

**REQUEST FOR QUALIFICATIONS**  
RFQ 17-063C

**DESIGN PROFESSIONAL SERVICES**

*McFatter Technical College*



**The School Board of Broward County, Florida**

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Office of Facilities and Construction  
Procurement and Warehousing Services

**NOTICES TO ALL BIDDERS**

**Cone of Silence and Lobbyist Activities**

For Cone of Silence requirements and for Lobbyist Activities restrictions, refer to Section 1, Introduction and General Information lines labeled 'Cone of Silence and Lobbyist Activities' (lines 1.10 and 1.11).

**THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA**  
**Procurement and Warehousing Services Department**  
**7720 W. Oakland Park Boulevard, Suite 323**  
**Sunrise, Florida 33351-6704**



THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA  
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# REQUEST FOR QUALIFICATIONS (RFQ)

## RFQ # 17-063C

### DESIGN PROFESSIONAL SERVICES

RFQ Issue Date: August 19, 2016

#### Description of Scope:

Design Services for the following project:

McFatter Technical College

- ADA Renovate Restrooms
- Safety / Security Upgrade
- Fire Sprinkler
- Fire Alarm
- Media Center Improvements
- HVAC repairs to include Buildings 1, 2, 4, and 5
- Electrical Improvements
- Building Envelope Improvements

### **NOTICES TO ALL PROPOSERS**

#### **Cone of Silence and Lobbyist Activities**

For Cone of Silence requirements and for Lobbyist Activity restrictions refer to Section 1, Introduction and General Information lines labeled Cone of Silence and Lobbyist Activities. Line numbers 1.10 and 1.11.

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA  
Procurement and Warehousing Services Department  
7720 W. Oakland Park Boulevard, Suite 323  
Sunrise, Florida 33351-6704

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## SECTION 1.0 - INTRODUCTION AND GENERAL INFORMATION

1.1 The School Board of Broward County, Florida (hereinafter referred to as "SBBC") desires to receive Qualifications for Design Services as described herein.

1.2 **Questions and Interpretations:** Any questions, requests for clarifications or interpretations regarding any portion of this RFQ during the Submittal preparation period (or reporting errors, inconsistencies, or ambiguities) shall be received no less than ten (10) days prior to the deadline due date for submitting the completed RFQ response, and no questions or clarifications will be considered after this date. Respondents must submit Document 00220 – Bidders Request For Information Form (Attachment F) for all RFI requests and all RFI requests must be typed or printed. Questions not submitted on Document 00220 will not be considered. RFI requests must be for a single RFQ, RFI requests for multiple RFQs may not be considered. Any questions which require a response which amends the RFQ document in any manner will be answered via Addendum by the Procurement and Warehousing Services Department and provided to all Proposers. Address questions or requests for clarifications in writing to:

Vanessa S. Lauchaire  
Strategic Sourcing Manager  
Procurement & Warehousing Services  
7720 West Oakland Park Blvd - Suite 323  
Sunrise, FL 33351  
754-321-0533 Fax

E-mail: [vanessa.lauchaire@browardschools.com](mailto:vanessa.lauchaire@browardschools.com)

1.3 Any verbal or written information, which is obtained other than by information in this RFQ document or by Addenda, shall not be binding on SBBC.

1.4 **Contract Term:** The term of this contract is anticipated to begin on the Notice to Proceed Date and end one year after final completion of the project.

1.5 **Proposal Format:** The RFQ's submittal shall follow the format and include the information as identified in Section 4.0 of this RFQ.

1.6 **Evaluation and Award:** All Proposals will be evaluated by the Selection Committee based upon the information submitted by Proposers in response to this RFQ and in accordance with the evaluation criteria established in Section 5.0. Based upon the evaluation of Proposals, the Committee will recommend a Proposer(s) to the Superintendent of Schools who may then recommend a Proposer(s) to the SBBC for award.

1.7 **Irrevocability of Proposal:** A Proposal may not be withdrawn before the expiration of 90 days after the date of the Proposal's opening.

1.8 **Proposal Package Requirements:**

--- One complete, original hard-copy Proposal (clearly labeled as "original").

--- One complete, original electronic version (clearly labeled as "original").

--- Five (5) complete, electronic version copies (clearly labeled as "copy").

--- Four (4) additional hard-copies (which must be identical to the original Proposal except they shall be labeled as "copy").

--- Proposals shall be submitted in a sealed envelope (package, box, etc.) with the RFQ number and description clearly identified by label on the Package along with the Proposers Name.

- 1.9 **Gratuities:** Proposers shall not provide any gratuities, favors, or anything of monetary value to any official, employee, or agent of SBBC; including any School Board Member, Superintendent of Schools and any Evaluation Committee Members, for any reason during this entire Procurement Process.
- 1.10 **Cone of Silence:** Any proposer, or lobbyist for a proposer, is prohibited from having any communications (except as provided in this rule) concerning any solicitation for a competitive procurement with any School Board member, the Superintendent, any Evaluation Committee Member, or any other School District employee after the Procurement and Warehousing Services Department releases a solicitation to the General Public. All communications regarding this solicitation shall be directed to the designated Purchasing Agent unless so notified by the Procurement and Warehousing Services Department. This “Cone of Silence” period shall go into effect and shall remain in effect from the time of release of the solicitation until the contract is awarded by the School Board. Further, any vendor, its principals, or their lobbyists shall not offer campaign contributions to School Board Members or offer contributions to School Board Members for campaigns of other candidates for political office during the period in which the vendor is attempting to sell goods or services to the School Board. This period of limitation of offering campaign contributions shall commence at the time of the “cone of silence” period for any solicitation for a competitive procurement as described by School Board Policy 3320, Part II, Section GG as well as School Board Policy 1007, Section 5.4 – Campaign Contribution Fundraising. Any vendor or lobbyist who violates this provision shall cause their Proposal (or that of their principal) to be considered non-responsive and therefore be ineligible for award. This prohibition does not apply to:
1. Telephone calls to the Procurement & Warehousing Services staff to request copies of this RFQ, to confirm attendance, or request directions regarding an interview notification received;
  2. Delivery of the Respondent’s Submittal;
  3. Discussion at the interview;
  4. Delivery of written questions about the RFQ; and/or Review of background/contract documents at the staff offices.
- 1.11 **Lobbyist Activities:** In accordance with SBBC Policy 1100B, as currently enacted or as amended from time to time, persons acting as lobbyists must state, at the beginning of their presentation, letter, telephone call, e-mail or facsimile transmission to School Board Members, Superintendent or Members of Senior Management, the group, association, organization or business interest she/he is representing.
- 1.11.1 A lobbyist is defined as a person who, for immediate or subsequent compensation (e.g., monetary profit/personal gain), represents a public or private group, association, organization or business interest and engages in efforts to influence School Board Members on matters within their official jurisdiction.
- 1.11.2 A lobbyist is not considered to be a person representing school allied groups (e.g., PTA, DAC, Band Booster Associations, etc.) nor a public official acting in her/his official capacity.
- 1.11.3 Lobbyists shall annually (July 1) disclose in each instance and for each client prior to any lobbying activities, their identity and activities by completing the lobbyist statement form which can be obtained from official School Board Records, School Board Member's Offices or the Superintendent's Office and will be recorded on SBBC’s website, [www.browardschools.com](http://www.browardschools.com).
- 1.11.4 The lobbyist must disclose any direct business association with any current elected or appointed official or employee of SBBC or any immediate family member of such elected or appointed official or employee of SBBC.
- 1.11.5 Senior-level employees and/or School Board Members are prohibited from lobbying activities for two years after resignation or retirement or expiration of their term of office.
- 1.11.6 The Office of the Superintendent shall keep a current list of persons who have submitted the lobbyist statement form.
- 1.12 **Preparation Cost of Proposal:** Proposer is solely responsible for any and all costs associated with responding to this RFQ. SBBC will not reimburse any Proposer for any costs associated with the preparation and submittal of any Proposal, or for any travel and per diem costs that are incurred by any Proposer.

- 1.13 It is the sole responsibility of the Proposer to assure it has received the entire Proposal and any and all Addendum.
- 1.14 It is the sole responsibility of the Proposer to assure that its Proposal is time stamped in the Procurement and Warehousing Services Department on or before 2:00 p.m. EST on the date due.
- 1.15 No verbal or written information which is obtained other than by information in this document or by Addenda to this RFQ shall be binding on SBBC.
- 1.16 No submissions made after the Proposal opening, amending or supplementing the Proposal, will be considered.

## SECTION 2.0 CALENDAR

August 19, 2016	Issuance of RFQ #17-063C
September 7, 2016	Written questions due on or before 5:00 p.m. ET in the Procurement and Warehousing Services Department 7720 West Oakland Park Blvd., Suite 323, Sunrise, Florida 33351-6704.
September 21, 2016	Proposals due on or before 2:00 p.m. ET in the Procurement and Warehousing Services Department. 7720 West Oakland Park Blvd., Suite 323, Sunrise, Florida 33351-6704.
October 7, 2016**	Selection Committee reviews Qualifications and makes a recommendation for Selection in the Procurement and Warehousing Services Department 7720 West Oakland Park Boulevard, Suite 323 Sunrise, Florida 33351-6704 at 9:00 a.m.*
October 11, 2016	Evaluation Committees Posting of Recommendations.
December 6, 2016	Tentative School Board Award Date.

\*These are public meetings. SBBC prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, national origin, marital status, race, religion, sex or sexual orientation. Individuals who wish to file a discrimination and/or harassment complaint may call the Executive Director, Benefits & EEO Compliance at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

Individuals with disabilities requesting accommodations under the Americans with Disabilities Act (ADA) may call Equal Educational Opportunities (EEO) at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

\*\*Proposers may be asked to be present at this public meeting to answer questions related to their submittal. Proposers may also be invited to make a presentation to the Selection Committee. If a presentation is requested, it must be limited to information included in their Proposal submitted to SBBC. Details related to the Selection Committee meeting will be provided to the proposers when they are given notice of the meeting.

## SECTION 3.0 - RFQ CONDITIONS

- 3.1 **Evaluation Committees and Proposals:** State Statutes 119.071 and 286.0113 are adhered to by SBBC in the review and awarding of contracts.
- 3.2 **Public Record:** Proposer acknowledges that all information contained within their Proposal is part of the public domain as defined by the State of Florida Sunshine and Public Record Laws.
- 3.3 **Governing Law:** This RFQ, and any award(s) resulting from this RFQ, shall be interpreted and construed in accordance with the laws of the State of Florida. Any protests arising from this RFQ shall be subject to Section 120.57(3), Florida Statutes. Any disputes or controversies arising out of a contract awarded under this RFQ shall be submitted to the jurisdiction of the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida.
- 3.4 **Advertising:** In submitting an RFQ, Proposer agrees not to use the results therefrom as a part of any commercial advertising without prior written approval of SBBC.
- 3.5 **Billing Instructions and Payment:** All payments made to the Design Professionals shall be made by ACH (Automated Clearing House). Monthly invoices shall be submitted to the Project Manager for review and approval. Refer to the PSA for the specifics. The ACH Payment Agreement Form is an attachment to the PSA (PSA Attachment 12). This form shall be submitted at the time of the execution of the Contract.
- 3.6 **Contract Value:** No guarantee is given or implied as to the total dollar value or work as a result of this RFQ. SBBC is not obligated to place any order for services performed as a result of this award. Order placement will be based upon the needs and in the best interest of SBBC.
- 3.7 **Conflict of Interest and Conflicting Employment or Contractual Relationship:** Section 112.313 (3) and (7), Florida Statutes, sets forth restrictions on the ability of SBBC employees acting in a private capacity to rent, lease, or sell any realty, goods, or services to SBBC. It also places restrictions on SBBC employees concerning outside employment or contractual relationships with any business entity which is doing business with SBBC. Each Proposer is to disclose any employees it has who are also SBBC employees. This Conflict of Interest Form is an attachment to the PSA (PSA attachment 9). This executed document shall be submitted at the time of Contract Execution. Any employees identified by the Proposer, should obtain legal advice as to their obligations and restrictions under Section 112.313 (3) and (7), Florida Statutes.
- 3.8 **Disputes:**
- 3.8.1 In the event of a conflict between the documents, the order of priority of the documents shall be as follows:
1. The Agreement resulting from the award of this RFQ (if applicable) ; then
  2. Addenda released for this RFQ, with the latest Addendum taking precedence; then
  3. the RFQ Documents; then
  4. Awardee's Proposal.
- 3.8.2 In case of any other doubt or difference of opinion, the decision of SBBC shall be put in writing and shall be final and binding on both parties.
- 3.9 **Insurance:** Refer to PSA Agreement – Part 5 – Article 3 for Design Professional Insurance Requirements (RFQ Attachment C).
- 3.10 **Public Entity Crimes:** Section 287.133(2)(a), Florida Statutes, as currently enacted or as amended from time to time, states that a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Proposal on a contract to provide any goods or services to a public entity, may not submit a Proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit a Proposal on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount



provided in Section 287.017 for CATEGORY TWO [currently \$25,000] for a period of 36 months from the date of being placed on the convicted vendor list.

3.12 **M/WBE:**

3.12.1 M/WBE Goals: The Design Professional shall comply with the Owner's current M/WBE policies and procedures. The Design Professional's M/WBE goal for this Contract is 25 percent.

3.12.2 Information: SBBC encourages each Proposer to make every reasonable effort to include M/WBE participation on any contract award under this RFQ. An M/WBE is defined by SBBC as any legal entity, other than a joint venture, which is organized to engage in commercial transactions and which is at least 51% owned and controlled by a minority or women and has been Certified by SBBC as an approved M/WBE.

3.12.2.1 Any participation by firms not certified by SBBC at the time of proposal will not count in the RFQ evaluation process for the award of points in the Design Professional M/WBE Participation Category. However, firms that are certified by SBBC after the proposal's tentative award, will count towards the Design Professional's M/WBE project goal attainment. Design Professional to contact SDOP to provide the updated information.

3.12.2.2 For information on M/WBE Certification, or to obtain information on locating certified M/WBE's, contact SBBC's Supplier Diversity and Outreach Programs at 754-321-0550 or <http://www.broward.k12.fl.us/supply/sdop/mwbe.html>.

3.13 **Protesting of RFQ Conditions/Specifications:** Any person desiring to protest the conditions/specifications in this RFQ, or any Addenda subsequently released thereto, shall file a notice of intent to protest, in writing to the Director of Procurement and Warehousing Services Department. The formal written protest shall be filed within ten calendar days after the date the notice of protest was filed. Saturdays, Sundays, state holidays or days during which the school district administration is closed shall be excluded in the computation of the ten (10) calendar days. The formal written protest must be received on or before 5:00 p.m. EST of the 10<sup>th</sup> Calendar Day at the office of the Director of Procurement and Warehousing Services Department. Refer to Section 120.57(3)(b), Florida Statutes, as currently enacted or as amended from time to time, for the requirements for the written protest.

3.13.1 Failure to file a notice of protest or to file a formal written protest within the time prescribed by Section 120.57(3), Florida Statutes, or a failure to post the bond or other security required by SBBC Policy 3320, Part VIII, within the time allowed for filing a bond, shall constitute a waiver of proceedings.

3.14 **Posting of RFQ Recommendations:** RFQ Recommendations will be posted in the Procurement and Warehousing Services Department and on [www.demandstar.com](http://www.demandstar.com) as noted on the Calendar (Section 2.0) or as modified by an addendum or by posting in the Procurement and Warehousing Services Department and at [www.demandstar.com](http://www.demandstar.com) (under the document section for this RFQ). The Recommendations will remain posted for 72 hours. It is the responsibility of each Proposer to ascertain any revised date for the posting of RFQ Recommendations.

3.15 **Protest of Intended Decision:** Any person desiring to protest the Recommended Decision shall file a notice of protest, in writing, within 72 hours after the posting of the RFQ Recommendation and shall file a formal written protest within ten calendar days after the date the notice of protest was filed. The formal written protest must be received on or before 5:00 p.m. EST of the tenth (10) calendar day. Saturdays, Sundays, state holidays and days during which the school district administration is closed shall be excluded in the computation of the 72 hours.

3.15.1 Failure to file a notice of protest or to file a formal written protest within the time prescribed by Section 120.57(3), Florida Statutes, or a failure to post the bond or other security required by Policy 3320, Part VIII, within the time allowed for filing a bond, shall constitute a waiver of proceedings.

3.15.2 Notices of protests, formal written protests, and the bonds required by Policy 3320, shall be filed at the office of the Director of Procurement and Warehousing Services, 7720 West Oakland Park Boulevard, Suite 323, Sunrise, Florida 33351 Fax filing will not be acceptable for the filing of bonds.

- 3.16 **Use of Other Contracts:** SBBC reserves the right to utilize any other SBBC contract, any State of Florida Contract, any contract awarded by any other city or county governmental agencies, other school boards, other community college/state university system cooperative agreements, in lieu of any offer received or award made as a result of this RFQ if it is in SBBC's best interest to do so. SBBC also reserves the right to waive irregularities or technicalities in any Proposal received if such action is in the best interest of SBBC. However, such a waiver shall in no way modify the RFQ requirements or excuse the Proposer from full compliance with the RFQ specifications and other contract requirements if the Proposer is awarded a contract.
- 3.17 **Assignment:** Neither party to the Agreement shall sell, assign or sublet the same without the written consent of the other; nor shall a Design Professional assign any monies due or to become due to the Design Professional, or by reason of the Contract without the previous written consent of the Owner and as approved by the Attorney for the Owner.
- 3.18 **Cancellation:** In the event any of the provisions of this RFQ are violated by the Awardee, the Director of Procurement and Warehousing Services shall give written notice to the Awardee stating the violations and unless they are corrected within five days, a recommendation will be made to SBBC for cancellation.
- 3.19 **SBBC Photo Identification Badge:**  
**Background Screening:** Awardee agrees to comply with all the requirements of Sections 1012.32 and 1012.465, Florida Statutes, and that Awardee and all its personnel who (1) are to be permitted access to school grounds when students are present, (2) will have direct contact with students, or (3) have access or control of school funds will successfully complete the background screening required by the referenced statutes and meet the standards established by the statutes. Personnel shall include employees, representatives, agents or sub-contractors performing duties under the contract to SBBC and who meet any or all of the three requirements identified above. Awardee will bear the cost of acquiring the background screening required under Section 1012.32, Florida Statutes, and any fee imposed by the Florida Department of Law Enforcement to maintain the fingerprints provided with respect to Awardee and its personnel. The Parties agree that the failure of Awardee to perform any of the duties described in this section shall constitute a material breach of this RFQ entitling SBBC to terminate immediately with no further responsibilities or duties to perform under this Agreement. Awardee agrees to indemnify and hold harmless SBBC, its officers and employees of any liability in the form of physical or mental injury, death or property damage resulting in Awardee's failure to comply with the requirements of this section or Sections 1012.32 and 1012.465, Florida Statutes.
- 3.19.1 SBBC issued identification badges must be worn at all times when on SBBC property and must be worn where they are visible and easily readable.
- 3.19.2 Badge Vendor Information shall be provided to the Design Professional at the time of Award.
- 3.20 **Withdrawal of RFQ:** In the best interest of SBBC, SBBC reserves the right to withdraw this RFQ at any time prior to the time and date specified for the Proposal opening.
- 3.21 **Severability:** In case of any one or more of the provisions contained in this RFQ shall be for any reason be held to be invalid, illegal, unlawful, unenforceable or void in any respect, the invalidity, illegality, unenforceability or unlawful or void nature of that provision shall not affect any other provision and this provision shall be considered as if such invalid, unlawful, unenforceable or void provision had never been included herein.
- 3.22 It is the sole responsibility of the Proposer to assure it has received the entire Proposal and any and all Addendum.
- 3.23 It is the sole responsibility of the Proposer to assure that its Proposal is time stamped in the Procurement and Warehousing Services Department on or before the due time on the date due. No submissions made after the Proposal opening, amending or supplementing the Proposal, shall be considered.
- 3.24 No verbal or written information which is obtained other than by information in this document or by Addenda to this RFQ shall be binding on SBBC.
- 3.25 **Acceptance and Rejection of Proposals:**
- 3.25.1 **Acceptance:** All Proposals properly completed and submitted will be evaluated in accordance with Section 5.0.

3.25.2 **Rejection:** A Proposal may be rejected if it does not conform to the rules or the requirements contained in this RFQ. Examples for rejection include, but are not limited to, the following:

3.25.2.1 The Proposal is time-stamped at the Procurement and Warehousing Services Department after the deadline specified in the RFQ.

3.25.2.2 Proposers found legally guilty of collusion among Proposers, shall be rejected, and the participants to such shall be barred from future procurement opportunities until such time as they may be reinstated.

3.25.2.3 The Proposal shows non-compliance with applicable laws; or contains any unauthorized additions or deletions; is a conditional Proposal; is an incomplete Proposal; or contains irregularities of any kind.

3.26.2.4 The Proposer adds provisions reserving the right to accept or reject an award or to enter into a contract pursuant to an award or adds provisions contrary to those in the RFQ.

3.25.3 SBBC also reserves the right to waive irregularities or technicalities in any Proposal received if such action is in the best interest of SBBC. However, such a waiver shall in no way modify the RFQ requirements or excuse the Proposer from full compliance with the RFQ specifications and other contract requirements if the Proposer is awarded the contract.

3.26 **Maintenance of Records:**

3.26.1 Design Professional shall keep all records and supporting documentation which concern or reflect its Services hereunder. The records and documentation shall be retained by the Design Professional for a period of seven (7) years from the completion date of the project associated with the Authorization to Proceed; or such period of time as required by law. The Owner, or any duly authorized agents or representatives of the Owner, shall have the right to inspect and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the period noted above in which the records are to be retained. Such activity shall be conducted at the reasonable convenience of the Design Professional.

3.27 **Liability:** Refer to Attachment C - Sample Professional Services Agreement (PSA), Part 5 Article 2 - Liability Clause.

3.28 **SBBC Information Security Guidelines:** It is the responsibility of the Design/Builder to read and adhere to the SBBC Information Security Guidelines when using any device connected to the SBBC's network. Following the conclusion of the contract term, all of SBBC's confidential information must be removed from the Design/Builder's equipment and all access privileges must be revoked. Final payment will be withheld until the Design/Builder has confirmed, in writing, that all SBBC's confidential information has been purged from any and all electronic technology devices that were used during this contract and were connected to the SBBC's network.

## SECTION 4.0 - REQUIRED QUALIFICATIONS FORMAT AND RESPONSE INFORMATION

4.1 The SBBC's Procurement and Warehousing Services Department shall determine whether each Proposer has Addressed and provided all RFQ submittal requirements. SBBC's Procurement and Warehousing Department shall identify the status of completion for each Proposer's proposal on a spreadsheet for the Evaluation Committee's use.

4.2 It is required that Proposals be organized in the manner specified below and with all the information as identified.

4.2.1 Title Page:

- Line 1 Include RFQ number and name;
- Line 2. The RFQ Due Date;
- Line 3 The name of the Proposer (company/firm name);
- Line 4 Company/firm address;
- Line 5 and telephone number.

4.2.2 Section A – General

*NOTE: Failure to strictly comply with this section may result in a recommendation to reject the proposal.*

Section A1 Table of Contents: Include a clear identification of the material by scoring sections, section number and by page number.

Section A2 Letter of Responsibility: Include the names of the persons who will be authorized to make decisions for the Proposer for this proposal, and for the Design efforts that may result from this RFQ. Provide titles, work addresses, telephone numbers and e-mail addresses. Letter to be on Company Letterhead and signed by an Officer of the Company.

Section A3 – Signed Addenda: Include signed and dated copies of all addenda to verify and acknowledge receipt.

4.2.3 Section B – Required Forms, Licenses, certificates, History

*NOTE: Failure to strictly comply with this section may result in a recommendation to reject the proposal.*

Section B1 - Required Response Form

Modifications or alterations to this form shall not be accepted and will cause the Proposal to be rejected and not reviewed. The Required Response Form, shall be the only acceptable form. The Required Response Form shall be completed in ink or typewritten. The signed "original" Required Response Form shall be submitted within the Proposal Package labeled as the "original." Refer to Attachment D.

JOINT VENTURES

Required Response Form for Joint Venture Proposals shall follow the following requirements. In the event multiple Proposers submit a joint Proposal in response to the RFQ, a single Proposer shall be identified as the Prime Proposer. If offering a joint Proposal, Prime Proposer must include the name and address of all parties of the joint Proposal. Prime Proposer shall provide all bonding and insurance requirements, execute any Contract, complete the Required Response Form shown herein, and have overall and complete accountability to resolve any dispute arising within this contract. Only a single contract with one Proposer shall be acceptable. Prime Proposer responsibilities shall include, but not be limited to, performing of overall contract administration, preside over other Proposers participating or present at SBBC meetings, oversee preparation of reports and presentations, and file any notice of protest and final protest as described herein. Prime Proposer shall also prepare and present a consolidated invoice(s) for services performed. SBBC shall issue only one check for each consolidated invoice to the Prime Proposer for services performed. Prime Proposer shall remain responsible for performing services associated with response to this RFQ.

## Section B2 Licenses and Registrations (Florida)

- 3.1 All appropriate licenses shall be provided on a list
- 3.2 Firms Architectural License/Registration if applicable
- 3.3 Architectural License/Registration – for \_\_\_\_\_
- 3.4 Architectural License/Registration – for \_\_\_\_\_
- 3.5 Mechanical License/Registration – for \_\_\_\_\_
- 3.6 Structural License/Registration – for \_\_\_\_\_
- 3.7 M/WBE Certificate (if applicable) – for proposer firm
- 3.8 continue as appropriate

## Section B3 Proposer History

Provide a listing of current and former business entities that the Proposer is operating under and has operated under in the past. Letter to be on Company Letterhead and signed by an officer of the Company.

## Section B4 Litigation

Provide a statement of any litigation or regulatory action that has been filed or is pending against your firm(s) in the last three years. If an action has been filed, state and describe the litigation or regulatory action filed, and identify the court or agency before which the action was instituted, the applicable case or file number, and the status or disposition for such reported action. If no litigation or regulatory action has been filed against your firm(s), provide a statement to that effect. For joint venture or team Proposers, submit the requested information for each member of the joint venture or team.

*NOTE: Sections C and D below shall be evaluated and scored by QSEC*

### 4.2.4 Section C - Experience and Qualifications (55 maximum points)

#### Section C1 Executive Summary / Approach / Current Work Load (25 maximum points)

**Executive Summary** – (7 maximum points) Submit a brief abstract stating the Proposer's understanding of the nature and scope of the services to be provided and capability to comply with all terms and conditions of RFQ (3 page maximum).

**Approach** – (9 maximum points) Discuss your approach for delivering this project. Discuss your firm's willingness and ability to meet the project's schedule and budget. Discuss the office location from which this work will be conducted and its distance from the project site. (5 page maximum).

**Current Work Load Overall** – (5 maximum points) Demonstrate your ability to perform this work given your current project workload. Provide a list of current projects for all clients including SBBC, Include all projects currently under contract and all projects where your firm has been selected but is not yet under contract. Include project construction value. (2 page maximum).

**Current Work Load with SBBC** - (4 maximum points) Provide a list of all projects with total fees for all active contracts with SBBC. Provide a list of all projects and total fees for all projects where your firm has been selected by SBBC but is not yet under contract. (2 page maximum). (Proposer with the most total fees on current projects will be awarded zero (0) points. Other proposers will be awarded up to 3 points based on current fees, with more points being awarded to proposers with the least amount of current fees with SBBC).

**Section C2 Firm Experience and Qualifications** (15 maximum points)

Provide a statement of your firm's qualifications to perform the services requested under this RFQ (3 page maximum).

**Section C3 Relevant Projects / References** (15 maximum points)

Provide a list and description of relevant projects (maximum of 5) successfully completed by your firm in the most recent five (5) years. For each project, include:

- Name and location of project
- Scope of work that was performed by your firm
- Summary of the project scope including construction delivery method
- Name, title and contact information for client
- Initial and final construction cost (where not deemed confidential)
- Change order percentage by type, including errors and omissions
- Planned design schedule vs actual design schedule

Include 3 references with contact information, preferably from one of the projects requested above (5 pages maximum for Section C3).

4.2.5 **Section D – Team Composition:** (35 maximum points)

**Section D1 Team Structure** (10 maximum points)

Describe the structure of your team, including all subconsultants. Indicate which professional design services the prime firm offers with in house staff, and indicate which professional design services the firm may opt to utilize consultants. Refer to Attachment E. (3 pages maximum. Attachment E does not count toward page limits)

**Section D2 Key Personnel** (25 maximum points)

**Design Professional's Staff** (15 maximum points)

Provide the names of the Design Professionals staff intended for use on SBBC Projects, including applicable professional qualifications. Identify the Principal to be in charge of SBBC Projects. Identify other key personnel as appropriate, including the Senior Architect and primary production Architect. Not all staff personnel need to be listed. It is understood that staffing requirements will vary from project to project based on project scope and required design time frame. Refer to Attachment B. Resumes for key personnel should be provided.

**Consultants' Staffing** (10 maximum points)

For each Consultant, provide the names of the Consultants Staff intended for use on SBBC Projects, including professional qualifications. Identify the Principal to be in charge of SBBC Projects. Identify a Senior Engineer for each of the disciplines that each Consultant performs. Refer to Attachment B. Resumes for key personnel should be provided.

*NOTE: Section E below shall be evaluated and scored by District Staff (not QSEC)*

4.2.6 **Section E - Supplier Diversity and Outreach Program** (10 maximum points)

**Section E1** **M/WBE Firms for Intended Use** (10 maximum points)

Identify the M/WBE firm or firms who may be working with you on this engagement utilizing Attachment A, M/WBE Participation.

## SECTION 5.0 - EVALUATION OF QUALIFICATIONS

5.1 Evaluation of Qualifications - The Evaluation Committee shall evaluate all Qualified Proposals by the following Categories.

<u>SECTION</u>	<u>POSSIBLE POINTS</u>
Section A – General	Pass/Fail
Section B – Required Forms	Pass/Fail
<u>Section C - Experience and Qualifications</u>	
Section C 1 - Executive Summary / Approach / Current Work Load	0 to 25
Section C 2 – Firm Experience and Qualifications	0 to 15
Section C 3 - Relevant Projects / References	0 to 15
<u>Section D - Team Composition</u>	
Section D 1 – Team Structure	0 to 10
Section D 2 – Key Personnel	0 to 25
<u>Section E - Supplier Diversity &amp; Outreach Program</u>	
Section E 1 - M/WBE Participation	0 to 10
<b>TOTAL POSSIBLE POINTS</b>	<b>100</b>

### 5.1.1 Scoring of M/WBE Participation – Section E1

*NOTE: Section E below shall be evaluated and scored by District Staff (not QSEC)*

The SBBC shall award a maximum of ten (10) points for M/WBE Participation as listed in the Evaluation Point Tables below. At the time the proposal is submitted, the proposer shall identify all M/WBE firms (if any) which will be utilized by using the M/WBE Participation Form and Statement of Intent Form. The Letter of Intent submitted with the proposal reflects the intent of the parties (prime and sub-consultant) to establish a business relationship as well as the type of work and percentage of work that the sub-consultant will perform.

5 Points For M/WBE Designer	
M/WBE Designer	5.0 Points

5 Points For M/WBE Sub-Consultant Participation	
≥ 25%	5.0 Points
≥ 20%	4.0 Points
≥ 15%	3.0 Points
≥ 10%	2.0 Points
≥ 5%	1.0 Points

*NOTE: Points for Category E shall be provided by the M/WBE Coordinator for use by QSEC members.*

5.2 Qualification Selection Evaluation Committee (“QSEC”) members shall rank proposers based on the total number of points received from QSEC committee member scoring, The proposer receiving the most total points received from all QSEC members



shall be considered to be the most qualified proposer ("Firm 1"). All remaining proposers shall be ranked in order based on total points received from all QSEC members (Firm 2, Firm 3, Firm 4, and etc.).

- 5.2.1 The first tie-breaker between identically scored proposers shall be the total number of times the applicable proposers are ranked as the most qualified (Firm 1) by individual QSEC committee members.
  - 5.2.2 The second tie-breaker between identically scored proposers shall be the total number of times the applicable proposers are ranked as the second most qualified ("Firm 2") by individual QSEC committee members.
  - 5.2.3 The third tie-breaker between identically scored proposers shall be the total number of times the applicable proposers are ranked as the third most qualified ("Firm 3") by individual QSEC committee members.
  - 5.2.4 The fourth tie-breaker shall be a coin flip, to be called in the air, by the tied proposer who held its discussions with QSEC first.
- 5.3 Failure strictly comply with the submittal requirements of sections A and B may result in a recommendation to reject the proposal.
- 5.4 After scoring has been completed, QSEC shall recommend that District staff negotiate a contract for professional design services with Firm 1 at compensation which staff determines is fair, competitive, and reasonable.
- 5.4.1 Should staff be unable to negotiate a satisfactory contract with Firm 1, negotiations with Firm 1 shall be formally terminated.
  - 5.4.2 Staff shall then undertake negotiations with Firm 2. Should staff be unable to negotiate a satisfactory contract with Firm 2, staff shall formally terminate negotiations with Firm 2, and then undertake negotiations with Firm 3.
  - 5.4.3 This process shall continue with the remaining, most qualified firms until a satisfactory contract is negotiated. If no negotiations are successful, the procurement shall automatically terminate.
- 5.5 After successful negotiations with the applicable proposer, an Agreement shall be submitted to the Board for approval and award of a Design contract.
- 5.6 **Award:** The Agreement resulting from these negotiations shall be governed by the laws of the State of Florida, and shall have venue established in the 17<sup>th</sup> Court of Broward County, Florida or the United States Court of the Southern District of Florida.

END OF EVALUATION OF QUALIFICATIONS

## SECTION 6.0 – PROJECT SCOPE AND SCHEDULE

6.1 Summary Project Scope - The Scope of Work is summarized below.

McFatter Technical College

- ADA Renovate Restrooms
- Safety / Security Upgrade
- Fire Sprinkler
- Fire Alarm
- Media Center Improvements
- HVAC repairs to include Building 1, 2, 4, and 5
- Electrical Improvements
- Building Envelope Improvements

6.2 Project Budget - The Budget for this package is as follows.

McFatter Technical College

Total Funds from District's approved ADEFP:	\$ 7,287,525
Less:	
- Addendum #1	(\$ 672,000)
- School Choice and Technology	<u>\$ 588,000</u>
Total Project Budget	\$ 7,371,525
Less:	
- Other Owner Costs	<u>\$ 368,576</u>

TOTAL Design, Construction and Soft Cost Funds \$ 7,002,949

6.3 Project Schedule - The Schedule for this project is as follows:

Authorization to Proceed	January 10, 2017
Completion of Design	October 6, 2017
Final Completion – Construction	December 27, 2018

**END OF RFQ**

M/WBE PARTICIPATION

Complete the following information on the proposed M/WBE participation on this contract.

Proposer's Company Name: \_\_\_\_\_

M/WBE Firm Information	Scope and/or Nature of Work to be Performed by the M/WBE	% of M/WBE Participation
Firm Name: _____ Contact Person: _____ Address: _____ _____ Telephone No.: _____ Facsimile No.: _____ M/WBE Certification No.: _____ Certifying Agency Name: _____ Address: _____ _____ Telephone No.: _____		
Firm Name: _____ Contact Person: _____ Address: _____ _____ Telephone No.: _____ Facsimile No.: _____ M/WBE Certification No.: _____ Certifying Agency Name: _____ Address: _____ _____ Telephone No.: _____		
Firm Name: _____ Contact Person: _____ Address: _____ _____ Telephone No.: _____ Facsimile No.: _____ M/WBE Certification No.: _____ Certifying Agency Name: _____ Address: _____ _____ Telephone No.: _____		

Note: percentage amount needs to be provided to receive points.

Design and Professional Consulting Staff

Prime Firm:

Name	Title	Role	Time Commitment	Florida professional license	Email Address

Subconsultant:

Name	Title	Role	Time Commitment	Florida professional license	Email Address

Subconsultant:

Name	Title	Role	Time Commitment	Florida professional license	Email Address

Subconsultant:

Name	Title	Role	Time Commitment	Florida professional license	Email Address

# **ATTACHMENT C**

## **Professional Services Agreement**

# PROFESSIONAL SERVICES AGREEMENT

BETWEEN

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

AND

PROJECT CONSULTANT

FOR

ARCHITECTURAL/ENGINEERING SERVICES

**THIS AGREEMENT**, made this, \_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, by and between **THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA**, hereinafter called the "Owner", and:

hereafter called the "Project Consultant" for the following project:

**Facility:**

**Site No.:**

**Project Name:**

**Project No.:**

**Fixed Limit Of Construction Cost (FLCC):** \$ \_\_\_\_\_

The Owner and Project Consultant agree as follows:

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## ATTACHMENTS:

Attachment 1: Project Schedule

Attachment 2: Project Scope

Attachment 3: Electronic Media Submittal Requirements

- Attachment 4: Project Consultant’s Invoice Format, Reimbursable and Supplemental Services Format
- Attachment 5: List of Project Team Members
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- Attachment 10: Truth in Negotiations Certificate

**ARTICLE 1   DEFINITIONS**

- 1.1     **The Office of Facilities & Construction (“Office” or “OFC”):** The Owner’s organizational entity which acts as liaison between the Consultant and Owner and provides day to day management and other professional services on the Owner’s behalf. Various members of the Office of Facilities and Construction, acting as representatives of the Owner, will meet with the Project Consultant at periodic intervals throughout the preparation of the Contract Documents to assess the progress of the Work in accordance with approved schedules. Office personnel will also examine documents submitted by the Project Consultant, including invoices, and will promptly render decisions and/or recommendations pertaining thereto to avoid unreasonable delay in the progress of the Project Consultant's work. The Project Manager shall be principally responsible for direct communication to the Project Consultant and the Contractor.
  
- 1.2     **The Chief Facilities & Construction Officer, Office of Facilities & Construction -** An employee of The School Board of Broward County, Florida, who has the authority and responsibility for oversight and management of the specific project for the Owner. Referred to hereinafter as the Chief Facilities & Construction Officer.
  
- 1.3     **Authorization to Proceed:** A fully executed and approved authorization in the form of Attachment 6 to this Agreement, Authorization to Proceed (“ATP”) accompanied by an executed purchase order document issued by the Owner to the Project Consultant, authorizing the performance of specific professional services, authorizing commencement of a Phase as defined in Article 2.1 through Article 2.8, and stating the time for completion and the amount of fee authorized for such services.
  
- 1.4     **Basic Services:** Those architectural, engineering and other professional design services defined in Article 2.1 through Article 2.8.
  
- 1.5     **Supplemental Services:** Those architectural, engineering and other professional design services defined in Article 2.9.
  
- 1.6     **Project Consultant:** The individual, partnership, corporation, association, joint venture, or any combination thereof, of professional architects, engineers or other design professionals properly registered and licensed in Florida, who has entered into a contract with the Owner to provide professional services for development of the design and contract documents for the Work of this Project and provide construction contract administration and warranty services as described in the Project Manual and under this Agreement.
  
- 1.7     **Project Scope:** The activities necessary to respond to the Owner's requirements for the Project, including but not limited to the full or partial range of design, bidding and construction support services required to meet

the Owner's educational program, construction standards, project construction support requirements, Project Budget and Project Schedule.

- 1.8 **Project Budget:** The sum, established by the Owner, as available for the entire Project, including but not limited to the construction budget (Fixed Limit of Construction Cost (“FLCC”)), land costs, costs of furniture, fixtures and equipment (FF&E), financing costs, compensation for all professional services, costs of Owner-furnished goods and services, contingency allowances and other similar established or estimated costs.
- 1.9 **Project Schedule:** The Owner's requirements for the progress of design and construction activities associated with the Project characterized by milestones signifying the required completion dates for design phases, construction progress, and other significant project events culminating with the completion of the project, issuance of warranties, Owner's occupancy and use of the new or improved facilities.
- 1.10 **The Contract Documents:** The Contract Documents as used herein refer to the Agreement Form, Addenda, Supplementary Conditions, General Conditions, Documents contained in the Project Manual, the Owner's Division 0 and Division 1 documents, Drawings, Specifications, Education Specifications, all modifications thereto, issued before and after execution of the Contract and all Exhibits attached thereto used by the Owner to establish a construction contract with the Contractor. These Contract Documents, and their requirements for the Project Consultant are incorporated by reference into this Agreement.
- 1.11 **Contractor:** The individual, partnership, corporation, association, joint venture, or any combination thereof, who has entered into a contract with the Owner for construction of schools, administrative and support buildings, or various other types of facilities and incidents thereto.
- 1.12 **Program Manager:** An entity hired by the School Board of Broward County to execute the delivery of the projects and act as the Owner's Representative.
- 1.13 **Project Manager:** An employee or designated representative of The School Board of Broward County, Florida, who is assigned by the Chief Facilities and Construction Officer to manage the Project as a direct representative of the Owner.
- 1.14 **The Project:** The design of new construction, remodeling and/or renovation, and all services and incidents thereto, comprising a structure, structures, facility or facilities as contemplated and budgeted by the Owner.
- 1.15 **Sub-Consultant:** A person or organization of professional architects, engineers or other design professionals, registered and licensed in Florida, who has entered into an Agreement with the Project Consultant to provide professional services for the project.
- 1.16 **Superintendent Of Schools:** The duly appointed executive officer of the Owner authorized to act by and through The School Board of Broward County, Florida. Referred to hereinafter as the Superintendent.
- 1.17 **Fixed Limit of Construction Cost:** The Fixed Limit of Construction Cost, referred to hereinafter as the FLCC, is the total dollar value of the sum of the project's anticipated base bid (the project's essential scope) including design contingency.
- 1.18 **Building Code Inspector and Plans Examiners (BCI):** Employees of The School Board of Broward County, Florida, and others designated by the Chief Building Official, who are certified by Florida Statutes 468, 633 and 553 a BCI by the Florida Department of Education to provide plan review, inspections for code compliance and report non-compliant work to the appropriate party.



- 1.19 **Value Engineering:** Value Engineering (VE) is the creative, organized process of analysis of a project as to cost and/or performance with a focus on analysis of the proposed facility (and its systems, assemblies or components) and the elimination or modification of those features which add cost without contributing to that facility's required function or design value.
- 1.20 **Constructability:** Constructability is the creative, organized process of reviewing a project's drawings, specifications and other project documentation with a goal of eliminating design, detailing, and specification problems which might render the construction contract documents unbuildable or requiring extensive Addenda or Change Orders to make them buildable.
- 1.21 **The Project Team-** The Owner, Program Manager, and the Project Consultant, collectively the “Project Team”, shall work jointly during the design and through the completion of the warranty phase and shall be available thereafter should additional services be required.
- 1.22 **Substantial Completion:** The term Substantial Completion as used herein, shall mean that point at which the Work, or a designated portion thereof, is at a level of completion in substantial compliance with the Contract Documents such that the Owner or its designee can enjoy use or occupancy and can use or operate it in all respects for its intended purpose. In the event the Work includes more than one Phase, the Owner, at its discretion, may set Substantial Completion dates for each Phase and may impose provisions for liquidated damages for each Phase.
- 1.23 **Chief Building Official, Inspections and Code Compliance:** ("CBO") An employee of The School Board of Broward County, Florida, who has the responsibility for oversight and management of the Building Department, and has the authority and responsibility for issuing Building Permits.
- 1.24 **Code:** The term Code means and refs to all applicable codes, laws and regulations of each governmental entity, as may be amended from time to time, in effect at the time of execution of this Agreement, including all codes and standards referenced therein, including, but not limited to:, the Fifth Edition of the 2014 Florida Building Code (the “FBC”), the Fifth Edition of the Florida Fire Prevention Code, Chapter 1013, Florida Statutes (2015)Florida State Board of Education Regulations (“SREF”), Chapter 6A-2.0111 (Educational Facilities), the 1999 State Requirements for Educational Facilities (2014)Florida Department of Education's State Requirements for Educational Facilities (“SREF”)adopted pursuant to Rule 6A-2.0111, Florida Administrative Code, as may be amended from time to time, to the extent such requirements are not in conflict with Section 235.211, Florida Statutes 1995, Americans With Disabilities Act (ADA), in effect at the time of execution of this Agreement, and its referenced codes and standards; Crime Prevention Through Environmental Design (CPTED) (Broward Sheriff’s Office), and all guidelines and regulations of the Owner (provided same are not less stringent than applicable codes) with the Owner serving as the interpreter of the intent and meaning of SREF or any other applicable code

## **ARTICLE 2 PROJECT CONSULTANT SERVICES AND RESPONSIBILITIES**

### **2.1 Basic Services**

- 2.1.1 The Project Consultant agrees to:

- .1 Provide complete professional architectural, engineering and/or other professional design services set forth in the six Phases enumerated hereinafter and all necessary personnel, equipment and materials to perform such services;
  - .2 Complete those design services in accordance with the Project Schedule (Attachment 1 to this Agreement).
  - .3 Collaborate in the Owner's programs of Value Engineering at the end of Phases I and II (Schematic Design and Design Development), Constructability Reviews at the end of Phase III (Construction Documents), Statement of Probable Construction Cost at end of each phase, SIT Award Application and other additional basic services as provided in Article 2.1 through Article 2.8.
- 2.1.2 Standard Of Care: The Owner's engagement of the Project Consultant is based upon the Project Consultant's representations to the Owner that:
- .1 It is an organization of experienced design professionals, registered and licensed to do business in Florida;
  - .2 It is qualified, willing and able to perform architect and engineer of record services for the Project; and that
  - .3 It has the past experience and ability to provide design and engineering services for projects of similar size and scope which will meet the Owner's objectives and requirements.
- 2.1.3 As to all services provided pursuant to this Agreement, the Project Consultant shall furnish services by experienced personnel and under the supervision of experienced professionals licensed in Florida, and shall exercise a degree of care and diligence in the performance of these services in accordance with the customary professional standards currently practiced by firms in Florida and in compliance with any and all applicable codes, laws, ordinances, etc. The Project Consultant shall utilize the same personnel over the course of the Work and shall, if requested by the Owner, replace personnel whom the Owner has found to be incompetent or to whom the Owner otherwise reasonably objects.
- 2.1.4 As to any and all drawings, plans, specifications or other contract documents or materials provided or prepared by Project Consultant or its Sub-Consultants, the Project Consultant agrees same:
- .1 Are sufficiently complete, accurate, and adequate for bidding, negotiating and constructing the Project and are consistent with the Owner's requirements and Owner approved Project Budget and Project Schedule;
  - .2 Meet the Owner's aesthetic, functional and operational objectives;
  - .3 Are sufficiently fit and proper for the purposes intended;
  - .4 Comply with all applicable laws, statutes, rules and regulations, building codes and Owner's guidelines or regulations, which apply to and govern the Project, and
  - .5 Will, if constructed in accordance with the Project Consultant's Design, result in a complete and properly functioning facility. Any defective drawings, specifications or other document furnished by

Project Consultant shall be promptly corrected by the Project Consultant at no cost to Owner, without limitations to other remedies or rights of Owner. Owner's approval, acceptance or use of or payment for all or any part of Project Consultant's services hereunder or of the project itself shall in no way alter the Project Consultant's obligations or Owner's rights hereunder.

- .6 Further, any approval of drawings or construction documents by Owner and/or other governmental entities having jurisdiction which do not expressly comment and/or interpret a building code requirement shall not relieve the Project Consultant from its obligations to furnish design services pursuant to the applicable building codes nor be the basis for a waiver defense should Owner accept and/or approve any drawings and/or contract documents wherein an error or omission is not discovered during the design process.

2.1.5 All professional design services and associated products or instruments of those services provided by the Project Consultant shall:

- .1 Be in accordance with all applicable codes, laws and regulations of each governmental entity, as may be amended from time to time, in effect at the time of execution of this Agreement, including all codes and standards referenced therein, including, but not limited to: the Fifth Edition of the 2014 Florida Building Code (the "FBC"), the Fifth Edition of the Florida Fire Prevention Code, Chapter 1013, Florida Statutes (2015), the State Requirements for Educational Facilities (2014) ("SREF"), Crime Prevention Through Environmental Design (CPTED) (Broward Sheriff's Office), and all guidelines and regulations of the Owner (provided same are not less stringent than applicable codes) with the Owner serving as the interpreter of the intent and meaning of SREF or any other applicable code (all of the above-referenced codes, laws, regulations and standards referenced therein are herein collectively referred to as "**Code**");
- .2 Be provided for the benefit of the Owner and not for the benefit of any other party; and
- .3 Include all of the design services normally required for a project of this type as listed in the Project Scope (Attachment 2 to this Agreement).
- .4 Notwithstanding any other provisions of this Agreement to the contrary, any substantially affected person may appeal any building code dispute or interpretation of the Chief Building Official of the School Board of Broward County, Florida to the Florida Building Commission as set forth in section 1013.37, Florida Statutes and the FBC, as amended.

2.1.6 The Project Manager shall schedule and conduct a bi-weekly project review meeting with representatives of the Project Consultant throughout Phases I through IV of the Project. At each of these meetings, the Project Consultant and Owner shall review the Project's budget, schedule, and scope along with the Project Consultant's development and progress to date on the respective phases of the Project and any special problems related to the continuing progress of the project. The Project Consultant shall attend weekly meetings during Phase V (Construction) as required elsewhere in this Agreement. For each project review meeting, and as may be otherwise appropriate during any project phase, the Project Consultant shall provide progress sketches and other documents sufficient to illustrate progress and the issues at hand for the Owner's review, which will be made so as to cause no delay to the Project Schedule.

2.1.7 The Project Consultant's services shall conform to Owner's specifications, including but not limited to, Owner's Design and Materials Standards Manuals, Design Criteria, Educational Specifications, Document

Submittal Checklist for Plan Review and Owner's Forms for capital projects, provided, however, that in the event of conflict, the provisions of this Agreement shall govern.

- .1 **Non-Conforming Work:** If the Owner (by way of BCI's or other Owner personnel or consultant) observes or otherwise becomes aware of any fault or defective Work in a project, or other non-conformance with the Contract Documents during the construction phases, the Owner or Program Manager shall give prompt notice thereof to the Project Consultant. However, whether the Owner observes a defect or not, it is the Project Consultant's duty and responsibility to determine whether said Work is defective, faulty, or not in compliance with the Contract Documents. If the Project Consultant determines that the Work is defective, faulty or not in conformance with the Contract Documents, the Project Consultant shall advise the Owner in writing and make recommendations to the Owner concerning correction of the Work. The Owner may then require the Contractor to undertake such corrections as allowed by the Contract Documents. Final determination of whether the Work is defective, faulty or in compliance with the Contract Documents is to be determined by the Owner.
  - .2 **Penalty for Non-Conforming Design Documents:** Should the Project Consultant submit drawings, plans, specifications or other documents or materials for review as required herein that are deemed unacceptable as defined by the terms "Revise and Resubmit" by the plan review authority (Building Department, Design Services Department, Peer Plan Review Consultant), the costs, as solely determined by the Owner, for all subsequent reviews after the second review for that Phase shall be borne by the Project Consultant and the Owner will deduct such costs from the Project Consultant's Basic Services Fee.
- 2.1.8 The Project Consultant shall keep the Owner informed of any proposed changes in requirements or in construction materials, systems or equipment as the drawings and specifications are developed. Proposed changes must be reviewed by the Owner and approved in writing by Owner prior to incorporation into the design or construction documents.
  - 2.1.9 The Project Consultant shall coordinate with Owner by participating and taking a leadership role in, reviewing and commenting on Constructability and Value Engineering studies performed by Owner, and attending meetings, where the content of design and construction contract documents will be coordinated and reconciled, scheduled during any phase of the project. In the event Owner accepts recommendations from Value Engineering and Constructability studies, the Project Consultant shall implement same, including providing revised drawings and specifications or other documents. In the event the Owner accepts such a recommendation from the Constructability and/or Value Engineering studies and requires substantial revisions by the Project Consultant, as determined at the discretion of the Owner, these revisions shall be considered Supplemental Services.
  - 2.1.10 **Approval of Documents:** Owner's approval of or comments on any of the documents submitted to Owner by Project Consultant shall not be deemed the approval of or by another governmental authority having jurisdiction over the project and Project Consultant acknowledges that the aforesaid authorities may require modifications of any of the documents submitted by Project Consultant. Subject to Article 2, such modifications shall be made at no cost to Owner.

## 2.2 PHASE I - Schematic Design:

- 2.2.1 The Project Consultant shall confer with representatives of the Owner to verify and confirm the Program (as appropriate to the type of project), consisting of a detailed listing of all functions and spaces together with the square footage of each assignable space, gross square footage, and a description of the relationships between and among the principal programmatic elements. (If the project needs are so unique that a special analysis of the requirements is necessary to establish a more detailed program, such services may be authorized as Supplemental Services).
- 2.2.2 The Project Consultant shall, prior to commencing Phase I design activities, receive a fully approved and executed ATP and Purchase order (See 5.2.3), visit and inspect the site to verify if existing conditions conform to those portrayed on information as may have been provided by the Owner:
- .1 Take photographs and make written documentation, sketches, notes or reports to confirm and record the general condition and age of the existing equipment and site with particular attention to the following building/site elements as appropriate to the Project:
    - .1 All above ceiling areas.
    - .2 Power supplies, switch gear, breaker panels, electrical room, electrical vault, transformers and mechanical room.
    - .3 Major components of existing HVAC systems including chillers, cooling towers, air handling units, and primary ductwork runs.
    - .4 Roofing, waterproofing and building envelope systems.
    - .5 Site drainage systems and water retention characteristics.
    - .6 Determine age and condition of fixed equipment.
    - .7 Life safety, fire alarms, public address, generators and emergency lighting.
    - .8 ADA requirements.
  - .2 Site investigations and inspections and access to concealed areas should be non-destructive except where destructive investigations, tests or means of access are authorized in advance by the Owner.
- 2.2.3 In the event that the Project Consultant believes that the project scope, schedule or budget is not achievable, the Project Consultant shall immediately notify the Owner in writing as to the reasons one or all of them are unreasonable or not achievable immediately upon discovery.
- 2.2.4 The Project Consultant shall review with Owner alternative approaches to design and construction of the project; site use and improvements; selections of materials, building systems and equipment; potential construction methods; and, if requested, shall make a recommendation among such alternatives.
- 2.2.5 The Project Consultant shall prepare, submit and present to Owner for approval by the Owner a Design Concept and Schematics Report, comprised of the SREF requirements for Schematic Design Documents and Schematic Design Studies, including an identification of any special requirement(s) affecting the Project, a Project Development Schedule, and a Statement of Probable Construction Cost, as defined below:

- .1 "Project Transmittal Form" as required by the Facilities and Construction Management Division's Design Services Department.
- .2 OEF form 208(a) "OEF Space Chart Form" formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.
- .3 A hardcopy and electronic media copy of a site survey with the following information: the legal description of the site, acreage, points of the compass, contours, overall dimensions, vegetation, trees, hardscape elements, adjacent highways and roads, information about ownership and use of adjacent land, locations of on- and off-site utility connections, utility service point entry locations, parking areas, service areas, play areas, athletic fields, bus loop(s), parent drop off, existing buildings with height, mechanical cooling towers and chillers, floor elevations (related to base flood elevation as shown on Flood Insurance Rate Maps), and use. The site survey will be an update of informational surveys provided by the Owner but shall be prepared on electronic media and submitted in both hard and electronic media formats. (Attachment 3 to the Agreement).
- .4 **Schematic Drawings.** These documents shall be schematic drawings responding to the educational specifications and program requirements illustrating the general scope, scale, and relationship of project components. In addition to SREF requirements and information required by the Owner's document submittal checklist for phase I, the documents shall include the following:
  - .1 A site plan showing acreage, points of the compass, scale, contours and general topographical conditions, flood plain elevation and velocity zone, over-all dimensions, adjacent highways, roads, off-site improvements, emergency access, fire hydrants, power transmission lines, ownership and use of adjacent land, walks and paths, vehicle and bike parking areas, accessibility for the disabled, service areas, play areas, athletic fields, bus loop(s), parent drop off, existing buildings and use, location of proposed building(s) and future additions, portable classrooms and other relocatable or temporary structures, community use buildings, phased construction, preliminary soil borings. A statement shall be included on the site plan identifying the FEMA flood plain and velocity zone in which the project is located. The statement shall be signed and dated by the Project Consultant.
  - .2 Evidence, as jointly developed with the Owner, showing that required environmental studies have been completed and sensitive site areas have been identified as required by Florida Law or the Owner or any governmental entity having jurisdiction over the project site.
  - .3 Floor plans showing points of the compass, over-all dimensions, identity of each space, proposed door locations, accessibility for the disabled, Florida Inventory of School House (FISH) numbers, occupant load of each space, proposed passive design and low energy usage features, possible community service areas and instructional spaces that can be converted to community use areas, mechanical and electrical rooms, any existing buildings and use, future additions, and phased construction. Provide a life-safety plan delineating the necessity for and initial decisions concerning exits, accessibility for the disabled, fire walls, protected corridors, smoke partitions, fire alarm systems, fire sprinkler systems, room names and numbers, and any other life-safety features relevant to the facility.
  - .4 Provide elevations and sections of the building to fully illustrate and indicate the mass and character of the facility including fenestration, openings, walkways, preliminary material selections, and other building features and spatial relationships.

- .5 A Preliminary Project Description comprised of a narrative discussion of preliminary material selections, components, assemblies, and systems (including proposed landscape, civil, structural, mechanical, and electrical design elements, components and systems) to be used in the project. Coordinate points of service and preliminary service requirements with Florida Power and Light (FPL), BellSouth, cable TV, water, sewer, storm drainage and other utility services as required by the Project's scope and program. Format Preliminary Project Descriptions to match that specified by the latest edition of the Construction Specification's Institute's "Manual of Practice".
- .6 Mechanical Requirements Specific to Remodeling and Addition Projects: Provide a listing of capacities for existing HVAC equipment and the available tonnage for the new connected load. Provide a survey of the condition of the existing mechanical equipment.
- .7 Electrical Requirements Specific to Remodeling and Addition Projects: Provide an electrical load analysis for the existing facility for existing and new loads. Provide a survey of the condition of the existing electrical equipment and the communication equipment room.
- .8 **A Project Design Schedule:** The Project Consultant shall prepare a schedule of services (Project Design Schedule) in compliance with Project Schedule and for approval by the Owner. Such schedule shall show activities including but not limited to Project Consultant efforts and Owner reviews and approvals required to complete services. This schedule shall initially be submitted to Owner for approval within twenty-one (21) days of execution of this Agreement. As a condition of payment, Project Consultant will submit with each invoice a copy of the approved schedule showing progress (indicated by percentage complete) as of the invoice cutoff date and a forecast of when each phase of Project Consultant's work will be complete. No subsequent payment shall be made if Project Consultant has not obtained approval of his work schedule, the schedule is not updated, or a forecast is not submitted with each invoice (provided that Owner conducts its review promptly and does not withhold its approval unreasonably). The project development schedules shall set forth in detail the following:
  - .1 Include all activities required to complete the design phase of the project.
  - .2 Prepare in a bar chart format, or other format as required by the Owner, which may be further developed and updated for submittal during subsequent phases of the Basic Services.
  - .3 The Project Consultant shall not be permitted to deviate from the milestones indicated on the Project Schedule without specific written authorization from the Owner (Attachment 1 of this Agreement).
- .9 The Statement of Probable Construction Cost: The Consultant shall submit to Owner for review and Owner's approval a schematic design phase estimate of probable construction cost prepared by an independent cost estimator approved by Owner, itemized by major categories and projected to the expected time of bid.
- .10 Twenty-five (25) copies of a Design Concept and Schematics Report which will be utilized to communicate the schematic design and shall include: Reduced color drawings (Site and building plans, elevations, sections, sketch perspectives and miscellaneous diagramming), photographs of massing and building models, a facilities list (including the number of spaces, net/gross square footages, etc.), the Project Development Schedule, and a summary design statement indicating the general design intent, conceptual development, and preliminary material, assembly and system

selections. Provide brochure with heavy stock covers and plastic comb or metal spiral binding. Additional copies of the Schematic Design Brochure if required by the Owner will be compensated as a reimbursable service approved in advance by the Owner.

- 2.2.6 The Project Consultant shall coordinate with the assistance of the Owner to determine the municipal, county and other jurisdictional agency (such as the South Florida Water Management District, etc.) coordination required for the Project and, make applications for site plan and other review as appropriate to this phase of the project. The Project Consultant shall attend and provide representation at all review meetings, workshops, hearings and Commission/Council meetings concerning the project as conducted by any and all other agencies having jurisdiction over the project.
- 2.2.7 The Project Consultant shall submit seven (7) copies of all full size documents required under this Phase, and a completed document submittal checklist, without additional charge, for review and approval by the Owner. The Project Consultant shall not proceed with the next Phase until the completion of all required presentations and reports and receipt of a written Authorization to Proceed with the next phase.
- 2.2.8 The Project Consultant shall provide presentations of the Schematic Design to the Owner's staff, Design Review Committee and to The School Board of Broward County, Florida, as required.

### **2.3 Phase II - Design Development:**

- 2.3.1 Only after receiving a fully approved and executed ATP and Purchase order (See 5.2.3), from Owner and based on the approved Schematic Design Documents and any adjustments authorized by Owner in the Project Scope, Project Schedule or Project Budget, the Consultant shall prepare, submit and present for review and approval by the Owner, Design Development Phase documents, comprised of the SREF requirements for Design Development documents and the following:
  - .1 "Project Transmittal Form" as required by the Facilities and Construction Management Division's Design Section.
  - .2 OEF form 208 (a) "OEF Space Chart Form" formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.
  - .3 **Documents:** These documents shall be design development drawings corresponding to the educational specifications and program requirements illustrating the general scope, scale, and relationship of project components. In addition to Phase I requirements, SREF requirements, and information required by the Owner's document submittal checklist for phase II, the documents shall include the following:
    - .1 Architectural and Civil site plan(s) showing, in addition to Phase I site survey requirements, landscaping, drainage, water retention ponds, sewage disposal and water supply system, chilled water supply and return piping and such physical features that may adversely affect or enhance the safety, health, welfare, visual environment, or comfort of the occupants.
    - .2 A statement, signed and dated by the Project Consultant or his designated Sub-Consultant, included on the site plan identifying the number of existing trees, the number and size of required trees, and the number of new trees to be planted.



- .3 Soil testing results including a copy of the Geotechnical Engineer's report on the site. When unusual soil conditions or special foundation problems are indicated, submit the proposed method of treatment.
- .4 Plan(s) including, but not be limited to, the following:
  - .1 Floor plan drawn at an architectural scale that will allow the entire facility to be shown on one sheet, without break lines and which indicates project phasing as applicable to the Project.
  - .2 Floor plans drawn at 1/8 inch or larger scale showing typical student occupied spaces or special rooms with dimensions, sanitary facilities, stairs, elevators, and identification of accessible areas for the disabled.
  - .3 Floor plans drawn at 1/4 inch or larger scale showing typical spaces or special rooms with dimensions, equipment and furnishing layouts.
  - .4 Floor plans for additions to an existing facility: Indicate the connections and tie-ins to the existing facilities, including all existing spaces, exits, plumbing fixtures and locations, and any proposed changes thereto. Distinguish between new and existing areas for renovation, remodeling, or an addition.
  - .5 Floor plans drawn at 1/4 inch or larger scale showing typical spaces or special rooms with dimensions, indicating door and window layouts.
  - .6 Reflected ceiling plans drawn at 1/4 inch or larger scale showing typical spaces or special rooms with dimensions, lighting equipment and ceiling panel layouts.
  - .7 Roof plans drawn at 1/4 inch or larger scale showing typical spaces or special rooms with dimensions, equipment layouts.
- .5 Life-safety plans to show exit strategy, rated doors, emergency wall openings, fire walls working stage protection, range and fume hoods, eye wash, emergency showers, ramps and vertical lifts.
  - .1 By symbol, indicate fire extinguishers, fire alarm equipment, smoke vents, master valves and emergency disconnects, emergency lighting, emergency power equipment, fire sprinklers, exit signs, smoke and fire dampers, and other life-safety equipment relevant to the facility.
  - .2 By symbol, indicate connections and tie-ins to existing equipment.
  - .3 For existing facilities where remodeled or renovated spaces are required and where an ADA and code conforming ramp cannot be utilized, document proposed vertical platform lifts or inclined wheelchair lifts and provide the following documents as part of or in addition to the required life safety plans:
    - .1 Sketches of proposed vertical platform lifts, including layout drawings showing the effect of the lift on existing spaces, corridor widths and exiting from the affected facility.

- .2 Sketches of proposed inclined wheel chair lift including layout drawings showing the effect of the lift on the stairway width in the folded and unfolded position, the upper and lower platform storage locations, and the effect on exiting from the affected areas of the facility.
- .6 When planning open space schools or administrative spaces, a floor plan shall be submitted showing the methods used to permanently define the means of egress, such as surface finish or color.
- .7 Plumbing fixture locations and fixture unit calculations.
- .8 All exterior building elevations and sufficient building sections as necessary to fully illustrate and indicate the scale and massing of the facility.
- .9 Typical building sections to show dimensions, proposed construction materials, and relationship of finished floor to finished grades.
- .10 Preliminary Structural Drawings including plans and sections indicating systems, connections and foundations. These drawings may be structural roughs.
- .11 Mechanical Drawings including reflected ceiling plans and a single line diagram of the duct layout, location of grease trap(s), LP gas tank location, and natural gas pipe lay out, tie in to existing utilities. Enhance systems description to include a description of proposed HVAC system equipment including the chiller, pumps, AHU's, cooling tower, electric duct heaters, etc.
- .12 Electrical Drawings including reflected ceiling plans, lighting layouts for the outdoors and interior spaces, and a one line diagram of the electrical distribution showing electrical outlets for all systems in all spaces. Provide layout for energy management, computer networking and security systems. Location of all the main components of the electrical system such as transformers, panels, and main switch board, and emergency generator, location of the intercom console, ITV head end and tower, master clock, fire alarm panel. Also, show locations of mechanical equipment such as chillers, air handler units, etc. and their respective electrical connections.
- .13 **Equipment and Furnishing Schedules:** Indicating equipment and furnishing items that will be provided by the Contractor and those that will be provided by the Owner or others.
- .14 **Outline specifications:**
  - .1 Organized according to the Specification Section numbering system specified in the Construction Specifications Institute's current edition of Masterformat on the date of execution of the Contract.
  - .2 Formatted to conform to the formats for outline specifications as established by the Construction Specifications Institute.
  - .3 Complete for Divisions 2 through 17 giving general description of all finishes, materials, and systems including civil, structural, HVAC, electrical, plumbing, and specialty items, including fire sprinklers, alarm systems, electronic controls and computer networking components.
- .15 Office of Educational Facilities Life-Cycle Cost Analysis (LCCA). LCCA shall be submitted to the Owner for review and approval with the Phase II documents. LCCA shall be by a commercially available life-cycle cost analysis program, and as required by the Department of Education and the

Owner. Life Cycle Cost Analysis shall be compared among competing providers in accordance with Ch. 1013.451, Florida Statutes.

- .16 Florida Energy Efficiency Code for Building Construction (FEEC). FEEC forms, including calculations for mechanical systems, documenting energy efficiency ratio rating of HVAC equipment, electrical systems, insulation, and building envelope shall be submitted to the Owner for review and approval with the Phase II documents.
- .17 The Project Consultant shall advise Owner of any adjustments to the Schematic Design Phase estimate of probable construction cost and shall submit to Owner a fully detailed Design Development Phase estimate of probable construction cost, by an independent cost estimator approved by Owner, projected to the expected time of bid and containing sufficient detail to provide information necessary to evaluate compliance with the Project Budget set for this project. Format estimate and provide detail matching the organization and content of the project's Outline Specifications complete for Divisions 2 through 17 including all finishes, materials, and systems including civil, structural, HVAC, electrical, plumbing, and specialty items, including fire sprinklers, alarm systems, electronic controls and computer networking components.  
  
Utilize the current edition of MasterFormat as published by the Construction Specifications Institute to organize the estimate.
- .18 An updated Project Design Schedule reflecting development and anticipated schedules for all subsequent project activities.
- .19 A written response from the Project Consultant and each of the major technical disciplines and any necessary Sub-Consultants explaining how each previous review comment (as generated by the Owner and/or other reviewing agencies) concerning the project have been addressed and/or corrected.
- .20 A simplified single line floor plan of the project; a database format schedule reflecting the room numbers; the name of the room or space; the net square footage of the space and the capacity of the space on electronic media conforming to the Owner's standards for graphics and for electronic media submittals. This drawing and database information will be for use in preparing F.I.S.H. (Florida Inventory of School Houses) information. The Project Consultant shall coordinate with and utilize the Owner's F.I.S.H requirements for room numbers, room name assignments and electronic media (format, layering, etc.) prior to developing final documents for this submittal. Hardcopy graphics shall be suitable for clearly legible half size reductions. Comply with the Owner's requirements for electronic media specified below.
- .21 A letter indicating, after coordination with the Facilities and Construction Management Division's Environmental Section, the extent of any known or suspected asbestos containing materials or other potentially hazardous materials which might require mitigation by the Owner prior to or during construction of the Project. Establish and confirm responsibility for removing the asbestos or other hazardous materials in the design development documents and coordinate with Project Development Schedule, Statement of Probable Construction Cost and other documentation.
- .22 Preliminary colorboards to review the color selections for all finish materials with the Owner.

.23 Twenty-five (25) copies of a Design Development Brochure which will be utilized to communicate the design as developed to date and shall include updated and enhanced contents of those brochures required at the Schematic Design Phase complete as necessary to illustrate the developed design, schedules, etc. Additional copies of the Design Development Brochure if required by the Owner will be compensated as a reimbursable service approved in advance by the Owner.

2.3.2 Staff from each of the Project Consultant's major technical disciplines and Sub-Consultants as necessary shall attend coordination, review and presentation meetings with the Owner to explain the design concept and technical resolution of their respective building or site systems.

2.3.3 The Project Consultant shall submit seven (7) sets of all documents required under this Phase (except as otherwise indicated), without additional charge, for review and approval by the Owner, and the Project Consultant shall not proceed with the next Phase until the completion of all required presentations and reports and receipt of a written Authorization to Proceed with the next phase.

#### **2.4 Phase III - Construction Documents Development:**

2.4.1 Only after receiving a fully approved and executed ATP and Purchase order (See 5.2.3) from Owner and based on the approved Design Development Phase documents and any adjustments in the scope or quality of the project or in the Fixed Limit of Construction Cost authorized by Owner, the Project Consultant shall prepare for approval by Owner and the Florida Department of Education, and in accordance with SREF requirements and the Owner's formats, Final Construction Documents setting forth in detail the requirements for the construction of the Project. The Project Consultant is responsible for the full compliance of the design with all applicable codes.

2.4.2 **50% Construction Documents Submittal:** The Project Consultant shall make a 50% Construction Documents submittal, for review and approval by the Owner, which shall include seven (7) sets of the following:

.1 "Project Transmittal Form" as required by the Facilities and Construction Management Division's Design Section.

.2 An updated OEF form 208(a) "OEF Space Chart Form" formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.

.3 Updated Florida Energy Efficiency Code for Building Construction (FEEC) compliance forms. Submit seven (7) copies signed and sealed by a State of Florida registered design professional with 50% Contract Documents submittal.

.4 **Preliminary calculations:** Provide preliminary calculations for structural, mechanical and electrical systems.

.5 **Drawings:** These documents shall be 50% construction drawings corresponding to the educational specifications and program requirements illustrating the general scope, scale, and relationship of project components. In addition to Phase II requirements, SREF requirements, and information required by the Owner's document submittal checklist for phase III 50%, the documents shall include the following:

.1 Site Plan(s) and detailing which, in addition to the Phase II requirements, indicate:

- .1 Spot elevations, based on the civil grading plan, for the perimeter of the new additions, sidewalk, or any other areas pertinent to the drainage of rainwater.
  - .2 Location of storm water service for new additions roof drainage.
  - .3 Parking lot lighting poles location and type.
  - .4 Final location for manholes, handholes, pull boxes.
  - .5 Layout of underground distribution systems (normal power emergency power, fire alarm, master clock, intercommunication, television, telephone, security, control and spares).
  - .6 Locations of all site improvements, playground and athletic equipment, street furniture, planters and other features.
  - .7 Details of all curbing, typical parking spaces (regular and handicap accessible), handicap ramps, bus loop(s), parent drop-off, directional signage, site lighting, flagpole and fence foundations, and any other site conditions pertinent to the scope of work.
  - .8 Plans of new playcourts, tennis courts, tracks, event pads and other pertinent athletic, physical education or recreational areas provided with court markings and detailing for basketball goals, volleyball sleeves, tennis nets, and other playcourt equipment or accessories.
- .2 A plan to delineate staging areas, site barriers and other area designations to control and separate students, faculty, staff and the public from construction activities and traffic.
  - .3 Landscape plans and detail including a plant list clearly noted and cross referenced, details for shrub and tree plantings, identification of plants and trees to remain, be removed or relocated, and other necessary documentation.
  - .4 Irrigation plans and details delineating the entire area of the project, and addressing necessary connections, alteration, repair or replacement of any existing irrigation systems.
  - .5 **Full floor plans including:**
    - .1 All dimensions and any cross references explaining the extent of Work, wall types, or other component, assembly or direction regarding the Construction.
    - .2 Note all chases and delineate all rainwater leaders.
    - .3 Show structural tie columns and coordinate with the floor plan.
    - .4 Cross referenced interior elevations.
    - .5 Delineate and note all built-in cabinetry or equipment.
    - .6 Identify room (F.I.S.H.) and door numbers with all doors having individual numbers.

- .6 **Demolition Plans:** Indicate required demolition activities. as follows:
- .1 Provide separate demolition plan(s) and other drawings (elevations, sections, etc.) as necessary if the scope of work includes demolition which is too excessive to indicate drawings depicting new construction.
  - .2 Indicate notes on the extent of the demolition: address dimensions at locations where partial walls are being removed or altered, existing room names and numbers, existing partitions, equipment, plumbing, HVAC or electrical elements.
  - .3 Include notes dealing with protection of existing areas as a result of demolition.
  - .4 Delineate any modifications to existing buildings involving structural elements within the structural documents rather than on the architectural.
- .7 Building elevations developed further than at Phase II and including delineation of building joints (including dimensionally located stucco control joints), material locations, elevation heights, and other building features.
- .8 Building and wall sections to establish vertical controls and construction types for the Project. Include clear graphics, and notes on construction assemblies and systems to be used, dimensions, heights. Provide associated detailing to delineate solutions for difficult connections. Specify details for any fire walls to be constructed.
- .9 Reflected ceiling plans indicating ceiling types, heights, light fixture types, mechanical diffuser locations, and sprinkler heads if area is sprinklered. Delineate and detail any dropped soffits or joint conditions between different materials. Ensure coordination with architectural, electrical, mechanical and plumbing disciplines and work of any applicable Sub-Consultants.
- .10 **Roof plans:**
- .1 Indicating all roof penetrations, including drains, scuppers, mechanical exhaust fans, any other equipment on the roof, slopes of roof with elevations shown, type of roofing system to be used, expansion joints, typical parapet and flashing details.
  - .2 Dimensions to locate the items noted previously, and cross references shown.
- .11 Large scale building details as appropriate to this level of document development and as required to establish vertical controls for the Project. Include clear graphics, and notes on construction assemblies and systems to be used, dimensions, heights. Provide associated detailing to delineate solutions for difficult connections.
- .12 Interior elevations of all classroom designs including cross references of cabinetry details, dimensions and heights, notes indicating type of equipment (and whether equipment is in or out of contract), wall materials, finishes, and classroom equipment and accessories.
- .13 Details of casework as necessary to appropriately delineate custom or pre-manufactured casework. Provide appropriate schedules referencing manufacturer's numbers or catalogs, finishes, hardware and other construction characteristics.

**.14 Details of the following:**

- .1 Door jamb, head and sill conditions.
- .2 Wall and partition types.
- .3 Window head, sill and jamb conditions, and anchorage methods shown, in lieu of referencing to manufacturer's standards.
- .4 Interior signage to include classroom and building identification, emergency exiting and equipment signs, and any other items pertinent to the identification of the project. Coordinate with electrical discipline.
- .5 Interior or exterior expansion control connections.
- .6 Any other specialized items necessary to clearly express the intent of the project design.

.15 Room finish and door schedules coordinated with the floor plans, developed beyond Phase II.

.16 Structural foundation and framing plans, with associated diagrams, schedules, notes, detailing and section drawings completed sufficiently to communicate the design intent and coordination with other disciplines.

**.17 Mechanical Drawings:**

- .1 Provide double line duct work layout and HVAC equipment layout drawings with related diagrams and schematic diagrams, schedules, notes, detailing and section drawings completed sufficiently to communicate the design intent and coordination with other disciplines.
- .2 Provide plumbing equipment and fixture layout drawings with related diagrams, schedules, notes, detailing and section drawings completed sufficiently to communicate the design intent and coordination with other disciplines.
- .3 Provide 1/2 inch scale plans, elevations and sections of the mechanical rooms showing service clearance, room openings, nominal equipment size, ceiling height, duct clearance between bottom of joist and top of ceiling and any ceiling mounted lighting fixtures, electrical equipment or other building assembly or component, etc.

**.18 Electrical:** Provide drawings for the following systems:

- .1 Lighting including circuiting and luminaire identification and switching. Also provide illuminance computer printout for all indoor typical indoor spaces and parking lots.
- .2 Convenience outlets and circuiting, special outlets and circuiting, television outlets, and power systems and equipment. Provide riser diagrams for all electrical systems including master clock, intercom, fire alarm, ITV, computer networking/telephone. Also, provide for emergency and normal power distribution. Provide luminaire schedule.

- .3 Panel schedule may be in preliminary form but circuitry must be included.
  - .4 Applicable installation details.
  - .5 General legend and list of abbreviations.
  - .6 Voltage drop computation for all main feeders.
  - .7 Short circuit analysis
  - .8 Provide 1/2" scale floor plan and wall elevations for all electrical rooms.
  - .9 Indicate surge protector for main switchboard and electrical panels.
- .6 Progress specifications:**
- .1 Provide preliminary Project Manual including front end documents. Completion of fill-in items in Bidding documents and other "Division 0" documents is not required.
  - .2 Provide a preliminary Division 1 based upon the standard documents provided by the Owner, and edited by the Project Consultant after consultation with the Owner to establish project specific requirements.
  - .3 Include progress set of all other Sections in Divisions 2-17 with each section developed to demonstrate to the Owner an understanding of the project and an appropriate level of developmental progress comparable to that of the drawings.
  - .4 Specification sections shall be organized to follow the Construction Specification Institute's (CSI) current edition of MasterFormat with each section developed to include CSI's standard 3-part section and page formats with full paragraph numbering.
  - .7 An updated Project Design Schedule, reflecting continued Project development and illustrating anticipated schedules for all subsequent project activities including permitting and submittal coordination with all agencies having jurisdiction on the Project. Format updated schedule as a Bar Chart (Gantt Chart) type schedule with milestones.
  - .8 Colorboards illustrating color selections, finishes, textures and aesthetic qualities for all finish materials for final review and approval by the Owner and to establish a final pallet of material selections for development of subsequent specifications, schedules and other requirements for incorporation into the Contract Documents.
  - .9 A letter from the Project Consultant and each of the major technical disciplines and any necessary Sub-Consultants or explaining how each previous comment concerning the project has been addressed and/or corrected.

**2.4.3 100% Construction Documents Submittal:**

- .1 Upon receipt of written approval of the Phase III 50 % Construction Documents and a fully approved and executed ATP and Purchase order (See 5.2.3), the Project Consultant shall proceed with the rest



of Phase III Construction Documents.

- .2 Upon 100% completion of the Construction Documents, the Project Consultant shall submit to the Owner seven (7) copies of check sets of the Drawings, Specifications, reports, programs, a final up-dated Project Development Schedule, a final up-dated Statement of Probable Construction Cost and such other documents as reasonably required by Owner. The 100% construction documents shall conform to SREF requirements, all mandatory requirements cited by the Florida Department of Education (or the designated reviewer) and those listed below.
- .3 All documents for this phase shall be provided in both hard copy and in electronic media. The Owner will review and approve Phase III documents for submission to the Department of Education (or designated reviewing agency) for review and approval. The following Phase III contract documents shall be included with the Phase III submittal:
  - .1 "Project Transmittal Form" as required by the Facilities and Construction Management Division's Design Section.
  - .2 OEF form 208 "OEF Project Transmittal Form".
  - .3 OEF form 208 (a) "OEF Space Chart Form" formatted to follow the sequence of spaces listed in the SREF Size of Space and Occupant Design Criteria Table.

#### 4 **General Requirements.**

- .1 **Record Set.** This submittal is the official record set and shall be the bid documents.
- .2 **Signed and Sealed/Statements of Compliance:** Only complete documents, properly signed and sealed by the Project Consultant and respective Sub-Consultants, will be accepted for review; in addition, these documents shall contain a statement of compliance by the architect or engineer of record that "To the best of my knowledge and belief these drawings and the project manual are complete, and comply with the State Requirements for Educational Facilities and all applicable and referenced building codes".
- .3 When requested by the Owner, engineering calculations for mechanical, electrical, and structural systems shall be submitted separately from drawings and the project manual.
- .6 **Drawings.** These documents shall be 100% construction drawings corresponding to the educational specifications and program requirements illustrating the general scope, scale, and relationship of project components. In addition to Phase III 50% requirements, SREF requirements, and information required by the Owner's document submittal checklist for phase III 100%, the documents shall include the following:
  - .1 Site plans including, but not limited to, area location map, legal description of property, demolition, excavation, utilities, finish grading, landscaping, mechanical, electrical, civil/structural, and architectural site plans.
  - .2 Plans and details including, but not limited to:

- .1 Title sheets including listing of Project Consultant, Program Manager, School Board of Broward County, a table of contents and statement of compliance by the architect or engineer of record. Each discipline shall have a list of abbreviations, schedule of material indications, and schedule of notations and symbols at the beginning of their section of the plans.
  - .2 Architectural sheets including floor plans, door, window and finish schedules, roof plans, elevations, sections, and details.
  - .3 Civil/Structural sheets including paving; bus loops; parent drop; service drive; parking; drainage; foundation plans; floor plans; roof plans; structural plans; sections; details; and, pipe, culvert, beam and column schedules.
  - .4 Mechanical sheets including floor plans; sections; details; riser diagrams; kitchen exhaust hoods; and, equipment, fan, and fixture schedules.
  - .5 Electrical sheets including floor plans; sections; details; riser diagrams; and, fixture and panel schedules.
  - .6 The drawings should indicate that the approved mechanical/electrical systems, from the Phase II FEEC/LCCA analysis, have been incorporated into the documents.
- .6 **Project Manual.** The Project Consultant, in its leadership capacity, shall review and coordinate with the Owner regarding the preparation of the following:
- .1 The necessary bidding information, the bidding forms, the conditions of the contract and Division 1 with respect to the foregoing documents and regarding any other Agreements necessary for construction of the project. However, in no case will Project Consultant amend or delete items from these documents without prior review and written approval from Owner.
  - .2 A project specific set of Division 1 specifications based upon master documents provided by the Owner, including all schedules, lists and inventories as required to complete the Owner's master documents including Contractor's Submittal schedules, warranty schedules, salvage schedules, preliminary construction schedule, etc.
  - .3 Final specification sections for Divisions 2 through 17 organized and formatted as required for the set of Phase III, 50% progress specifications.
  - .4 Approved alternate bid items, if required and authorized by the Owner, to bring the project within the Fixed Limit of Construction Cost (FLCC) which would permit Owner in its sole discretion to accept or reject portions of the construction of the project. No additional compensation shall be provided for bid alternates if they are part of the original scope of work.
- .7 A threshold building inspection plan, prepared by the Project Consultant, and the name of a certified threshold building inspector, as set forth in Section 553.79(5), Florida Statutes (2004) as amended from time to time, shall be submitted to the Owner and the Department of Education (as applicable) for review and approval with Phase III documents. Threshold building inspection plan documents shall be submitted for:

- .1 Any building greater than three (3) stories or fifty (50) feet in height, or
- .2 Any building with an assembly space that exceeds five thousand (5000) square feet in area, and an occupant load of five hundred (500) or more persons.
- .8 An Updated Statement of Probable Construction Cost as indicated by time factor, changes in requirements, or general market conditions.
- .9 A letter from the Project Consultant and each of the major technical disciplines and any necessary Sub-Consultants explaining how each previous review comment (as generated by the Owner and/or other reviewing agencies) concerning the project has been addressed and/or corrected.
- .4 If the Latest Statement of Probable Construction Cost exceeds the Fixed Limit of Construction Cost for construction, the Project Consultant shall review the materials, equipment, component systems and types of construction included in the Contract Documents with the Owner and may recommend changes in such items and/or reasonable adjustments in the scope of the Project (to be made at no additional cost to the Owner).
- .5 The Project Consultant shall make all required changes or additions and resolve all questions on the documents. The 100% complete Check Set shall be returned to the Owner. Upon final review and approval by the Owner the Project Consultant shall furnish seven (7) copies, signed and sealed of all Drawings and Specifications to the Owner without additional charge.
- .6 The Project Consultant shall, with the Owner's assistance, file the required documents for approval by governmental authorities having jurisdiction over the Project (including Broward County and municipalities and their constituent departments, the South Florida Water Management District, and other state, local or federal agency with jurisdictional authority over some aspect of the Project) and obtain certifications of "permit approval" by reviewing authorities prior to the commencement of Phase IV and early enough to ensure that the eventual contractors is not delayed by permit processing by Broward County, a municipality or other jurisdictional agency. The Project Consultant shall provide the original documents or reproducible copies as may be required for submittal to any and all governmental authorities. The Project Consultant shall attend and provide representation at all review meetings, workshops, hearings and Commission/Council meetings concerning the project as conducted by other jurisdictional agencies. Project Consultant shall assure the Owner that all mandatory requirements are complete prior to the bidding, included, but not limited to, those that may have a financial impact on the Project.
- .7 Staff from each of the Project Consultant's major technical disciplines and Sub-Consultants as necessary shall attend coordination, review and presentation meetings with the Owner to explain the development of the design concept and technical resolution of their respective building or site systems for both the Phase III, 50% and Phase III, 100% Submittals.
- .8 The Owner's review and approval of the drawings, specifications, calculations and other construction documents shall not relieve the Project Consultant of any responsibility for their accuracy, adequacy and completeness.

2.4.4 The Project Consultant shall make all changes to the documents as required by the Owner's review of the documents by issuing a written recommendation to the Owner, at no additional cost and resolve initially all questions of constructability, code compliance, coordination across disciplines, clarity of documents, compliance with Owner standards, or other issues raised by the Owner during their reviews of the documents. The Owner will retain the documents submitted at this phase.

## **2.5 Phase IV - Bidding and Award of Contract**

2.5.1 **Bid Documents Approvals and Printing:** Upon obtaining a fully approved and executed ATP and Purchase order (See 5.2.3), and all necessary approvals of the Construction Documents, and review and, approval by the Owner of the latest Statement of Probable Construction Cost, the Project Consultant shall assist Owner in obtaining bids and awarding construction contracts. The Project Consultant will provide reproductions of the drawings and specifications for bidding purposes at no additional cost to the Owner.

2.5.2 The Owner will issue the Bid Documents to prospective bidders and keep a complete "List of Bidders."

2.5.3 The Project Consultant shall render initial interpretations and clarifications of the drawings and specifications in a written format, supplemented by appropriate graphics. The Owner shall make all final determinations and/or interpretations as it relates to building code issues.

2.5.4 The Project Consultant shall attend a pre-bid conference as requested by the Owner.

2.5.5 The Project Consultant shall prepare addenda, if any are required, for the Owner to issue to all prospective bidders. No addenda shall be issued without the Owner's approval and if dimensional changes or extensive graphic changes are required the drawing sheets shall be revised and issued as addendum drawings as directed by Owner.

2.5.6 The Project Consultant shall be present at the opening of bids with the Owner's staff.

2.5.7 The Project Consultant shall participate with Owner in evaluating the bids and shall provide a written recommendation for bid award.

2.5.8 If the lowest responsive Base Bid received exceeds the Fixed Limit of Construction Cost the Owner will either:

- .1 Approve the increase of Project costs and award a contract or,
- .2 Reject all bids and rebid the Project within a reasonable time with no change in the Project,
- .3 Direct the Project Consultant to revise the Project scope or quality, or both, as approved by the Owner, and rebid the Project, or
- .4 Suspend or abandon the Project, or

2.5.9 Under Article 2.5.6.2 above, the Project Consultant shall, without additional compensation, modify the Construction Documents as necessary to bring the project within the Fixed Limit of Construction Cost. The providing of such service shall be the limit of the Project Consultant's responsibility in this regard and having done so, the Project Consultant shall be compensated in accordance with this Agreement. The Owner may

recognize exceptional construction market cost fluctuations before exercising the option provided in Article 2.5.6.2 above. The Owner agrees to discuss this issue with the Project Consultant prior to exercising this option.

- 2.5.10 If an estimate or cost analysis is required by the Owner for this phase, the Project Consultant shall utilize the previously established independent cost estimator, or a replacement acceptable to the Owner, to analyze bids and to assist in the preparation of any modified bidding documents or re-bid documents that may be required to ensure successful bidding within the Fixed Limit of Construction Cost.

## **2.6 Phase V - Administration of the Construction Contract:**

- 2.6.1 The Construction Administration Phase will begin with the award of the Construction Contract and will end when the Contractor's final Payment Certificate is approved by the Owner and after the one (1) year warranty period has expired. During this period, the Project Consultant shall provide Administration of the Construction Contract as set forth in the construction contract documents (hereafter referred to and defined as the "Contract Documents") between the Owner and the Contractor, as basic services.

- 2.6.2 The Project Consultant, as a representative of the Owner during the Construction Phase, shall advise and consult with the Owner within the limits established by this Agreement and the Contract Documents. The Project Consultant shall contemporaneously provide Owner with copies of all communications between Project Consultant and others concerning matters material to the cost, time, sequence, scope, performance or requirements of the project.

- 2.6.3 The Project Consultant and the Project Consultant's respective Sub-Consultants shall attend all key construction events as necessary to ascertain the progress of the Project and to determine in general if the Work is proceeding in accordance with the Contract Documents and the Project Schedule. A minimum of at least one site visit per week will be required by the Project Consultant. The Sub-Consultant will be required to visit the site at least once a week when their respective portion of the work is in progress.

- .1 The Project Consultant shall visit the site at least once per week to become familiar with the progress and quality of the Work and to determine if the Work is proceeding in accordance with the Contract Documents and Project Schedule. The Project Consultant shall coordinate the timing of these visits with the Owner's Representative so as to permit joint observations of the progress of the Work and discussions about project issues. On the basis of on-site observations as a Consultant, the Project Consultant shall keep Owner informed of the progress and quality of the Work. The Project Consultant shall promptly submit to Owner a detailed written report of the results of each visit to the site, and copies of all field reports and notes of meetings with contractor, subcontractors of any tier or suppliers.

- .2 The Project Consultant shall, based upon its on-site visits, promptly report to Owner any defects and deficiencies in the Work coming to the attention of Project Consultant and shall endeavor to guard the Owner against defects and deficiencies in the Work. This obligation is not reduced or limited by the fact that others, such as the UBCI, are undertaking inspection for or on behalf of the Owner. The Project Consultant shall make on-site observations utilizing the same personnel over the course of the Work. The Project Consultant shall assist the Owner in determining the cost of additional inspections due to the Contractor's failure to perform. Any changes in personnel must be in writing and issued to the Owner.

- .3 The Project Consultant shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work.
- 2.6.4 The Project Consultant shall at all times have access to the Work where ever it is in preparation or progress. The Project Consultant and the Sub-Consultants shall review and advise the Owner as to whether the Contractor is making timely, accurate, and complete notations on the "Project Record Documents" and maintaining various other administrative records as required by the Contract Documents. In addition, the Owner may at its discretion require the Project Consultant and all Sub-Consultants to submit additional written materials or forms to the Owner relating to or regarding the Project or its progress. Complete notations to the "as built" drawings shall include, but not be limited to all changes due to RFI's, ASI's, COD's, and CO's, in addition to the changes recorded by the Contractor, as noted above.
- 2.6.5 The Project Consultant shall initially interpret matters and provide recommendations concerning performance of Owner and Contractor under the requirements of the Contract Documents upon written request of Owner. The Project Consultant's response to such requests shall be made with reasonable promptness and within any time limits agreed upon. The Project Consultant shall render written advisory decisions, only upon the Owner's request, within a reasonable time, on all claims, disputes and other matters in question between Owner and Contractor relating to the execution or progress of the Work or the interpretation of the Contract Documents.
- 2.6.6 All initial interpretations and advisory decisions of the Project Consultant shall be consistent with the intent of, and reasonably inferable from, the Contract Documents and shall be in writing or in the form of drawings. In the capacity of interpreter the Project Consultant shall endeavor to secure faithful performance by both the Owner and Contractor, and shall not show partiality to either. The Owner shall be the final interpreter of any and all matters pertaining to the performance of the Project Consultant and Contractor.
- 2.6.7 The Project Consultant shall have authority to recommend rejection of Work which does not conform to the Contract Documents. The Project Consultant shall not have authority to stop the Work without approval of the Owner. Whenever, in the Project Consultant's reasonable opinion, it is necessary or advisable for the implementation of the intent of the Contract Documents, Project Consultant may recommend special inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is to be fabricated, installed or completed, but Project Consultant shall take such action only after consultation with Owner. The Project Consultant's monitoring of such additional special testing or inspections is a part of the Basic Services. Owner shall furnish all such tests, inspections and reports that are required by law or by the Contract Documents or that it has previously approved in writing, without waiving its right to reimbursement from Contractor. However, neither this authority of the Project Consultant nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty of responsibility of the Project Consultant to Contractor or other third parties performing portions of the Work.
- 2.6.8 The Project Consultant shall promptly review, and take other appropriate action upon Contractor's submittals such as shop drawings, product data and samples, but only for conformance with the design concept of the Contract Documents. Such action shall be taken within fourteen (14) days of receipt by Project Consultant unless Owner and Project Consultant otherwise mutually agree. Project Consultant's review shall not constitute review or approval of safety precautions or of construction means, methods, techniques, sequences or procedures. Project Consultant shall maintain a log of all submittals made and shall compare the submittals with Contractor's progress schedule. The Consultant shall not approve changes to the contract or substitutions through the regular submittal process but will utilize those respective methods specified in the Contract Documents. The Project Consultant shall be compensated for reviewing re-submittals after the first

re-submittal of a respective submittal as a reimbursable expense with the Owner reimbursed by the Contractor under provisions of the Contract Documents.

- 2.6.9 The Project Consultant shall coordinate with the Owner concerning the Owner's required review of Request for Proposals, Change Orders and Construction Change Directives. The Project Consultant shall:
- .1 Meet with the Owner prior to the preparation and execution of Request for Proposals, Contingency Use Directives and Change Order items to ensure that proposed changes comply with the intent of the Project's scope and construction schedule and whether the Contractor is entitled to additional sums or contract time for the proposed Work.
  - .2 Reconcile the Project Consultant's analysis of Request for Proposals, Contingency Use Directives and Change Order amounts with an analysis provided by Owner's chosen independent cost estimator and provide the Owner with a recommendation concerning the respective cost studies.
  - .3 Submit written and graphic information documenting proposed changes for formal review by the Owner.
  - .4 Review and indicate concurrence through signing Request for Proposals for Owner's authorization in accordance with the Contract Documents, shall have authority to order minor changes in the Work not involving an adjustment in the contract sum or an extension of the contract time and which are not inconsistent with the intent of the Contract Documents. Such minor changes shall be implemented through an Architect's Supplemental Instructions (ASI) issued through Owner. The Basic Services shall include providing recommendations concerning Request for Proposals, Contingency Use Directives and Change Orders, and the preparation, permitting and processing of Request for Proposals, Change Orders and Construction Change Directives. This Article shall not supersede Articles 2.9.1.14 or 2.9.1.16.
  - .5 Process, prepare and issue contract modification documents, Request for Proposals, Contingency Use Directives and Change Orders, in a timely manner and not allow the period required for evaluation, preparation or to issue such documents to exceed fourteen (14) days. The Project Consultant shall provide written notification to the Owner concerning those modification documents requiring more than fourteen (14) days processing time with an attached explanation of the circumstances requiring longer processing time.
  - .6 All final decisions with respect to substitutions, Request for Proposals, Change Orders, and other contract modifications shall be at the sole determination of the Owner.
- 2.6.10 The Project Consultant shall conduct thorough site observations, make recommendations and otherwise assist Owner in determining the dates of Substantial Completion and Final Completion, shall review, approve and forward to Owner for Owner's review, written warranties and related documents required by the Contract Documents and assembled by Contractor, and shall certify a final certificate for payment. At substantial completion, the Project Consultant shall prepare a punch list of observed items requiring correction, completion or replacement by Contractor. The Project Consultant shall administer the Contractor's submittal of various closeout submittals including warranty documents, operations and maintenance materials, extra materials, and other closeout submittals as required by the Contract Documents. The Project Consultant and the Sub-Consultants shall verify and confirm the Contractor's successful demonstration of equipment and systems and the training of the Owner's personnel as required by the Contract Documents. Project Consultant shall inspect the Project upon final completion to determine compliance with the Contract Documents and,

upon so determining, prepare and execute the required forms and other documents indicating that the Work is completed in compliance with the Contract Documents.

- 2.6.11 The Project Consultant shall within sixty (60) days of final acceptance provide the Owner with prints and electronic media copies of the original drawings, which the Project Consultant has revised to conditions based on information furnished by the Contractor as Project Record Documents. These prints and electronic media copies shall become the property of the Owner. Submittal of these documents to the Owner is a condition of final payment of construction support fees to the Project Consultant.
- 2.6.12 The Project Consultant shall assist Owner in determining amounts owing to Contractor based on observation at the site and an evaluation of Contractor's applications for payment and shall certify Certificates for Payment of such amounts as provided in the contract documents and in such forms as the Owner may request. The certification of the Certificate for Payment shall constitute the representation by Project Consultant to Owner based on Project Consultant's observation at the site and the data comprising Contractor's applications for payment, that the work has progressed to the point indicated; the quality of the work is in substantial accordance with the contract documents (subject to an evaluation of the work for substantial conformance with the contract documents upon substantial completion, to the results of any subsequent test by or performed under the contract documents, to minor deviations from the contract documents cited prior to completion, and to any specific qualification stated in the Certificate for Payment); and that the Contractor is entitled to the amount certified. However, the certification of the Certificate of Payment shall not be a representation that Project Consultant has made any examination, other than information which has come to Project Consultant's attention, to ascertain how and for what purpose Contractor has used the monies paid by the Owner.

## **2.7 Phase VI - Warranty Administration:**

- 2.7.1 Upon receiving a fully approved and executed ATP and Purchase order (See 5.2.3), and for one year following substantial completion of the construction project, the Project Consultant shall assist Owner, without additional compensation, in securing correction of defects, and shall in the sixth and eleventh months make inspections of the project with the Owner and report observed discrepancies to Owner.

## **2.8 Other Basic Services:**

- 2.8.1 The Project Consultant shall render to Owner without additional compensation, any proper and reasonable assistance which Owner may require as a result of any claim or any action brought relating to Project Consultant's services. Preparation of detailed analysis or documentation (if requested by Owner) shall be a supplemental service under Article 2.9.1.21 with a fully approved and executed ATP and Purchase order (See 5.2.3).

## **2.9 Supplemental Services**

- 2.9.1 The services listed below are normally considered to be beyond the scope of Basic Services as defined in this Agreement, and if authorized in advance by having received a fully approved and executed ATP and Purchase order (See 5.2.3), will be compensated for as provided under Articles 5.7 and 6.2:
- .1 Providing special analyses of the Owner's needs, and special detailed programming requirements for a project.
  - .2 Providing financial feasibility, or other special studies.



- .3 Providing planning surveys, site evaluations, or comparative studies of prospective sites.
- .4 Providing services relative to future facilities, systems and equipment which are not intended to be constructed as during the construction phase.
- .5 Providing services to make measured drawings of the existing site or facilities.
- .6 Providing the services of a cost estimating firm beyond the services required during Phases I-III to verify cost of the work as designed. The choice of the firm, qualifications of the firm and the terms of employment of the firm shall be approved in writing in advance by the Owner.
- .7 Providing interior design services required for or in connection with the selection of furniture or furnishings, except equipment included in the Construction Contract and identified in the educational specifications.
- .8 Providing investigations and making detailed appraisals and valuations of existing facilities, and surveys or inventories required in connection with construction performed by the Owner.
- .10 Providing the services of one or more full-time Construction Inspector during construction; including the services of a Special Threshold Inspector.
- .11 Providing extended assistance beyond that provided under Basic Services for the initial start-up, testing, adjusting and balancing of any equipment or system; extended training of Owner's personnel in operation and maintenance of equipment and systems, and consultation during such training; and preparation of operating and maintenance manuals, other than those provided by the Contractor, subcontractor, or equipment manufacturer.
- .12 Providing consultation concerning replacement of any Work damaged or built inconsistent with the Contract Drawings, providing the cause is found by the Owner to be other than by fault of the Project Consultant.
- .13 Providing consultation concerning replacement of any Work damaged by fire or other cause during construction, and furnishing services as may be required in connection with the replacement of such Work.
- .14 Preparing revisions of Schematic Design, Design Development, and Construction Document Phase Documents previously approved in writing by Owner, when so directed in writing by Owner, provided, however, that no compensation for Supplemental Services shall be paid for revisions which may be required when due to errors or omissions by the Consultant or when due to the fact that the lowest Bona Fide construction bid exceeds the "fixed limit of construction cost".
- .15 Providing services made necessary by the default of the Contractor, or any major unanticipated defects or deficiencies in the Work of the Contractor or any subcontractor not attributable in any way to an Error and/or Omission of the Project Consultant.
- .16 Preparing change orders and related documents provided the changes are significant changes (whether increases or decreases) in the scope of the project and are requested by the Owner and not for any changes due to any other reasons such as error or omission of the Project Consultant.

- .17 Providing revisions in drawings, specifications or other documents required by the enactment or revision of codes, laws or regulations subsequent to the preparation of such documents.
- .18 Preparing to serve or serving as an expert witness in connection with any public hearing, arbitration proceeding or legal proceeding.
- .19 Providing services after certification to the Owner of that Final Certificate for payment, and said payment has been made to the Contractor except those services that are a result of errors, omissions, or conflicts in documents prepared by the Project Consultant or are warranty related services.
- .21 Review of extensive claims by the Contractor or others relating to the Project. However, there shall be no additional charges to Owner from Project Consultant in the event the claims are not extensive or in the event the claims are determined by the Owner to be based upon the failure of the Project Consultant or Sub-Consultant to properly perform its services or to comply with the provisions of this Agreement.

### **ARTICLE 3 SUB-CONSULTANTS**

#### **3.1 Sub-Consultants' Relations**

- 3.1.1 All services provided by the Sub-Consultant shall be pursuant to appropriate Agreements between the Project Consultant and the Sub-Consultants which shall contain provisions that preserve and protect the rights of the Owner and the Project Consultant under this Agreement. All such Agreements shall provide that the Project Consultant may assign or transfer to Owner any and all claims or causes of action which the Project Consultant has or may have against a Sub-Consultant as a result of or relating to any acts of omission or commission of that Sub-Consultant.
- 3.1.2 Nothing contained in this Agreement shall create any contractual relationship between the Owner and the Sub-Consultants. However the Project Consultant is at all times liable for any and all negligent acts of omission or commission of its Sub-Consultants relating to or regarding this Agreement or the Project which is the subject of this Agreement. The Owner may, at any time, require the Project Consultant to assign or transfer to the Owner any claims or causes of action which Project Consultant has or may have against one or more of its Sub-Consultants as it relates to these contract obligations regarding or relating to this Project. Upon such request, the Project Consultant shall execute a written assignment or transfer in a form to be provided by the Owner. In the event the Owner requires the Project Consultant to assign or transfer said claims or causes of action then the Owner agrees to indemnify and hold the Project Consultant harmless from any claim or cause of action brought by a Sub-Consultant against the Project Consultant directly related to the claim of cause of action brought by the Owner against a Sub-Consultant as a result of such assignment.

#### **3.2 Proposed Sub-Consultants**

- 3.2.1 The Project Consultant proposes to utilize the following Sub-Consultants:  
Per Attachment 5 (Project Team Members)
- 3.2.2 The Project Consultant shall not change any Sub-Consultant without written prior approval by the Owner.

- 3.2.3 The Project Consultant, not later than ten (10) calendar days after the date of this Agreement, shall submit a list of contact information for Sub-Consultants which includes contact names, firm addresses, phone and fax numbers and internet (or other internet e-mail service provider) e-mail addresses.

#### **ARTICLE 4 THE OWNER'S RESPONSIBILITIES**

##### **4.1 Information, Documents, And Services**

- 4.1.1 Owner shall consult with Project Consultant and provide such information regarding requirements for the project, including a Project Scope, Budget and Schedule which shall set forth Owner's contemplated design objectives, constraints and criteria, including educational specifications, facilities lists, space requirements and relationships, flexibility and expandability, special equipment and site requirements as are reasonably necessary for Project Consultant to perform its services.
- 4.1.2 The Owner shall furnish a legal description and a certified land survey of the site. When possible, the Owner shall supply the certified land survey in hardcopy and electronic media formats. The certified land survey shall provide boundary dimensions, locations of existing structures and/or trees, the grade and line of street, pavement and adjoining properties, the rights, restrictions, easements, boundaries, topographic data and information relative to sewer, water, gas and electrical services.
- 4.1.3 Owner shall furnish the services of soil engineers or other consultants if such services are necessary and requested in writing by Project Consultant. Such services may include test borings, test pits, soil bearing values, percolation tests, air and water pollution tests, ground corrosion and resistivity tests, including necessary operations for determining subsoil, air and water conditions, tests for hazardous materials, chemical, mechanical, structural or other tests with reports and appropriate professional recommendations.
- 4.1.4 Owner shall furnish a Project Schedule for the project showing all activities and critical dates necessary to complete the project within the allotted time.
- 4.1.5 Owner shall furnish a Construction Budget which is the portion of the Project Budget allocated for the construction cost of a project and will be based upon the Fixed Limit of Construction Cost with an appropriate contingency factor. This contingency factor includes but is not limited to the demolition, destructive testing and repairs, directed by the Project Consultant, to adequately investigate and document the existing conditions of the facility.
- 4.1.6 **As-Built Documentation:** When available, drawings and other available documents which were purported to represent "as-built" conditions at the time of original construction will be furnished to the Project Consultant; however, they are not warranted to represent conditions as of this date. The Project Consultant shall perform non-destructive field investigations as necessary to obtain sufficient information to perform his services and as required by field conditions, or the Owner to verify wall assemblies, construction types or other basic information as required to develop the design and documentation necessary for the project. The demolition and repairs associated with the destructive testing shall be compensated as a reimbursable expense. The Owner encourages the use of destructive testing techniques (with prior approval) to retrieve information that can be utilized by the Project Consultant to clearly indicate the disposition of the existing facility and incorporate this information into the Contract Documents.
- 4.1.7 **District Standards and Submittal Checklist**

- .1 **Design And Material Standards:** The Owner will furnish an electronic copy of Design and Material standards for the Project Consultant's use in developing designs and documentation for the project. These documents are technical specifications and the intent of these documents is to convey basic Owner preferences to the Project Consultant. The Project Consultant shall review the content of the Design and Material Standards provided by the Owner and may consult with the Owner concerning discrepancies, errors or suggestions for the improvement of the provided documents. The Project Consultant remains responsible for the technical content and accuracy of documents produced under the terms of this Agreement.
- .2 **Design Criteria:** The Owner will furnish an electronic copy of the Design Criteria for the Project Consultant's use in developing designs for the project. These criteria are guidelines, which address owner related issues; including but not limited to, ease of maintenance, life cycle costing, and functionality of the facility.
- .3 **Document Submittal Checklist:** The checklist is a guideline indicating minimum requirements for the submittal of contract documents for each phase of the design process. The completed checklist form will be required with each submission for all applicable disciplines.

4.1.8 **Standard Construction Bidding And Contract Documents:** The Owner shall furnish the Project Consultant with sample bidding and contract requirements and general requirements containing the basic provisions and requirements of Owner. These documents are comprised of the Bidding Requirements, Contracting Requirements, and Division 1 Specification Sections that will be utilized by the Project Consultant to develop the construction contract documents required under the terms of this Agreement. The Project Consultant acknowledges that these Owner Standard Documents will be made available by the Owner and shall be reviewed and analyzed by the Project Consultant and that these documents shall serve as the basis for the Project Consultant's development of bidding documents for the Owner.

4.1.9 Owner shall arrange and pay for the required advertisements for bid.

4.1.10 Owner, assisted by Project Consultant, shall issue the bid documents to bidders, maintain the planholders list, and issue addenda.

4.1.11 Owner shall be responsible for issuance of formal notices to proceed (if any) to the Contractor.

## 4.2 Owner Furnished Items

4.2.1 The services, information, surveys and reports specified by Article 4.1 shall be furnished at the Owner's expense, and the Project Consultant shall be entitled to rely upon the accuracy and completeness thereof. However, if the Project Consultant reviews all of the information provided by the Owner (such as surveys, soil borings and "as-built" documentation) and determines additional information and/or testing is required to properly design the project, the Project Consultant shall request same from the Owner.

4.2.2 When documents, services, or other materials furnished by the Owner for the Project Consultant's use are deemed by the Project Consultant as inappropriate, inaccurate, or otherwise unreasonable, the Project Consultant shall notify the Owner immediately upon discovery of same. Failure of the Project Consultant to so notify the Owner shall result in the Project Consultant's being responsible for any costs, expenses, or damages incurred by the Owner and forfeiture of claims for damages, delays or other compensation related to the use of those Owner furnished materials.

4.2.3 The Owner shall furnish the above information or authorize the Project Consultant to provide it, as a supplemental service (except where otherwise stipulated), as expeditiously as possible for the orderly progress and development of the Project.

**ARTICLE 5 BASIS OF COMPENSATION**

**5.1 Professional Service Fees:**

5.1.1 The Owner agrees to pay the Project Consultant, and the Project Consultant agrees to accept for services rendered pursuant to this Agreement a fixed fee (as computed by the Fixed Fee method below) of: \_\_\_\_\_ Dollars. (\$ \_\_\_\_\_ .00)

<i>Reuse Fee</i>	
<i>(Fee Written Out)</i>	(\$ _____ )
<i>Site Adaptation Fee</i>	
<i>(Fee Written Out)</i>	(\$ _____ )
<i>(Other – Description) Fee</i>	
<i>(Fee Written Out)</i>	(\$ _____ )

**5.2 Fixed Fee:**

5.2.1 The Fixed Fee listed above is based on the scope of services for a project of this scope, size, complexity and Fixed Limit of Construction Cost (FLCC) of Construction of the project.

5.2.2 If the Owner authorizes a significant increase or decrease in the scope of the project, the Fixed Fee may be adjusted as mutually agreed upon. Changes in the FLCC, or, a Construction Contract awarded by the Owner in excess of the FLCC, shall not entitle the Project Consultant to additional Basic Services Fees, and, a Construction Contract awarded by the Owner that is less than the FLCC shall not entitle the Owner to a decrease in Basic Services Fees.

5.2.3 The Project Consultant shall not perform Professional Services, Supplemental Services, or Reimbursable Services until a written Purchase Order with the appropriate "line number" has been issued by the Supply Management and Logistics Department together with a fully executed Authorization to Proceed. **OWNER SHALL HAVE NO OBLIGATION TO COMPENSATE PROJECT CONSULTANT FOR ANY WORK PERFORMED BY THE PROJECT CONSULTANT PRIOR TO RECEIPT OF A FULLY EXECUTED WRITTEN AUTHORIZATION TO PROCEED AND PURCHASE ORDER.**

**5.3 Not Used**

**5.4 Fee for Additive Alternates:**

5.4.1 The design of alternates within the Owner's total allocated funds for construction will be a Basic Service.

5.4.2 The design of additive alternates, not included in the original project scope, in excess of Fixed Limit of Construction Cost of Construction must be authorized by the Chief Facilities and Construction Officer, and will be considered supplemental services, subject to negotiation.

5.4.3 Fees for the design of additive alternates, not included in the original project scope, will be negotiated and issued by a fully approved and executed ATP and Purchase order (See 5.2.3), . The Owner will pay one

hundred (100%) percent of the negotiated fee for alternates accepted and only pay for the design portions of the (Phases I through III) for alternates rejected.

## **5.5 Raw Labor Rate:**

### 5.5.1

5.5.1 Raw Labor is defined as the raw salary rate, as determined from salaries reported to the Director of Internal Revenue, of the personnel engaged directly on a project.

## **5.6 Fees for Reimbursables**

5.6.1 Reimbursables are those items pre-approved in writing by a fully approved and executed ATP and Purchase order (See 5.2.3), and authorized by the Owner in addition to the Basic and Supplemental Services and consist of actual expenditures made by the Project Consultant and the Project Consultants' employees and Sub-Consultants in the interest of the Work.

5.6.2 Authorized travel outside the Dade, Broward and Palm Beach County area, lodging and meals in connection with a project (subject to the limitations imposed by Chapter 112.061, Florida Statutes); fees paid for securing approval of authorities having jurisdiction over the Work; reproductions (outside of Basic Services and with prior written Owner approval in the form of a fully approved and executed ATP and Purchase order (See 5.2.3); postage and handling of Drawings, Specifications and other documents, excluding reproductions for the office use of the Project Consultant and check sets required by the Owner; data processing and photographic production techniques when used in connection with Supplemental Services.

5.6.3 The Owner will reimburse the Project Consultant for authorized Reimbursables as verified by appropriate bills, invoices or statements.

5.6.4 Any authorized reimbursable shall not include charges for office rent or overhead expenses of any kind, including but not limited to local telephone, cell phone and utility charges, overtime or any discretionary labor benefits, office and drafting supplies, depreciation of equipment, professional dues, subscriptions, etc., reproduction of drawings and specifications, mailing, stenographic, clerical, or other employees time or travel and subsistence not directly related to a project. Authorized reproductions in excess of sets required at each phase of the work will be a Reimbursable.

## **5.7 Fees for Supplemental Services**

5.7.1 The Consultant may be authorized by its receipt of a fully approved and executed ATP and Purchase order (See 5.2.3), to perform Supplemental Services described under Article 2.9 and negotiated in accordance with Article 2.8.2. The fee for such services will be Time Spent plus reimbursable expenses with a Guaranteed Maximum Price based on Raw Salary Rates times a fixed multiplier. The fixed multiplier shall cover mandatory personnel expenses, overhead and profit and shall be set at \_\_\_\_\_ times Raw Salary Rates and shall be included in the Guaranteed Maximum. Where a mutually agreeable Guaranteed Maximum cannot be arrived at, the Owner may secure services from an independent source or from the Owner's resources. The Consultant shall provide any information and/or copies of project documentation necessary to facilitate the provision of said supplemental services by others.

## **ARTICLE 6 PAYMENTS TO THE PROJECT CONSULTANT**

## **6.1 Payment for Basic Services**

- 6.1.1 Payments for Basic Services may be requested monthly in proportion to services performed during each Phase of the Work and provision of all required insurance policies is a condition precedent to becoming due any such payments to the Project Consultant. Said payments shall, in the aggregate, not exceed the percentage of the estimated total Basic Compensation, or 90% for Phases I, II, or III prior to approval of the submitted design documents, indicated below for each Phase:
- .1 Fifteen (15%) percent of the total fee upon completion and approval of Phase I.
  - .2 Fifteen (15%) percent of the total fee upon completion and approval of Phase II.
  - .3 Twenty (20%) percent of the total fee upon submittal and approval of 50% of Phase III.
  - .4 Fifteen (15%) percent of the total fee upon completion and approval of Phase III.
  - .5 Five (5%) percent of the total fee upon 100% completion of Phase IV.
  - .6 Twenty-eight (28%) percent of the total fee upon completion of Phase V
  - .7 Two (2%) percent of the total fee upon completion of Phase VI (Warranty) and approval of all Work and audit of account, as per Article 5.
- 6.1.2 Partial payments may be made in Phase V (but not in excess of ninety (90%) percent of the aggregate of Phase V) in monthly increments which are proportioned to match the Work's percentage complete reflected by the Contractor's monthly Applications for Payment. If the Owner's required Substantial Completion date for Phase V is extended through no fault of the Project Consultant, the Project Consultant shall be reasonably compensated for any required professional services and/or expenses not otherwise compensated for in connection with such time extension(s), in accordance with Article 6.2. If the Owner's required Substantial Completion date for Phase V is extended due to an action or inaction of the Project Consultant to the detriment of the Owner, no additional payments or time shall be due to Project Consultant. The Project Consultant shall include with its billing, in either electronic or hard copy format, the following supporting information, and any additional supporting information required by the Owner: time sheets for any fees based upon Raw Salary Rates, subcontractors invoices, invoices for reimbursable expenses and time sheets, subcontractor invoices for reimbursables made necessary by the performance of Work. The invoice shall be totaled and care shall be taken to assure previously paid charges are not duplicated.
- 6.1.3 If the project reaches Final Completion (as defined by the Construction Contract Documents) prior to the expiration of the Anticipated Construction Time, then full payment shall be made at that time provided the Project Consultant has completed all obligations for submittals and other services (including Project Record Documents) as required by this Agreement.
- 6.1.4 No payments shall be due to Project Consultant unless and until all materials, forms and documents required by this Agreement have been provided by Project Consultant and its Sub-Consultant to Owner, or others whom are to receive same. The Owner retains the right to withhold payment from the Project Consultant for non-performance of the Project Consultant during any phase of the Project.
- 6.1.5 The Project Consultant shall submit invoices in the Owner's required invoice format as provided.

- 6.1.6 All Submitted invoices shall have copies of referenced ATP's attached.
- 6.1.7 During project Phases I through III, the Project Consultant shall submit an updated Project Schedule reflecting the Project Consultant's scheduled and actual progress with each submitted invoice. As an attachment to the Project Schedule, the Project Consultant shall provide a progress report giving percentage of completion of the Project development.
- 6.1.8 Project Consultant shall submit a monthly MWBE Sub-Consultant Utilization Report with the monthly request for payment, on forms provided by the Owner.
- 6.1.9 Payments are due and payable thirty (30) days from receipt of the Project Consultant's invoice provided it is in accord with the requirements of this Agreement.

## **6.2 Payment for Supplemental Services / Reimbursables**

- 6.2.1 Payment for Supplemental Services and/or Reimbursables may be requested monthly (on the Owner's standard invoice format) in proportion to the services performed. When such services are authorized, the Project Consultant shall submit for approval by the Chief Facilities and Construction Officer, a duly certified invoice, attaching to the invoice all supporting data for payments made to Sub-Consultants engaged on the project or task.
- 6.2.2 Payments are due and payable thirty (30) days from receipt of the Project Consultant's invoice.

## **6.3 Project Suspension**

- 6.3.1 If the project is suspended for the convenience of the Owner for more than three months or terminated in whole or in part, during any Phase, the Project Consultant shall be paid for services authorized by an Authorization To Proceed which were performed prior to such suspension or termination, together with the cost of Reimbursable Services and expenses then due.
- 6.3.2 If the Project is resumed after having been suspended for more than three months, the Project Consultant's further compensation shall be adjusted by the addition of Project Resumption Expenses. Project Resumption Expenses are in addition to compensation for Basic and Supplemental Services, and are full compensation for all damages and expenses which are directly or indirectly attributable to resumption of the Project Consultant's services after a Project Suspension. Project Resumption Expenses are applicable only to a Project Suspension by the Owner and shall be computed as a percentage of the total compensation for Basic Services and Supplemental Services earned to the time of termination, as follows:
  - .1 Two (2%) percent of the total compensation for Basic and Supplemental Services earned to the date of Project Suspension for the respective schematic or design development Phase only, if Project Suspension occurs before or during the design development design phase; or
  - .2 Five (5%) percent of the total compensation for Basic and Supplemental Services earned to the date of Project Suspension for the construction documents phase only, if Project Suspension occurs during the construction documents phase development phase; or
  - .3 Five (5%) percent of the total compensation for Basic and Supplemental Services scheduled for the construction contract administration phase only, if Project Suspension occurs during the construction support phase.



## **ARTICLE 7 REUSE OF DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS**

### **7.1 Scope of Services**

7.1.1 It is understood that all Professional Service Agreements for design and other services include the provision for the Owner's optional re-use of drawings, specifications and other documents (including Phase V of Basic Services described in Article 2); and that the Project Consultant agrees to such re-use in accordance with this provision.

7.1.2 If the Owner elects to re-use the drawings, specifications and other documents, in whole or in part, prepared for the project for other projects on other sites, the Project Consultant will be paid a re-use fee, for Basic Services described in Article 2 for Phases I through VI, in the amounts of:

- .1 Twenty (20%) percent of the original fee for Basic Services for Phases I through III.
- .2 Thirty-eight (38%) percent of the original fee for Basic Services for Phases IV, V and VI.

Alternatively, the Owner agrees to pay the Project Consultant, and the Project Consultant agrees to accept, a flat reuse fee of:

*(Fee Written Out)* \$XX,XXX for the reuse of <project> <Project number> <facility>:

This flat reuse fee will only apply if an actual dollar amount is listed above.

7.1.3 For each re-use the Project Consultant shall review the final as-built design of any prior reuse or reuses and shall include all Basic Services rendered under the reuse(s) and incorporate all modifications to the drawings, specifications and other documents resulting from Change-Orders, Errors and Omissions, Code revisions and Code corrections made during the prior reuse(s), and, modifications normally required to suit the new site. (This does not include preparation of reverse plans, changes to the program, subsequent code revisions or exceptional site conditions). The stipulations and conditions of this Agreement shall remain in force for each re-use project, unless otherwise agreed. Reuse fees do not include preparation of documents for offsite improvements.

7.1.4 If a reuse project commences in excess of three years from the acceptance of the design development documents by the Owner then Owner shall negotiate the fees to be paid to Project Consultant.

## **ARTICLE 8 INDEMNIFICATION**

### **8.1 Indemnification**

8.1.1 To the fullest extent permitted by law, the Project Consultant shall indemnify, defend and hold harmless the Owner, its members, officers, employees and agents (hereinafter collectively "Related Parties") from and against any and all liability, claims, causes of action (by whomever brought or alleged and regardless of the legal theories upon which the liability, claims or causes of action are based), losses, damage, costs, expenses and fees (including but not limited to reasonable fees of attorneys, expert witnesses and other consultants), which are or may be imposed upon, incurred by or asserted against Owner and/or the Related Parties to the extent said liability, claims, causes of action, losses, damages, costs, expenses and/or fees are caused by any errors, omissions or negligent acts of the Project Consultant, any sub-consultant or sub-sub-consultant, any

supplier and any individual or entity directly or indirectly employed by any of them.

- 8.1.2 In any and all claims against the Owner by any employee of the Project Consultant, or anyone for whose acts the Project Consultant may be liable, the obligations for Project Consultant to indemnify Owner under this contract shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Project Consultant under workman's compensation acts, disability acts, or other employee benefit acts.
- 8.1.3 In the event that any claims are brought or actions filed against the Owner with respect to the indemnity contained herein, the Project Consultant agrees to defend against any such claims or actions regardless of whether such claims or actions are rightfully or wrongfully brought or filed. The Project Consultant agrees that the Owner may select the attorneys to appear and defend such claims or actions on behalf of the Owner. The Project Consultant further agrees to pay, at the sole expense of the Project Consultant, the attorney's fees and cost incurred by those attorneys selected by the Owner to appear and defend such claims or actions on behalf of the Owner. However, if the claims or actions are covered by insurance and such coverage is acknowledged by the insurance company in writing to the Owner, then, in that case, the insurance company shall choose counsel, direct the defense and be the judge of the acceptability of any compromise or settlement of any such claims or actions against the Owner which are within the insurance policy limits and are paid by the insurance company solely. Otherwise, if the claims or actions are not covered by insurance, then, at its sole option the Owner shall have the sole authority for the direction of the defense, and shall be the sole judge of the acceptability of any compromise or settlement of any claims or actions asserted against the Owner.
- 8.1.4 The Project Consultant recognizes the nature of the indemnification obligations imposed under this contract and voluntarily makes these covenants. The obligation imposed upon the Project Consultant under this Indemnification Agreement shall survive termination of this contract.

## **ARTICLE 9 INSURANCE**

### **9.1 General Insurance Requirements**

- 9.1.1 The Project Consultant shall not start work under this Agreement until the Project Consultant has obtained all insurance required hereunder and such insurance has been approved by the Owner.
- 9.1.2 All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. All insurance companies providing policies required under this Agreement shall have at least an "A-" rating and a financial rating of no less than VI in the current A. M. Best Manual or hold a Moody's Investors Service Financial Strength of "Aa3" or better.
- 9.1.3 Insurance policies required under this Agreement shall be endorsed to be primary of all other valid and collectible coverages maintained by The School Board of Broward County, Florida.
- 9.1.4 The Project Consultant shall furnish certificates of insurance to the Owner for review and approval at the time of execution of this Contract and shall maintain same at all times during the term of this Agreement.
- 9.1.5 All Certificates of Insurance shall be in the form as approved by Insurance Standards Office (ISO), unless approved by Owner and shall clearly indicate that the Project Consultant has obtained insurance of the type, amount and classification required by these provisions, in excess of any pending claims at the time of contract award to the Project Consultant. No material change or cancellation of the insurance shall be effective

without a thirty (30) day prior written notice to and approval by the Owner. All Certificates shall list the Owner's project number and full project title (including applicable facility name).

9.1.6 Certificates of Insurance must clearly list any and all deductibles by coverages.

## **9.2 Insurance Required:**

9.2.1 Automobile Liability Insurance: The Project Consultant shall maintain Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with this Agreement in amounts not less than One Million (\$1,000,000) Dollars per occurrence for bodily injury and property damage combined single limit and shall not be less than the standard ISO Business Auto Policy CA 00 01.

9.2.2 Professional Liability (Errors and Omissions): The Project Consultant shall procure Professional Liability Insurance in the manner described herein. The deductible shall not be more than Fifty Thousand (\$50,000) Dollars for each policy and must be indicated on the certificate of insurance. The insurance policy shall be non-cancelable and the limits of the Professional Liability Insurance Policy shall be as follows:

9.2.2.1 Not used.

9.2.2.2. Projects require a practice policy with a per claim/annual aggregate in accordance with the specifications delineated below relative to the cumulative construction value of all projects:

- .1 One Million (\$1,000,000) Dollars on a per claim/One Million (\$1,000,000) Dollars annual aggregate basis for Project Consultants whose cumulative construction value for all Board contracts is less than Five Million (\$5,000,000) Dollars.
- .2 One Million (\$1,000,000) Dollars on a per claim/Three Million (\$3,000,000) Dollars annual aggregate basis for Project Consultants whose cumulative construction value for all Board contracts is between Five Million One (\$5,000,001) Dollars to Ten Million (\$10,000,000) Dollars.
- .3 One Million (\$1,000,000) Dollars on a per claim/Five Million (\$5,000,000) Dollars annual aggregate basis for Project Consultants whose cumulative construction value for all Board contracts is greater than Ten Million One (\$10,000,001) Dollars.

The Project Consultant shall be required to maintain the practice policy in accordance with the above specifications for a period commencing with execution of this contract and terminating three years after final completion of said projects. Should additional projects or change orders be added that increase the cumulative construction value to another tier shown above, the Project Consultant will be required to show proof of coverage at the higher limit / aggregate. In addition, the project consultant shall provide information regarding the total claims against said practice policy on an annual basis for the term of the contract upon and terminating three years after final completion of the project (Claims/Loss history should be forwarded to the Risk Management Department), as The School Board of Broward County, Florida, deems appropriate.

The Professional Liability insurance must provide for all sums which the Project Consultant shall be legally obligated to pay as damages for claims arising out of or relating to the negligent services performed by the Project Consultant or any person employed or acting on the Project Consultant's

behalf (including, but not limited to, Sub-Consultants) in connection with this Agreement. If the Owner, at its sole discretion, agrees that such coverage is not commercially reasonably available, the Owner may, at its discretion, authorize the Project Consultant to alter the coverage by substituting a lower aggregate or changing any other terms and conditions of the coverage (including but not limited to deductible amounts) based upon the scope of the project.

9.2.3 **Workers' Compensation Insurance:** The Project Consultant shall maintain Workers' Compensation Insurance in compliance with Florida Statutes, Chapter 440 and Employer's Liability Limit of not less than Five Hundred Thousand (\$500,000) Dollars per Occurrence.

9.2.4 **General Liability Insurance:** The Project Consultant shall maintain General Liability Insurance, including Contractual Liability to cover the "Hold Harmless Agreement" set forth herein, with bodily injury limits of not less than One Million (\$1,000,000) Dollars per occurrence combined single limit for bodily injury and property damage and not less than the Two Million (\$2,000,000) General Aggregate such coverage shall apply separately to each project. The School Board of Broward County, Florida, its members, officers, employees, and agents shall be named as an additional insured under the General Liability policy.

## **ARTICLE 10 GENERAL PROVISIONS**

### **10.1 Performance**

10.1.1 **Performance and Delegation:** The services to be performed hereunder shall be performed by the Project Consultant's and Sub-Consultant's own staff, unless otherwise approved by the Owner in writing. Said approval shall not be construed as constituting an Agreement between the Owner and said other person or firm.

10.1.2 **Term of Agreement:** The term of this Agreement shall start upon execution by the parties hereto and extend until the completion of Phase VI (Warranty) activities as set forth above except as may be otherwise agreed to in writing by the parties hereto, or as provided further herein under Article 10 and Article 7.

10.1.3 **Time for Performance:** The Project Consultant agrees to start all work hereunder upon receipt of an Authorization to Proceed issued by the Chief Facilities and Construction Officer or his designee and to complete each Phase within the time stipulated in the Authorization To Proceed (Attachment 6 to this Agreement ("ATP")) and as required by the Project Schedule (Attachment 1 to this Agreement). The Project Consultant acknowledges that failure to perform timely may cause the Owner to sustain loss and damages and will be responsible for same. The Consultant agrees that Owner is entitled to recover no less than One Hundred Dollars (\$100) per consecutive calendar day of unexcused delay caused by the Consultant's failure to comply with the times set forth in the fully executed ATP. Owner shall have the right to deduct such amounts from payments due and owing to the Consultant.

10.1.4 **Time Extensions:** A reasonable extension of time for completion of various Phases may be granted by the Owner should there be a delay on the part of the Owner in fulfilling its obligations pursuant to this Agreement. Such extension shall not be the basis or cause for any claims or causes of action by the Project Consultant for additional or extra compensation. Under no circumstances shall the Project Consultant be entitled to additional compensation or payment as a result of or relating to delays on the Project.

10.1.5 Time is of the essence with regard to the performance of this Contract.

10.1.6 **Excess Funds:** Any party receiving funds paid by the School Board of Broward County, Florida under this Agreement agrees to promptly notify the School Board of Broward County, Florida of any funds erroneously received from the School Board of Broward County, Florida of upon the discovery of such erroneous payment or overpayment. Interest shall be calculated using the interest rate for judgments under Section 55.03, Florida Statutes, as amended, applicable at the time the erroneous payment or overpayment was made by the School Board of Broward County, Florida. The erroneous payment and/or overpayment will be promptly transmitted and returned to the School Board of Broward County, Florida with applicable interest as set forth herein.

## 10.2 Termination Of Agreement

10.2.1 **Right to Terminate:** The Owner has the right to terminate this Agreement for its own convenience on seven days written notice. Upon termination of this Agreement, the Project Consultant shall be paid in accordance with Article 10.2.5. To receive payment, all charts, sketches, studies, drawings, and other documents or other materials related to work authorized under this Agreement, whether finished or not, must be turned over to the Owner.

10.2.2 The Consultant may terminate this Agreement only for a material breach of the Agreement and provided the Project Consultant has given the Owner written notice of the material breach and ten (10) days to cure that breach. In the event of any dispute regarding or relating to performance pursuant to this Agreement, or payment hereunder, then in that event, the Project Consultant is obligated to continue performance in accordance with the terms of this Agreement unless instructed by the Owner to suspend or delay performance.

10.2.3 Owner may terminate this Agreement for cause, which may include, but not be limited to any of the following; failure of Project Consultant to comply with any of its material obligations under this Agreement; a decrease in the projected, available Capital Outlay funds which renders continuation of the design or construction of the Project impossible or impractical; or conditions which arise that constitute Force Majeure under Article 10.2.8 of this Agreement. In such event Project Consultant shall not be entitled to any additional payments and may be liable to Owner for any damages or losses incurred or suffered as a result of Project Consultant's failure to properly perform pursuant to the terms of this Agreement. In the event it is later determined that the Owner was not justified in terminating the Agreement for cause, then it shall be deemed to be a termination for convenience pursuant to Article 10.2.1 above, and the Project Consultant's sole compensation shall be compensation in accordance with that paragraph.

10.2.4 Whether or not this Agreement is so terminated, Project Consultant shall be liable to Owner for any damage or loss resulting from such failure or violation by Project Consultant, including, but not limited to, costs in addition to those agreed to herein for prosecuting professional services to completion and delay damages paid or incurred by Owner. The rights and remedies of Owner provided by this paragraph are cumulative with and in addition to any other rights and remedies provided by law or this Agreement.

10.2.5 **Termination Expenses:** Termination Expenses are in addition to compensation for Basic and Supplemental Services, and are full compensation for all damages and expenses which are directly or indirectly attributable to termination. Termination Expenses are applicable only to a termination for convenience by Owner and shall be computed as a percentage of the total compensation for Basic Services and Supplemental Services earned to the time of termination, as follows:

- .1 Twenty (20%) percent of the total compensation for Basic and Supplemental Services earned to the date of termination, if termination occurs before or during the schematic design phase; or

- .2 Ten (10%) percent of the total compensation for Basic and Supplemental Services earned to the date of termination, if termination occurs during the design development phase; or
- .3 Five (5%) percent of the total compensation for Basic and Supplemental Services earned to the date of termination, if termination occurs during any subsequent phase.

10.2.6 **Annulment:** The Project Consultant warrants that no one has been employed or retained other than an employee working solely for the Project Consultant, to solicit or secure this Agreement; and that the Project Consultant has not paid, nor agreed to pay, any company or other person any fee, commission, gift or other consideration contingent upon the making of this Agreement. For breach or violation of this warranty, the Owner has the right to annul this Agreement without liability.

10.2.7 **Fixed Fees Exceeding \$50,000:** For all Fixed Fees or other "lump-sum" fees for professional service Agreements over Fifty Thousand (\$50,000) Dollars the Project Consultant shall execute a truth-in-negotiations certificate as in accordance with 287.05 and all required language set forth therein. Requirements of Florida Statute 287.055 (2004), as amended, are incorporated herein by reference.

10.2.8 **Force Majeure:** The Owner's or Consultant's failure to perform any term or condition of this Agreement as a result of conditions beyond its control such as, but not limited to, war, strikes, fires, floods, acts of God, governmental restrictions, power failures, or damage or destruction of any network facilities or servers, shall not be deemed a breach of this Agreement.

### 10.3 Project Consultant's Accounting Records and Right to Audit Provisions

10.3.1 Project Consultant's records which shall include any and all records reasonably requested by Owner that relate to performance of services by Project Consultant or Sub-Consultants. Records include but are not limited to information, materials and data of every kind and character (hard copy, as well as computer readable data if it exists), books, papers, documents subscriptions, recordings, estimates, price quotations, agreements purchase orders, leases, contracts, commitments, arrangements, notes, daily diaries, superintendent reports, drawings, receipts, vouchers, monthly, quarterly, yearly or other financial statements, accounting records, payroll time sheets, job cost reports, job cost history, margin analysis, written policies and procedures, all Sub-Consultant files (including proposals of successful and unsuccessful Sub-Consultants, contracts, correspondence), original estimates, estimating worksheets, computer records, disks and software, videos, photography, correspondence, change order files (including documentation covering negotiated settlements), constructability or peer reviews, coordination documents, logs and supporting documentation, general ledger entries, insurance information, and any other supporting evidence necessary to substantiate charges related to this contract (all the foregoing hereinafter referred to as "records") shall be open to inspection and subject to audit and/or reproduction, during normal working hours, by Owner's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the contractor or any of his payees pursuant to the execution of the contract. Such records subject to examination shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations), fees, reimbursable services, etc. as they may apply to costs, matters or items associated with this contract.

10.3.2 For the purpose of such audits, inspections, examinations and evaluations, the Owner's agent or authorized representative shall have access to said records from the effective date of this contract, for the duration of the work, and until five (5) years after the date of final payment by Owner to Project Consultant pursuant to this contract. All costs which the Consultant is unable to provide support or documentation to substantiate that it was incurred as represented by the original estimated breakdown of cost or found not to be in compliance

with provisions of this contract, shall be reimbursed to the Owner.

- 10.3.3 Owner's agent or its authorized representative shall have access to the Project Consultant's facilities, shall have access to all necessary records, and shall be provided adequate and appropriate work space, in order to conduct audits in compliance with this article. Owner's agent or its authorized representative shall give auditees reasonable advance notice of intended audits.
- 10.3.4 Project Consultant shall require all Sub-Consultants and insurance agents, to comply with the provisions of this article by insertion of the requirements hereof in any written contract Agreement. Failure to obtain such written contracts which include such provisions shall be reason to exclude some or all of the related costs from amounts payable to the Project Consultant pursuant to this contract.
- 10.3.5 If an audit inspection or examination in accordance with this article, discloses overcharges (of any nature) by the Project Consultant to the Owner in excess of \$25,000 the actual cost of the Owner's audit shall be paid by the Project Consultant.

#### **10.4 Ownership of Documents**

- 10.4.1 The Schematic Design and Design Development documents developed under this Contract shall become and be the sole property of the Owner whether the Project for which they were developed is executed or not. The Project Consultant may maintain copies thereof for its records and for its future professional endeavors although the Owner shall bear no liability or any responsibility whatsoever for such use of said documents by the Project Consultant. All or part of the Schematic Design and Design Development documents prepared by the Project Consultant for this project may be used as a prototype for other facilities by the Owner. Any reuse of Schematic Design or Design Development documents developed under this Contract by the Owner or others as permitted by the Owner shall be at the sole discretion of the Owner and at the Owner's sole risk.
- 10.4.2 Provided the Project Consultant has complied with the terms of this Agreement, construction working drawings, specifications and other documents or materials developed after the completion of the design development phase are and shall remain the property of the Project Consultant whether the Project for which they are made is executed or not.
- 10.4.3 The Owner shall be permitted to retain copies, including reproducible and electronic media copies, of drawings, specifications and other documents or materials developed after the Design Development Phase for various informational and reference purposes related to management, maintenance and operation of facilities, establishing construction standards, and various other archival functions without limitation and without subsequent notice to the Project Consultant.
- 10.4.4 The drawings and specifications may be used by the Owner on other projects, or for any other purpose included, but not limited to, for completion of the Project's construction in the event the Project Consultant's services are terminated as per other provisions of this Contract.
- 10.4.5 Submission or distribution to meet official regulatory requirements or for other purposes in connection with the Project is not to be construed as publication in derogation of the Project Consultant's rights.
- 10.4.6 In the event of the Project Consultant's termination under other provisions of this Agreement, the Owner shall receive all original documents prepared to the date of termination and shall have the right to use those documents and any reproductions in any way necessary to complete the Project, or for any other purpose.

10.4.7 In the event Owner requests any such documents or materials referred to in this Article and Project Consultant fails to provide same as requested by Owner, then Project Consultant acknowledges that Owner will be irreparably harmed and subject to an injunction to provide same.

10.4.8 The Owner will not modify or distribute the documents, including electronic media versions, to third parties except for those purposes listed above without the expressed permission and consent of the Project Consultant. The Owner will delete any title blocks or other marks identifying the originating Project Consultant from any materials so distributed. The Owner will indemnify the Project Consultant against any claims that result from the modification of data and disks by the Owner.

## **10.5 Electronic Media**

10.5.1 Where this Agreement or referenced provisions in the Contract Documents require the Project Consultant to provide information or documents in either electronic or magnetic media, the preparation and format of that media shall conform to the Owner's Electronic Media Submittal Requirements (Attachment 3 to this Agreement).

## **10.6 Attachments and References**

10.6.1 The following named attachments are made an integral part of this Agreement:

- .1 Attachment 1: Project Schedule
- .2 Attachment 2: Project Scope
- .3 Attachment 3: Electronic Media Submittal Requirements
- .4 Attachment 4: Project Consultant's Invoice Format, Reimbursable and Supplemental Services Format
- .5 Attachment 5: List of Project Team Members
- .6 Attachment 6: Authorization to Proceed (ATP) Form  
Professional Services Required – page 1 of 3  
Project Schedule – page 2 of 3  
Professional Fee – page 3 of 3
- .7 Attachment 7: Document Submittal Checklist
- .8 Attachment 8: Document 00455 – Background Screening
- .9 Attachment 9: IRS Form W-9
- .10 Attachment 10: Truth in Negotiations Certificate

10.6.2 Online Documents: The following documents shall be downloaded by the Project Consultant and are considered as Attachments to this Contract:

### **Design Standards**

[http://www.broward.k12.fl.us/facilities\\_construction/DSS/DS\\_Docs/DesignStandards.htm](http://www.broward.k12.fl.us/facilities_construction/DSS/DS_Docs/DesignStandards.htm)

- Design Criteria
- Design and Material Standards - Division 1 thru Division 17
- Document Submittal Checklist for Plan Review

<http://www.broward.k12.fl.us/constructioncontracts/D0docs.html>

- Specifications – Division 0



## **State Requirements for Educational Facilities (SREF) latest edition**

<http://www.fldoe.org/edfacil/sref.asp>

- F.I.S.H. layering system for AutoCAD: Note: the layering system is not posted on line. It will need to be requested thru:

Facility Planning and Real Estate  
600 SE 3rd Avenue  
Fort Lauderdale, FL 33312  
754-321-1932

### **10.7 Extent of Agreement:**

- 10.7.1 This Agreement represents the entire and integrated Agreement between the Owner and the Project Consultant and supersedes all prior negotiations, representations or agreements, written or oral.
- 10.7.2 This Agreement may not be amended, changed, modified, or otherwise altered in any particular, at any time after the execution hereof, except by resolution of The School Board of Broward County, Florida.
- 10.7.3 This Agreement is for the benefit of the parties to the Agreement and is not for the benefit of any other parties nor shall it create a contractual relationship with any other party.
- 10.7.4 This Agreement shall be governed by the laws of the State of Florida Venue of any action arising out of this Agreement shall be in Broward County, Florida. The parties are encouraged to participate in mediation of any dispute before engaging in litigation.

### **10.8 Strict Performance:**

- 10.8.1 The failure of either party to insist upon or enforce strict performance by the other party of any of the provisions of this Agreement or to exercise any rights under this Agreement shall not be construed as a waiver or relinquishment to any extent of its rights to assert or rely upon any such provisions or rights in that or any other instance.

### **10.9 Prompt and Satisfactory Correction:**

- 10.9.1 The Owner, at its sole discretion, may direct the Project Consultant, at no additional cost to the Owner, to promptly and satisfactorily correct any services found to be defective or not in compliance with the requirements of this Agreement or the requirements of any governmental authority, law, regulations or ordinances.

### **10.10 Successors and Assigns:**

- 10.10.1 The performance of this Agreement shall not be delegated or assigned by the Project Consultant without the written consent of the Owner.
- 10.10.2 The Project Consultant and the Owner each binds one another, their partners, successors, legal representatives and assigns to the other party of this Agreement and to the partners, successors, legal representatives and assigns of such party in respect to all covenants of this Agreement.

## **10.11 Certification Regarding Debarment, Suspension, Ineligibility or Voluntary Exclusion:**

**10.11.1 Lower Tier Covered Transactions:** Executive Order 12549 provides that, to the extent permitted by law, Executive departments and agencies shall participate in a government-wide system for non-procurement debarment and suspension. A person who is debarred or suspended shall be excluded from Federal financial and non-financial assistance and benefits under Federal programs and activities. Except as provided in § 85.200, Debarment or Suspension, § 85.201, Treatment of Title IV HEA participation, and §85.215, Exception provision, debarment or suspension of a participant in a program by one agency shall have government-wide effect. A lower tier covered transaction is, in part, any transaction between a participant [SBBC] and a person other than a procurement contract for goods or services, regardless of type, under a primary covered transaction; and any procurement contract for goods or services between a participant and a person, regardless of type, expected to equal or exceed the Federal procurement small purchase threshold fixed at 10 U.S.C. 2304(g) and 41 U.S.C. 253(g) (currently \$100,000) under a primary covered transaction. A participant may rely upon the certification of a prospective participant in a lower tier covered transaction that it and its principals are not debarred, suspended, proposed for debarment under 48 CFR part 9, subpart 9.4, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. Each participant shall require participants in lower tier covered transactions to include the following certification for it and its principals in any proposal submitted in connection with such lower tier covered transactions.

### **10.11.2 Certification and Disclosure**

- .1 The lower tier participant (Project Consultant) certifies, by entering this Agreement, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- .2 Where the lower tier participant (Project Consultant) is unable to certify to any of the statements in this certification, such participant shall provide an explanation to the Owner.
- .3 The Consultant warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Consultant any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this agreement. For the breach or violation of this provision, the Owner shall have the right to terminate the Agreement without liability and, at its discretion, to deduct from the fees due and owing to the Consultant, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration. (Ch. 287.055, F.S.)

## **10.12 Non-Discrimination, EEO, and ADA**

**10.12.1 Non-Discrimination -** The School Board of Broward County, Florida prohibits any policy or procedure which results in discrimination on the basis of age, color, disability, gender, national origin, marital status, race, religion or sexual orientation.

**10.12.2 Equal Employment Opportunity (EEO) -** The School Board of Broward County, Florida, prohibits any

policy or procedure which results in discrimination on the basis of age, color, disability, gender identity, gender expression, national origin, marital status, race, religion, sex or sexual orientation. Individuals who wish to file a discrimination and/or harassment complaint may call the Executive Director, Benefits & EEO Compliance at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

**10.12.3 Americans with Disabilities Act Amendments Act of 2008** - Individuals with disabilities requesting accommodations under the Americans with Disabilities Act Amendments Act of 2008, (ADAAA) may call Equal Educational Opportunities (EEO) at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

**10.13 Captions**

**10.13.1 Captions** – The captions, section numbers, article numbers, title and headings appearing in this Agreement are inserted only as a matter of convenience and in no way define, limit, construe or describe the scope or intent of such articles or sections of this Agreement, nor in any way effect this Agreement and shall not be construed to create a conflict with the provisions of this Agreement.

**10.14 Authority**

**10.14.1 Authority Provision:** Each person signing this agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

**10.15 Notice**

**10.15.1 Notice Provision:** When any of the parties desire to give notice to the other, such notice must be in writing, sent by US Mail, postage prepaid, addressed to the party for whom it is intended at the place last specified; the place for giving notice shall remain such until it is changed by written notice in compliance with the provisions of the paragraph. For the present, the parties designate the following as the respective places for giving notice.

To SBBC: Superintendent of Schools  
The School Board of Broward County, Florida  
600 Southeast Third Avenue  
Fort Lauderdale, Florida 33301

With a Copy to: Office of the Chief Facilities Officer  
600 SE 3 Avenue  
Fort Lauderdale, FL 33312  
**Attn: Leo Bobadilla**  
Chief Facilities Officer

With a Copy to: Office of Facilities and Construction  
3775 SW 16th St  
Fort Lauderdale, FL 33312  
**Attn: Shelley N. Meloni**  
Director, Pre-Construction Office of Facilities and Construction

And

Heery International, Owners Representative  
811 Ponce de Leon Boulevard Coral Gables, FL 33134  
**Attn: Robert Corbin**  
Program Director/Vice President

To Design Professional: Insert Name and Address Provided by Other Party

With a Copy to: Insert Name and Address Provided by Other Party

## **10.16 Excess Funds**

10.16.1 Any party receiving funds paid by The School Board of Broward County, Florida (SBBC) under this Agreement agrees to promptly notify SBBC of any funds erroneously received from SBBC upon the discovery of such erroneous payment or overpayment. Any such excess funds shall be refunded to SBBC with interest calculated from the date of the erroneous payment or overpayment. Interest shall be calculated using the interest rate for judgments under Section 55.03, Florida Statutes, applicable at the time the erroneous payment or overpayment was made by SBBC.

## **10.17 Background Screening**

10.17.1 **Background Screening.** Project Consultant agrees to comply with all requirements of Sections 1012.32 and 1012.465, Florida Statutes, and that Project Consultant, its agents, subconsultants and all of its personnel who (1) are to be permitted access to school grounds when students are present, (2) will have direct contact with students, or (3) have access or control of school funds will successfully complete the background screening required by the referenced statutes and meet the standards established by the statutes. This background screening will be conducted by SBBC in advance of Project Consultant or its personnel providing any services under the conditions described in the previous sentence. Project Consultant will bear the cost of acquiring the background screening required by Section 1012.32, Florida Statutes, and any fee imposed by the Florida Department of Law Enforcement to maintain the fingerprints provided with respect to Project Consultant and its personnel. The Parties agree that the failure of Project Consultant to perform any of the duties described in this section shall constitute a material breach of this Agreement entitling SBBC to terminate immediately with no further responsibilities or duties to perform under this Agreement.

Project Consultant agrees to indemnify and hold harmless SBBC, its officers and employees from any liability in the form of physical or mental injury, death or property damage resulting from Project Consultant's failure to comply with the requirement of this Section or Section 1012.32 and Section 1012.465, Florida Statutes in addition to any other indemnification obligations that may be imposed upon Project Consultant pursuant to Article 8 of this Agreement and the laws of Florida.

## **10.18 Errors and Omissions**

10.18.1 The Project Consultant shall be responsible for any errors, inconsistencies or omissions in the drawings, specifications, and other documents. The Project Consultant will correct the drawings and specifications at no additional design cost to the Owner for any and all errors and omissions in the drawings, specifications prepared by the Project Consultant. The Project Consultant further agrees, at no additional cost, to render assistance to the Owner in resolving problems relating to the design or specified materials.

10.18.2 Deductions may be made from the Project Consultant's Basic Services Compensation on account of errors and omissions in the drawings, specifications and other documents prepared by the Project Consultant or in the Project Consultant's performance of its obligations under this Agreement.

## **ARTICLE 11 INCORPORATION OF RFQ INTO AGREEMENT**

**11.1** In addition to those Attachments and References identified and made part of this Agreement in Article 10.6.1, the provisions of RFQ No. **XXX ("TYPE OF SERVICE")** (the "RFQ") are hereby incorporated into this Agreement. In the event of conflict between the provisions contained in this Agreement and the RFQ, the more stringent provision shall prevail. If this Agreement is silent on an issue that is contained with the RFQ, the provisions of the RFQ shall be followed.

**IN WITNESS WHEREOF**, The School Board of Broward County, Florida, has caused this Agreement to be executed by the undersigned and the seal of the School Board to be set hereto; and the said Project Consultant has caused this Agreement to be executed by the undersigned and the seal of the Project Consultant set hereto on this day and year first above written.

**THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA**

(SEAL)

**ATTEST THE SCHOOL BOARD OF  
BROWARD COUNTY, FLORIDA**

\_\_\_\_\_  
Robert W. Runcie, Superintendent of Schools

\_\_\_\_\_  
Dr. Rosalind Osgood, Chair

---

Approved as to Form and Legal Content:

\_\_\_\_\_  
Office of the General Counsel

**DELETE THE SIGNATURE SECTIONS NOT USED**

**WHEN THE PROJECT CONSULTANT IS A CORPORATION OR PROFESSIONAL ASSOCIATION**

(Corporate Seal)

(ATTEST)

(Type Name of Firm Here)  
Legal Name of Corporation

President, (Type Name Here)

Secretary, (Type Name Here)  
(Type Registration Number Here)  
Project Consultant's  
Registration Number

**WHEN THE PROJECT CONSULTANT IS AN INDIVIDUAL OR PARTNERSHIP**

(ATTEST)

\_\_\_\_\_  
Witness (Type Name Here)

\_\_\_\_\_  
Legal Name of Individual or Partnership

\_\_\_\_\_  
Witness (Type Name Here)

By: \_\_\_\_\_  
Signature (Type Name Here)

\_\_\_\_\_  
Project Consultant's  
Registration Number

**WHEN THE PROJECT CONSULTANT IS A JOINT VENTURE**

(Corporate Seal)

(Corporate Seal)

\_\_\_\_\_  
Firm's Legal Name

\_\_\_\_\_  
Firm's Legal Name

By: \_\_\_\_\_  
Signature (Type Name Here)

By: \_\_\_\_\_  
Signature (Type Name Here)

\_\_\_\_\_  
Project Consultant's  
Registration Number

(ATTEST)

\_\_\_\_\_  
Witness (Type Name Here)

\_\_\_\_\_  
Witness (Type Name Here)

\_\_\_\_\_  
Witness (Type Name Here)

\_\_\_\_\_  
Witness (Type Name Here)



**ACKNOWLEDGEMENT**

**STATE OF FLORIDA  
COUNTY OF BROWARD**

BEFORE ME this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, appeared \_\_\_\_\_, and, \_\_\_\_\_

\_\_\_\_\_ personally known to me to be the persons described in and who executed the foregoing contract and acknowledge that he executed the same as his free act and deed for the purposes therein expressed.

WITNESS my hand and official seal in the County and State last official this \_\_\_\_\_ day of

\_\_\_\_\_, 201\_.

Notary Public State of Florida

My Commission Expires:

Attachment 1

Owner's Initial Schedule



## Electronic Media Requirements

All Work product for all projects, requires hard copies, electronic copies (PDF) and electronic original copies. The electronic media requirements are as listed below.

### ELECTRONIC MEDIA

#### 1.0 General Information

- 1.1 The School Board of Broward County, Florida contracts with one or more Internet bid advertising and distribution services. The Design Professional shall post the complete bid package to these services upon written notification by the Owner. The posted documents shall be read only documents and the file format shall be PDF.

#### 2.0 Software Requirements

##### 2.1 Word Processing

- 2.1.1 Provide word processing files in Microsoft Word for Windows compatible file formats including all information necessary for remote printing.

##### 2.2 Spreadsheets

- 2.2.1 Provide spreadsheet files in Microsoft Excel for windows compatible file formats including all information necessary for remote printing.

##### 2.3 Computer aided Design and Drafting

- 2.3.1 Provide all CADD files as AutoCAD 2010 files, Window's version.

#### 3.0 CAD Standards

##### 3.1 Standard plotted drawing size: 24 inch x 36 inch or 30 inch x 42 inch sheets.

- 3.1.1 All sheets within a set shall be the same size unless pre-approved otherwise. (for example survey sheets)

##### 3.2 Design Professional shall provide to the Owner the standard file naming Protocol they will be utilizing.

##### 3.3 CAD File Layering

- 3.3.1 Conform to the most up to date guidelines defined by the American Institute of Architects (AIA) standard document, "CAD Layer Guidelines."

- 3.3.2 Provide the required Layering for the Florida Inventory of Schoolhouses (F.I.S.H.) documents

- 3.3.1.1 The F.I.S.H. layering scheme is not available on-line. It can be requested through:

Facility Planning and Real Estate  
600 SE 3<sup>rd</sup> Avenue, Fort Lauderdale, FL 33312 754-321-1932

- 3.3.3 Provide a separate list of all layers which do not conform to the standard AIA CAD Layer Guidelines or the FISH layering scheme.
- 3.4 No custom hatch patterns shall be utilized.
- 3.5 All symbols and blocks to have descriptive names
- 4.0 Electronic Media Delivery Requirements
  - 4.1 Transmittals shall include the following
    - 4.1.1 The Project Number, Project Title and date
    - 4.1.2 The Facility Name
    - 4.1.3 The submittal type
    - 4.1.4 The format and version of the software.
    - 4.1.5 An attached Listing of file names with the latest document publish dates
  - 4.2 All electronic media shall contain an attached label which shall identify 4.1.1, 4.1.2, and 4.1.3.
  - 4.3 Document clean-up
    - 4.3.1 Before a CADD file is placed on the delivery electronic digital media, the following procedures shall be performed:
      - 4.3.1.1 Purge all files and remove all extraneous graphics outside the border area.
      - 4.3.1.2 Make sure all reference files are attached without device path
      - 4.3.1.3 All required project files both graphic and nongraphic, shall include color tables, pen tables, font libraries, block libraries, user command files, plot files, etc. All project related blocks must be provided to the Owner as a part of the electronic digital deliverables.
      - 4.3.1.4 Make sure that all support files such as those listed above are in the same directory and that references to those files do not include device Path.
  - 4.4 The following Plot File Development and Project Documentation Information shall be submitted as an enclosure or attachment to the transmittal letter provided with each electronic digital media submittal.
    - 4.4.1 Documentation of the plot files for each drawing which will be needed to be able to allow identical plotting by the Owner at a later date. This documentation shall include the plotter configuration (e.g., name and model of plotter), pen settings, drawing orientation, drawing

size, and any other special instructions.

- 4.4.2 Instructions concerning how to generate plotted, drawings from the provided plot files.
- 4.5 Provide all symbols and blocks used in the project in a separate files.
- 4.6 List of all database/spreadsheet files associated with each drawing, as well as a description and documentation of the database format.
- 5.0 Ownership: Refer to Agreement for specific Owner and Design Professional's rights.
- 6.0 Documents for the Construction Contractor:
  - 6.1 The Owner and the Design Professional shall make various electronic information available to the Contractor during the Construction phase of the Project.
- 7.0 Where electronic media submittals of final site surveys are required: Provide electronic copies of any existing site survey data already on electronic media.
- 8.0 At the Contractors option, the Design Professional will provide the Contractor one set of AutoCAD (.dwg) electronic file format contract drawings, to be used for as built drawings at the Contractor's option. Note that the Architect's name and information to be removed.

## Design Professionals Invoice Format

The School Board of Broward County, Florida requires submittal of the Design Professional's invoice on the District's standard invoice forms attached to a transmittal form or letter on the Design Professional's company letterhead. Include the information and attachments described below:

1. Letterhead Containing Firm Information

- A. Firm Name
- B. Address
- C. Telephone and FAX Numbers
- D. Consultant's Invoice Reference Number

2. Address Transmittal/Letter to:

Office of Facilities and Construction  
The School Board of Broward County, Florida  
3775 SW 16<sup>th</sup> Street  
Fort Lauderdale, FL 33312  
Attention: Name of Project Manager

3. Ensure that Transmittal/Letter references the following information:

- A. Date of submittal.
- B. The Invoice Number for ATP Number (example: Invoice No. 01 for ATP No. 01).
- C. The School Board of Broward County's Purchase Order No.: (Which will be provided by the Facilities Project Manager at the beginning of the project.)
- D. Name of Facility (and Facility Number).
- E. Name of Project
- F. School Board Project Number

4. Ensure attachment of the following documents to the Transmittal/Letter:

- A. Design Professional's Invoice Form
- B. Design Professional's Reimbursable Invoice Form
- C. Copy of signature page (page 3 of 3) of the Design Professional's Authorization to Proceed.



The School Board of Broward County, Florida  
 Florida Facilities and Construction Management Department  
 3775 SW 16th Street Fort Lauderdale, FL 33312 (754) 321-1500

Design Professional (Name) \_\_\_\_\_ Date: \_\_\_\_\_  
 Project No: \_\_\_\_\_ Facility Name: \_\_\_\_\_ Invoice No: \_\_\_\_\_  
 Project Title: \_\_\_\_\_ SBBC PO No. \_\_\_\_\_  
 Design Professional's \_\_\_\_\_ ATP No. \_\_\_\_\_  
 Remit to address: \_\_\_\_\_ Invoice From: \_\_\_\_\_  
 Project Manager

<b>Original Basic Fee</b>	\$
<b>Current basic fee</b>	\$

**INVOICE TOTALS:**

Summary	Current Fee	Previously Billed	This Invoice	Balance
Basic Services	\$	\$	\$	\$
Reimbursable	\$	\$	\$	\$
<b>Total:</b>	\$	\$	\$	\$

**BASIC FEE TOTALS:**

Period	Fee	Previously Billed	This Invoice	Balance
From to dates	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
	\$	\$ % \$	% \$	%
Other Services	\$	\$ % \$	% \$	%
<b>Total Previously Billed:</b>		\$		
<b>Total Amount This Invoice:</b>			\$	
<b>Total Balance:</b>				\$

Submitted By: Name: Title: Date: (Signature)	Certified By: Name: Title: Project Manager Date: (Signature)	Recommended By: Name: Title: Date: (Signature)	Approved By: Name: Title: Date: (Signature)
---	--	--	---



The School Board of Broward County, Florida  
 Florida Facilities and Construction Management Department  
 3775 SW 16th Street Fort Lauderdale, FL 33312 (754) 321-1500

Design Professional's Reimbursable Invoice

Project No: \_\_\_\_\_ Facility Name: Invoice No: \_\_\_\_\_  
 Project Title: \_\_\_\_\_ SBBC PO No. \_\_\_\_\_  
 Design Professional's: \_\_\_\_\_ ATP No. \_\_\_\_\_  
 Remit to address: \_\_\_\_\_ Invoice From: \_\_\_\_\_  
 Project Manager: \_\_\_\_\_

Item No.	Date	Reimbursable Item	Amount
Invoice Total			\$

Receipts for each Item must be attached.

Current Contract Amount:	\$			
Total This Invoice:		\$		
Total Previously Billed:			\$	
Total Balance:				\$

Submitted By: Name: Title: Date:	Certified By: Name: Title: Project Manager Date:	Recommended By: Name: Title: Date:	Approved By: Name: Title: Date:
(Signature)	(Signature)	(Signature)	(Signature)





**The School Board of Broward County, Florida**  
**Office of Facilities & Construction**  
**3775 S.W. 16<sup>th</sup> Street**  
**Fort Lauderdale, Florida 33312**

(754) 321-1500

**Consultant's Authorization To Proceed**

Project No.: _____ Location No.: _____ Project Title: _____  Facility Name: _____ Project Consultant: _____	Date: _____ SBBC P.O. No.: _____ Line No.: _____ Project Manager: _____ Dir. Capital Planning & Programming _____
--	---

Under the provisions of your contract for professional services, you are hereby authorized to proceed with the following services for the project referenced above.

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Schematic Design                 | <input type="checkbox"/> Design Development                   | <input type="checkbox"/> Construction Documents |
| <input type="checkbox"/> Bidding                          | <input type="checkbox"/> Construction Contract Administration | <input type="checkbox"/> Warranty               |
| <input type="checkbox"/> Other Services: <u>Attached:</u> |   |   |

This Authorization to Proceed is subject to the following attachments:

- Attachments:  Professional Services Required  
 Project Schedule  
 Professional Fees  
 Previous ATP's

The scope of the required services is specified on the Professional Services Required with a Fixed Limit of Construction Cost (FLCC) for this project as indicated below:

Original FLCC	Current Cost Estimate	Revised FLCC by ATP
_____	_____	_____

The following professional services will be provided by the Project Consultant as a normal part of its Basic Services for the Project listed above:

Item	Discipline	Description
------	------------	-------------



**The School Board of Broward County, Florida  
Office of Facilities & Construction  
3775 S.W. 16<sup>th</sup> Street  
Fort Lauderdale, Florida 33312**

(754) 321-1500

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**Consultant's Authorization To Proceed (Term Contracts) Cont.**

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Project Schedule

Project No. & Location No.: \_\_\_\_\_ Project Title: \_\_\_\_\_

Facility Name: \_\_\_\_\_  
Project Consultant: \_\_\_\_\_

The required project schedule milestones for this project are presented below. (Mandatory)

ACTIVITY	Date Required Or Estimated Time Period	
	Start	Finish
Schematic Design		
Design Development		
Construction Documents Development		
50% Construction Documents		
100% Construction Documents		
Bidding and Award of Contract		
Time for Permitting of Submittals, Prior to the Issuance of the Construction NTP (Part of Contract Administration)		
Construction		
Warranty		



**The School Board of Broward County, Florida**  
**Office of Facilities & Construction**  
**3775 S.W. 16<sup>th</sup> Street**  
**Fort Lauderdale, Florida 33312**

(754) 321-1500

**Consultant's Authorization To Proceed (Term Contracts)**

Professional Fees

Project No. & Location No.: \_\_\_\_\_ Project Title: \_\_\_\_\_

Facility Name: \_\_\_\_\_  
 Project Consultant: \_\_\_\_\_

Phase	Original Basic Fee	Fee Authorized by ATP	Fee Previously Paid	Fee Balance
I (SD) (5%)		%	%	%
II (DD) (10%)		%	%	%
III (CD) (35%/60%)		%	%	%
IV (BID) (65%)		%	%	%
V (CA) (98%)		%	%	%
VI (Warr) (100%)		%	%	%
Other Service Item No. 1		%	%	%
Other Service (Item No. 2)		%	%	%
Other Service (Item No. 3)		%	%	%
Other Service (Item No. 4)		%	%	%
<b>Total:</b>				

Payment for these services shall be made In accordance with the provisions of the Professional Services Agreement.

<b>Approved By Consultant</b>				<b>Recommended By SBBC</b>			
Name:				Name: Shelley N. Meloni			
Title:				Title: Director, Pre-Construction			
Signature:	_____	Date:	_____	Signature:	_____	Date:	_____
<b>Certified By SBBC</b>				<b>Approval by SBBC</b>			
Name:				Name: Leo Bobadilla			
Title:				Title: Chief Facilities Officer			
Signature:	_____	Date:	_____	Signature:	_____	Date:	_____

This document is part of the Professional Services Agreement between The School Board of Broward County, Florida (Owner) and the Design Professional and is incorporated by reference into the terms and conditions of that agreement.

Form <b>W-9</b> (Rev. August 2013) Department of the Treasury Internal Revenue Service	<b>Request for Taxpayer                  Identification Number and Certification</b>	Give Form to the requester. Do not send to the IRS.
---	--	---

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate  <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____  <input type="checkbox"/> Other (see instructions) ▶ _____	Exemptions (see instructions):  Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____
	Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	City, state, and ZIP code	
List account number(s) here (optional)		

<b>Part I Taxpayer Identification Number (TIN)</b>																						
Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="10" style="text-align: center; font-size: small;">Social security number</td> </tr> <tr> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> </tr> </table>	Social security number																				
Social security number																						
<b>Note.</b> If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="10" style="text-align: center; font-size: small;">Employer identification number</td> </tr> <tr> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> <td style="width:20px; height: 20px;"></td> </tr> </table>	Employer identification number																				
Employer identification number																						

<b>Part II Certification</b>	
Under penalties of perjury, I certify that:	
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and 3. I am a U.S. citizen or other U.S. person (defined below), and 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.	
<b>Certification instructions.</b> You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.	
<b>Sign Here</b>	Signature of U.S. person ▶ _____  Date ▶ _____

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** The IRS has created a page on [www.irs.gov/w9](http://www.irs.gov/w9) for information about Form W-9, at [www.irs.gov/w9](http://www.irs.gov/w9). Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

**Purpose of Form**

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

**Note.** If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity.
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust, and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

**Foreign person.** If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

**Nonresident alien who becomes a resident alien.** Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

**Example.** Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

**What is backup withholding?** Persons making certain payments to you must under certain conditions withhold and pay to the IRS a percentage of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

#### Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester.
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details).
3. The IRS tells the requester that you furnished an incorrect TIN.
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* on page 1.

**What is FATCA reporting?** The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the instructions for the Requester of Form W-9 for more information.

## Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

## Penalties

**Failure to furnish TIN.** If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

**Civil penalty for false information with respect to withholding.** If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

**Criminal penalty for falsifying information.** Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

**Misuse of TINs.** If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

## Specific Instructions

### Name

If you are an individual, you must generally enter the name shown on your income tax return. However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name.

If the account is in joint names, list first, and then circle, the name of the person or entity whose number you entered in Part I of the form.

**Sole proprietor.** Enter your individual name as shown on your income tax return on the "Name" line. You may enter your business, trade, or "doing business as (DBA)" name on the "Business name/disregarded entity name" line.

**Partnership, C Corporation, or S Corporation.** Enter the entity's name on the "Name" line and any business, trade, or "doing business as (DBA)" name on the "Business name/disregarded entity name" line.

**Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulation section 301.7701-2(c)(2)(ii). Enter the owner's name on the "Name" line. The name of the entity entered on the "Name" line should never be a disregarded entity. The name on the "Name" line must be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on the "Name" line. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on the "Business name/disregarded entity name" line. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

**Note.** Check the appropriate box for the U.S. federal tax classification of the person whose name is entered on the "Name" line (Individual/sole proprietor, Partnership, C Corporation, S Corporation, Trust/estate).

**Limited Liability Company (LLC).** If the person identified on the "Name" line is an LLC, check the "limited liability company" box only and enter the appropriate code for the U.S. federal tax classification in the space provided. If you are an LLC that is treated as a partnership for U.S. federal tax purposes, enter "P" for partnership. If you are an LLC that has filed a Form 8832 or a Form 2553 to be taxed as a corporation, enter "C" for C corporation or "S" for S corporation, as appropriate. If you are an LLC that is disregarded as an entity separate from its owner under Regulation section 301.7701-3 (except for employment and excise tax), do not check the LLC box unless the owner of the LLC (required to be identified on the "Name" line) is another LLC that is not disregarded for U.S. federal tax purposes. If the LLC is disregarded as an entity separate from its owner, enter the appropriate tax classification of the owner identified on the "Name" line.

**Other entities.** Enter your business name as shown on required U.S. federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name/disregarded entity name" line.

## Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the Exemptions box, any code(s) that may apply to you. See *Exempt payee code and Exemption from FATCA reporting code* on page 3.

**Exempt payee code.** Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends. Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.

**Note.** If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

The following codes identify payees that are exempt from backup withholding:

- 1—An organization exempt from tax under section 501(c)(3), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 <sup>1</sup>	Generally, exempt payees 1 through 5 <sup>2</sup>
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

<sup>1</sup> See Form 1099-MISC, Miscellaneous Income, and its instructions.  
<sup>2</sup> However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney, and payments for services paid by a federal executive agency.

**Exemption from FATCA reporting code.** The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements.

- A—An organization exempt from tax under section 501(c)(3) or any individual retirement plan as defined in section 7701(a)(37)
- B—The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Reg. section 1.1472-1(c)(1)(f)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(f)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

- G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I—A common trust fund as defined in section 584(a)
- J—A bank as defined in section 581
- K—A broker
- L—A trust exempt from tax under section 664 or described in section 4947(a)(1)
- M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

**Part I. Taxpayer Identification Number (TIN)**

**Enter your TIN in the appropriate box.** If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on page 2), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

**Note.** See the chart on page 4 for further clarification of name and TIN combinations.

**How to get a TIN.** If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form online at [www.ssa.gov](http://www.ssa.gov). You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at [www.irs.gov/businesses](http://www.irs.gov/businesses) and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

**Note.** Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

**Caution:** A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

**Part II. Certification**

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on the "Name" line must sign. Exempt payees, see *Exempt payee code* earlier.

**Signature requirements.** Complete the certification as indicated in items 1 through 5 below.

1. **Interest, dividend, and barter exchange accounts opened before 1964 and broker accounts considered active during 1963.** You must give your correct TIN, but you do not have to sign the certification.
2. **Interest, dividend, broker, and barter exchange accounts opened after 1963 and broker accounts considered inactive during 1963.** You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
3. **Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.
4. **Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
5. **Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions.** You must give your correct TIN, but you do not have to sign the certification.

**What Name and Number To Give the Requester**

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account <sup>1</sup>
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor <sup>2</sup>
4. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee <sup>3</sup>
5. Sole proprietorship or disregarded entity owned by an individual	The actual owner <sup>3</sup>
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulation section 1.671-4(b)(2)(i)(A))	The owner <sup>4</sup>
6. Grantor trust filing under Optional Form 1099 Filing Method 2 (see Regulation section 1.671-4(b)(2)(i)(B))	The grantor <sup>4</sup>
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity <sup>4</sup>
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulation section 1.671-4(b)(2)(i)(B))	The trust

<sup>1</sup> List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

<sup>2</sup> Circle the minor's name and furnish the minor's SSN.

<sup>3</sup> You must show your individual name and you may also enter your business or "DBA" name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

<sup>4</sup> List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see Special rules for partnerships on page 1.

\*Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

**Secure Your Tax Records from Identity Theft**

Identity theft occurs when someone uses your personal information such as your name, social security number (SSN), or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

**Protect yourself from suspicious emails or phishing schemes.** Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to [phishing@irs.gov](mailto:phishing@irs.gov). You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration at 1-800-368-4484. You can forward suspicious emails to the Federal Trade Commission at: [spam@ftc.gov](mailto:spam@ftc.gov) or contact them at [www.ftc.gov/idtheft](http://www.ftc.gov/idtheft) or 1-877-IDTHEFT (1-877-438-4338).

Visit [IRS.gov](http://IRS.gov) to learn more about identity theft and how to reduce your risk.

**Privacy Act Notice**

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payors must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payor. Certain penalties may also apply for providing false or fraudulent information.

**REQUIRED RESPONSE FORM - Proposer Information**

RFQ Issued Date: \_\_\_\_\_ Title of Request or Solicitation: \_\_\_\_\_

Note: For Joint Venture Proposals, see instructions at the bottom of this page.

**PROPOSER INFORMATION**

PROPOSER'S (COMPANY) NAME: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_

CITY, STATE AND ZIP CODE: \_\_\_\_\_

PROPOSER TELEPHONE: \_\_\_\_\_ PROPOSER FAX: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_

CONTACT TELEPHONE: \_\_\_\_\_ CONTACT FAX: \_\_\_\_\_

E-MAIL ADDRESS TO SEND PURCHASE ORDERS TO: \_\_\_\_\_

INTERNET E-MAIL ADDRESS: \_\_\_\_\_ INTERNET URL: \_\_\_\_\_

PROPOSER FIRM - TAX IDENTIFICATION NUMBER: \_\_\_\_\_

**Proposal Certification**

I hereby certify that:

1. I am submitting the following information as my Firm's Qualifications and I am an Officer of the Firm.
2. Proposer has not discussed, or compared the Qualifications with other Proposers and has not colluded with any other Proposer.
3. Proposer, its principals, or their lobbyists has not provided any campaign contributions to School Board Members during the period in which the Proposer is attempting to qualify, to provide Design Services to the School Board. This period of limitation shall commence at the time of the "cone of silence" period for any solicitation for a competitive procurement as described by:
  - School Board Policy 3320, Part II, Section HH
  - School Board Policy 1007, Section 5.4 Campaign Contribution Fundraising
4. Proposer acknowledges that all information contained herein is part of the public record as defined by the State of Florida Sunshine and Public Records Laws.
- 5 All responses, data and information contained in this Proposal are true and accurate
6. Proposer agrees to acceptance of the contents of all pages in this Request for Qualifications (RFQ) including all attachments and the contents of all issued Addenda.
7. Proposer agrees to be bound to all terms, conditions and requirements identified in the Request for Qualifications, its Addenda and its Attachments.
8. The Proposer understands that everything contained herein are requirements of this RFQ and failure to comply will result in disqualification of the Qualifications submitted.

\_\_\_\_\_  
Signature of Proposer's Officer (blue ink preferred on original)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Proposer's Officer

\_\_\_\_\_  
Title of Proposer's Officer.

**JOINT VENTURES:** In the event multiple Proposers submit a joint Proposal in response to the RFQ, a single Proposer shall be identified as the Prime Proposer. If offering a joint Proposal, Prime Proposer must include the name and address of all parties of the joint Proposal. Prime Proposer shall provide all bonding and insurance requirements, execute any Contract, complete the **REQUIRED RESPONSE FORM** shown herein, have overall and complete accountability to resolve any dispute arising within this contract. Only a single contract with one Proposer shall be acceptable. Prime Proposer responsibilities shall include, but not be limited to, performing of overall contract administration, preside over other Proposers participating or present at SBBC meetings, oversee preparation of reports and presentations, and file any notice of protest and final protest as described herein. Prime Proposer shall also prepare and present a consolidated invoice(s) for services performed. SBBC shall issue only one check for each consolidated invoice to the Prime Proposer for services performed. Prime Proposer shall remain responsible for performing services associated with response to this RFQ.



Firm: \_\_\_\_\_

RFQ #: \_\_\_\_\_

**Scope of Available Services Form**

(Both of these columns can be yes)

Scope of Services	In House Services (yes or no)	Consultant
Architecture		
Civil Engineering		
Electrical Engineering		
Land Surveying		
Mechanical Engineering		
Structural Engineering		
Landscape Design		
Site Analysis and Planning		
Plumbing Design		
Other		



The School Board of Broward County, Florida  
Procurement and Warehousing Department  
7720 W. Oakland Park Blvd., Suite 323  
Sunrise, Florida 33351

(754) 321-0505

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**Document 00220a: Proposer's Request for Information**

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**To: Purchasing Agent**  
**Procurement and Warehousing Department**  
**7720 W. Oakland Park Blvd., Suite 323**  
**Sunrise, Florida 33351**

**Date:** \_\_\_\_\_

(For Owner's Use Only)  
**Bidder's**  
**RFI No.:**

**Project:** \_\_\_\_\_  
**Facility Name:** \_\_\_\_\_

**Project Number &**  
**Location Number:** \_\_\_\_\_  
**Project Consultant:** \_\_\_\_\_

**Category:**

- Information not shown on RFQ Documents
- Interpretation of RFQ Documents
- Conflict in RFQ Requirements
- Coordination

**Subject:** \_\_\_\_\_

**Description:**

**Attachments:**

**Bidder:**

Company Name  
& Address:

Phone:

**By:** \_\_\_\_\_

Signature

\_\_\_\_\_ Title

## Attachment G - Project Scope of Work

McFatter Technical College  
6500 Nova Drive  
Davie FL 33317

Project Number: P-0016xx (TBD)  
Project Description: Design & Renovation  
RFQ Number: 17-063C

**Prepared for:** The School Board of Broward County

600 SE 3<sup>rd</sup> Ave  
Ft Lauderdale, FL 33301

**Prepared by:** **HEERY**

A group of professional service practices  
999 Peachtree St, NE  
Atlanta, Georgia 30309

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## 1.0.0 Executive Summary

On November 4, 2014, Broward County voters approved a General Obligation Bond (Bond) referendum that provides critically needed funding for Broward's students. Broward County Public Schools has committed to investing the funding to enhance students' learning environments by focusing on improvements in Safety, Music, Art, Athletics, Renovations and Technology (SMART).

To ensure equity among schools regarding Broward County Public Schools SMART initiative, a comprehensive Facility Needs Assessment was conducted Districtwide. The Needs Assessment provided an objective, data-driven overview of the District as a whole, as well as a strategic planning tool for prioritizing the most critical needs facing our schools for safety and security; repairs and renovations; and technology and technology infrastructure.

Based on the Facility Needs Assessment, McFatter Technical College was found to require renovations to multiple facility components. The key objectives are 1) to thoroughly plan the work to allow normal school activities to continue without interruption with a focus on safety and completing work as soon as possible, and 2) to capitalize on 2017 Summer break to complete portions of scope when students are not on campus.

Included in this project scope of work is:

### McFatter Technical College

- ADA Renovate Restrooms
- Safety / Security Upgrade
- Fire Sprinkler
- Fire Alarm
- Media Center Improvements
- HVAC repairs to include buildings 1, 2, 4, 5
- Electrical improvements
- Building Envelope Improvements

## 2.0.0 McFatter Technical College

### 2.1.0 Project Scope of Work

The scope of work is broken down in accordance with the Approved District Educational Facility Plan SMART Program. The scope is presented as overall site deficiencies with specific trades called out when possible. Additionally, the scope of services specific to each campus building is itemized in section 2.4.0 facility assessment reports with specific trades called out when possible for reference purposes only.

**The Design Team is responsible for confirming all areas within the scope of work and necessary quantities and component sizes relevant to the campus renovations.** The scope of work is limited to that which is being funded by the General Obligation Bond or agreed upon alternatives with the designated representatives of the school district.

The Design Team shall be responsible for the replacement design of plumbing fixtures to bring Building 1, 2 and 4 restrooms to address ADA compliance issues. The design shall comply with all applicable codes, SREF design requirements, and district guidelines and Education Specifications.

The Design Team shall be responsible for the full design of a complete replacement of the lighting, including Emergency Lighting in Buildings 2 and 5, Fire Sprinkler systems in Building 4, Emergency Exit Signage in Building 1, and a campus wide replacement of the Fire Alarm System which shall meet all applicable codes and SREF design requirements. The Life Safety, Fire Detection and Alarm, and Fire Sprinkler systems are viewed as a mission critical concern of the highest priority level.

The Design Team shall be responsible for the full design of the Media Center improvements. The Designer shall work with the designated representatives of the school district to identify and perform remodeling of these spaces. These renovations may include but are not limited to typical design disciplines and may require specialty trades. Refer to Section 2.4.1 ADEFP for budgeted SMART program allocation. The Designer shall coordinate the overall ADEFP budget with individual Media Center and associated restroom scope budgets. See Section 2.3.3 and 2.3.4 for room designations, and 2.3.2 FISH Inventory for relevant Design Code for room coordination. All renovations shall comply with applicable codes, standards, SREF design requirements, and owner's design guidelines.

The facility assessment determined various HVAC mechanical and electrical building systems and building envelope deficiencies to require replacement or repair. The Design Team shall be responsible for the design and engineering of building systems to correct deficiencies listed in section 2.4.0 in accordance with applicable codes and standards recognized by the jurisdiction. The HVAC mechanical deficiencies include, but are not limited to, the replacement of large HVAC circulating pumps in Building 5 and roof mounted condensing units on Building 1. Additionally, the scope includes multiple building work consisting of, but not limited to, duct heater replacement, duct cleaning, test and balance of HVAC systems, exhaust hoods and ventilation fans, and pneumatic controls with DDC controls. The design shall comply with applicable codes, standards, SREF design requirements and owner's design guidelines.

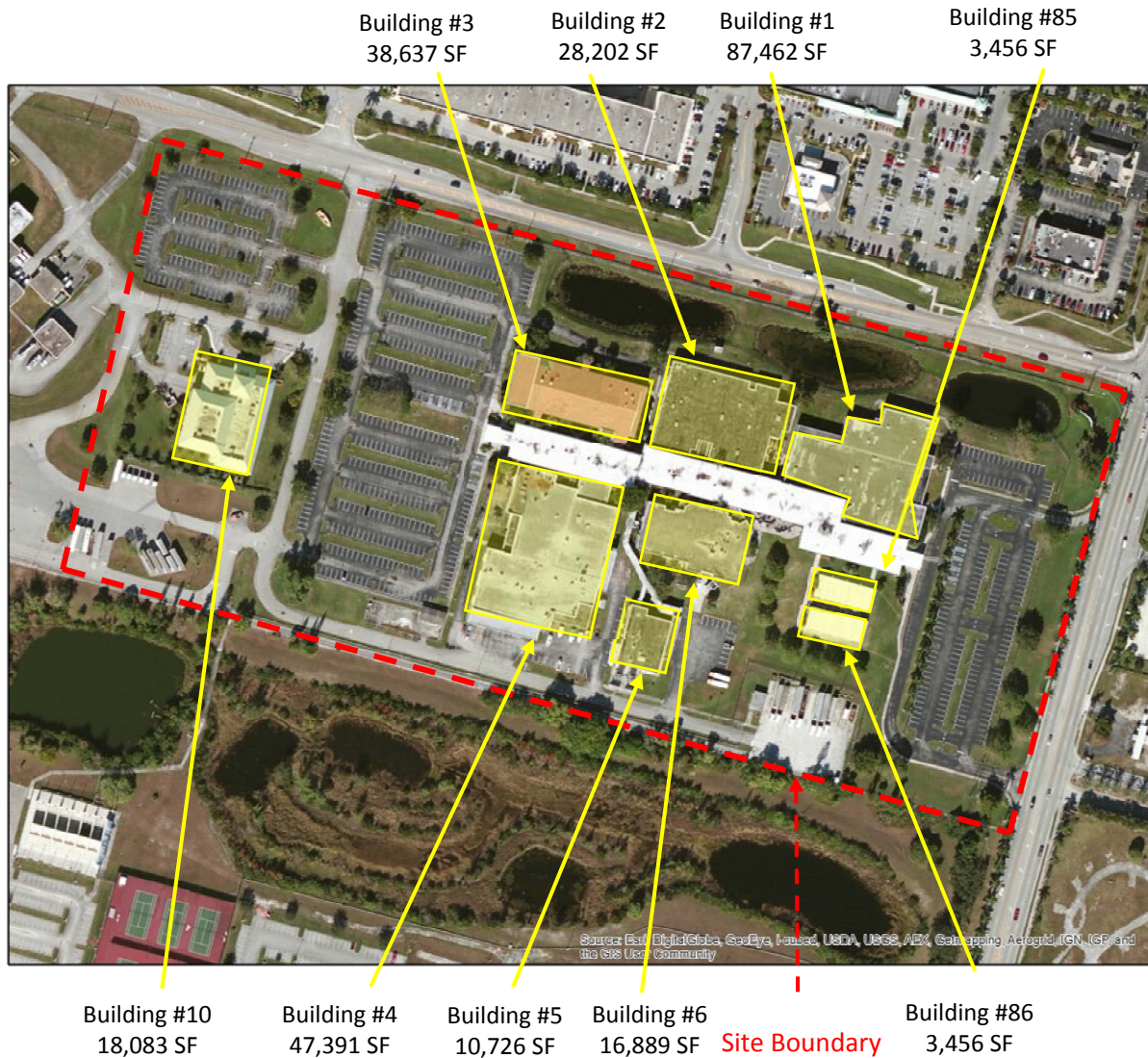
The electrical scope includes, but is not limited to, switch gear replacement, canopy lighting replacement, exterior dry type transformer replacement in multiple campus buildings. The design shall comply with applicable codes, standards, SREF design requirements and owner's design guidelines.

The envelope scope includes, but is not limited to the replacement of exterior doors, aluminum and steel windows, exterior painting at multiple buildings throughout the campus and the reroofing of multiple campus buildings. The Design Team shall provide a full design of complete replacement of the existing roofing system with new decking requirements per County standards. Moreover, some existing roof areas will need to be raised to provide positive drainage and new minimum roof R-Values and may necessitate the need to raise existing equipment, utilities and other construction to accommodate new flashing heights.

In addition to the identified deficiencies found in section 2.4.0, the Design Team is responsible for working with the designated representatives of the school district to identify additional deficiencies related to the envelope, indoor air quality, lighting, and HVAC systems. The facility assessment reports stand as initial budgeted concerns, but does not serve as the limits of scope of work for the project renovation.

### 2.2.0 Site Summary

McFatter Technical College is an existing school originally built in 1985 with expansions and renovations having taken place in 1986, 1995, 1997, 2001, and 2006. The campus currently encompasses twelve (12) buildings with an approximate square footage of 195,391 SF.



Buildings not shown: Bldg 7 – 85 sqft., Bldg 8 – 800 sqft., Bldg 9 – 600 sqft.



2.3.0 FISH Documents

2.3.1 FISH Summary Report



**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)**

**FLORIDA DEPARTMENT OF EDUCATION  
EDUCATIONAL FACILITIES  
AGENCY NSF/STUDENT STATIONS SUMMARY REPORT**

ORGANIZATION: 6-BROWARD COUNTY SCHOOL DISTRICT  
FACILITY: WILLIAM T MCFATTER TECHNICAL COLLEGE  
FACILITY USE: All  
STRUCTURE TYPE: All  
CONDITION: 1-SATISFACTORY  
GROUP BY: DISTRICT

District : 6 - BROWARD COUNTY SCHOOL DISTRICT

DESIGN CODE	ROOM DESIGN CODE	TOTAL ROOMS	NET SQ FT	STUDENT STATIONS
00023	SENIOR HIGH SCIENCE LAB (9-12)	4	6,120	100
00098	P E STORAGE (MIDDLE-SR HIGH)	2	147	0
00111	JR HIGH GYMNASIUM	1	6,745	160
00121	OTHER P E SPACE	1	660	0
00212	BUSINESS EDUCATION LAB	2	2,320	40
00222	SMALL DISTRIBUTIVE /DIVERSIFIED LAB	2	2,210	40
00234	LARGE HOME ECONOMICS LAB	1	2,745	20
00241	SMALL TECHNOLOGY LAB	2	3,768	50
00244	SMALL INDUSTRIAL LAB	2	2,627	35
00245	MEDIUM INDUSTRIAL LAB	6	11,909	115
00246	LARGE INDUSTRIAL LAB	5	17,875	98
00252	SMALL HEALTH LAB	6	6,330	110
00253	MEDIUM HEALTH LAB	1	2,145	19
00271	VPI LAB	1	1,000	0
00272	VOCATIONAL LAB SUPPORT SPACE	36	17,227	0
00300	PRINCIPAL/DIRECTOR OFFICE	2	388	0
00301	ASSISTANT PRINCIPAL/OTHER OFFICE	32	5,253	0
00302	BOOKKEEPING OFFICE	3	492	0
00303	SECRETARIAL SPACE	6	2,255	0
00304	RECEPTION AREA	7	2,763	0
00305	PRODUCTION WORKROOM	2	552	0
00306	CONFERENCE ROOM	4	1,330	0
00307	CLINIC	2	262	0
00308	GENERAL SCHOOL STORAGE	17	2,029	0



## FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

### FLORIDA DEPARTMENT OF EDUCATION EDUCATIONAL FACILITIES AGENCY NSF/STUDENT STATIONS SUMMARY REPORT

District : 6 - BROWARD COUNTY SCHOOL DISTRICT

DESIGN CODE	ROOM DESIGN CODE	TOTAL ROOMS	NET SQ FT	STUDENT STATIONS
00309	VAULT/STUDENT RECORDS	2	321	0
00313	CAREERS ROOM	1	391	0
00315	TEACHER PLANNING OFFICE	14	4,102	0
00330	CUSTODIAL RECEIVING	1	1,346	0
00331	CUSTODIAL SERVICE CLOSET	15	923	0
00332	CUSTODIAL WORK AREA	3	1,293	0
00333	FLAMMABLE STORAGE	4	1,165	0
00340	DINING AREA	1	437	0
00341	KITCHEN & SERVING AREA	1	198	0
00342	KITCHEN DRY STORAGE	1	125	0
00344	KITCHEN GARBAGE WASH	1	80	0
00345	KITCHEN NONFOOD STORAGE	2	255	0
00350	OTHER FOOD SERVICE	5	734	0
00368	TEXTBOOK STORAGE	2	1,060	0
00370	LOBBY	2	1,120	0
00380	LIBRARY (READING ROOM/STACKS)	1	1,879	0
00387	MEDIA PRODUCTION LAB	1	340	0
00700	INSIDE CIRCULATION	40	14,344	0
00701	COVERED WALKWAY	29	69,821	0
00702	MECHANICAL ROOM	16	5,166	0
00703	ELECTRICAL ROOM	10	2,576	0
00705	GALLERY/ART DISPLAY	6	281	0
00707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	1	87	0
00806	REFERENCE	2	440	0
00807	VOCATIONAL EQUIPMENT STORAGE	1	56	0
00808	MATERIAL STORAGE	41	3,565	0
00810	MATERIAL STORAGE (LARGE)	11	4,164	0
00812	PROJECT STORAGE	5	838	0
00814	STUDENT RESTROOM (BOTH SEXES)	2	138	0
00815	STUDENT RESTROOM (MALE)	7	677	0
00816	STUDENT RESTROOM (FEMALE)	7	665	0



## FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

### FLORIDA DEPARTMENT OF EDUCATION EDUCATIONAL FACILITIES AGENCY NSF/STUDENT STATIONS SUMMARY REPORT

District : 6 - BROWARD COUNTY SCHOOL DISTRICT

DESIGN CODE	ROOM DESIGN CODE	TOTAL ROOMS	NET SQ FT	STUDENT STATIONS
00818	LOCKERS/RESTROOM/SHOWER (ESE/VOC ED)	4	716	0
00819	STAFF RESTROOM (MALE)	9	919	0
00820	STAFF RESTROOM (FEMALE)	9	952	0
00821	STAFF RESTROOM (BOTH SEXES)	1	72	0
00822	PUBLIC USE RESTROOM (MALE)	1	38	0
00823	PUBLIC USE RESTROOM (FEMALE)	1	38	0
00826	ELEVATOR (FREIGHT)	1	30	0
00840	VOCATIONAL RELATED CLASSROOM	46	33,356	716
00850	VOCATIONAL TOOL STORAGE (SMALL)	5	709	0
00851	VOCATIONAL TOOL STORAGE (LARGE)	2	572	0
00854	VOCATIONAL DARKROOM	5	767	0
	TOTALS :	466	255,908	1,503

	TOTALS FOR SELECTED DISTRICTS :	466	255,908	1,503
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2.3.2 FISH Inventory

**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)**  
FACILITY INVENTORY REPORT



ORGANIZATION: 6-BROWARD COUNTY SCHOOL DISTRICT  
FACILITY: WILLIAM T MCFATTER TECHNICAL COLLEGE  
FACILITY USE: ALL

**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**  
**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

Primary Use: VOCATIONAL TECHNICAL      Grades Housed: VE - VE      DOE Validation Date:      Capital Outlay Classification: SCHOOL RECOMMENDED FOR CONTINUED USE

**MASTER SCHOOL ID**

MSID	Name	Status
1291	WILLIAM T. MCFATTER TECHNICAL CENTER	Default

**CAPITAL OUTLAY FTE**

Year: 2012 / 2013						
PK: 0.00	01: 0.00	03: 0.00	05: 0.00	07: 0.00	09: 149.38	11: 145.22
KG: 0.00	02: 0.00	04: 0.00	06: 0.00	08: 0.00	10: 147.24	12: 201.74
						Adult: 1487.00
						Total: 2130.58

**SCHOOL CAPACITY**

SCHOOL CAPACITY	YEAR ROUND CAPACITY	UTILIZATION FACTOR	PRIMARY USE
1,803	18	1.20	VOCATIONAL TECHNICAL

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**PARCEL: 97**

6500 NOVA DRIVE  
DAVIE, FL 33317

Parking: DEVELOPED	Owner: SCHOOL BOARD	Fire: 9
Athletic: NO ATHLETIC FACILITY	Water: PUBLIC	Police: CITY
Sewage: PUBLIC	Plat: CAMPUS	Drainage: ADEQUATE
Landscape: DEVELOPED	Playground: NO PARK/PUBLIC ACCESS	Acres: 34.00
Date Acquired: 1/11/1962		Lease Expiration Date:

**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 1 - Building Number 00001**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1985	Artificial Lighting: COMBINATION OF 1-6	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: ONE WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: DOUBLE INSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
001	1212	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	1	97	96
002	600	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
003	1560	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



003A	65	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	1	97	96
003B	80	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	1	97	96
003C	280	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	1	97	96
003D	160	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	1	97	96
004	290	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
004A	51	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
100	48734	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
100A	918	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
100B	1256	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
100C	1585	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
100D	126	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
100E	1117	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
101	300	304	RECEPTION AREA	0	01	CARPET	1985	SATISFACTORY	1	97	96
101A	244	300	PRINCIPAL/DIRECTOR OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
101B	87	707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
102	159	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
103	144	300	PRINCIPAL/DIRECTOR OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
104	208	303	SECRETARIAL SPACE	0	01	CARPET	1985	SATISFACTORY	1	97	96
105	184	302	BOOKKEEPING OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
106	152	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
107	124	302	BOOKKEEPING OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
107A	107	309	VAULT/STUDENT RECORDS	0	01	CARPET	1985	SATISFACTORY	1	97	96
108	144	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



109	184	302	BOOKKEEPING OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
110	50	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
111	50	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
112	34	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
113	382	305	PRODUCTION WORKROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
113A	50	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
114	50	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
115A	145	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
116	184	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
117	715	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1985	SATISFACTORY	1	97	96
117A	48	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
118	230	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
118A	35	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
118B	158	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
118C	158	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
119	177	303	SECRETARIAL SPACE	0	01	CARPET	1985	SATISFACTORY	1	97	96
119A	110	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
119B	154	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
120	360	370	LOBBY	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
120A	90	705	GALLERY/ART DISPLAY	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
120B	35	705	GALLERY/ART DISPLAY	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
121	1050	222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	20	01	CARPET	1985	SATISFACTORY	1	97	96
122	880	303	SECRETARIAL SPACE	0	01	CARPET	1985	SATISFACTORY	1	97	96
122A	132	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



122B	214	309	VAULT & STUDENT RECORDS	0	01	CARPET	1985	SATISFACTORY	1	97	96
122C	168	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
122D	113	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
122E	62	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
122F	62	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
123	80	368	TEXTBOOK STORAGE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123A	192	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123B	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123C	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123D	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123E	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123F	762	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1985	SATISFACTORY	1	97	96
123G	391	313	CAREERS ROOM	0	01	CARPET	1985	SATISFACTORY	1	97	96
123H	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
123J	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
124	82	332	CUSTODIAL WORK AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
125	734	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
126	622	304	RECEPTION AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
126A	205	306	CONFERENCE ROOM	0	01	CARPET	1985	SATISFACTORY	1	97	96
127	43	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
128	43	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
129	186	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
130	648	306	CONFERENCE ROOM	0	01	CARPET	1985	SATISFACTORY	1	97	96
130A	20	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96

Report Date: 7/1/2014 10:10:09 AM

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



130B	76	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
130C	110	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
130D	1000	271	VPI LAB	0	01	CARPET	1985	SATISFACTORY	1	97	96
131	119	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	1	97	96
132	58	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
133	685	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
133A	59	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
134	776	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
134A	149	808	MATERIAL STORAGE	0	01	CARPET	1985	SATISFACTORY	1	97	96
135	387	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
136	326	306	CONFERENCE ROOM	0	01	CARPET	1985	SATISFACTORY	1	97	96
137	166	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
138	70	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
139	166	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	1	97	96
140	200	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	1	97	96
141	2255	245	MEDIUM INDUSTRIAL LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
141A	162	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
141B	144	812	PROJECT STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
142	183	812	PROJECT STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
143	74	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
145	568	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
145A	235	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
146	3780	246	LARGE INDUSTRIAL LAB	18	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96
146A	94	854	VOCATIONAL DARKROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	1	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



ID	Room Name	Area	Code	Material	Year	Status	Unsatisfactory		Failed Standards		Scheduled For Replacement	
							Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
146B	VOCATIONAL DARKROOM	854	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
146D	MATERIAL STORAGE (LARGE)	810	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
146E	MATERIAL STORAGE	808	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
147	MEDIUM INDUSTRIAL LAB	245	01	CARPET	1985	SATISFACTORY	19	0	0	0	0	0
147A	TEACHER PLANNING OFFICE	315	01	CARPET	1985	SATISFACTORY	0	0	0	0	0	0
147B	MATERIAL STORAGE	808	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
148	ELECTRICAL ROOM	703	01	CONCRETE	1985	SATISFACTORY	0	0	0	0	0	0
149	SMALL INDUSTRIAL LAB	244	01	COMPOSITION TILE	1985	SATISFACTORY	15	0	0	0	0	0
149A	VOCATIONAL TOOL STORAGE (LARGE)	851	01	CERAMIC TILE	1985	SATISFACTORY	0	0	0	0	0	0
149C	PROJECT STORAGE	812	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
149D	VOCATIONAL DARKROOM	854	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
149E	VOCATIONAL DARKROOM	854	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
149F	VOCATIONAL DARKROOM	854	01	COMPOSITION TILE	1985	SATISFACTORY	0	0	0	0	0	0
<b>Permanent</b>							87,583	0	0	0	0	0
<b>TOTAL</b>							87,583	0	0	0	0	0

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 2 - Building Number 00002**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1985	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTERRECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: DOUBLE INSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
020	63	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
020B	316	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
021	1072	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
022	833	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
022A	107	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	2	97	96
023	352	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
024	522	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
024A	136	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
200	506	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
200A	81	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
200B	128	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
200C	120	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	2	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



200D	30	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
200E	30	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
201	600	304	RECEPTION AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
202	1359	252	SMALL HEALTH LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
202A	210	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
203	1879	380	LIBRARY (READING ROOM/STACKS)	0	01	CARPET	1985	SATISFACTORY	2	97	96
203A	340	387	MEDIA PRODUCTION LAB	0	01	CARPET	1985	SATISFACTORY	2	97	96
204	824	252	SMALL HEALTH LAB	15	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
205	743	252	SMALL HEALTH LAB	15	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
206	965	252	SMALL HEALTH LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
206A	315	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
206B	96	818	LOCKERS/RESTROOM/SHOWER (ESEA/VOCE ED)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
206C	74	814	STUDENT RESTROOM (BOTH SEXES)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
206D	212	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
206E	161	272	VOCATIONAL LAB SUPPORT SPACE	0	01	QUARRY TILE	1985	SATISFACTORY	2	97	96
206F	91	331	CUSTODIAL SERVICE CLOSET	0	01	QUARRY TILE	1985	SATISFACTORY	2	97	96
206G	16	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
207	182	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
208	117	820	STAFF RESTROOM (FEMALE)	0	01	QUARRY TILE	1985	SATISFACTORY	2	97	96
209	55	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
210	117	819	STAFF RESTROOM (MALE)	0	01	QUARRY TILE	1985	SATISFACTORY	2	97	96
211	258	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	2	97	96
211A	238	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
211B	2145	253	MEDIUM HEALTH LAB	19	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



212	636	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212A	180	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212B	8	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212C	14	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212D	40	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212E	64	814	STUDENT RESTROOM (BOTH SEXES)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
212F	120	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212G	14	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212H	93	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
212J	12	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
213	160	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
214	425	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
214A	425	840	VOCATIONAL RELATED CLASSROOM	0	01	CARPET	1985	SATISFACTORY	2	97	96
215	414	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
215A	414	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
216	600	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
217	600	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
218	110	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
219	110	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
220	520	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	2	97	96
221	1340	252	SMALL HEALTH LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
221A	130	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	2	97	96
221B	110	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
221C	306	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



221D	274	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
221E	221	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
221F	210	818	LOCKERS/RESTROOM/SHOWER (ESEX/OC ED)	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
222	117	703	ELECTRICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
223	136	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
224	209	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	2	97	96
225	131	307	CLINIC	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
225A	25	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
226	131	307	CLINIC	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
226A	25	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
227	1099	252	SMALL HEALTH LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
227A	145	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
228	820	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	2	97	96
228A	68	808	MATERIAL STORAGE	0	01	CARPET	1985	SATISFACTORY	2	97	96
229	256	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
229A	38	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
230	38	822	PUBLIC USE RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
231	38	823	PUBLIC USE RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	2	97	96
232	234	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	2	97	96
233	207	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	2	97	96
233A	36	705	GALLERY/ART DISPLAY	0	01	CARPET	1985	SATISFACTORY	2	97	96
234	176	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	2	97	96
234A	18	308	GENERAL SCHOOL STORAGE	0	01	CARPET	1985	SATISFACTORY	2	97	96
235	176	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CARPET	1985	SATISFACTORY	2	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



236	371	304	RECEPTION AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
237	192	303	SECRETARIAL SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
237A	66	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	2	97	96
237B	174	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	2	97	96
237C	151	306	CONFERENCE ROOM	0	01	CARPET	1985	SATISFACTORY	2	97	96
237D	170	305	PRODUCTION WORKROOM	0	01	CARPET	1985	SATISFACTORY	2	97	96
237E	112	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	2	97	96

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	28,202	129	0	0	0	0	0	0
TOTAL	28,202	129	0	0	0	0	0	0

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 3 - Building Number 00003**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: SENIOR HIGH	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1997	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1997	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: COMPLETE TO ALL ROOMS	Struct Comp: COMBINATION OF 1-3
Stories: 2		Corridor: DOUBLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
031	300	700	INSIDE CIRCULATION	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
031A	30	826	ELEVATOR (FREIGHT)	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
031B	300	700	INSIDE CIRCULATION	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
031C	300	700	INSIDE CIRCULATION	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
300	1400	701	COVERED WALKWAY	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
300A	820	701	COVERED WALKWAY	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
300B	1400	701	COVERED WALKWAY	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
300C	820	701	COVERED WALKWAY	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
301	812	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
301A	72	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
302	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
302A	810	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



303	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
303A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
304	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
304A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
305	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
305A	75	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
307	45	703	ELECTRICAL ROOM	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
308	45	333	FLAMMABLE STORAGE	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
309	481	303	SECRETARIAL SPACE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
309A	47	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1997	SATISFACTORY	3	97	96
309B	47	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1997	SATISFACTORY	3	97	96
309C	130	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
309D	130	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
310	33	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
311	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
311A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
312	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
312A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
313	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
313A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
314	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
314A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
315	810	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
315A	71	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



316	83	331	CUSTODIAL SERVICE CLOSET	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
317	67	700	INSIDE CIRCULATION	0	01	CERAMIC TILE	1997	SATISFACTORY	3	97	96
317A	138	816	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1997	SATISFACTORY	3	97	96
318	67	700	INSIDE CIRCULATION	0	01	CERAMIC TILE	1997	SATISFACTORY	3	97	96
318A	126	815	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1997	SATISFACTORY	3	97	96
319	817	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
319A	77	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
320	119	703	ELECTRICAL ROOM	0	01	CONCRETE	1997	SATISFACTORY	3	97	96
321	650	702	MECHANICAL ROOM	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
322	817	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
322A	77	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
323	817	840	VOCATIONAL RELATED CLASSROOM	24	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
323A	77	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
300D	1400	701	COVERED WALKWAY	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
300E	820	701	COVERED WALKWAY	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
300F	1400	701	COVERED WALKWAY	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
300G	820	701	COVERED WALKWAY	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
350	810	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
350A	75	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
351	810	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
351A	75	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
352	1530	23	SENIOR HIGH SCIENCE LAB (9-12)	25	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
353	339	702	MECHANICAL ROOM	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
354	38	331	CUSTODIAL SERVICE CLOSET	0	02	CONCRETE	1997	SATISFACTORY	3	97	96

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**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)**  
**FACILITY INVENTORY REPORT**



355	1530	23	SENIOR HIGH SCIENCE LAB (9-12)	25	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
356	45	819	STAFF RESTROOM (MALE)	0	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
357	45	820	STAFF RESTROOM (FEMALE)	0	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
358	1530	23	SENIOR HIGH SCIENCE LAB (9-12)	25	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
359	1530	315	TEACHER PLANNING OFFICE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
359A	100	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
360	1530	23	SENIOR HIGH SCIENCE LAB (9-12)	25	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
361	810	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
361A	75	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
362	67	700	INSIDE CIRCULATION	0	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
362A	96	816	STUDENT RESTROOM (FEMALE)	0	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
363	67	700	INSIDE CIRCULATION	0	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
363A	126	815	STUDENT RESTROOM (MALE)	0	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
364	811	840	VOCATIONAL RELATED CLASSROOM	24	02	CERAMIC TILE	1997	SATISFACTORY	3	97	96
364A	55	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
365	84	703	ELECTRICAL ROOM	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
366	40	331	CUSTODIAL SERVICE CLOSET	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
367	54	331	CUSTODIAL SERVICE CLOSET	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
368	346	702	MECHANICAL ROOM	0	02	CONCRETE	1997	SATISFACTORY	3	97	96
369	811	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
369A	55	808	MATERIAL STORAGE	0	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96
370	812	840	VOCATIONAL RELATED CLASSROOM	24	02	COMPOSITION TILE	1997	SATISFACTORY	3	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



370A	77	808	MATERIAL STORAGE	0	02	1987	SATISFACTORY	3	97	96
				<b>Satisfactory</b>		<b>Failed Standards</b>		<b>Scheduled For Replacement</b>		
		<b>Square Feet</b>	<b>Student Stations</b>	<b>Unsatisfactory</b>		<b>Student Stations</b>		<b>Square Feet</b>		<b>Student Stations</b>
		38,637	556	<b>Square Feet</b>	<b>Student Stations</b>	<b>Square Feet</b>	<b>Student Stations</b>			
		38,637	556	0	0	0	0			0
		<b>TOTAL</b>		0	0	0	0			0

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 4 - Building Number 00004**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1985	Artificial Lighting: COMBINATION OF 1-6	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTER/RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: DOUBLE INSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
040	998	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
040A	192	700	INSIDE CIRCULATION	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
041	1088	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
041B	138	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
041C	144	700	INSIDE CIRCULATION	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
400	533	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
400A	697	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
400B	3000	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
400C	1264	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
400D	972	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
401	760	370	LOBBY	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
401A	361	315	TEACHER PLANNING OFFICE	0	01	CARPET	1985	SATISFACTORY	4	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



401B	38	705	GALLERY/ART DISPLAY	0	01	CARPET	1985	SATISFACTORY	4	97	96
402	2985	246	LARGE INDUSTRIAL LAB	20	01	CONCRETE	1985	SATISFACTORY	4	97	96
402A	86	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
402B	198	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
402C	428	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
402D	451	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
402E	528	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
402F	41	705	GALLERY/ART DISPLAY	0	01	CARPET	1985	SATISFACTORY	4	97	96
403	317	303	SECRETARIAL SPACE	0	01	CARPET	1985	SATISFACTORY	4	97	96
403A	102	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	4	97	96
403B	117	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	CARPET	1985	SATISFACTORY	4	97	96
404	64	700	INSIDE CIRCULATION	0	01	CARPET	1985	SATISFACTORY	4	97	96
404A	49	808	MATERIAL STORAGE	0	01	CARPET	1985	SATISFACTORY	4	97	96
404B	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
404C	100	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
405	2147	245	MEDIUM INDUSTRIAL LAB	20	01	CONCRETE	1985	SATISFACTORY	4	97	96
405A	528	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
405B	175	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
405C	133	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
405D	213	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
405E	480	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
406	165	703	ELECTRICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
407	164	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	4	97	96
408	50	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1985	SATISFACTORY	4	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



409	200	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	4	97	96
410	1515	245	MEDIUM INDUSTRIAL LAB	16	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
410A	240	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
410B	220	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
410C	220	812	PROJECT STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
410D	41	705	GALLERY/ART DISPLAY	0	01	CARPET	1985	SATISFACTORY	4	97	96
411	2116	245	MEDIUM INDUSTRIAL LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
411A	416	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
412	330	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
413	2116	245	MEDIUM INDUSTRIAL LAB	20	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
413A	421	810	MATERIAL STORAGE (LARGE)	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
414	3127	246	LARGE INDUSTRIAL LAB	20	01	CONCRETE	1985	SATISFACTORY	4	97	96
414A	324	810	MATERIAL STORAGE (LARGE)	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
414B	102	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
414C	788	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
415	1190	244	SMALL INDUSTRIAL LAB	20	01	CONCRETE	1985	SATISFACTORY	4	97	96
415A	788	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1985	SATISFACTORY	4	97	96
415B	176	812	PROJECT STORAGE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
415C	160	850	VOCATIONAL TOOL STORAGE (SMALL)	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
415D	168	808	MATERIAL STORAGE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
416	348	308	GENERAL SCHOOL STORAGE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
417	348	703	ELECTRICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
418	152	333	FLAMMABLE STORAGE	0	01	CONCRETE	1985	SATISFACTORY	4	97	96
419	4672	246	LARGE INDUSTRIAL LAB	20	01	CONCRETE	1985	SATISFACTORY	4	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



Item ID	Room Name	Area	Material	Year	Condition	Replacement
419A	VOCATIONAL LAB SUPPORT SPACE	0	CONCRETE	1985	SATISFACTORY	4
419B	VOCATIONAL LAB SUPPORT SPACE	0	CONCRETE	1985	SATISFACTORY	4
419C	MATERIAL STORAGE (LARGE)	0	CONCRETE	1985	SATISFACTORY	4
420	VOCATIONAL LAB SUPPORT SPACE	0	COMPOSITION TILE	1985	SATISFACTORY	4
420A	REFERENCE	0	COMPOSITION TILE	1985	SATISFACTORY	4
420B	VOCATIONAL LAB SUPPORT SPACE	0	COMPOSITION TILE	1985	SATISFACTORY	4
420C	ASSISTANT PRINCIPAL/OTHER OFFICE	0	COMPOSITION TILE	1985	SATISFACTORY	4
421	MECHANICAL ROOM	0	CONCRETE	1985	SATISFACTORY	4
422	LARGE INDUSTRIAL LAB	20	CONCRETE	1985	SATISFACTORY	4
422A	VOCATIONAL TOOL STORAGE (LARGE)	0	CONCRETE	1985	SATISFACTORY	4
422B	VOCATIONAL RELATED CLASSROOM	0	COMPOSITION TILE	1985	SATISFACTORY	4
423	VOCATIONAL RELATED CLASSROOM	0	COMPOSITION TILE	1985	SATISFACTORY	4

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	47,391	176	0	0	0	0	0	0
TOTAL	47,391	176	0	0	0	0	0	0



# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 5 - Building Number 00005**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1985	Artificial Lighting: COMBINATION OF 1-6	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: NONE	Heat Capacity: ADEQUATE
Average Age NSF: 1985	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
500	4054	701	COVERED WALKWAY	0	01	CONCRETE	1985	SATISFACTORY	5	97	96
501	1346	330	CUSTODIAL RECEIVING	0	01	CONCRETE	1985	SATISFACTORY	5	97	96
501G	225	332	CUSTODIAL WORK AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	5	97	96
501H	980	368	TEXTBOOK STORAGE	0	01	CONCRETE	1985	SATISFACTORY	5	97	96
502	229	304	RECEPTION AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	5	97	96
502A	68	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	5	97	96
502B	68	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1985	SATISFACTORY	5	97	96
503	986	332	CUSTODIAL WORK AREA	0	01	COMPOSITION TILE	1985	SATISFACTORY	5	97	96
503A	168	808	MATERIAL STORAGE	0	01	COMPOSITION TILE	1985	SATISFACTORY	5	97	96
504	168	333	FLAMMABLE STORAGE	0	01	CONCRETE	1985	SATISFACTORY	5	97	96
505	1084	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	5	97	96
506	775	703	ELECTRICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	5	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



Permanent	TOTAL	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
		Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
		10,726	0	0	0	0	0	0	0
		10,726	0	0	0	0	0	0	0

507	575	703	ELECTRICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	5	97	96
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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 6 - Building Number 00006**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 1995	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTERRECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 1995	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: SINGLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
060	88	700	INSIDE CIRCULATION	0	01	CARPET	1995	SATISFACTORY	6	97	96
060A	632	700	INSIDE CIRCULATION	0	01	CARPET	1995	SATISFACTORY	6	97	96
060B	160	700	INSIDE CIRCULATION	0	01	CARPET	1995	SATISFACTORY	6	97	96
061	227	700	INSIDE CIRCULATION	0	01	CARPET	1995	SATISFACTORY	6	97	96
062	313	700	INSIDE CIRCULATION	0	01	CARPET	1995	SATISFACTORY	6	97	96
600	280	701	COVERED WALKWAY	0	01	CONCRETE	1995	SATISFACTORY	6	97	96
600A	225	701	COVERED WALKWAY	0	01	CONCRETE	1995	SATISFACTORY	6	97	96
600B	160	701	COVERED WALKWAY	0	01	CONCRETE	1995	SATISFACTORY	6	97	96
600C	96	701	COVERED WALKWAY	0	01	CONCRETE	1995	SATISFACTORY	6	97	96
600D	300	701	COVERED WALKWAY	0	01	CONCRETE	1995	SATISFACTORY	6	97	96
601	1160	222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	20	01	CARPET	1995	SATISFACTORY	6	97	96
601A	525	840	VOCATIONAL RELATED CLASSROOM	15	01	CARPET	1995	SATISFACTORY	6	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



601B	105	315	TEACHER PLANNING OFFICE	0	01	CARPET	1995	SATISFACTORY	6	97	96
601C	125	808	MATERIAL STORAGE	0	01	CARPET	1995	SATISFACTORY	6	97	96
601D	150	806	REFERENCE	0	01	CARPET	1995	SATISFACTORY	6	97	96
602	1160	212	BUSINESS EDUCATION LAB	20	01	CARPET	1995	SATISFACTORY	6	97	96
602A	525	840	VOCATIONAL RELATED CLASSROOM	15	01	CARPET	1995	SATISFACTORY	6	97	96
602B	105	315	TEACHER PLANNING OFFICE	0	01	CARPET	1995	SATISFACTORY	6	97	96
602C	105	808	MATERIAL STORAGE	0	01	CARPET	1995	SATISFACTORY	6	97	96
603	1160	212	BUSINESS EDUCATION LAB	20	01	CARPET	1995	SATISFACTORY	6	97	96
603A	105	315	TEACHER PLANNING OFFICE	0	01	CARPET	1995	SATISFACTORY	6	97	96
603B	105	808	MATERIAL STORAGE	0	01	CARPET	1995	SATISFACTORY	6	97	96
604	2745	234	LARGE HOME ECONOMICS LAB	20	01	QUARRY TILE	1995	SATISFACTORY	6	97	96
604A	205	315	TEACHER PLANNING OFFICE	0	01	CARPET	1995	SATISFACTORY	6	97	96
605	484	350	OTHER FOOD SERVICE	0	01	QUARRY TILE	1995	SATISFACTORY	6	97	96
605A	45	350	OTHER FOOD SERVICE	0	01	QUARRY TILE	1995	SATISFACTORY	6	97	96
605B	125	345	KITCHEN NONFOOD STORAGE	0	01	QUARRY TILE	1995	SATISFACTORY	6	97	96
605C	125	342	KITCHEN DRY STORAGE	0	01	QUARRY TILE	1995	SATISFACTORY	6	97	96
605D	130	345	KITCHEN NONFOOD STORAGE	0	01	QUARRY TILE	1995	SATISFACTORY	6	97	96
605E	65	350	OTHER FOOD SERVICE	0	01	OTHER	1995	SATISFACTORY	6	97	96
605F	70	350	OTHER FOOD SERVICE	0	01	OTHER	1995	SATISFACTORY	6	97	96
605G	70	350	OTHER FOOD SERVICE	0	01	OTHER	1995	SATISFACTORY	6	97	96
605H	55	331	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1995	SATISFACTORY	6	97	96
606	80	344	KITCHEN GARBAGE WASH	0	01	CERAMIC TILE	1995	SATISFACTORY	6	97	96
606A	143	702	MECHANICAL ROOM	0	01	CONCRETE	1995	SATISFACTORY	6	97	96
607	116	702	MECHANICAL ROOM	0	01	CONCRETE	1995	SATISFACTORY	6	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



ID	Room Number	Room Description	Count	Code	Material	Year	Status	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement			
								Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations		
608	840	VOCATIONAL RELATED CLASSROOM	0	01	COMPOSITION TILE	1995	SATISFACTORY							6	97	96	
609	703	ELECTRICAL ROOM	0	01	CONCRETE	1995	SATISFACTORY							6	97	96	
610	272	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1995	SATISFACTORY							6	97	96	
610A	500	VOCATIONAL LAB SUPPORT SPACE	0	01	QUARRY TILE	1995	SATISFACTORY							6	97	96	
611	700	INSIDE CIRCULATION	0	01	QUARRY TILE	1995	SATISFACTORY							6	97	96	
612	205	TEACHER PLANNING OFFICE	0	01	COMPOSITION TILE	1995	SATISFACTORY							6	97	96	
613	1050	VOCATIONAL LAB SUPPORT SPACE	0	01	COMPOSITION TILE	1995	SATISFACTORY							6	97	96	
613B	840	VOCATIONAL RELATED CLASSROOM	15	01	CARPET	1995	SATISFACTORY							6	97	96	
614	129	STUDENT RESTROOM (MALE)	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
615	129	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
616	135	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
617	135	STUDENT RESTROOM (FEMALE)	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
618	116	CUSTODIAL SERVICE CLOSET	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
619	205	LOCKERS/RESTROOM/SHOWER (ESE/MOC ED)	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
620	205	LOCKERS/RESTROOM/SHOWER (ESE/MOC ED)	0	01	CERAMIC TILE	1995	SATISFACTORY							6	97	96	
Permanent								15,889	125	0	0	0	0	0	0	0	
TOTAL								15,889	125	0	0	0	0	0	0	0	0

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 7 - Building Number 00007**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: VOCATIONAL TECHNICAL	Mech Vent: NONE	Heat Source: NONE
Year Constructed: 1985	Artificial Lighting: NONE	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: NONE	Heat Capacity: NONE
Average Age NSF: 1985	Intercom: NONE	Walls: OTHER
Relocatable Units: 0	Telephone: NONE	Struct Comp: CONCRETE
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
701	85	702	MECHANICAL ROOM	0	01	CONCRETE	1985	SATISFACTORY	7	97	96

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	85	0	0	0				
TOTAL	85	0	0	0	0	0	0	0

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 8 - Building Number 00008**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: NONE
Year Constructed: 1986	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: NONE	Heat Capacity: NONE
Average Age NSF: 1986	Intercom: NONE	Walls: STUCCO
Relocatable Units: 0	Telephone: NONE	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
801	800	333	FLAMMABLE STORAGE	0	01	CONCRETE	1986	SATISFACTORY	8	97	96

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	800	0	0	0	0	0	0	0
TOTAL	800	0	0	0	0	0	0	0

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 9 - Building Number 00009**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: NONE
Use: VOCATIONAL TECHNICAL	Mech Vent: NONE	Heat Source: NONE
Year Constructed: 1985	Artificial Lighting: NONE	Heat Distribution: NO HEAT PROVIDED
Year Modified:	Educational TV: NONE	Heat Capacity: NONE
Average Age NSF: 1985	Intercom: NONE	Walls: OTHER
Relocatable Units: 0	Telephone: NONE	Struct Comp: CONCRETE
Stories: 1		Corridor: NONE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
900	600	272	VOCATIONAL LAB SUPPORT SPACE	0	01	CONCRETE	1985	SATISFACTORY	9	97	96

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	600	0	0	0	0	0	0	0
TOTAL	600	0	0	0	0	0	0	0



# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 10 - Building Number 10**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: CENTRAL
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 2006	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE TRANSMITTERRECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 2006	Intercom: TWO WAY COMPLETE	Walls: STUCCO
Relocatable Units: 0	Telephone: PARTIAL SYSTEM	Struct Comp: COMBINATION OF 1-3
Stories: 1		Corridor: DOUBLE INSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
010	133	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
010A	802	700	INSIDE CIRCULATION	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1000	468	701	COVERED WALKWAY	0	01	CONCRETE	2006	SATISFACTORY	10	97	96
1000A	194	701	COVERED WALKWAY	0	01	CONCRETE	2006	SATISFACTORY	10	97	96
1001	491	304	RECEPTION AREA	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1002	2168	241	SMALL TECHNOLOGY LAB	25	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1002A	125	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1003	6745	111	JR HIGH GYMNASIUM	160	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1003A	56	807	VOCATIONAL EQUIPMENT STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1003B	131	98	P E STORAGE (MIDDLE-SR HIGH)	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1003C	16	98	P E STORAGE (MIDDLE-SR HIGH)	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1004	48	331	CUSTODIAL SERVICE CLOSET	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



1005	48	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1006	1600	241	SMALL TECHNOLOGY LAB	25	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1006A	198	341	KITCHEN & SERVING AREA	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1006B	437	340	DINING AREA	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1007	216	820	STAFF RESTROOM (FEMALE)	0	01	CERAMIC TILE	2006	SATISFACTORY	10	97	96
1008	153	819	STAFF RESTROOM (MALE)	0	01	CERAMIC TILE	2006	SATISFACTORY	10	97	96
1009	16	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1010	72	821	STAFF RESTROOM (BOTH SEXES)	0	01	CERAMIC TILE	2006	SATISFACTORY	10	97	96
1011	150	304	RECEPTION AREA	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1011A	120	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1011B	108	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1012	460	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1012A	72	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1013	540	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1013A	72	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1014	500	840	VOCATIONAL RELATED CLASSROOM	15	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1014A	125	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1015	660	121	OTHER P E SPACE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1016	595	301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1016A	125	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96
1017	319	308	GENERAL SCHOOL STORAGE	0	01	COMPOSITION TILE	2006	SATISFACTORY	10	97	96

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



1018	120	702	MECHANICAL ROOM	0	01	2006	SATISFACTORY	10	97	96
Permanent	Satisfactory		Student Stations	Unsatisfactory		Failed Standards		Scheduled For Replacement		
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations		
	18,083	225	0	0	0	0	0	0	0	0
TOTAL	18,083	225	0	0	0	0	0	0	0	0

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# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 85 - Building Number 00085**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: INDIVIDUAL UNITS
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 2001	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 2001	Intercom: TWO WAY COMPLETE	Walls: CONCRETE
Relocatable Units: 0	Telephone: NONE	Struct Comp: CONCRETE
Stories: 1		Corridor: DOUBLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
850	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	85	97	96
851	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	85	97	96
852	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	85	97	96
853	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	85	97	96

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	3,456	100	0	0	0	0	0	0
TOTAL	3,456	100	0	0	0	0	0	0

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**DISTRICT: 6 BROWARD COUNTY SCHOOL DISTRICT**

**FACILITY: 96-A WILLIAM T MCFATTER TECHNICAL COLLEGE**

**BUILDING: 86 - Building Number 00086**

Owner: SCHOOL BOARD	Light: ADEQUATE	Cooling: INDIVIDUAL UNITS
Use: VOCATIONAL TECHNICAL	Mech Vent: ADEQUATE	Heat Source: ELECTRIC
Year Constructed: 2001	Artificial Lighting: SHIELDED FLORESCENT	Heat Distribution: CENTRAL HOT AIR
Year Modified:	Educational TV: FIXED SERVICE RECEIVER	Heat Capacity: ADEQUATE
Average Age NSF: 2001	Intercom: TWO WAY COMPLETE	Walls: CONCRETE
Relocatable Units: 0	Telephone: NONE	Struct Comp: CONCRETE
Stories: 1		Corridor: DOUBLE OUTSIDE

ROOM	NET SQ FT	DESIGN CODE	DESCRIPTION	STU STA	FLR LOC	FLOOR COVER	YEAR CONST	CONDITION	BLDG	PAR	FAC
860	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	86	97	96
861	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	86	97	96
862	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	86	97	96
863	864	840	VOCATIONAL RELATED CLASSROOM	25	01	COMPOSITION TILE	2001	SATISFACTORY	86	97	96

	Satisfactory		Unsatisfactory		Failed Standards		Scheduled For Replacement	
	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations	Square Feet	Student Stations
Permanent	3,456	100	0	0	0	0	0	0
TOTAL	3,456	100	0	0	0	0	0	0

# FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)

## FACILITY INVENTORY REPORT



**STUDENT STATIONS BY DESIGN CODE FOR:**  
**FACILITY: WILLIAM T MCFATTER TECHNICAL COLLEGE**

Design Code	Design Code Description	Satis Stu Sta			Unsat Stu Sta			Unsat Rooms			Satis Rooms			Unsat Rooms			Fail Std Stu Sta		Fail Std Rooms		Repl Stu Sta		Repl Rooms	
		Perm	Mod	Relo	Perm	Mod	Relo	Tot	Perm	Mod	Relo	Perm	Mod	Relo	Perm	Mod	Relo	Relo	Relo	Relo	Relo	Relo		
00023	SENIOR HIGH SCIENCE LAB (9-12)	100	0	0	0	0	0	100	0	4	0	0	0	0	0	0	0	0	0	0	0	0		
00088	P E STORAGE (MIDDLE-SR HIGH)	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00111	JR HIGH GYMNASIUM	160	0	0	0	0	160	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
00121	OTHER P E SPACE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
00212	BUSINESS EDUCATION LAB	40	0	0	0	0	40	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00222	SMALL DISTRIBUTIVE/DIVERSIFIED LAB	40	0	0	0	0	40	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00234	LARGE HOME ECONOMICS LAB	20	0	0	0	0	20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
00241	SMALL TECHNOLOGY LAB	50	0	0	0	0	50	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00244	SMALL INDUSTRIAL LAB	35	0	0	0	0	35	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00245	MEDIUM INDUSTRIAL LAB	115	0	0	0	0	115	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0		
00246	LARGE INDUSTRIAL LAB	98	0	0	0	0	98	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0		
00252	SMALL HEALTH LAB	110	0	0	0	0	110	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0		
00253	MEDIUM HEALTH LAB	19	0	0	0	0	19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
00271	VPI LAB	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
00272	VOCATIONAL LAB SUPPORT SPACE	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0		
00300	PRINCIPAL/DIRECTOR OFFICE	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00301	ASSISTANT PRINCIPAL/OTHER OFFICE	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0		
00302	BOOKKEEPING OFFICE	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0		
00303	SECRETARIAL SPACE	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0		
00304	RECEPTION AREA	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0		
00305	PRODUCTION WORKROOM	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00306	CONFERENCE ROOM	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0		
00307	CLINIC	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
00308	GENERAL SCHOOL STORAGE	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0		

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**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)**  
FACILITY INVENTORY REPORT



Design Code	Design Code Description	Satis Stu Sta			Unset Stu Sta			Unset Tot	Satis Rooms			Unset Rooms			Fail Std Stu Sta	Repl Stu Sta	Fail Std Rooms	Repl Rooms
		Perm	Mod	Relo	Perm	Mod	Relo		Perm	Mod	Relo	Perm	Mod	Relo				
00309	VAULT/STUDENT RECORDS	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00313	CAREERS ROOM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00315	TEACHER PLANNING OFFICE	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	
00330	CUSTODIAL RECEIVING	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00331	CUSTODIAL SERVICE CLOSET	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	
00332	CUSTODIAL WORK AREA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
00333	FLAMMABLE STORAGE	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
00340	DINING AREA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00341	KITCHEN & SERVING AREA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00342	KITCHEN DRY STORAGE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00344	KITCHEN GARBAGE WASH	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00345	KITCHEN NONFOOD STORAGE	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00350	OTHER FOOD SERVICE	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	
00368	TEXTBOOK STORAGE	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00370	LOBBY	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00380	LIBRARY (READING ROOM/STACKS)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00387	MEDIA PRODUCTION LAB	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00700	INSIDE CIRCULATION	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	
00701	COVERED WALKWAY	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	
00702	MECHANICAL ROOM	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	
00703	ELECTRICAL ROOM	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	
00705	GALLERY/ART DISPLAY	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	
00707	TELEPHONE EQUIPMENT/COMMUNICATION CLOSET	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00806	REFERENCE	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
00807	VOCATIONAL EQUIPMENT STORAGE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
00808	MATERIAL STORAGE	0	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	

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**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)**  
**FACILITY INVENTORY REPORT**



Design Code	Design Code Description	Satis Stu Sta			Unset Stu Sta			Sat Tot	Unset Tot	Satis Rooms			Unset Rooms			Fail Std Stu Sta		Fail Std Rooms		Repl Stu Sta		Repl Rooms	
		Perm	Mod	Relo	Perm	Mod	Relo			Perm	Mod	Relo	Perm	Mod	Relo	Perm	Mod	Relo	Relo	Relo	Relo	Relo	Relo
00810	MATERIAL STORAGE (LARGE)	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	
00812	PROJECT STORAGE	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	
00814	STUDENT RESTROOM (BOTH SEXES)	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
00815	STUDENT RESTROOM (MALE)	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	
00816	STUDENT RESTROOM (FEMALE)	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	
00818	LOCKERS/RESTROOM/SHOWER (ESE.MOC.ED)	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	
00819	STAFF RESTROOM (MALE)	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
00820	STAFF RESTROOM (FEMALE)	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
00821	STAFF RESTROOM (BOTH SEXES)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
00822	PUBLIC USE RESTROOM (MALE)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
00823	PUBLIC USE RESTROOM (FEMALE)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
00826	ELEVATOR (FREIGHT)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
00840	VOCATIONAL RELATED CLASSROOM	716	0	0	0	0	0	716	0	46	0	0	0	0	0	0	0	0	0	0	0	0	
00850	VOCATIONAL TOOL STORAGE (SMALL)	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	
00851	VOCATIONAL TOOL STORAGE (LARGE)	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
00854	VOCATIONAL DARKROOM	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Totals</b>		1503	0	0	0	0	0	1503	0	466	0	0	0	0	0	0	0	0	0	0	0	0	



**FLORIDA INVENTORY OF SCHOOL HOUSES (FISH)**  
FACILITY INVENTORY REPORT

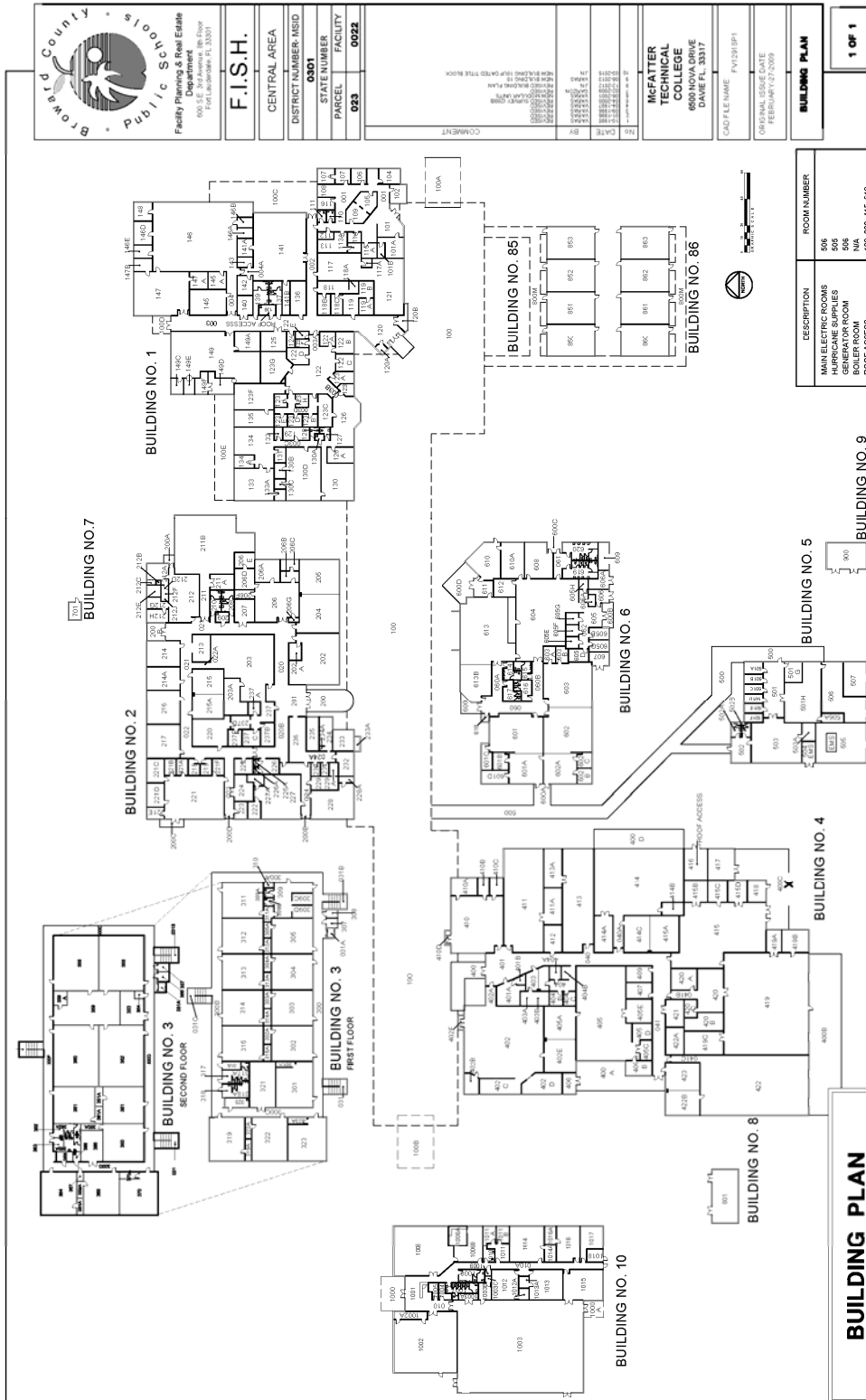


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2.3.4 FISH Building Plan



## 2.4.0 Facility Assessments and Budgetary Documentation

This section includes facility condition assessments and budgetary documentation that has been completed over recent years regarding the General Obligation Bond funding and approved budgetary construction scope of work.

### 2.3.1 Adopted District Educational Facilities Plan

The ADEFP is the most recent approved budget for each campus of Broward County Schools. Construction scope is itemized including changes to the initial deficiency listings for each campus. It is the responsibility of the Design/Build Contractor to reconcile any differences between the ADEFP and additional budgetary or facility condition assessments.

### 2.3.2 SMART Campus Summary

The SMART Campus Summary is the most recent facility condition assessment completed for each campus. The summary provides existing building applicable dates and square footage, in addition to deficiency listings broken down into Safety & Security, Music & Arts, Athletics, Renovations, and Technology (SMART) categories to organize the approved funding in terms of programs that are affected.

The Campus Summary does not represent the final approved funding, and is for information purposes only.

### 2.3.3 MAPPS Deficiency Listing

The MAPPS Deficiency Listing is a detailed facility condition assessment conducted by Jacobs over recent years. The deficiency listing is presented as an itemized list of deficiencies on a site and building specific level organized by discipline. Note that all deficiency items are not in the scope of work. Items initialed "GOB" are included in the initial General Obligation Bond, prior to final approval of ADEFP.

The MAPPS Deficiency Listing does not represent the final approved funding, and is for information purposes only.

### 2.3.4 MAPPS Detailed List

The MAPPS Detailed List is raw database information in tabular format. The purpose of the Detailed List is to provide additional notes and quantity to cost estimate information. It is important to note that the Detailed List does not include all items from the approved budget. Additional items may occur and should be confirmed with the ADEFP.

### 2.3.5 MAPPS Deficiency Detail

The MAPPS Deficiency Detail report is raw database information with a breakdown of the cost estimate including construction adjustments and soft cost adjustments. As is with the Detail List, budget confirmation with the ADEFP is required.

2.4.1 Adopted District Educational Facilities Plan (DEFP)

**McFatter Technical College**

<b>Adopted District Educational Facilities Plan</b>							
Project	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	Scope
ADA	47,525					47,525	ADA Renovate Restroom
<del>HVAC</del>	<del>3,295,888</del>					<del>3,295,888</del>	<del>HVAC Repairs HVAC</del>
ADEFP Sub-Total	47,525	0	0	0	0	47,525	

<b>SMART Program</b>							
Project	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	Scope
Safety & Security		56,000				56,000	Safety / Security Upgrade
Safety & Security		292,000				292,000	Fire Sprinklers
Safety & Security		672,000				672,000	Fire Alarm
Renovation		100,000				100,000	School Choice Enhancement
Renovation		151,000				151,000	Media Center improvements
Renovation	<del>2,623,888</del>					2,623,888	HVAC repairs to include buildings 1,2,4,5.
Renovation		577,000				577,000	Electrical Improvements
Renovation	16,000					16,000	CAT 6 Data port Upgrade
Renovation		2,280,000				2,280,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
Renovation	110,000					110,000	Wireless Network Upgrade
Technology	362,000					362,000	Technology Infrastructure (Servers, Racks, etc.) Upgrade
SMART Sub-Total	3,111,888	4,128,000	0	0	0	7,239,888	
	Carryover (2014-15)	Year 1 (2015-16)	Year 2 (2016-17)	Year 3 (2017-18)	Year 4 (2018-19)	Total	
<b>School Total</b>	3,159,413	4,128,000	0	0	0	7,287,413	

**Addendum #1**

**List of Facility Project Revisions**

This addendum is a result of the Facilities Department’s ongoing review process for construction projects. The addendum provides updated information received on February 11th, after the major reports in the Amendment to the ADEFP were compiled and the summary tables had been reviewed and finalized. This addendum is attached to and made a part of the Amendment to the Adopted District Educational Facilities Plan.

School	Project	Scope	Amount	Revised Amount	Increase/ (Decrease)
Deerfield Beach Senior High School	Renovations	Roof Repairs and HVAC	9,431,000	8,752,000	(679,000)
Hollywood Hills Senior High School	Renovations	Roof Replacement	4,105,000	3,568,000	(537,000)
Lauderdale Lakes Middle School	Renovations	Roof repair, stucco and waterproof, interior repairs, HVAC - evaluation, test/balance and repair. Replace FB in 4 AHUs and provide dehumidification.	3,125,000	3,346,000	221,000
Lauderhill 6-12	Renovations	Roof repairs, new elevator, remodel mezzanine, covered walkway, gym lights	1,943,000	1,868,000	(75,000)
	<a href="#">Athletics</a>	<a href="#">Weight Room Renovation</a>	<a href="#">0</a>	<a href="#">121,000</a>	<a href="#">121,000</a> *
Northeast Senior High School	Renovations	Re-Roofing.	3,769,000	3,408,000	(361,000)
Nova Senior High School	Music & Arts	Replacement of building 15	885,000	-	(885,000)
	Renovations	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)	2,644,000	3,544,000	900,000
	Renovations	Electrical Improvements	1,466,000	2,642,000	1,176,000
	Renovations	HVAC Improvements	6,631,000	8,493,000	1,862,000
	Renovations	Replacement of building 14	1,928,200	-	(1,928,200)
	Renovations	Replacement of building 16	2,103,750	-	(2,103,750)
	Safety & Security	Safety / Security Upgrade	250,000	570,000	320,000
	<a href="#">Renovations</a>	<a href="#">Media Center Improvements</a>	<a href="#">34,000</a>	<a href="#">543,000</a>	<a href="#">509,000</a> *
Walter C Young Middle School	Renovations	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)	2,318,000	3,011,000	693,000
	Renovations	HVAC Improvements	5,508,000	5,805,000	297,000
	Safety & Security	Single Point of Entry	465,000	-	(465,000)
William T Mcfatter Technical College	Renovations	HVAC repairs to include buildings 1,2,4,5.	2,624,000	3,296,000	672,000
Wingate Oaks Center	Renovations	Replacement of HVAC equipment in buildings 1,2,4,5.	700,000	1,120,000	420,000
Wingate Oaks Center	Renovations	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)	-	902,000	902,000
			<b>49,929,950</b>	<b>50,989,000</b>	<b>1,059,050</b>

\* [Additional correction made by the Facilities Department after the April 14, 2015, School Board Workshop.](#)

2.4.2 SMART Campus Summary



2014 Facility Condition Assessment  
Campus Summary

<b>1291</b>	<b>William T Mcfatter Technical College</b>		
	6500 Nova Drive		
	Davie FL 33317		
	Year Open		1985
	Other Years	1986, 1995, 1997, 2001, 2006	
	Perm. Bldgs/SF	12	195,391
	Port. Bldgs/SF	0	0
	Current FCI Need		11,281,362
	Replacement Value	÷	41,485,530
	<b>Facility Condition Index</b>	<b>=</b>	<b>27.2 %</b>



Facility Condition Index



GOB Bond / Construction Projects

Safety & Security	Budget	Fund Yr.	Status
William T Mcfatter Technical College Fire Alarm	\$672,000	2016	2014 GOB
William T Mcfatter Technical College Fire Sprinklers	\$292,000	2016	2014 GOB
William T Mcfatter Technical College Safety / Security	\$56,000	2016	2014 GOB
	<b>\$1,020,000</b>		

Music & Arts	Budget	Fund Yr.	Status
None Identified			

Athletics	Budget	Fund Yr.	Status
None Identified			

Renovations	Budget	Fund Yr.	Status
William T Mcfatter Technical College Envelope	\$17,000	2016	2014 GOB
William T Mcfatter Technical College Roofing	\$2,108,000	2016	2014 GOB
William T Mcfatter Technical College HVAC	\$1,628,000	2016	2014 GOB
William T Mcfatter Technical Center School Choice Enhancement	\$100,000	2016	2014 GOB
William T Mcfatter Technical College Other Envelope Improvements	\$155,000	2016	2014 GOB
William T Mcfatter Technical College Other HVAC Improvements	\$804,000	2016	2014 GOB
William T Mcfatter Technical College Electrical Improvements	\$577,000	2016	2014 GOB
William T Mcfatter Technical College Media Center Renovations	\$151,000	2016	2014 GOB
	<b>\$5,540,000</b>		

Technology	Budget	Fund Yr.	Status
William T Mcfatter Technical College Tech Infrastructure	\$362,000	2015	2014 GOB
William T McFatter Tech College Wireless Network	\$110,000	2015	2014 GOB
William T McFatter Tech College CAT6 Dataports	\$16,000	2015	2014 GOB
	<b>\$488,000</b>		

**Total In-Progress and Planned \$7,048,000**  
Total Unplanned Need \$6,117,009



2014 Facility Condition Assessment  
**Campus Summary**

<b>Unplanned Need</b>	
<b>Safety &amp; Security</b>	<b>Budget</b>
None Identified	
	<b>\$0</b>
<b>Music &amp; Arts</b>	<b>Budget</b>
None Identified	
	<b>\$0</b>
<b>Athletics</b>	<b>Budget</b>
None Identified	
	<b>\$0</b>
<b>Renovations</b>	<b>Budget</b>
HVAC repairs at McFatter to include buildings 1,2,4,5.	\$2,355,112
Other Electrical improvements at William T Mcfatter Technical College	\$32,463
Various maintenance projects throughout campus	
Misc Maintenance Improvements at William T Mcfatter Technical College	\$1,154,619
Misc Site Improvements at William T Mcfatter Technical College	\$60,502
Misc Interior Improvements at William T Mcfatter Technical College	\$1,185,625
Misc Plumbing Improvements at William T Mcfatter Technical College	\$313,696
Misc Specialties Improvements at William T Mcfatter Technical College	\$1,014,992
	<b>\$6,117,009</b>
<b>Technology</b>	<b>Budget</b>
None Identified	
	<b>\$0</b>
<b>Total Unplanned Need \$6,117,009</b>	



2.4.3 MAPPS Deficiency Listing

**Broward County Public Schools**

**School Deficiency Listing**

<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Site Level Deficiencies**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School lacks marquee or marquee in poor condition.	Educational Adequacy	1	Ea.	4	\$26,800	303533
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$26,800</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Aluminum Covered Walkways Require Replacement	Capital Renewal	53,736	SF	2	\$330,759	314465 GOB
Aluminum Covered Walkways Require Replacement	Capital Renewal	4,054	SF	2	\$24,953	314466 GOB
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$355,712</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School site lacks appropriate lighting.	Educational Adequacy	13	Ea.	3	\$64,600	255343
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$64,600</b>	

**Fire and Security**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Entire Fire Alarm System Needs to be Replaced Location: Main/Portable	Capital Renewal	1	LS	1	\$672,142	220848 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$672,142</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School requires technology infrastructure (servers, racks, etc).	Functional Deficiency	1	LS	1	\$362,160	313405 GOB
School requires voice over internet protocol phone system	Functional Deficiency	1	LS	1	\$166,375	313881
School requires Wireless Access Point hardware	Functional Deficiency	1	LS	1	\$47,716	313814 GOB
CAT-6 wiring to WAP needs to be provided	Functional Deficiency	79	Ea.	3	\$62,312	225138 GOB
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$638,563</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Computer room lacks appropriate furniture.	Functional Deficiency	1	Ea.	4	\$2,117	250245
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$2,117</b>	

**Other**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
School Selected Educational Adequacy Enhancement	Educational Adequacy	1	LS	2	\$100,000	314111 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$100,000</b>	
<b>Sub Total for School and Site Level</b>		<b>11</b>	<b>items</b>		<b>\$1,859,733</b>	

**Building: 01 - Building 1**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Switchgear Is Needed Or Requires Replacement	Capital Renewal	1	Ea.	1	\$39,302	66761 GOB
The Canopy Lighting Requires Replacement	Deferred Maintenance	40	Ea.	2	\$77,897	66706 GOB
The Exterior Dry Type Transformer Requires Replacement	Capital Renewal	1	Ea.	2	\$18,688	66712 GOB
The Pole Lighting Requires Repair	Deferred Maintenance	6	Ea.	3	\$10,588	66705
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$146,475</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	35,539	SF	2	\$432,416	224563 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$432,416</b>	

**Broward County Public Schools**

**School Deficiency Listing**

<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Building: 01 - Building 1**

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Brck Exterior Requires Repointing	Deferred Maintenance	5,000	SF Wall	3	\$69,946	66341 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$69,946</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	2	Ea	3	\$747	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	17	Ea.	3	\$2,908	Rollup
Room has insufficient writing area.	Educational Adequacy	4	Ea.	3	\$4,154	Rollup
The Carpet Flooring Requires Replacement	Capital Renewal	7,500	SF	3	\$76,590	66345
The HVAC Terminal Device Requires Replacement	Capital Renewal	41	Ea.	3	\$157,077	66841 GOB
The Suspended Ceiling Grnd and Tiles Require Replacement	Capital Renewal	3,300	SF	3	\$28,912	66343
Room has insufficient tackboard area.	Educational Adequacy	2	Ea.	4	\$771	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	80	Ea	4	\$48,365	Rollup
The Interior Door Hardware Requires Replacement	Capital Renewal	20	Door	4	\$43,276	66347
Interior Walls Require Repainting	Deferred Maintenance	21,900	SF Wall	5	\$61,894	66467
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>		<b>\$424,714</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	2	\$214,842	66854 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	2	\$214,842	66854
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	2	\$135,569	66855 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	2	\$135,569	66855
Controls Are Inadequate And Should Be Replaced With DDC Controls	Capital Renewal	35,539	SF	3	\$153,052	66829
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	3	Ea.	3	\$6,130	66824 GOB
Test And Balancing Required	Deferred Maintenance	35,539	SF	3	\$50,333	66827
The Fan Coil (Chilled Water) HVAC Component Requires Replacement	Capital Renewal	1	Ea	3	\$2,491	66837 GOB
The Roof Condenser Requires Replacement	Capital Renewal	2	TonAC	3	\$3,233	66822 GOB
Duct Cleaning Required	Deferred Maintenance	35,539	SF	5	\$28,955	66833
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>		<b>\$946,016</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Emergency Exit Signage Requires Replacement	Deferred Maintenance	10	Ea.	2	\$7,110	66716 GOB
The Distribution Panel Requires Replacement	Capital Renewal	1	Ea.	2	\$30,965	66713 GOB
The GFCI Electrical Receptacles Are Inadequate And More Are Needed	Deferred Maintenance	10	Ea.	2	\$4,116	66720 GOB
Electrical wiring requires replacement	Deferred Maintenance	8,000	LF	3	\$214,155	66709
Room has insufficient electrical outlets.	Educational Adequacy	120	Ea	3	\$43,894	Rollup
The Electrical Receptacles Require Replacement	Capital Renewal	20	Ea.	3	\$5,034	66719
Room lacks controls to partially dim lights.	Educational Adequacy	2	Ea.	5	\$1,559	Rollup
<b>Sub Total for System</b>		<b>7</b>	<b>items</b>		<b>\$306,832</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	3	Ea.	2	\$8,134	Rollup

**Broward County Public Schools**

**School Deficiency Listing**

9/2/2014 8:16 AM

<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Building: 01 - Building 1**

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	4	Ea.	2	\$5,428	Rollup
The Unnal Plumbing Fixtures Require Replacement	Capital Renewal	2	Ea	2	\$3,543	66849
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea.	2	\$4,354	66045
Prep room lacks a sink.	Educational Adequacy	4	Ea.	3	\$17,799	Rollup
Shop lacks a dust collection system.	Educational Adequacy	4	Ea.	3	\$152,691	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	1	Ea.	3	\$2,362	66846
The Rest Room Lavatories Plumbing Fixtures Require Replacement	Capital Renewal	1	Ea.	3	\$2,414	66848
Room lacks private toilets.	Educational Adequacy	2	Ea.	4	\$22,432	Rollup
Room lacks a drinking fountain.	Educational Adequacy	6	Ea.	5	\$5,754	Rollup
<b>Sub Total for System</b>		<b>10</b>	<b>Items</b>		<b>\$224,909</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	1	Ea.	2	\$3,684	Rollup
Room lacks Interactive White Board	Educational Adequacy	6	Ea.	2	\$16,330	Rollup
<b>Sub Total for System</b>		<b>2</b>	<b>Items</b>		<b>\$20,014</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	4	Ea.	3	\$29,854	Rollup
Blinds are missing or in poor condition.	Educational Adequacy	30	SF Surf	4	\$848	Rollup
<b>Sub Total for System</b>		<b>2</b>	<b>Items</b>		<b>\$30,702</b>	
<b>Sub Total for Building 01 - Building 1</b>		<b>47</b>	<b>Items</b>		<b>\$2,601,024</b>	

**Building: 02 - Building 2**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Switchgear Is Needed Or Requires Replacement	Capital Renewal	1	Ea.	1	\$24,773	66747 GOB
The Canopy Lighting Requires Replacement	Deferred Maintenance	12	Ea.	2	\$23,369	66743 GOB
The Exterior Dry Type Transformer Requires Replacement	Capital Renewal	1	Ea.	2	\$18,888	66751 GOB
<b>Sub Total for System</b>		<b>3</b>	<b>Items</b>		<b>\$66,831</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	28,602	SF	2	\$348,011	224564 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>Items</b>		<b>\$348,011</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Interior CMU Walls Require Repair	Deferred Maintenance	10,000	SF	3	\$257,007	66469
<b>Sub Total for System</b>		<b>1</b>	<b>Items</b>		<b>\$257,007</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	2	Ea.	3	\$747	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	17	Ea.	3	\$2,908	Rollup

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**Building: 02 - Building 2**

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient writing area.	Educational Adequacy	1	Ea.	3	\$1,039	Rollup
The Carpet Flooring Requires Replacement	Capital Renewal	6,000	SF	3	\$81,272	66470
The HVAC Terminal Device Requires Replacement	Capital Renewal	30	Ea	3	\$114,935	66887 GOB
The Suspended Ceiling Grid and Tiles Require Replacement	Capital Renewal	14,000	SF	3	\$122,657	66468
Room has insufficient tackboard area.	Educational Adequacy	5	Ea	4	\$1,927	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	80	Ea	4	\$48,385	Rollup
Room lacks appropriate sound control.	Educational Adequacy	1,040	SF	4	\$32,619	Rollup
The Interior Door Hardware Requires Replacement	Capital Renewal	7	Door	4	\$15,147	66489
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>		<b>\$401,635</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Air Handler HVAC Component Requires Replacement	Capital Renewal	3	Ea.	2	\$322,263	66887 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	3	Ea.	2	\$322,263	66887
Controls Are Inadequate And Should Be Replaced With DDC Controls	Capital Renewal	28,672	SF	3	\$123,479	66864
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	8	Ea	3	\$16,346	66860 GOB
Test And Balancing Required	Deferred Maintenance	28,672	SF	3	\$40,608	66862
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$87,524	66886
Duct Cleaning Required	Deferred Maintenance	28,672	SF	5	\$23,360	66866
<b>Sub Total for System</b>		<b>7</b>	<b>items</b>		<b>\$936,842</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Emergency Lighting Is Inadequate Or Not Present And Should Be Installed	Code Compliance	28,672	SF	2	\$44,750	66753 GOB
The GFCI Electrical Receptacles Are Inadequate And More Are Needed	Deferred Maintenance	20	Ea.	2	\$8,231	66756 GOB
Room has insufficient electrical outlets.	Educational Adequacy	6	Ea.	3	\$2,195	Rollup
The Electrical Receptacles Are Inadequate And More Are Needed	Functional Deficiency	15	Ea	3	\$5,419	66757
Room does not have tamper-proof light switching.	Educational Adequacy	1	Ea.	5	\$486	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	1	Ea.	5	\$779	Rollup
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>		<b>\$61,860</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	3	Ea.	2	\$4,070	Rollup
The Urinal Plumbing Fixtures Require Replacement	Capital Renewal	4	Ea	2	\$7,087	66870
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea	2	\$1,713	66882
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	2	Ea	2	\$4,840	66885
Prep room lacks a sink.	Educational Adequacy	7	Ea	3	\$31,148	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	2	Ea	3	\$4,723	66869
<b>Sub Total for System</b>		<b>6</b>	<b>items</b>		<b>\$63,681</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	3	Ea.	2	\$11,053	Rollup
Room lacks Interactive White Board	Educational Adequacy	8	Ea.	2	\$21,773	Rollup

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**Building: 02 - Building 2**

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks access to video distribution.	Educational Adequacy	1	Ea.	5	\$665	Rollup
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$33,491</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	7	Ea.	3	\$36,773	Rollup
Room lacks the required demonstration table.	Educational Adequacy	1	Ea.	3	\$7,463	Rollup
Blinds are missing or in poor condition.	Educational Adequacy	28	SF Surf	4	\$791	Rollup
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$45,028</b>	

**Other**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Media Center requires renovation based on condition of room(s)	Capital Renewal	1	LS	2	\$138,501	316261 GOB
Provide renovation of restrooms associated with educational adequacy renovations	Capital Renewal	1	LS	2	\$12,500	316324 GOB
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$151,001</b>	
<b>Sub Total for Building 02 - Building 2</b>		<b>42</b>	<b>Items</b>		<b>\$2,364,286</b>	

**Building: 03 - Building 3**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Canopy Lighting Requires Replacement	Deferred Maintenance	46	Ea.	2	\$87,638	66763 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$87,638</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	1	Ea.	3	\$171	Rollup
Room has insufficient writing area	Educational Adequacy	1	Ea.	3	\$1,039	Rollup
The Suspended Ceiling Grid and Tiles Require Replacement	Capital Renewal	10,000	SF	3	\$85,711	66491
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$86,921</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Controls Are Inadequate And Should Be Replaced With DDC Controls	Capital Renewal	31,245	SF	3	\$120,388	66889 GOB
Duct Heater Requires Replacement	Capital Renewal	4	Ea.	3	\$19,816	66892 GOB
Ductwork Requires Replacement	Capital Renewal	50	LF	3	\$474	66891 GOB
Test And Balancing Required	Deferred Maintenance	31,245	SF	3	\$41,564	66888 GOB
Duct Cleaning Required	Deferred Maintenance	31,245	SF	5	\$24,904	66890
<b>Sub Total for System</b>		<b>5</b>	<b>Items</b>		<b>\$213,146</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	32	Ea.	3	\$11,706	Rollup
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$11,706</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea.	2	\$2,540	66893
Prep room lacks a sink.	Educational Adequacy	4	Ea.	3	\$17,799	Rollup

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**Building: 03 - Building 3**

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	5	Ea.	3	\$11,552	66894
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$31,991</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$15,749</b>	

**Conveyances**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Elevator Cab And Or Controls Require Repair	Deferred Maintenance	2	Ea.	1	\$68,104	66765
Elevator Sump Requires Draining And Cleaning	Deferred Maintenance	1	Ea.	2	\$855	66895
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$68,960</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks an appropriate refrigerator.	Educational Adequacy	4	Ea.	3	\$21,013	Rollup
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$21,013</b>	
<b>Sub Total for Building 03 - Building 3</b>		<b>17</b>	<b>items</b>		<b>\$537,025</b>	

**Building: 04 - Building 4**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Make Up Air Equipment Requires Replacement	Capital Renewal	7	Ea.	2	\$86,590	66905 GOB
<b>Sub Total for System</b>		<b>0</b>	<b>items</b>		<b>\$86,590</b>	

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Switchgear Is Needed Or Requires Replacement	Capital Renewal	1	Ea.	1	\$67,175	66774 GOB
The Canopy Lighting Requires Replacement	Deferred Maintenance	50	Ea.	2	\$97,371	66773 GOB
The Exterior Dry Type Transformer Requires Replacement	Capital Renewal	1	Ea.	2	\$28,651	66775 GOB
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$193,197</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	47,391	SF	2	\$576,623	224565 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$576,623</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	1	Ea.	3	\$373	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	19	Ea.	3	\$3,251	Rollup
Room has insufficient writing area.	Educational Adequacy	7	Ea.	3	\$7,270	Rollup
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	8,000	SF	3	\$43,735	66511
The Carpet Flooring Requires Replacement	Capital Renewal	1,200	SF	3	\$12,254	66512
The HVAC Terminal Device Requires Replacement	Capital Renewal	19	Ea.	3	\$72,792	66913 GOB
Room has insufficient tackboard area	Educational Adequacy	7	Ea.	4	\$2,698	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	177	Ea.	4	\$107,053	Rollup
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>		<b>\$249,426</b>	

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**Building: 04 - Building 4**

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Air Handler HVAC Component Requires Replacement	Capital Renewal	4	Ea.	2	\$429,883	66909 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	4	Ea.	2	\$429,883	66909
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	2	\$107,421	66910 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	2	\$107,421	66910
Controls Are Inadequate And Should Be Replaced With DDC Controls	Capital Renewal	49,201	SF	3	\$211,889	66899
Duct Heater Requires Replacement	Capital Renewal	4	Ea.	3	\$20,253	66920 GOB
Duct Heater Requires Replacement	Capital Renewal	1	Ea.	3	\$5,063	66924 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	15	Ea.	3	\$30,649	66896 GOB
Test And Balancing Required	Deferred Maintenance	49,201	SF	3	\$69,682	66898
The Air Handler HVAC Component Requires Replacement	Capital Renewal	2	Ea.	3	\$113,401	66901
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,701	66911
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$43,762	66912
Duct Cleaning Required	Deferred Maintenance	49,201	SF	5	\$40,086	66900
<b>Sub Total for System</b>		<b>13</b>	<b>items</b>		<b>\$1,665,695</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The GFCI Electrical Receptacles Are Inadequate And More Are Needed	Deferred Maintenance	40	Ea.	2	\$16,463	66776 GOB
Room has insufficient electrical outlets.	Educational Adequacy	263	Ea.	3	\$96,199	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	1	Ea.	5	\$779	Rollup
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$113,441</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks shut-off valves for utilities.	Code Compliance	9	Ea.	2	\$24,402	Rollup
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	9	Ea.	2	\$12,209	Rollup
The Urinal Plumbing Fixtures Require Replacement	Capital Renewal	5	Ea.	2	\$8,858	66903
Prep room lacks a sink.	Educational Adequacy	9	Ea.	3	\$40,048	Rollup
Shop lacks a dust collection system.	Educational Adequacy	8	Ea.	3	\$305,382	Rollup
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	14	Ea.	3	\$33,063	66902
Room lacks private toilets.	Educational Adequacy	2	Ea.	4	\$22,432	Rollup
Room lacks a drinking fountain.	Educational Adequacy	11	Ea.	5	\$10,550	Rollup
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>		<b>\$466,943</b>	

**Fire and Security**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Install Fire Sprinklers	Code Compliance	34,573	SF	1	\$292,341	Rollup GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$292,341</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks Fixed Projector	Educational Adequacy	6	Ea.	2	\$22,105	Rollup
Room lacks Interactive White Board	Educational Adequacy	9	Ea.	2	\$24,495	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	1,400	LF	2	\$31,499	Rollup
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$78,099</b>	

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**Building: 04 - Building 4**

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room lacks the required demonstration table.	Educational Adequacy	9	Ea.	3	\$67,171	Rollup
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$67,171</b>	

**Other**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Abandoned Equipment needs to be removed	Deferred Maintenance	1	Ea.	4	\$1,201	66904
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,201</b>	
<b>Sub Total for Building 04 - Building 4</b>		<b>42</b>	<b>items</b>		<b>\$3,780,726</b>	

**Building: 05 - Building 5**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Canopy Lighting Requires Replacement	Deferred Maintenance	6	Ea.	2	\$11,685	66797 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$11,685</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	7,006	SF	2	\$85,245	224566 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$85,245</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Aluminum Window Is Damaged And Requires Replacement	Capital Renewal	40	SF	2	\$5,853	66596 GOB
The Exterior Requires Cleaning	Deferred Maintenance	26,960	SF Wall	5	\$52,860	66528
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$58,713</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	1,600	SF	3	\$8,747	66536
The Carpet Flooring Requires Replacement	Capital Renewal	1,500	SF	3	\$15,318	66556
The HVAC Terminal Device Requires Replacement	Capital Renewal	5	Ea.	3	\$19,156	66954 GOB
Interior Gypboard Walls Require Repainting	Deferred Maintenance	9,000	SF Wall	5	\$29,410	66539
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$72,631</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Large HVAC Circulating Pump Requires Replacement	Deferred Maintenance	2	Ea.	2	\$24,469	66944 GOB
Large HVAC Circulating Pump Requires Replacement	Deferred Maintenance	2	Ea.	2	\$33,508	66947 GOB
Controls Are Inadequate And Should Be Replaced With DDC Controls	Capital Renewal	7,006	SF	3	\$30,172	66933
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	3	Ea.	3	\$6,130	66930 GOB
Test And Balancing Required	Deferred Maintenance	7,006	SF	3	\$9,922	66932
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea.	3	\$56,701	66938
Duct Cleaning Required	Deferred Maintenance	7,006	SF	5	\$5,708	66937
<b>Sub Total for System</b>		<b>7</b>	<b>items</b>		<b>\$166,608</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Emergency Lighting System Is Damaged Or Missing And Should Be Replaced	Capital Renewal	7,006	SF	1	\$4,529	66799 GOB



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**Building: 05 - Building 5**

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The GFCI Electrical Receptacles Are Inadequate And More Are Needed	Deferred Maintenance	8	Ea.	2	\$3,293	66801 GOB
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$7,821</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	1	Ea.	3	\$2,362	66949
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$2,362</b>	

**Fire and Security**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Security Alarm is Missing or Inadequate	Functional Deficiency	7,006	SF	2	\$19,322	66800
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$19,322</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$15,749</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Security Camera Is Missing And Needed	Functional Deficiency	6	Ea.	2	\$13,142	66798
Air Compressor is Inoperable and Requires Replacement	Deferred Maintenance	2	Ea.	3	\$36,033	66935 GOB
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$49,175</b>	
<b>Sub Total for Building 05 - Building 5</b>		<b>22</b>	<b>items</b>		<b>\$489,310</b>	

**Building: 06 - Building 6**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Make Up Air Equipment Requires Replacement	Capital Renewal	3	Ea.	2	\$36,309	66984 GOB
<b>Sub Total for System</b>		<b>0</b>	<b>items</b>		<b>\$36,309</b>	

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Canopy Lighting Requires Replacement	Deferred Maintenance	10	Ea.	2	\$19,052	66802 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$19,052</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	17,680	SF	2	\$215,119	224567 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$215,119</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Aluminum Window Is Damaged And Requires Replacement	Capital Renewal	75	SF	2	\$10,737	66585 GOB
The Exterior Requires Painting	Capital Renewal	11,084	SF Wall	3	\$35,892	66569 GOB
The Exterior Requires Cleaning	Deferred Maintenance	11,084	SF Wall	5	\$21,261	66567
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$67,890</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom doors lack appropriate signs.	Educational Adequacy	5	Ea.	3	\$855	Rollup
Room has insufficient writing area.	Educational Adequacy	1	Ea.	3	\$1,039	Rollup

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**Building: 06 - Building 6**

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	12,860	SF	3	\$68,779	66577
The Carpet Flooring Requires Replacement	Capital Renewal	1,500	SF	3	\$14,986	66580
Interior Ceramic Walls Require Repair Or Replacement	Capital Renewal	500	SF Wall	4	\$9,038	66579
Room has insufficient tackboard area	Educational Adequacy	3	Ea	4	\$1,156	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	11	Ea	4	\$6,653	Rollup
Interior Gypboard Walls Require Repainting	Deferred Maintenance	21,000	SF Wall	5	\$67,135	66578
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>		<b>\$169,641</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea	2	\$105,104	66980 GOB
The Air Handler HVAC Component Requires Replacement	Capital Renewal	1	Ea	2	\$132,845	66982 GOB
Controls Are Inadequate And Should Be Replaced With DDC Controls	Capital Renewal	18,619	SF	3	\$67,225	66978 GOB
Duct Heater Requires Replacement	Capital Renewal	1	Ea	3	\$4,954	66986 GOB
Duct Heater Requires Replacement	Capital Renewal	1	Ea	3	\$4,954	66987 GOB
Exhaust Fan Ventilation Requires Replacement	Capital Renewal	1	Ea	3	\$1,999	66996 GOB
Test And Balancing Required	Deferred Maintenance	16,619	SF	3	\$22,108	66977 GOB
Duct Cleaning Required	Deferred Maintenance	16,619	SF	5	\$13,246	66979
<b>Sub Total for System</b>		<b>8</b>	<b>items</b>		<b>\$362,235</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	6	Ea	3	\$2,195	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	3	Ea	5	\$2,338	Rollup
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$4,533</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea	2	\$4,260	66988
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea	2	\$1,676	66989
The Refrigerated Water Cooler Requires Replacement	Capital Renewal	4	Ea	3	\$9,242	66990
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$15,177</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient dataports.	Educational Adequacy	32	Ea	2	\$5,536	Rollup GOB
Room lacks Fixed Projector	Educational Adequacy	3	Ea	2	\$11,053	Rollup
Room lacks Interactive White Board	Educational Adequacy	4	Ea	2	\$10,887	Rollup
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$43,225</b>	

**Specialties**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Replace metal student lockers	Deferred Maintenance	98	Ea	4	\$113,125	66680
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$113,125</b>	
<b>Sub Total for Building 06 - Building 6</b>		<b>31</b>	<b>items</b>		<b>\$1,036,306</b>	

**Broward County Public Schools**

**School Deficiency Listing**

9/2/2014 8:16 AM

<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Building: 07 - Building Support**

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	85	SF	2	\$1,034	224588 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$1,034</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	380	SF Wall	3	\$1,258	66608 GOB
The Exterior Requires Cleaning	Deferred Maintenance	380	SF Wall	5	\$745	66606
<b>Sub Total for System</b>		<b>2</b>	<b>items</b>		<b>\$2,003</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The 1 X 4 Interior Fluorescent Light Fixture Requires Replacement	Capital Renewal	1	Ea.	3	\$350	68803
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$350</b>	
<b>Sub Total for Building 07 - Building Support</b>		<b>4</b>	<b>items</b>		<b>\$3,307</b>	

**Building: 08 - Storage**

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	800	SF	2	\$8,391	224569 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$8,391</b>	

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Exterior Door Hardware Requires Replacement	Deferred Maintenance	1	Ea.	3	\$2,794	66611 GOB
The Exterior Requires Painting	Capital Renewal	1,200	SF Wall	3	\$3,971	66610 GOB
The Exterior Requires Cleaning	Deferred Maintenance	1,200	SF Wall	5	\$2,353	66609
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$9,119</b>	
<b>Sub Total for Building 08 - Storage</b>		<b>4</b>	<b>items</b>		<b>\$17,510</b>	

**Building: 09 - Laboratory**

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	600	SF	2	\$7,300	224570 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$7,300</b>	
<b>Sub Total for Building 09 - Laboratory</b>		<b>1</b>	<b>items</b>		<b>\$7,300</b>	

**Building: 10 - Building 10**

**Exterior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Exterior Requires Painting	Capital Renewal	7,736	SF Wall	3	\$25,050	66621 GOB
The Exterior Soffit Requires Repainting	Deferred Maintenance	3,174	SF	3	\$8,889	66622 GOB
Exterior Metal Door Requires Repainting	Deferred Maintenance	9	Door	4	\$1,333	66624
The Exterior Requires Cleaning	Deferred Maintenance	7,736	SF Wall	5	\$14,839	66620
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$49,911</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Classroom Door Requires Vision Panel	Educational Adequacy	2	Ea.	3	\$747	Rollup
Classroom doors lack appropriate signs.	Educational Adequacy	1	Ea.	3	\$171	Rollup

**Broward County Public Schools**

**School Deficiency Listing**

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<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Building: 10 - Building 10**

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient writing area.	Educational Adequacy	4	Ea.	3	\$4,154	Rollup
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	600	SF	3	\$3,209	66623
The Vinyl Composition Tile Requires Replacement	Capital Renewal	1,200	SF	3	\$10,209	66626
Interior Gypboard Walls Require Repair	Deferred Maintenance	400	SF Wall	4	\$2,054	66625
Room has insufficient tackboard area.	Educational Adequacy	3	Ea.	4	\$1,156	Rollup
Room lacks appropriate amount of teacher storage.	Educational Adequacy	34	Ea.	4	\$20,564	Rollup
Room lacks appropriate sound control.	Educational Adequacy	2,472	SF	4	\$77,533	Rollup
Interior Doors Require Repainting	Deferred Maintenance	35	Door	5	\$2,087	66629
<b>Sub Total for System</b>		<b>10</b>	<b>items</b>		<b>\$121,883</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Test And Balancing Required	Deferred Maintenance	18,292	SF	3	\$24,333	67012 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$24,333</b>	

**Electrical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Room has insufficient electrical outlets.	Educational Adequacy	147	Ea.	3	\$53,770	Rollup
Room does not have tamper-proof light switching.	Educational Adequacy	1	Ea.	5	\$486	Rollup
Room lacks controls to partially dim lights.	Educational Adequacy	3	Ea.	5	\$2,338	Rollup
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$56,594</b>	

**Plumbing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Class Room Lavatories Plumbing Fixtures Are Missing And Should Be Installed	Educational Adequacy	3	Ea.	2	\$4,070	Rollup
The Water Heater Plumbing Fixtures Are Damaged And Should Be Replaced	Capital Renewal	1	Ea.	2	\$1,676	67013
Prep room lacks a sink.	Educational Adequacy	2	Ea.	3	\$8,899	Rollup
Room lacks a drinking fountain.	Educational Adequacy	5	Ea.	5	\$4,795	Rollup
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$19,441</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Public Address Is Inadequate And Should Be Replaced	Capital Renewal	18,292	SF	2	\$21,961	66804
Room has insufficient dataports.	Educational Adequacy	62	Ea.	2	\$10,725	Rollup GOB
Room lacks Fixed Projector	Educational Adequacy	2	Ea.	2	\$7,368	Rollup
Room lacks Interactive White Board	Educational Adequacy	2	Ea.	2	\$5,443	Rollup
<b>Sub Total for System</b>		<b>4</b>	<b>items</b>		<b>\$45,498</b>	
<b>Sub Total for Building 10 - Building 10</b>		<b>26</b>	<b>items</b>		<b>\$317,659</b>	

**Building: 85 - Classroom**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Concrete Walks Require Replacement	Capital Renewal	1,200	SF	3	\$15,647	66661
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$15,647</b>	

**Broward County Public Schools**

**School Deficiency Listing**

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<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Building: 85 - Classroom**

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing Required (Broward CPS)	Capital Renewal	3,456	SF	2	\$38,250	224572 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$38,250</b>	

**Structural**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Stucco Exterior Requires Repair	Deferred Maintenance	700	SF Wall	3	\$4,584	66662 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$4,584</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	500	SF	3	\$2,674	66683
The Vinyl Composition Tile Requires Replacement	Capital Renewal	500	SF	3	\$4,254	66686
Interior Gypboard Walls Require Repainting	Deferred Maintenance	1,200	SF Wall	5	\$3,836	66685
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$10,764</b>	

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Duct Cleaning Required	Deferred Maintenance	3,629	SF	5	\$2,693	67034
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$2,693</b>	

**Technology**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Computer Closet Requires Fiber Optic Access to CER	Functional Deficiency	700	LF	2	\$15,749	Rollup
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$15,749</b>	
<b>Sub Total for Building 85 - Classroom</b>		<b>8</b>	<b>items</b>		<b>\$85,888</b>	

**Building: 86 - Classroom**

**Site**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Concrete Walks Require Replacement	Capital Renewal	1,400	SF	3	\$18,255	66677
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$18,255</b>	

**Roofing**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Reroofing with new Decking Required (Broward CPS)	Capital Renewal	3,456	SF	2	\$42,050	224573 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$42,050</b>	

**Structural**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Stucco Exterior Requires Repair	Deferred Maintenance	500	SF Wall	3	\$3,274	66678 GOB
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$3,274</b>	

**Interior**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
The Acoustical Ceilings Tiles Require Replacement	Capital Renewal	500	SF	3	\$2,674	66680
The Vinyl Composition Tile Requires Replacement	Capital Renewal	500	SF	3	\$4,254	66683
Interior Gypboard Walls Require Repainting	Deferred Maintenance	1,200	SF Wall	5	\$3,836	66682
<b>Sub Total for System</b>		<b>3</b>	<b>items</b>		<b>\$10,764</b>	

**Broward County Public Schools**

**School Deficiency Listing**

9/2/2014 8:16 AM

<b>1291</b>	<b>William T Mcfatter Technical College</b>
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**Building: 86 - Classroom**

**Mechanical**

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Duct Cleaning Required	Deferred Maintenance	3,629	SF	5	\$2,893	67035
<b>Sub Total for System</b>		<b>1</b>	<b>items</b>		<b>\$2,893</b>	
<b>Sub Total for Building 86 - Classroom</b>		<b>7</b>	<b>items</b>		<b>\$77,237</b>	
<b>Total for Permanent Buildings</b>		<b>262</b>	<b>items</b>		<b>\$13,167,390</b>	
<b>Total for Portable Buildings</b>					<b>\$0</b>	
<b>Total for Campus</b>					<b>\$13,167,390</b>	

2.4.4 MAPPS Deficiency Data

Def ID	Site Name	Building Number	Building Name	Deficiency Description	Def Note	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost	GOB
65202	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	908	SF	\$8,439	GOB
65203	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	1088	SF	\$9,200	GOB
65204	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	790	SF	\$6,426	GOB
65205	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	317	SF	\$2,650	GOB
65206	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	64	SF	\$541	GOB
65207	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	2147	SF	\$18,158	GOB
65208	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	156	SF	\$1,386	GOB
65209	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	154	SF	\$1,307	GOB
65210	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	80	SF	\$423	GOB
65211	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	200	SF	\$1,691	GOB
65212	William T. McFatter Technical College	04	Building 4	Install Fire Sprinklers	PY0304 INSTALL FIRE SPRINKLERS BLOG 4- FISH 040D4.401.402.403.404.405.406.407.4 08.409.410.411.412.413.414.415.416.41 7.417.418.419.041C.420.421.422.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	1515	SF	\$12,810	GOB

Deficiency Data Grid  
Thursday, October 22,  
2015 7:34 AM

Dr / Asset ID	Site Name	Building Number	Building Name	Deficiency Description	Def Note	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost	GOB
65279	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	2116	SF	\$17,892	GOB
65277	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	330	SF	\$2,780	GOB
65280	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	2116	SF	\$17,892	GOB
65279	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	3127	SF	\$26,441	GOB
65280	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	348	SF	\$2,943	GOB
65281	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	348	SF	\$2,943	GOB
65282	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	132	SF	\$1,285	GOB
65283	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	4672	SF	\$39,865	GOB
65284	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	138	SF	\$1,167	GOB
65285	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	144	SF	\$1,218	GOB
65286	William T. McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422	9	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	700	SF	\$5,919	GOB



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Def/Issue ID	Site Name	Building Number	Building Name	Building Description	Def/Issue Description	Def Note	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost	GOB												
65287	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	286	SF	\$2,401	GOB													
65288	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	351	SF	\$27,987	GOB													
65289	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	532	SF	\$4,468	GOB													
65290	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	697	SF	\$5,894	GOB													
65291	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	3000	SF	\$25,267	GOB													
65292	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	1294	SF	\$10,888	GOB													
65293	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	972	SF	\$8,219	GOB													
65294	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	528	SF	\$4,465	GOB													
65295	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	488	SF	\$4,059	GOB													
65296	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	458	SF	\$3,857	GOB													
65297	Wilson T McFatter Technical College	34	Building 4	Install Fire Sprinklers	F70304-INSTALL FIRE SPRINKLERS BLDG-4-FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041C,420,421,422,.....	9 Fire and Security	9 Fire and Security	Water-Based Fire-Suppression	Code Compliance	1	Mission Critical Concerns	298	SF	\$2,452	GOB													

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Dr / Area ID	Site Name	Building Number	Building Name	Deficiency Description	Def Note	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost	GOB													
66298	Wilson T Mktcator Technical College	34	Building 4	Install Fire Sprinklers	F7030A INSTALL FIRE SPRINKLERS BLDG 4- FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041C,420,421,422,.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance		Mission Critical Concerns	476	SF	\$4,025	GOB													
66299	Wilson T Mktcator Technical College	34	Building 4	Install Fire Sprinklers	F7030A INSTALL FIRE SPRINKLERS BLDG 4- FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041C,420,421,422,.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance		Mission Critical Concerns	80	SF	\$676	GOB													
66300	Wilson T Mktcator Technical College	34	Building 4	Install Fire Sprinklers	F7030A INSTALL FIRE SPRINKLERS BLDG 4- FISH 040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041C,420,421,422,.....	9	Fire and Security	Water-Based Fire-Suppression	Code Compliance		Mission Critical Concerns	532	SF	\$4,488	GOB													
66341	Wilson T Mktcator Technical College	31	Building 1	The Brick Exterior Requires Repairing		4	Exterior	Exterior Wall Veneer	Deferred Maintenance		3 Short Term Conditions (2-3 Year)	5000	SF Wall	\$69,846	GOB													
66349	Wilson T Mktcator Technical College	36	Building 5	The Exterior Requires Repairing		4	Exterior	Exterior Wall Veneer	Capital Renewal		3 Short Term Conditions (2-3 Year)	11024	SF Wall	\$29,892	GOB													
66350	Wilson T Mktcator Technical College	36	Building 5	The Aluminum Windows Is Damaged And Requires Replacement	10 @ 36" X 30"	4	Exterior	Exterior Fixed Windows	Capital Renewal		3 Short Term Conditions (2-3 Year)	75	SF	\$10,727	GOB													
66359	Wilson T Mktcator Technical College	35	Building 5	The Aluminum Window Is Damaged And Requires Replacement		4	Exterior	Exterior Fixed Windows	Capital Renewal		2 Indirect Impact to Mission (1 Year)	40	SF	\$5,853	GOB													
66368	Wilson T Mktcator Technical College	37	Building Support	The Exterior Requires Repairing		4	Exterior	Exterior Wall Veneer	Capital Renewal		3 Short Term Conditions (2-3 Year)	388	SF Wall	\$1,258	GOB													
66370	Wilson T Mktcator Technical College	38	Storage	The Exterior Requires Repairing		4	Exterior	Exterior Wall Veneer	Capital Renewal		3 Short Term Conditions (2-3 Year)	1200	SF Wall	\$3,971	GOB													
66371	Wilson T Mktcator Technical College	38	Storage	Extended Door Hardware Requires Replacement	7 X 3	4	Exterior	Exterior Entrance Doors	Deferred Maintenance		3 Short Term Conditions (2-3 Year)	1	Ea	\$2,794	GOB													
66371	Wilson T Mktcator Technical College	10	Building 10	The Exterior Requires Repairing		4	Exterior	Exterior Wall Veneer	Capital Renewal		3 Short Term Conditions (2-3 Year)	7736	SF Wall	\$25,450	GOB													
66372	Wilson T Mktcator Technical College	10	Building 10	The Exterior Soffit Requires Repairing		4	Exterior	Exterior Wall Veneer	Deferred Maintenance		3 Short Term Conditions (2-3 Year)	3174	SF	\$9,889	GOB													
66373	Wilson T Mktcator Technical College	35	Classroom	The Stucco Exterior Requires Repairing		4	Exterior	Perimeter Insulation	Deferred Maintenance		3 Short Term Conditions (2-3 Year)	700	SF Wall	\$4,284	GOB													
66379	Wilson T Mktcator Technical College	36	Classroom	The Exterior Requires Repairing		4	Exterior	Perimeter Insulation	Deferred Maintenance		3 Short Term Conditions (2-3 Year)	600	SF Wall	\$3,274	GOB													
66706	Wilson T Mktcator Technical College	31	Building 1	The Canopy Lighting Requires Replacement		7	Electrical	Fixed Lighting	Deferred Maintenance		2 Indirect Impact to Mission (1 Year)	40	Ea	\$77,897	GOB													
66712	Wilson T Mktcator Technical College	31	Building 1	The Exterior Dry Type Transformer Requires Replacement	500 KVA	7	Electrical	Electrical Transformers	Capital Renewal		2 Indirect Impact to Mission (1 Year)	1	Ea	\$18,868	GOB													
66713	Wilson T Mktcator Technical College	31	Building 1	The Distribution Panel Requires Replacement	1200 AMPS	7	Electrical	Power Distribution	Capital Renewal		2 Indirect Impact to Mission (1 Year)	1	Ea	\$90,865	GOB													
66716	Wilson T Mktcator Technical College	31	Building 1	Emergency Exit Signage Requires Replacement		9	Fire and Security	Lighting Fixtures	Deferred Maintenance		2 Indirect Impact to Mission (1 Year)	10	Ea	\$7,110	GOB													
66720	Wilson T Mktcator Technical College	31	Building 1	The GFCI Breakers Are Inadequate And More Are Needed		7	Electrical	Facility Grounding	Deferred Maintenance		2 Indirect Impact to Mission (1 Year)	10	Ea	\$4,116	GOB													
66725	Wilson T Mktcator Technical College	32	Building 2	The Canopy Lighting Requires Replacement		7	Electrical	Flood Lighting	Deferred Maintenance		2 Indirect Impact to Mission (1 Year)	12	Ea	\$63,269	GOB													
66747	Wilson T Mktcator Technical College	32	Building 2	Switchgear Is Needed Or Requires Replacement		7	Electrical	Electrical Switchgear and Protection Devices	Capital Renewal		3 Mission Critical Concerns	1	Ea	\$24,772	GOB													
66751	Wilson T Mktcator Technical College	32	Building 2	The Exterior Dry Type Transformer Requires Replacement		7	Electrical	Electrical Transformers	Capital Renewal		2 Indirect Impact to Mission (1 Year)	1	Ea	\$18,868	GOB													
66753	Wilson T Mktcator Technical College	32	Building 2	Emergency Lighting Is Inadequate Or Not Present And Should Be Installed		9	Fire and Security	Lighting Fixtures	Code Compliance		2 Indirect Impact to Mission (1 Year)	26672	SF	\$44,760	GOB													

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Dr / Asset ID	Site Name	Building Number	Building Name	Deficiency Description	Def Note	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost	GOB													
66756	William T. McFatter Technical College	02	Building 2	The GFCI Electrical Receptacles Are Inoperative And More Are Needed		7	Electrical	Facility Grounding	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	20	Ea	\$8,201	GOB													
66761	William T. McFatter Technical College	01	Building 1	Switchgear In Needed Or Requires Replacement		7	Electrical	Electrical Switchgear and Protection Devices	Capital Renewal	1	Mission Critical Concerns	1	Ea	\$29,262	GOB													
66763	William T. McFatter Technical College	03	Building 3	The Canopy Lighting Requires Replacement		7	Electrical	Flood Lighting	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	46	Ea	\$67,628	GOB													
66775	William T. McFatter Technical College	04	Building 4	The Canopy Lighting Requires Replacement		7	Electrical	Flood Lighting	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	50	Ea	\$67,271	GOB													
66749	William T. McFatter Technical College	04	Building 4	Switchgear In Needed Or Requires Replacement	2500 AMPS	7	Electrical	Electrical Switchgear and Protection Devices	Capital Renewal	1	Mission Critical Concerns	1	Ea	\$67,176	GOB													
66776	William T. McFatter Technical College	04	Building 4	The Exterior Dry Type Transformer Requires Replacement	150 KVA	7	Electrical	Electrical Transformers	Capital Renewal	2	Indirect Impact To Mission (1 Year)	1	Ea	\$28,461	GOB													
66770	William T. McFatter Technical College	04	Building 4	The GFCI Electrical Receptacles Are Inoperative And More Are Needed		7	Electrical	Facility Grounding	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	40	Ea	\$16,465	GOB													
66797	William T. McFatter Technical College	05	Building 5	The Canopy Lighting Requires Replacement		7	Electrical	Flood Lighting	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	6	Ea	\$11,666	GOB													
66799	William T. McFatter Technical College	05	Building 5	Emergency Lighting System Is Damaged Or Missing And Should Be Replaced		9	Fire and Security	Lighting Fixtures	Capital Renewal	3	Mission Critical Concerns	7038	SF	\$4,529	GOB													
66801	William T. McFatter Technical College	05	Building 5	The GFCI Electrical Receptacles Are Inoperative And More Are Needed		7	Electrical	Facility Grounding	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	8	Ea	\$3,290	GOB													
66820	William T. McFatter Technical College	06	Building 6	The Canopy Lighting Requires Replacement		7	Electrical	Flood Lighting	Deferred Maintenance	2	Indirect Impact To Mission (1 Year)	10	Ea	\$19,062	GOB													
66822	William T. McFatter Technical College	01	Building 1	The Roof Condenser Requires Replacement	CONDENSING UNIT 1.5 TONAC	6	Mechanical	Central Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	2	TONAC	\$3,250	GOB													
66824	William T. McFatter Technical College	01	Building 1	Exhaust Fan Ventilation Requires Replacement	3 @ 1000 CFM EA	6	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	3	Ea	\$6,130	GOB													
66827	William T. McFatter Technical College	01	Building 1	Test And Balancing Required		6	Mechanical	Decentralized Cooling	Deferred Maintenance	3	Short Term Conditions (2-3 Years)	35539	SF	\$60,250	GOB													
66829	William T. McFatter Technical College	01	Building 1	The Process Air Intake Requires Replacement	With DDC Controls	6	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	35539	SF	\$160,062	GOB													
66833	William T. McFatter Technical College	01	Building 1	Dust Cleaning Required		6	Mechanical	Decentralized Cooling	Deferred Maintenance	5	General Improvements	35539	SF	\$28,865	GOB													
66837	William T. McFatter Technical College	01	Building 1	The Fan Coil (Chilled Water) HVAC Component Requires Replacement		6	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	1	Ea	\$2,461	GOB													
66841	William T. McFatter Technical College	01	Building 1	The HVAC Terminal Units Requires Replacement		6	Mechanical	Interior Louvers	Capital Renewal	3	Short Term Conditions (2-3 Years)	41	Ea	\$167,077	GOB													
66848	William T. McFatter Technical College	01	Building 1	The Rest Room Lavatories Plumbing Fixtures Require Replacement		8	Plumbing	Plumbing Fixtures	Capital Renewal	3	Short Term Conditions (2-3 Years)	1	Ea	\$5,208	GOB													
66849	William T. McFatter Technical College	01	Building 1	The Urinal Plumbing Fixtures Require Replacement	FLOOR MOUNT	8	Plumbing	Plumbing Fixtures	Capital Renewal	2	Indirect Impact To Mission (1 Year)	2	Ea	\$7,489	GOB													
66850	William T. McFatter Technical College	01	Building 1	The Air Handler HVAC Components Requires Replacement		6	Mechanical	Decentralized Cooling	Capital Renewal	2	Indirect Impact To Mission (1 Year)	2	Ea	\$161,131	GOB													
66850	William T. McFatter Technical College	01	Building 1	The Air Handler HVAC Component Requires Replacement		6	Mechanical	Decentralized Cooling	Capital Renewal	2	Indirect Impact To Mission (1 Year)	1	Ea	\$155,668	GOB													
66850	William T. McFatter Technical College	02	Building 2	Exhaust Fan Ventilation Requires Replacement	@ 500 CFM EA	6	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	8	Ea	\$16,246	GOB													

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Dr / Area ID	Site Name	Building Number	Building Name	Deficiency Description	Def Note	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost	GOB													
66892	William T. McFatter Technical College	02	Building 2	The AOH Balancing Controls are Inadequate And Should Be Replaced With DDC Controls		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	28672	SF	\$40,868	GOB													
66893	William T. McFatter Technical College	02	Building 2	The AOH Balancing Controls are Inadequate And Should Be Replaced With DDC Controls		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	28672	SF	\$123,479	GOB													
66894	William T. McFatter Technical College	02	Building 2	Duct Cleaning Required		06Mechanical	Mechanical	Decentralized Cooling	Deferred Maintenance	5	General Improvements	28672	SF	\$23,850	GOB													
66895	William T. McFatter Technical College	02	Building 2	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	2	Indirect Impact to Mission (1 Year)	3	Ea	\$21,697	GOB													
66896	William T. McFatter Technical College	02	Building 2	The Indoor Air Quality Filter Requires Replacement		06Mechanical	Plumbing	Plumbing Fixtures	Capital Renewal	2	Indirect Impact to Mission (1 Year)	4	Ea	\$19,977	GOB													
66897	William T. McFatter Technical College	02	Building 2	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	2	Ea	\$87,824	GOB													
66898	William T. McFatter Technical College	02	Building 2	The HVAC Terminal Device Requires Replacement		06Mechanical	Mechanical	Interior Louvers	Capital Renewal	3	Short Term Conditions (2-3 Years)	30	Ea	\$114,935	GOB													
66899	William T. McFatter Technical College	03	Building 3	The AOH Balancing Controls are Inadequate And Should Be Replaced With DDC Controls		06Mechanical	Mechanical	Decentralized Cooling	Deferred Maintenance	3	Short Term Conditions (2-3 Years)	31245	SF	\$41,564	GOB													
66900	William T. McFatter Technical College	03	Building 3	The AOH Balancing Controls are Inadequate And Should Be Replaced With DDC Controls		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	31245	SF	\$126,888	GOB													
66901	William T. McFatter Technical College	03	Building 3	Duct Cleaning Required		06Mechanical	Mechanical	Decentralized Cooling	Deferred Maintenance	3	General Improvements	31245	SF	\$24,204	GOB													
66902	William T. McFatter Technical College	03	Building 3	Ductwork Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	50	LF	\$474	GOB													
66903	William T. McFatter Technical College	03	Building 3	Duct Insulation Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	4	Ea	\$19,816	GOB													
66904	William T. McFatter Technical College	04	Building 4	Exhaust Fan Ventilation Requires Replacement	5000 CFM E.A.	06Mechanical	Mechanical	Exhaust Equipment	Capital Renewal	3	Short Term Conditions (2-3 Years)	16	Ea	\$50,849	GOB													
66905	William T. McFatter Technical College	04	Building 4	The AOH Balancing Controls are Inadequate And Should Be Replaced With DDC Controls		06Mechanical	Mechanical	Decentralized Cooling	Deferred Maintenance	3	Short Term Conditions (2-3 Years)	49201	SF	\$69,882	GOB													
66906	William T. McFatter Technical College	04	Building 4	The AOH Balancing Controls are Inadequate And Should Be Replaced With DDC Controls		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	49201	SF	\$188,317	GOB													
66907	William T. McFatter Technical College	04	Building 4	Duct Cleaning Required		06Mechanical	Mechanical	Decentralized Cooling	Deferred Maintenance	3	General Improvements	49201	SF	\$40,288	GOB													
66908	William T. McFatter Technical College	04	Building 4	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	2	Ea	\$113,401	GOB													
66909	William T. McFatter Technical College	04	Building 4	The Indoor Air Quality Filter Requires Replacement		06Mechanical	Plumbing	Plumbing Fixtures	Capital Renewal	2	Indirect Impact to Mission (1 Year)	5	Ea	\$19,222	GOB													
66910	William T. McFatter Technical College	04	Building 4	Abandoned Equipment Needs to be removed	FLOOR MOUNT DUST COLLECTOR	06Mechanical	Mechanical	General	Deferred Maintenance	4	Long Term Requirements (3-5 Years)	1	Ea	\$1,201	GOB													
66911	William T. McFatter Technical College	04	Building 4	The Waste Up/Down Requires Replacement		06Mechanical	Mechanical	Plumbing Fixtures	Capital Renewal	2	Indirect Impact to Mission (1 Year)	7	Ea	\$85,250	GOB													
66912	William T. McFatter Technical College	04	Building 4	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	2	Indirect Impact to Mission (1 Year)	4	Ea	\$289,845	GOB													
66913	William T. McFatter Technical College	04	Building 4	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	2	Indirect Impact to Mission (1 Year)	1	Ea	\$107,421	GOB													
66914	William T. McFatter Technical College	04	Building 4	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	1	Ea	\$66,701	GOB													
66915	William T. McFatter Technical College	04	Building 4	The Air Handler HVAC Component Requires Replacement		06Mechanical	Mechanical	Decentralized Cooling	Capital Renewal	3	Short Term Conditions (2-3 Years)	1	Ea	\$40,762	GOB													
66916	William T. McFatter Technical College	04	Building 4	The HVAC Terminal Device Requires Replacement		06Mechanical	Mechanical	Interior Louvers	Capital Renewal	3	Short Term Conditions (2-3 Years)	19	Ea	\$72,792	GOB													

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Def ID	Site Name	Building Number	Building Name	Def Desc	Def Description	System Name	System ID	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost														
66920	Wilson T Mktfater Technical College	34	Building 4	Dust Heater Requires Replacement	Dust Heater Requires Replacement	Mechanical		Decentralized Heating Equipment	Capita Renewal	3	Short Term Corbans (2-3 Years)	4 Ea	Ea	\$20,285														
66924	Wilson T Mktfater Technical College	34	Building 4	Dust Heater Requires Replacement	Dust Heater Requires Replacement	Mechanical		Decentralized Heating Equipment	Capita Renewal	3	Short Term Corbans (2-3 Years)	1 Ea	Ea	\$6,965														
66930	Wilson T Mktfater Technical College	35	Building 5	Exhaust Fan Verification Requires Replacement	Exhaust Fan Verification Requires Replacement	Mechanical		Decentralized Ceiling	Capita Renewal	3	Short Term Corbans (2-3 Years)	3 Ea	Ea	\$6,120														
66932	Wilson T Mktfater Technical College	35	Building 5	Test And Balancing Required	Test And Balancing Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	3	Short Term Corbans (2-3 Years)	7006 SF	SF	\$9,822														
66933	Wilson T Mktfater Technical College	35	Building 5	Controls Are Inadequate And Should Be Replaced With DDC Controls	Controls Are Inadequate And Should Be Replaced With DDC Controls	Mechanical		Decentralized Ceiling	Capita Renewal	3	Short Term Corbans (2-3 Years)	7006 SF	SF	\$20,172														
66935	Wilson T Mktfater Technical College	35	Building 5	Air Compressor Is Inoperable and Requires Replacement	Air Compressor Is Inoperable and Requires Replacement	Mechanical		General Service Compressed Air	Deferred Maintenance	3	Short Term Corbans (2-3 Years)	2 Ea	Ea	\$26,693														
66937	Wilson T Mktfater Technical College	35	Building 5	Dust Cleaning Required	Dust Cleaning Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	3	General Improvements	7006 SF	SF	\$5,708														
66938	Wilson T Mktfater Technical College	35	Building 5	The Air Handler HVAC Component Requires Replacement	The Air Handler HVAC Component Requires Replacement	Mechanical		Decentralized Ceiling	Capita Renewal	3	Short Term Corbans (2-3 Years)	1 Ea	Ea	\$66,701														
66944	Wilson T Mktfater Technical College	35	Building 5	Ripe Circulating Pump Requires Replacement	Ripe Circulating Pump Requires Replacement	Mechanical		Decentralized Ceiling	Deferred Maintenance	2	Indirect Impact to Mission (1 Year)	2 Ea	Ea	\$24,468														
66947	Wilson T Mktfater Technical College	35	Building 5	Large HVAC Circulating Pump Requires Replacement	Large HVAC Circulating Pump Requires Replacement	Mechanical		Decentralized Ceiling	Deferred Maintenance	2	Indirect Impact to Mission (1 Year)	2 Ea	Ea	\$23,266														
66954	Wilson T Mktfater Technical College	35	Building 5	The HVAC Terminal Device Requires Replacement	The HVAC Terminal Device Requires Replacement	Mechanical		Retror Louvers	Capita Renewal	3	Short Term Corbans (2-3 Years)	5 Ea	Ea	\$19,186														
66979	Wilson T Mktfater Technical College	36	Building 6	Test And Balancing Required	Test And Balancing Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	3	Short Term Corbans (2-3 Years)	16619 SF	SF	\$22,168														
66978	Wilson T Mktfater Technical College	36	Building 6	Controls Are Inadequate And Should Be Replaced With DDC Controls	Controls Are Inadequate And Should Be Replaced With DDC Controls	Mechanical		Decentralized Ceiling	Capita Renewal	3	Short Term Corbans (2-3 Years)	16619 SF	SF	\$67,228														
66979	Wilson T Mktfater Technical College	36	Building 6	Dust Cleaning Required	Dust Cleaning Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	3	General Improvements	16619 SF	SF	\$13,246														
66980	Wilson T Mktfater Technical College	36	Building 6	The Air Handler HVAC Component Requires Replacement	The Air Handler HVAC Component Requires Replacement	Mechanical		Decentralized Ceiling	Capita Renewal	2	Indirect Impact to Mission (1 Year)	1 Ea	Ea	\$195,104														
66982	Wilson T Mktfater Technical College	36	Building 6	The Air Handler HVAC Component Requires Replacement	The Air Handler HVAC Component Requires Replacement	Mechanical		Decentralized Ceiling	Capita Renewal	2	Indirect Impact to Mission (1 Year)	1 Ea	Ea	\$122,045														
66984	Wilson T Mktfater Technical College	36	Building 6	The Make Up Air Equipment Requires Replacement	The Make Up Air Equipment Requires Replacement	Mechanical		Capita Renewal	Capita Renewal	2	Indirect Impact to Mission (1 Year)	3 Ea	Ea	\$26,269														
66986	Wilson T Mktfater Technical College	36	Building 6	Dust Heater Requires Replacement	Dust Heater Requires Replacement	Mechanical		Decentralized Heating Equipment	Capita Renewal	3	Short Term Corbans (2-3 Years)	1 Ea	Ea	\$4,854														
66987	Wilson T Mktfater Technical College	36	Building 6	Dust Heater Requires Replacement	Dust Heater Requires Replacement	Mechanical		Decentralized Heating Equipment	Capita Renewal	3	Short Term Corbans (2-3 Years)	1 Ea	Ea	\$4,954														
66996	Wilson T Mktfater Technical College	36	Building 6	Exhaust Fan Verification Requires Replacement	Exhaust Fan Verification Requires Replacement	Mechanical		Decentralized Ceiling	Capita Renewal	2	Short Term Corbans (2-3 Years)	1 Ea	Ea	\$1,969														
67012	Wilson T Mktfater Technical College	10	Building 10	Test And Balancing Required	Test And Balancing Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	3	Short Term Corbans (2-3 Years)	16232 SF	SF	\$24,820														
67034	Wilson T Mktfater Technical College	35	Classroom	Dust Cleaning Required	Dust Cleaning Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	4	General Improvements	3629 SF	SF	\$2,850														
67035	Wilson T Mktfater Technical College	36	Classroom	Dust Cleaning Required	Dust Cleaning Required	Mechanical		Decentralized Ceiling	Deferred Maintenance	3	General Improvements	3629 SF	SF	\$2,850														
220348	Wilson T Mktfater Technical College			Entire Fire Alarm System Needs to be Replaced	Entire Fire Alarm System Needs to be Replaced	9 Fire and Security		Fire Detection and Alarm	Capita Renewal	1	Mission Critical Concerns	1 LS	LS	\$672,142														
224563	Wilson T Mktfater Technical College	01	Building 1	Roofing with new Roofs Required (Broward CFS)	Roofing with new Roofs Required (Broward CFS)	2 Roofing		Low-Slope Roofing	Capita Renewal	2	Indirect Impact to Mission (1 Year)	36539 SF	SF	\$432,416														
224564	Wilson T Mktfater Technical College	02	Building 2	Roofing with new Roofs Required (Broward CFS)	Roofing with new Roofs Required (Broward CFS)	2 Roofing		Low-Slope Roofing	Capita Renewal	2	Indirect Impact to Mission (1 Year)	26602 SF	SF	\$318,011														

**Deficiency Data Grid**  
Thursday, October 22,  
2015 7:34 AM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Def ID	Site Name	Building Number	Building Name	Deficiency Description	Def Nbr	System ID	System Name	Uniformat Description	Category Description	Priority	Priority Description	Quantity	Unit	TTL Cost														
224565	Wilson T McFatter Technical College	34	Building 4	Re-roofing with new Decking Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	4739	SF	\$876,823														
224566	Wilson T McFatter Technical College	35	Building 5	Re-roofing with new Decking Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	7038	SF	\$65,240														
224567	Wilson T McFatter Technical College	36	Building 6	Re-roofing with new Decking Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	17690	SF	\$216,119														
224568	Wilson T McFatter Technical College	37	Building Support	Re-roofing with new Decking Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	85	SF	\$1,054														
224569	Wilson T McFatter Technical College	38	Storage	Re-roofing Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	800	SF	\$8,291														
224570	Wilson T McFatter Technical College	39	Laboratory	Re-roofing with new Decking Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	600	SF	\$7,200														
224572	Wilson T McFatter Technical College	95	Classroom	Re-roofing Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	3456	SF	\$36,250														
224573	Wilson T McFatter Technical College	96	Classroom	Re-roofing with new Decking Required (Broward CFS)		2	Flooring	Low-Slope Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	5456	SF	\$42,060														
314463	Wilson T McFatter Technical College		Aluminum Covered Walkways Require Replacement	Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy siding.		2	Flooring	Canopy Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	53736	SF	\$530,769														
314469	Wilson T McFatter Technical College		Aluminum Covered Walkways Require Replacement	Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy siding.		2	Flooring	Canopy Roofing	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	4054	SF	\$64,583														
316261	Wilson T McFatter Technical College	32	Building 2	Media Center requires renovation/renovation of classrooms associated with renovations		26	Other	Educational Enhancement	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	1	LS	\$158,001														
316324	Wilson T McFatter Technical College	32	Building 2	Renovation of classrooms associated with renovations	Room design = 815616	26	Other	Educational Enhancement	Capitas Renewal	2	(Indirect Impact to Mission (1 Year))	1	LS	\$12,600														

2.4.5 MAPPS Deficiency Detail

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->040-Inside Circulation**

**Deficiency:**

Assess ID **65265** Surveyor/Update  
Defeciency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	277	SF	2.84	\$787
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	277	SF	0.64	\$177
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	998	SF	4.02	\$4,012
<b>Sub Total</b>						<b>\$4,977</b>
Construction Adjustment 35%						1,717
<b>Construction Cost</b>						<b>\$6,694</b>
Adjustment Factor 0%						0
Soft Cost Adjustment 46%						3,051
<b>Total Estimated Amount</b>						<b>\$9,745</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->041-Inside Circulation**

**Deficiency:**

Assess ID **65266** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	302	SF	2.84	\$858
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	302	SF	0.64	\$193
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	1,088	SF	4.02	\$4,374
<b>Sub Total</b>						<b>\$5,425</b>
					Construction Adjustment	35% 1,872
<b>Construction Cost</b>						<b>\$7,297</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 3,326
<b>Total Estimated Amount</b>						<b>\$10,623</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->401-Lobby**

**Deficiency:**

Assess ID **65267** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	211	SF	2.84	\$600
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	211	SF	0.64	\$135
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	760	SF	4.02	\$3,055
<b>Sub Total</b>						<b>\$3,790</b>
Construction Adjustment					35%	1,308
<b>Construction Cost</b>						<b>\$5,097</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	2,323
<b>Total Estimated Amount</b>						<b>\$7,421</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->403-Secretarial Space**

**Deficiency:**

Assess ID **65268** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	88	SF	2.84	\$250
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	88	SF	0.64	\$56
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	317	SF	4.02	\$1,274
<b>Sub Total</b>						<b>\$1,581</b>
Construction Adjustment					35%	545
<b>Construction Cost</b>						<b>\$2,126</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	969
<b>Total Estimated Amount</b>						<b>\$3,095</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->404-Inside Circulation**

**Deficiency:**

Assess ID **65269** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	18	SF	2.84	\$50	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	18	SF	0.64	\$11	
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	64	SF	4.02	\$257	
<b>Sub Total</b>						<b>\$319</b>	
					Construction Adjustment	35%	110
<b>Construction Cost</b>						<b>\$429</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	196
<b>Total Estimated Amount</b>						<b>\$625</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->405-Medium Industrial Lab**

**Deficiency:**

Assess ID **65270** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	596	SF	2.84	\$1,694
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	596	SF	0.64	\$382
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	2,147	SF	4.02	\$8,631
<b>Sub Total</b>						<b>\$10,706</b>
					Construction Adjustment	35% 3,694
<b>Construction Cost</b>						<b>\$14,400</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 6,564
<b>Total Estimated Amount</b>						<b>\$20,964</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->406-Electrical Room**

**Deficiency:**

Assess ID **65271** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	46	SF	2.84	\$130	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	46	SF	0.64	\$29	
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	165	SF	4.02	\$663	
<b>Sub Total</b>						<b>\$823</b>	
					Construction Adjustment	35%	284
<b>Construction Cost</b>						<b>\$1,107</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	504
<b>Total Estimated Amount</b>						<b>\$1,611</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->407-Staff Restroom (Female)**

**Deficiency:**

Assess ID **65272** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	46	SF	2.84	\$129
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	46	SF	0.64	\$29
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	164	SF	4.02	\$659
<b>Sub Total</b>						<b>\$818</b>
Construction Adjustment					35%	282
<b>Construction Cost</b>						<b>\$1,100</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	501
<b>Total Estimated Amount</b>						<b>\$1,601</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->408-Custodial Service Closet**

**Deficiency:**

Assess ID **65273** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	14	SF	2.84	\$39	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	14	SF	0.64	\$9	
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	50	SF	4.02	\$201	
<b>Sub Total</b>						<b>\$249</b>	
Construction Adjustment						35%	86
<b>Construction Cost</b>						<b>\$335</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						46%	153
<b>Total Estimated Amount</b>						<b>\$488</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->409-Staff Restroom (Male)**

**Deficiency:**

Assess ID **65274** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	56	SF	2.84	\$158	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	56	SF	0.64	\$36	
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	200	SF	4.02	\$804	
<b>Sub Total</b>						<b>\$997</b>	
Construction Adjustment						35%	344
<b>Construction Cost</b>						<b>\$1,341</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						46%	611
<b>Total Estimated Amount</b>						<b>\$1,953</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->410-Medium Industrial Lab**

**Deficiency:**

Assess ID **65275** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	421	SF	2.84	\$1,195
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	421	SF	0.64	\$269
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	1,515	SF	4.02	\$6,090
<b>Sub Total</b>						<b>\$7,555</b>
Construction Adjustment						35% 2,606
<b>Construction Cost</b>						<b>\$10,161</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 4,631
<b>Total Estimated Amount</b>						<b>\$14,793</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->411-Medium Industrial Lab**

**Deficiency:**

Assess ID **65276** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	588	SF	2.84	\$1,669
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	588	SF	0.64	\$376
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	2,116	SF	4.02	\$8,506
<b>Sub Total</b>						<b>\$10,552</b>
Construction Adjustment					35%	3,640
<b>Construction Cost</b>						<b>\$14,192</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	6,469
<b>Total Estimated Amount</b>						<b>\$20,661</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->412-Mechanical Room**

**Deficiency:**

Assess ID **65277** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	92	SF	2.84	\$260
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	92	SF	0.64	\$59
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	330	SF	4.02	\$1,327
<b>Sub Total</b>						<b>\$1,646</b>
Construction Adjustment						35% 568
<b>Construction Cost</b>						<b>\$2,213</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 1,009
<b>Total Estimated Amount</b>						<b>\$3,222</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->413-Medium Industrial Lab**

**Deficiency:**

Assess ID **65278** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	588	SF	2.84	\$1,669
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	588	SF	0.64	\$376
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	2,116	SF	4.02	\$8,506
<b>Sub Total</b>						<b>\$10,552</b>
					Construction Adjustment	35% 3,640
<b>Construction Cost</b>						<b>\$14,192</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 6,469
<b>Total Estimated Amount</b>						<b>\$20,661</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->414-Large Industrial Lab**

**Deficiency:**

Assess ID **65279** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	869	SF	2.84	\$2,467
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	869	SF	0.64	\$556
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	3,127	SF	4.02	\$12,571
<b>Sub Total</b>						<b>\$15,593</b>
					Construction Adjustment	35% 5,380
<b>Construction Cost</b>						<b>\$20,973</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 9,559
<b>Total Estimated Amount</b>						<b>\$30,532</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->416-General School Storage**

**Deficiency:**

Assess ID **65280** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	97	SF	2.84	\$275
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	97	SF	0.64	\$62
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	348	SF	4.02	\$1,399
<b>Sub Total</b>						<b>\$1,735</b>
Construction Adjustment					35%	599
<b>Construction Cost</b>						<b>\$2,334</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,064
<b>Total Estimated Amount</b>						<b>\$3,398</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->417-Electrical Room**

**Deficiency:**

Assess ID **65281** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	97	SF	2.84	\$275
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	97	SF	0.64	\$62
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	348	SF	4.02	\$1,399
<b>Sub Total</b>						<b>\$1,735</b>
Construction Adjustment					35%	599
<b>Construction Cost</b>						<b>\$2,334</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,064
<b>Total Estimated Amount</b>						<b>\$3,398</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->418-Flammable Storage**

**Deficiency:**

Assess ID **65282** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	42	SF	2.84	\$120
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	42	SF	0.64	\$27
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	152	SF	4.02	\$611
<b>Sub Total</b>						<b>\$758</b>
Construction Adjustment					35%	262
<b>Construction Cost</b>						<b>\$1,019</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	465
<b>Total Estimated Amount</b>						<b>\$1,484</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->419-Large Industrial Lab**

**Deficiency:**

Assess ID **65283** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	1,298	SF	2.84	\$3,686
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,298	SF	0.64	\$831
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	4,672	SF	4.02	\$18,781
<b>Sub Total</b>						<b>\$23,298</b>
					Construction Adjustment	35% 8,038
<b>Construction Cost</b>						<b>\$31,335</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 14,283
<b>Total Estimated Amount</b>						<b>\$45,618</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->041B-Inside Circulation**

**Deficiency:**

Assess ID **65284** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	38	SF	2.84	\$109	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	38	SF	0.64	\$25	
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	138	SF	4.02	\$555	
<b>Sub Total</b>						<b>\$688</b>	
					Construction Adjustment	35%	237
<b>Construction Cost</b>						<b>\$926</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	422
<b>Total Estimated Amount</b>						<b>\$1,347</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->041C-Inside Circulation**

**Deficiency:**

Assess ID **65285** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	40	SF	2.84	\$114	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	40	SF	0.64	\$26	
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	144	SF	4.02	\$579	
<b>Sub Total</b>						<b>\$718</b>	
Construction Adjustment						35%	248
<b>Construction Cost</b>						<b>\$966</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						46%	440
<b>Total Estimated Amount</b>						<b>\$1,406</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->420-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65286** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	194	SF	2.84	\$552
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	194	SF	0.64	\$124
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	700	SF	4.02	\$2,814
<b>Sub Total</b>						<b>\$3,491</b>
					Construction Adjustment	35% 1,204
<b>Construction Cost</b>						<b>\$4,695</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 2,140
<b>Total Estimated Amount</b>						<b>\$6,835</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->421-Mechanical Room**

**Deficiency:**

Assess ID **65287** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	79	SF	2.84	\$224
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	79	SF	0.64	\$50
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	284	SF	4.02	\$1,142
<b>Sub Total</b>						<b>\$1,416</b>
Construction Adjustment					35%	489
<b>Construction Cost</b>						<b>\$1,905</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	868
<b>Total Estimated Amount</b>						<b>\$2,773</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->422-Large Industrial Lab**

**Deficiency:**

Assess ID **65288** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	920	SF	2.84	\$2,612
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	920	SF	0.64	\$589
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	3,311	SF	4.02	\$13,310
<b>Sub Total</b>						<b>\$16,511</b>
Construction Adjustment						35% 5,696
<b>Construction Cost</b>						<b>\$22,207</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 10,122
<b>Total Estimated Amount</b>						<b>\$32,329</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->423-Vocational Related Classroom**

**Deficiency:**

Assess ID **65289** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	148	SF	2.84	\$420
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	148	SF	0.64	\$95
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	532	SF	4.02	\$2,139
<b>Sub Total</b>						<b>\$2,653</b>
Construction Adjustment					35%	915
<b>Construction Cost</b>						<b>\$3,568</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,626
<b>Total Estimated Amount</b>						<b>\$5,195</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->400A-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65290** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	194	SF	2.84	\$550
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	194	SF	0.64	\$124
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	697	SF	4.02	\$2,802
<b>Sub Total</b>						<b>\$3,476</b>
Construction Adjustment					35%	1,199
<b>Construction Cost</b>						<b>\$4,675</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	2,131
<b>Total Estimated Amount</b>						<b>\$6,806</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->400B-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65291** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	833	SF	2.84	\$2,367
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	833	SF	0.64	\$533
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	3,000	SF	4.02	\$12,060
<b>Sub Total</b>						<b>\$14,960</b>
Construction Adjustment						35% 5,161
<b>Construction Cost</b>						<b>\$20,121</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 9,171
<b>Total Estimated Amount</b>						<b>\$29,292</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->400C-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65292** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	351	SF	2.84	\$997
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	351	SF	0.64	\$225
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	1,264	SF	4.02	\$5,081
<b>Sub Total</b>						<b>\$6,303</b>
Construction Adjustment						35% 2,175
<b>Construction Cost</b>						<b>\$8,478</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 3,864
<b>Total Estimated Amount</b>						<b>\$12,342</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->400D-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65293** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	270	SF	2.84	\$767
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	270	SF	0.64	\$173
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	972	SF	4.02	\$3,907
<b>Sub Total</b>						<b>\$4,847</b>
Construction Adjustment					35%	1,672
<b>Construction Cost</b>						<b>\$6,519</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	2,971
<b>Total Estimated Amount</b>						<b>\$9,491</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->405A-Vocational Related Classroom**

**Deficiency:**

Assess ID **65294** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	147	SF	2.84	\$417
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	147	SF	0.64	\$94
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	528	SF	4.02	\$2,123
<b>Sub Total</b>						<b>\$2,633</b>
Construction Adjustment					35%	908
<b>Construction Cost</b>						<b>\$3,541</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,614
<b>Total Estimated Amount</b>						<b>\$5,155</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->405E-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65295** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	133	SF	2.84	\$379
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	133	SF	0.64	\$85
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	480	SF	4.02	\$1,930
<b>Sub Total</b>						<b>\$2,394</b>
Construction Adjustment						35% 826
<b>Construction Cost</b>						<b>\$3,219</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						46% 1,467
<b>Total Estimated Amount</b>						<b>\$4,687</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->419C-Material Storage (Large)**

**Deficiency:**

Assess ID **65296** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	130	SF	2.84	\$369
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	130	SF	0.64	\$83
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	468	SF	4.02	\$1,881
<b>Sub Total</b>						<b>\$2,334</b>
Construction Adjustment					35%	805
<b>Construction Cost</b>						<b>\$3,139</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,431
<b>Total Estimated Amount</b>						<b>\$4,570</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->420A-Reference**

**Deficiency:**

Assess ID **65297** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	81	SF	2.84	\$229
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	81	SF	0.64	\$52
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	290	SF	4.02	\$1,166
<b>Sub Total</b>						<b>\$1,446</b>
Construction Adjustment					35%	499
<b>Construction Cost</b>						<b>\$1,945</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	887
<b>Total Estimated Amount</b>						<b>\$2,832</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->420B-Vocational Lab Support Space**

**Deficiency:**

Assess ID **65298** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	132	SF	2.84	\$376
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	132	SF	0.64	\$85
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	476	SF	4.02	\$1,914
<b>Sub Total</b>						<b>\$2,374</b>
Construction Adjustment					35%	819
<b>Construction Cost</b>						<b>\$3,193</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,455
<b>Total Estimated Amount</b>						<b>\$4,648</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->420C-Assistant Principal/Other Office**

**Deficiency:**

Assess ID **65299** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**  
Category **Code Compliance** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Install Fire Sprinkler System** Quantity / UoM  
Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	22	SF	2.84	\$63
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	22	SF	0.64	\$14
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	80	SF	4.02	\$322
<b>Sub Total</b>						<b>\$399</b>
Construction Adjustment					35%	138
<b>Construction Cost</b>						<b>\$537</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	245
<b>Total Estimated Amount</b>						<b>\$781</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4->1st->422B-Vocational Related Classroom**

**Deficiency:**

Assess ID **65300** Surveyor/Update  
Deficiency Code ID **BP20-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Install Fire Sprinklers**

Category **Code Compliance** System **Fire and Security**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Install Fire Sprinkler System** Quantity / UoM

Project(s) Note **FY03/04 INSTALL FIRE SPRINKLERS BLDG 4- FISH  
040,041,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,417,418,419,041  
C,420,421,422,.....**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	095123100400	Suspended acoustic ceiling tiles, fiberglass boards, film faced, 2' x 2' or 2' x 4' x 3/4" thick	148	SF	2.84	\$420
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	148	SF	0.64	\$95
A	D40104101100	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 50,000 SF	532	SF	4.02	\$2,139
<b>Sub Total</b>						<b>\$2,653</b>
Construction Adjustment					35%	915
<b>Construction Cost</b>						<b>\$3,568</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					46%	1,626
<b>Total Estimated Amount</b>						<b>\$5,195</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66569</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A26-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Exterior Requires Painting**

Category	<b>Capital Renewal</b>	System	<b>Exterior</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Paint Building Exterior</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,636	SF	1.57	\$2,569
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	11,084	SF	0.93	\$10,308
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	11,084	SF	0.79	\$8,756
<b>Sub Total</b>						<b>\$21,633</b>
					Construction Adjustment	35% 7,463
<b>Construction Cost</b>						<b>\$29,097</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 12,349
<b>Total Estimated Amount</b>						<b>\$41,446</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	66585	Surveyor/Update	Antoinette hernani
Defeciency Code ID	A40-03		
Status	Estimated	FCI	Yes
Life Cycle	11627		

Deficiency **The Aluminum Window Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Exterior**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Aluminum Frame Window** Quantity / UoM

Project(s) Note **10 @ 36' X 30'**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	062213506000	Moldings, window & door, window trim sets, 2-1/2" wide, maximum	6	OPNG	169.00	\$1,056	
U	085113203920	Windows, aluminum, commercial grade, stock units, awning type, insulating glass, 3'-0" x 4'-0" opening, incl. frame and glazing	6	Ea.	770.00	\$4,813	
U	080505200280	Window demolition, aluminum, to 50 S.F.	6	Ea.	96.50	\$603	
<b>Sub Total</b>						<b>\$6,472</b>	
					Construction Adjustment	35%	2,233
<b>Construction Cost</b>						<b>\$8,705</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	3,694
<b>Total Estimated Amount</b>						<b>\$12,399</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	66596	Surveyor/Update	Antoinette hernani
Defeciency Code ID	A40-03		
Status	Estimated	FCI	Yes
Life Cycle	11629		

Deficiency **The Aluminum Window Is Damaged And Requires Replacement**

Category **Capital Renewal** System **Exterior**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Aluminum Frame Window** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	062213506000	Moldings, window & door, window trim sets, 2-1/2" wide, maximum	3	OPNG	169.00	\$563	
U	085113203920	Windows, aluminum, commercial grade, stock units, awning type, insulating glass, 3'-0" x 4'-0" opening, incl. frame and glazing	3	Ea.	770.00	\$2,567	
U	080505200280	Window demolition, aluminum, to 50 S.F.	3	Ea.	96.50	\$322	
<b>Sub Total</b>						<b>\$3,452</b>	
					Construction Adjustment	35%	1,191
<b>Construction Cost</b>						<b>\$4,642</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	2,116
<b>Total Estimated Amount</b>						<b>\$6,759</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg Support**

**Deficiency:**

Assess ID	<b>66608</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A26-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>11685</b>		
Deficiency	<b>The Exterior Requires Painting</b>		
Category	<b>Capital Renewal</b>	System	<b>Exterior</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Paint Building Exterior</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	56	SF	1.57	\$88	
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	380	SF	0.93	\$353	
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	380	SF	0.79	\$300	
<b>Sub Total</b>						<b>\$742</b>	
					Construction Adjustment	35%	256
<b>Construction Cost</b>						<b>\$998</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	455
<b>Total Estimated Amount</b>						<b>\$1,452</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Sto**

**Deficiency:**

Assess ID	<b>66610</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A26-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>11702</b>		
Deficiency	<b>The Exterior Requires Painting</b>		
Category	<b>Capital Renewal</b>	System	<b>Exterior</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Paint Building Exterior</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	177	SF	1.57	\$278
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	1,200	SF	0.93	\$1,116
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	1,200	SF	0.79	\$948
<b>Sub Total</b>						<b>\$2,342</b>
					Construction Adjustment	35% 808
<b>Construction Cost</b>						<b>\$3,150</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	46% 1,436
<b>Total Estimated Amount</b>						<b>\$4,586</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Sto**

**Deficiency:**

Assess ID	<b>66611</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A45-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Exterior Door Hardware Requires Replacement**

Category	<b>Deferred Maintenance</b>	System	<b>Exterior</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace exterior door with ADA compliant hardware</b>	Quantity / UoM	
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Project(s) Note **7 X 3**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	080505105585	Door demolition, panic device, remove	1	Ea.	48.00	\$48	
U	087120152250	Door hardware, school, single, exterior, incl. lever, panic device	1	Door	1,600.00	\$1,600	
<b>Sub Total</b>						<b>\$1,648</b>	
					Construction Adjustment	35%	569
					<b>Construction Cost</b>		<b>\$2,217</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	1,010
<b>Total Estimated Amount</b>						<b>\$3,227</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 10**

**Deficiency:**

Assess ID	<b>66621</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A26-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>11746</b>		
Deficiency	<b>The Exterior Requires Painting</b>		
Category	<b>Capital Renewal</b>	System	<b>Exterior</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Paint Building Exterior</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	099123528400	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork	1,142	SF	1.57	\$1,793
U	099113601800	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, primer coat, brushwork	7,736	SF	0.93	\$7,194
U	099103300080	Surface preparation, exterior, doors, per side, wire brush, metal, flush, excl. frames or trim	7,736	SF	0.79	\$6,111
<b>Sub Total</b>						<b>\$15,099</b>
					Construction Adjustment	35% 5,209
<b>Construction Cost</b>						<b>\$20,308</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 8,619
<b>Total Estimated Amount</b>						<b>\$28,927</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 10**

**Deficiency:**

Assess ID	<b>66622</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A27-04</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>11747</b>		

Deficiency	<b>The Exterior Soffit Requires Repainting</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Exterior</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Repaint Exterior Soffit</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	099113602400	Paints & coatings, siding, exterior, Texture 1-111 or clapboard, oil base, paint 2 coats, brushwork	3,174	SF	1.65	\$5,237
<b>Sub Total</b>						<b>\$5,237</b>
Construction Adjustment						35% 1,807
<b>Construction Cost</b>						<b>\$7,044</b>
Adjustment Factor						0% 0
Soft Cost Adjustment						42% 2,989
<b>Total Estimated Amount</b>						<b>\$10,033</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->CR**

**Deficiency:**

Assess ID	<b>66662</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A30-02</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>The Stucco Exterior Requires Repair</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Exterior</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Repair Stucco</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	070505105620	Selective demolition, thermal and moisture protection, siding, stucco siding	700	SF	1.34	\$938	
U	099113601600	Paints & coatings, siding, exterior, stucco, rough, oil base, paint 2 coats, spray	700	SF	0.66	\$462	
U	092423401000	Stucco, exterior, with bonding agent, 3 coats, on walls, excl. mesh	77	SY	17.60	\$1,363	
<b>Sub Total</b>						<b>\$2,763</b>	
					Construction Adjustment	35%	953
<b>Construction Cost</b>						<b>\$3,716</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	1,577
<b>Total Estimated Amount</b>						<b>\$5,293</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->CR**

**Deficiency:**

Assess ID	<b>66678</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>A30-02</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>The Stucco Exterior Requires Repair</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Exterior</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Repair Stucco</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	070505105620	Selective demolition, thermal and moisture protection, siding, stucco siding	500	SF	1.34	\$670	
U	099113601600	Paints & coatings, siding, exterior, stucco, rough, oil base, paint 2 coats, spray	500	SF	0.66	\$330	
U	092423401000	Stucco, exterior, with bonding agent, 3 coats, on walls, excl. mesh	55	SY	17.60	\$974	
<b>Sub Total</b>						<b>\$1,974</b>	
					Construction Adjustment	35%	681
<b>Construction Cost</b>						<b>\$2,654</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	1,127
<b>Total Estimated Amount</b>						<b>\$3,781</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66706</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E03-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>11938</b>		

Deficiency **The Canopy Lighting Requires Replacement**

Category **Deferred Maintenance** System **Electrical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Canopy Lighting** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313162545	Electrical facilities maintenance, remove and replace or maintain, replace other lighting parts	40	Ea.	77.50	\$3,100	
U	265633107830	Walkway luminaire, exterior, square 16", high pressure sodium, 100 Watt	40	Ea.	1,025.00	\$41,000	
<b>Sub Total</b>						<b>\$44,100</b>	
Construction Adjustment						35%	15,214
<b>Construction Cost</b>						<b>\$59,314</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						52%	30,636
<b>Total Estimated Amount</b>						<b>\$89,950</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66712</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E11-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>11964</b>		

Deficiency **The Exterior Dry Type Transformer Requires Replacement**

Category **Capital Renewal** System **Electrical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 225 kVA Dry Trype Transformer** Quantity / UoM

Project(s) Note **500 KVA**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	262213905260	Transformer handling, add to normal labor cost in restricted areas, approximately 1600 pounds, 225 kVA	1	Ea.	1,525.00	\$1,525	
U	260505254820	Transformer, 5 or 15 kV primary, 277/480 V secondary, 225 kVA, electrical demolition, remove, incl support, wire & conduit termination	1	Ea.	780.00	\$780	
U	262213104300	Transformer, dry-type, 3 phase 480 V primary 120/208 V secondary, 225 kVA	1	Ea.	8,275.00	\$8,275	
<b>Sub Total</b>						<b>\$10,580</b>	
					Construction Adjustment	35%	3,650
<b>Construction Cost</b>						<b>\$14,230</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	7,350
<b>Total Estimated Amount</b>						<b>\$21,580</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66713</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E73-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Distribution Panel Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 1600A Distribution Panel</b>	Quantity / UoM	
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Project(s) Note **1200 AMPS**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	262413300600	Switchboards, distribution section, aluminum bus bars, 4 W, 120/208 or 277/480 V, 1600 amp, excl breakers	1	Ea.	5,900.00	\$5,900	
U	260505353640	Switchboard, distribution section, 1600 A, electrical demolition, remove	1	Ea.	455.00	\$455	
U	260913100700	Switchboard instruments, ground fault protection, ground return path	1	Ea.	7,675.00	\$7,675	
U	262513406300	Bus duct, copper, 3 pole 4 wire, switchboard stub, 1600 amp	1	Ea.	3,500.00	\$3,500	
<b>Sub Total</b>						<b>\$17,530</b>	
					Construction Adjustment	35%	6,048
<b>Construction Cost</b>						<b>\$23,578</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	12,178
<b>Total Estimated Amount</b>						<b>\$35,756</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66716</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E94-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Emergency Exit Signage Requires Replacement**

Category **Deferred Maintenance** System **Fire and Security**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Security and Supervision**

Correction **Replace Exit Signage** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	265313109000	Exit lighting, minimum labor/equipment charge	5	Job	165.00	\$825	
U	265313100260	Exit lighting, LED w/ battery unit, double face, ceiling or wall mount	10	Ea.	320.00	\$3,200	
<b>Sub Total</b>						<b>\$4,025</b>	
					Construction Adjustment	35%	1,389
<b>Construction Cost</b>						<b>\$5,414</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	2,796
<b>Total Estimated Amount</b>						<b>\$8,210</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66720</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E58-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The GFCI Electrical Receptacles Are Inadequate And More Are Needed**

Category	<b>Deferred Maintenance</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Technology</b>
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Correction	<b>Install New GFCI Electrical Receptacle</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	260590104380	Receptacle devices, residential, decorator style, GFI with #12/2, type EMT & wire, 20', incl box & cover plate	10	Ea.	233.00	\$2,330
<b>Sub Total</b>						<b>\$2,330</b>
					Construction Adjustment	35% 804
<b>Construction Cost</b>						<b>\$3,134</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	52% 1,619
<b>Total Estimated Amount</b>						<b>\$4,752</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66743</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E03-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Canopy Lighting Requires Replacement**

Category	<b>Deferred Maintenance</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Canopy Lighting</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313162545	Electrical facilities maintenance, remove and replace or maintain, replace other lighting parts	12	Ea.	77.50	\$930	
U	265633107830	Walkway luminaire, exterior, square 16", high pressure sodium, 100 Watt	12	Ea.	1,025.00	\$12,300	
<b>Sub Total</b>						<b>\$13,230</b>	
Construction Adjustment						35%	4,564
<b>Construction Cost</b>						<b>\$17,794</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						52%	9,191
<b>Total Estimated Amount</b>						<b>\$26,985</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66747</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E98-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Switchgear Is Needed Or Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Electrical</b>
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Priority	<b>1-Mission Critical Concerns</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 600 Amp Switchgear</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
A	D50102400240	Switchgear installation, incl switchboard, panels & circuit breaker, 120/208 V, 600 A	1	Ea.	13,625.00	\$13,625	
U	260505353510	Switchboard, incoming section, 600 A, electrical demolition, remove	1	Ea.	400.00	\$400	
<b>Sub Total</b>						<b>\$14,025</b>	
					Construction Adjustment	35%	4,839
<b>Construction Cost</b>						<b>\$18,864</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	9,743
<b>Total Estimated Amount</b>						<b>\$28,607</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66751</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E11-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Exterior Dry Type Transformer Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 225 kVA Dry Trype Transformer</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	262213905260	Transformer handling, add to normal labor cost in restricted areas, approximately 1600 pounds, 225 kVA	1	Ea.	1,525.00	\$1,525	
U	260505254820	Transformer, 5 or 15 kV primary, 277/480 V secondary, 225 kVA, electrical demolition, remove, incl support, wire & conduit termination	1	Ea.	780.00	\$780	
U	262213104300	Transformer, dry-type, 3 phase 480 V primary 120/208 V secondary, 225 kVA	1	Ea.	8,275.00	\$8,275	
<b>Sub Total</b>						<b>\$10,580</b>	
					Construction Adjustment	35%	3,650
<b>Construction Cost</b>						<b>\$14,230</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	7,350
<b>Total Estimated Amount</b>						<b>\$21,580</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66753</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E93-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Emergency Lighting Is Inadequate Or Not Present And Should Be Installed**

Category **Code Compliance** System **Fire and Security**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Security and Supervision**

Correction **Install Or Add Emergency Lighting System** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	265213100700	Emergency lighting units, nickel cadmium battery operated, twin sealed beam light, 25 W, 6 V each	28	Ea.	890.00	\$25,335
<b>Sub Total</b>						<b>\$25,335</b>
					Construction Adjustment	35% 8,740
<b>Construction Cost</b>						<b>\$34,075</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	52% 17,600
<b>Total Estimated Amount</b>						<b>\$51,675</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66756</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E58-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The GFCI Electrical Receptacles Are Inadequate And More Are Needed**

Category	<b>Deferred Maintenance</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Technology</b>
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Correction	<b>Install New GFCI Electrical Receptacle</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	260590104380	Receptacle devices, residential, decorator style, GFI with #12/2, type EMT & wire, 20', incl box & cover plate	20	Ea.	233.00	\$4,660	
<b>Sub Total</b>						<b>\$4,660</b>	
					Construction Adjustment	35%	1,608
<b>Construction Cost</b>						<b>\$6,268</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	3,237
<b>Total Estimated Amount</b>						<b>\$9,505</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66761</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E98-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12020</b>		

Deficiency **Switchgear Is Needed Or Requires Replacement**

Category **Capital Renewal** System **Electrical**

Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**

Correction **Replace 1200 Amp Switchgear** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
A	D50102400320	Switchgear installation, incl switchboard, panels & circuit breaker, 120/208 V, 1200 A	1	Ea.	21,700.00	\$21,700	
U	260505353530	Switchboard, incoming section, 1200 A, electrical demolition, remove	1	Ea.	550.00	\$550	
<b>Sub Total</b>						<b>\$22,250</b>	
					Construction Adjustment	35%	7,676
<b>Construction Cost</b>						<b>\$29,926</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	15,457
<b>Total Estimated Amount</b>						<b>\$45,383</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 3**

**Deficiency:**

Assess ID	<b>66763</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E03-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12028</b>		

Deficiency **The Canopy Lighting Requires Replacement**

Category **Deferred Maintenance** System **Electrical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Canopy Lighting** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313162545	Electrical facilities maintenance, remove and replace or maintain, replace other lighting parts	46	Ea.	77.50	\$3,565	
U	265633107830	Walkway luminaire, exterior, square 16", high pressure sodium, 100 Watt	46	Ea.	1,025.00	\$47,150	
<b>Sub Total</b>						<b>\$50,715</b>	
Construction Adjustment						35%	17,497
<b>Construction Cost</b>						<b>\$68,212</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						48%	32,987
<b>Total Estimated Amount</b>						<b>\$101,199</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66773</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E03-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Canopy Lighting Requires Replacement**

Category	<b>Deferred Maintenance</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Canopy Lighting</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313162545	Electrical facilities maintenance, remove and replace or maintain, replace other lighting parts	50	Ea.	77.50	\$3,875	
U	265633107830	Walkway luminaire, exterior, square 16", high pressure sodium, 100 Watt	50	Ea.	1,025.00	\$51,250	
<b>Sub Total</b>						<b>\$55,125</b>	
Construction Adjustment						35%	19,018
<b>Construction Cost</b>						<b>\$74,143</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						52%	38,295
<b>Total Estimated Amount</b>						<b>\$112,438</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66774</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E98-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12068</b>		

Deficiency **Switchgear Is Needed Or Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Electrical</b>
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Priority	<b>1-Mission Critical Concerns</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 2000 Amp Switchgear</b>	Quantity / UoM	
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Project(s) Note **2500 AMPS**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
A	D50102400400	Switchgear installation, incl switchboard, panels & circuit breaker, 120/208 V, 2000 A	1	Ea.	37,400.00	\$37,400	
U	260505353550	Switchboard, incoming section, 2000 A, electrical demolition, remove	1	Ea.	630.00	\$630	
<b>Sub Total</b>						<b>\$38,030</b>	
					Construction Adjustment	35%	13,120
					<b>Construction Cost</b>		<b>\$51,150</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	26,419
					<b>Total Estimated Amount</b>		<b>\$77,570</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66775</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E11-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12086</b>		

Deficiency **The Exterior Dry Type Transformer Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 112.5 kVA Dry Type Transformer</b>	Quantity / UoM	
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Project(s) Note **150 KVA**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	260505101530	Transformer, dry type, primary, 3 phase, to 600 V, 112.5 kVA, electrical demolition, remove, including removal of supports, wire & conduit terminations	1	Ea.	620.00	\$620	
U	262213105070	Transformer, dry-type, nonventilated, 3 phase 480 V primary 120/208 V secondary, 112.5 kVA	1	Ea.	14,700.00	\$14,700	
U	262213905210	Transformer handling, add to normal labor cost in restricted areas, approximately 800 pounds, 112.5 kVA	1	Ea.	900.00	\$900	
<b>Sub Total</b>						<b>\$16,220</b>	
					Construction Adjustment	35%	5,596
<b>Construction Cost</b>						<b>\$21,816</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	11,268
<b>Total Estimated Amount</b>						<b>\$33,084</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66776</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E58-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The GFCI Electrical Receptacles Are Inadequate And More Are Needed**

Category	<b>Deferred Maintenance</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Technology</b>
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Correction	<b>Install New GFCI Electrical Receptacle</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	260590104380	Receptacle devices, residential, decorator style, GFI with #12/2, type EMT & wire, 20', incl box & cover plate	40	Ea.	233.00	\$9,320	
<b>Sub Total</b>						<b>\$9,320</b>	
					Construction Adjustment	35%	3,215
					<b>Construction Cost</b>	<b>\$12,535</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	6,475
					<b>Total Estimated Amount</b>	<b>\$19,010</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66797</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E03-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Canopy Lighting Requires Replacement**

Category	<b>Deferred Maintenance</b>	System	<b>Electrical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Canopy Lighting</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313162545	Electrical facilities maintenance, remove and replace or maintain, replace other lighting parts	6	Ea.	77.50	\$465	
U	265633107830	Walkway luminaire, exterior, square 16", high pressure sodium, 100 Watt	6	Ea.	1,025.00	\$6,150	
<b>Sub Total</b>						<b>\$6,615</b>	
					Construction Adjustment	35%	2,282
<b>Construction Cost</b>						<b>\$8,897</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	4,595
<b>Total Estimated Amount</b>						<b>\$13,493</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66799</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>E93-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Emergency Lighting System Is Damaged Or Missing And Should Be Replaced**

Category	<b>Capital Renewal</b>	System	<b>Fire and Security</b>
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Priority	<b>1-Mission Critical Concerns</b>	Functional Adequacy	<b>Security and Supervision</b>
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Correction	<b>Replace Battery Pack Emergency Light</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	260505109000	Electrical demolition, minimum labor/equipment charge	2	Job	165.00	\$291	
U	265213100500	Emergency lighting units, lead battery operated, twin sealed beam light, 25 W, 6 V each	7	Ea.	325.00	\$2,273	
<b>Sub Total</b>						<b>\$2,564</b>	
					Construction Adjustment	35%	885
					<b>Construction Cost</b>		<b>\$3,448</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	1,781
<b>Total Estimated Amount</b>						<b>\$5,229</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	66801	Surveyor/Update	Antoinette hernani
Defeciency Code ID	E58-01		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **The GFCI Electrical Receptacles Are Inadequate And More Are Needed**

Category	Deferred Maintenance	System	Electrical
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Priority	2-Indirect Impact to Mission (1 Year)	Functional Adequacy	Technology
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Correction	Install New GFCI Electrical Receptacle	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	260590104380	Receptacle devices, residential, decorator style, GFI with #12/2, type EMT & wire, 20', incl box & cover plate	8	Ea.	233.00	\$1,864	
<b>Sub Total</b>						<b>\$1,864</b>	
					Construction Adjustment	35%	643
					<b>Construction Cost</b>	<b>\$2,507</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	1,295
					<b>Total Estimated Amount</b>	<b>\$3,802</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	66802	Surveyor/Update	Antoinette hernani
Defeciency Code ID	E03-03		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency **The Canopy Lighting Requires Replacement**

Category	Deferred Maintenance	System	Electrical
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Priority	2-Indirect Impact to Mission (1 Year)	Functional Adequacy	Non Related
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Correction	Replace Canopy Lighting	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313162545	Electrical facilities maintenance, remove and replace or maintain, replace other lighting parts	10	Ea.	77.50	\$775	
U	265633107830	Walkway luminaire, exterior, square 16", high pressure sodium, 100 Watt	10	Ea.	1,025.00	\$10,250	
<b>Sub Total</b>						<b>\$11,025</b>	
Construction Adjustment						35%	3,804
<b>Construction Cost</b>						<b>\$14,829</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						48%	7,171
<b>Total Estimated Amount</b>						<b>\$22,000</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66822</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M21-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12326</b>		

Deficiency **The Roof Condenser Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Rooftop Condenser** Quantity / UoM

Project(s) Note **CONDENSING UNIT 1.5 TonAC**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	015436502000	Mobilization or demobilization, crane, truck-mounted, up to 75 ton, (driver only, one-way)	2	Ea.	88.50	\$177	
U	260580101600	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 125 HP motor	0	Ea.	415.00	\$166	
U	236313101640	Condenser, ratings are for air cooled, direct drive, propeller fan, 30Deg.F temperature difference, 5 ton, R-22, replace unit	0	Ea.	2,775.00	\$1,110	
U	230505100150	Air conditioner, split unit air conditioner, package unit, 3 ton, selective demolition	1	Ea.	680.00	\$453	
<b>Sub Total</b>						<b>\$1,906</b>	
					Construction Adjustment	35%	658
<b>Construction Cost</b>						<b>\$2,564</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	1,169
<b>Total Estimated Amount</b>						<b>\$3,733</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66824</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M60-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12336</b>		

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Exhaust Fan</b>	Quantity / UoM	
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Project(s) Note **3 @ 1000 CFM EA**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	3	Ea.	155.00	\$465	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	3	Ea.	1,050.00	\$3,150	
<b>Sub Total</b>						<b>\$3,615</b>	
					Construction Adjustment	35%	1,247
					<b>Construction Cost</b>		<b>\$4,862</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	2,216
					<b>Total Estimated Amount</b>		<b>\$7,078</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66827</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	14	Ea.	267.00	\$3,796	
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	14	Ea.	400.00	\$5,686	
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	71	Ea.	100.00	\$7,108	
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	4	Ea.	1,750.00	\$6,219	
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	71	Ea.	80.00	\$5,686	
<b>Sub Total</b>						<b>\$28,495</b>	
					Construction Adjustment	35%	9,831
<b>Construction Cost</b>						<b>\$38,326</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	19,795
<b>Total Estimated Amount</b>						<b>\$58,121</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66829</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M54-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12319</b>		
Deficiency	<b>Controls Are Inadequate And Should Be Replaced With DDC Controls</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace DDC HVAC Controls</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66833</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	2,665	LF	6.15	\$16,392	
<b>Sub Total</b>						<b>\$16,392</b>	
					Construction Adjustment	35%	5,655
<b>Construction Cost</b>						<b>\$22,048</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	11,388
<b>Total Estimated Amount</b>						<b>\$33,435</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66837</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciciency Code ID	<b>M57-03CW</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12243</b>		

Deficiency **The Fan Coil (Chilled Water) HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Fan Coil - Chilled Water ( 1.5 ton)</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102150	Fan coil air conditioner, chilled water, up thru 7-1/2 ton, selective demolition	1	Ea.	94.00	\$94	
U	238219100140	Fan coil A.C., cabinet mounted, chilled water, 1.5 ton cooling, includes filters and controls	1	Ea.	1,375.00	\$1,375	
<b>Sub Total</b>						<b>\$1,469</b>	
Construction Adjustment						35%	507
<b>Construction Cost</b>						<b>\$1,976</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						46%	901
<b>Total Estimated Amount</b>						<b>\$2,876</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66841</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-09C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12280</b>		

Deficiency **The HVAC Terminal Device Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace HVAC Terminal Device</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	3,514	SF	0.64	\$2,249	
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	3,514	SF	2.82	\$9,910	
M	230953105254	Control Components, thermostats, pneumatic, heating-cooling w/deadband	41	Ea.	393.80	\$16,146	
U	230505103800	Mixing box, constant or VAV, selective demolition	41	Ea.	69.00	\$2,829	
U	233616105740	Duct accessories, mixing box, variable air volume, cool only, fan powered, damper, actuator and thermostat, 800 CFM	41	Ea.	1,500.00	\$61,500	
<b>Sub Total</b>						<b>\$92,634</b>	
					Construction Adjustment	35%	31,959
<b>Construction Cost</b>						<b>\$124,593</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	56,790
<b>Total Estimated Amount</b>						<b>\$181,383</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID **66848** Surveyor/Update **Chris Taylor**  
Deficiency Code ID **BP05-03**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **The Rest Room Lavatories Plumbing Fixtures Require Replacement**

Category **Capital Renewal** System **Plumbing**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace Restroom Lavatories** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	093013105500	Ceramic tile, walls, interior, thin set, 6" x 4-1/4"	3	SF	8.20	\$25	
U	220505101220	Fixture, counter top lavatory, disconnect and remove	1	Ea.	90.00	\$90	
U	224116106210	Lavatory, wall hung, vitreous china, white, with backsplash, wheelchair type, single bowl, 27" x 20", includes trim	1	Ea.	1,075.00	\$1,075	
U	224139102120	Faucets/fittings, lavatory faucet, center set with pop-up drain	1	Ea.	177.00	\$177	
<b>Sub Total</b>						<b>\$1,367</b>	
					Construction Adjustment	35%	471
<b>Construction Cost</b>						<b>\$1,838</b>	
					Adjustment Factor	117%	2,150
					Soft Cost Adjustment	52%	949
<b>Total Estimated Amount</b>						<b>\$4,938</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66849</b>	Surveyor/Update	<b>Chris Taylor</b>
Defecency Code ID	<b>BP07-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12304</b>		

Deficiency	<b>The Urinal Plumbing Fixtures Require Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Plumbing</b>
Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace Urinals</b>	Quantity / UoM	
Project(s) Note	<b>FLOOR MOUNT</b>		

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	220505101520	Fixture, urinal, wall mounted, selective demolition, includes 10' piping	2	Ea.	103.00	\$206	
U	220505106000	Fixture, plumbing, remove and reset, minimum	2	Ea.	120.00	\$240	
U	224213303100	Urinal, wall hung, vitreous china, with hanger & self-closing valve, siphon jet type	2	Ea.	780.00	\$1,560	
<b>Sub Total</b>						<b>\$2,006</b>	
					Construction Adjustment	35%	692
<b>Construction Cost</b>						<b>\$2,698</b>	
					Adjustment Factor	117%	3,156
					Soft Cost Adjustment	52%	1,394
<b>Total Estimated Amount</b>						<b>\$7,248</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID **66854** Surveyor/Update **Chris Taylor**  
Deficiency Code ID **M57-02C**  
Status **Estimated** FCI **Yes**  
Life Cycle **12328**

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10000 CFM Air Handler** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200	
U	233113130120	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	1,000	Lb	23.00	\$23,000	
U	237313202350	Central station air handling unit, packaged indoor, variable air volume, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	49,100.00	\$98,200	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660	
<b>Sub Total</b>						<b>\$126,700</b>	
					Construction Adjustment	35%	43,711
<b>Construction Cost</b>						<b>\$170,411</b>	
					Adjustment Factor	-25%	-42,603
					Soft Cost Adjustment	46%	77,674
<b>Total Estimated Amount</b>						<b>\$205,482</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID	<b>66855</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12329</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 15000 CFM Air Handler</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202360	Central station air handling unit, packaged indoor, variable air volume, 15,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	70,500.00	\$70,500	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$79,950</b>	
					Construction Adjustment	35%	27,583
<b>Construction Cost</b>						<b>\$107,533</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	49,013
<b>Total Estimated Amount</b>						<b>\$156,546</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66860</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M60-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12463</b>		

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Exhaust Fan</b>	Quantity / UoM	
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Project(s) Note **@ 500 CFM EA**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	8	Ea.	155.00	\$1,240	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	8	Ea.	1,050.00	\$8,400	
<b>Sub Total</b>						<b>\$9,640</b>	
					Construction Adjustment	35%	3,326
<b>Construction Cost</b>						<b>\$12,966</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	5,910
<b>Total Estimated Amount</b>						<b>\$18,876</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66862</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	11	Ea.	267.00	\$3,062	
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	11	Ea.	400.00	\$4,588	
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	57	Ea.	100.00	\$5,734	
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	3	Ea.	1,750.00	\$5,018	
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	57	Ea.	80.00	\$4,588	
<b>Sub Total</b>						<b>\$22,989</b>	
					Construction Adjustment	35%	7,931
<b>Construction Cost</b>						<b>\$30,920</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	15,970
<b>Total Estimated Amount</b>						<b>\$46,891</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66864</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M54-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12407</b>		
Deficiency	<b>Controls Are Inadequate And Should Be Replaced With DDC Controls</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace DDC HVAC Controls</b>	Quantity / UoM	
Project(s) Note			

**Estimate:**

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66866</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	2,150	LF	6.15	\$13,225	
<b>Sub Total</b>						<b>\$13,225</b>	
					Construction Adjustment	35%	4,563
<b>Construction Cost</b>						<b>\$17,788</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	9,187
<b>Total Estimated Amount</b>						<b>\$26,975</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID **66867** Surveyor/Update **Chris Taylor**  
Deficiency Code ID **M57-02C**  
Status **Estimated** FCI **Yes**  
Life Cycle **12458**

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10000 CFM Air Handler** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	3	Day	1,600.00	\$4,800	
U	233113130120	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	1,500	Lb	23.00	\$34,500	
U	237313202350	Central station air handling unit, packaged indoor, variable air volume, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	3	Ea.	49,100.00	\$147,300	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	3	Ea.	820.00	\$2,460	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	3	Ea.	330.00	\$990	
<b>Sub Total</b>						<b>\$190,050</b>	
					Construction Adjustment	35%	65,567
<b>Construction Cost</b>						<b>\$255,617</b>	
					Adjustment Factor	-25%	-63,904
					Soft Cost Adjustment	46%	116,510
<b>Total Estimated Amount</b>						<b>\$308,223</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID **66870** Surveyor/Update **Chris Taylor**  
Deficiency Code ID **BP07-03**  
Status **Estimated** FCI **Yes**  
Life Cycle **12368**

Deficiency **The Urinal Plumbing Fixtures Require Replacement**  
Category **Capital Renewal** System **Plumbing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Replace Urinals** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	220505101520	Fixture, urinal, wall mounted, selective demolition, includes 10' piping	4	Ea.	103.00	\$412	
U	220505106000	Fixture, plumbing, remove and reset, minimum	4	Ea.	120.00	\$480	
U	224213303100	Urinal, wall hung, vitreous china, with hanger & self-closing valve, siphon jet type	4	Ea.	780.00	\$3,120	
<b>Sub Total</b>						<b>\$4,012</b>	
					Construction Adjustment	35%	1,384
<b>Construction Cost</b>						<b>\$5,396</b>	
					Adjustment Factor	117%	6,313
					Soft Cost Adjustment	52%	2,787
<b>Total Estimated Amount</b>						<b>\$14,496</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66886</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12459</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 2000 CFM Air Handler</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202330	Central station air handling unit, packaged indoor, variable air volume, 2000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	17,900.00	\$35,800	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640	
U	233113130540	Metal ductwork, fabricated rectangular, galvanized steel, 500 to 1000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	1,000	Lb	8.25	\$8,250	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660	
<b>Sub Total</b>						<b>\$49,550</b>	
Construction Adjustment						35%	17,095
<b>Construction Cost</b>						<b>\$66,645</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						52%	34,422
<b>Total Estimated Amount</b>						<b>\$101,067</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID	<b>66887</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-09C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12462</b>		

Deficiency **The HVAC Terminal Device Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace HVAC Terminal Device** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	2,571	SF	0.64	\$1,646	
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	2,571	SF	2.82	\$7,251	
M	230953105254	Control Components, thermostats, pneumatic, heating-cooling w/deadband	30	Ea.	393.80	\$11,814	
U	230505103800	Mixing box, constant or VAV, selective demolition	30	Ea.	69.00	\$2,070	
U	233616105740	Duct accessories, mixing box, variable air volume, cool only, fan powered, damper, actuator and thermostat, 800 CFM	30	Ea.	1,500.00	\$45,000	
<b>Sub Total</b>						<b>\$67,781</b>	
					Construction Adjustment	35%	23,384
<b>Construction Cost</b>						<b>\$91,166</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	41,553
<b>Total Estimated Amount</b>						<b>\$132,719</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 3**

**Deficiency:**

Assess ID	<b>66888</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	12	Ea.	267.00	\$3,337	
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	12	Ea.	400.00	\$4,999	
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	62	Ea.	100.00	\$6,249	
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	3	Ea.	1,750.00	\$5,468	
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	62	Ea.	80.00	\$4,999	
<b>Sub Total</b>						<b>\$25,052</b>	
					Construction Adjustment	35%	8,643
<b>Construction Cost</b>						<b>\$33,695</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	14,300
<b>Total Estimated Amount</b>						<b>\$47,996</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 3**

**Deficiency:**

Assess ID	66889	Surveyor/Update	Antoinette hernani
Defeciency Code ID	M54-03		
Status	Estimated	FCI	Yes
Life Cycle	12471		
Deficiency	Controls Are Inadequate And Should Be Replaced With DDC Controls		
Category	Capital Renewal	System	Mechanical
Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
Correction	Replace DDC HVAC Controls	Quantity / UoM	
Project(s) Note			

**Estimate:**

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 3**

**Deficiency:**

Assess ID	<b>66890</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	2,343	LF	6.15	\$14,412
<b>Sub Total</b>						<b>\$14,412</b>
					Construction Adjustment	35% 4,972
<b>Construction Cost</b>						<b>\$19,384</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	48% 9,374
<b>Total Estimated Amount</b>						<b>\$28,758</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 3**

**Deficiency:**

Assess ID	<b>66891</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M59-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12474</b>		
Deficiency	<b>Ductwork Requires Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace HVAC Ductwork</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	090505101540	Ceiling demolition, ceiling tile, wood fiber, stapled, 12" x 12", remove	50	SF	0.64	\$32
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	50	SF	2.82	\$141
U	230505101590	Ductwork, spiral wound, prefabricated, selective demolition	5	LF	3.11	\$16
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	13	Lb	7.70	\$96
<b>Sub Total</b>						<b>\$286</b>
					Construction Adjustment	35% 99
<b>Construction Cost</b>						<b>\$384</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 163
<b>Total Estimated Amount</b>						<b>\$547</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 3**

**Deficiency:**

Assess ID	<b>66892</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-21c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Duct Heater Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Learning Environment**

Correction **Replace Duct Heater** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	4	Ea.	2,825.00	\$11,300	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	4	Job	161.00	\$644	
<b>Sub Total</b>						<b>\$11,944</b>	
					Construction Adjustment	35%	4,121
					<b>Construction Cost</b>		<b>\$16,065</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	6,818
					<b>Total Estimated Amount</b>		<b>\$22,883</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66896</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M60-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12558</b>		

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Exhaust Fan</b>	Quantity / UoM	
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Project(s) Note **5000 CFM EA.**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	15	Ea.	155.00	\$2,325	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	15	Ea.	1,050.00	\$15,750	
<b>Sub Total</b>						<b>\$18,075</b>	
					Construction Adjustment	35%	6,236
<b>Construction Cost</b>						<b>\$24,311</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	11,081
<b>Total Estimated Amount</b>						<b>\$35,392</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66898</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	20	Ea.	267.00	\$5,255
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	20	Ea.	400.00	\$7,872
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	98	Ea.	100.00	\$9,840
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	5	Ea.	1,750.00	\$8,610
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	98	Ea.	47,716.00	\$4,695,350
<b>Sub Total</b>						<b>\$4,726,927</b>
					Construction Adjustment	35% 1,630,790
<b>Construction Cost</b>						<b>\$6,357,717</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	52% 3,283,761
<b>Total Estimated Amount</b>						<b>\$9,641,478</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	66899	Surveyor/Update	Chris Taylor
Deficiency Code ID	M54-03		
Status	Estimated	FCI	Yes
Life Cycle	12519		

Deficiency **Controls Are Inadequate And Should Be Replaced With DDC Controls**

Category **Capital Renewal** System **Mechanical**

Priority **3-Short Term Conditions (2-3 Years)** Functional Adequacy **Non Related**

Correction **Replace DDC HVAC Controls** Quantity / UoM

Project(s) Note

**Estimate:**

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66900</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	3,690	LF	6.15	\$22,694
<b>Sub Total</b>						<b>\$22,694</b>
					Construction Adjustment	35% 7,829
<b>Construction Cost</b>						<b>\$30,523</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	52% 15,765
<b>Total Estimated Amount</b>						<b>\$46,289</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	66901	Surveyor/Update	Antoinette hernani
Defecency Code ID	M57-02C		
Status	Estimated	FCI	Yes
Life Cycle	12537		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	Capital Renewal	System	Mechanical
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Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
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Correction	Replace 5000 CFM Air Handler	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	2	Ea.	26,000.00	\$52,000	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	2	Ea.	820.00	\$1,640	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	2	Day	1,600.00	\$3,200	
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	2	Ea.	330.00	\$660	
<b>Sub Total</b>						<b>\$64,200</b>	
Construction Adjustment						35%	22,149
<b>Construction Cost</b>						<b>\$86,349</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						52%	44,599
<b>Total Estimated Amount</b>						<b>\$130,948</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	66903	Surveyor/Update	Chris Taylor
Defecency Code ID	BP07-03		
Status	Estimated	FCI	Yes
Life Cycle	12494		

Deficiency	<b>The Urinal Plumbing Fixtures Require Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Plumbing</b>
Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace Urinals</b>	Quantity / UoM	
Project(s) Note	<b>FLOOR MOUNT</b>		

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	220505101520	Fixture, urinal, wall mounted, selective demolition, includes 10' piping	5	Ea.	103.00	\$515	
U	220505106000	Fixture, plumbing, remove and reset, minimum	5	Ea.	120.00	\$600	
U	224213303100	Urinal, wall hung, vitreous china, with hanger & self-closing valve, siphon jet type	5	Ea.	780.00	\$3,900	
<b>Sub Total</b>						<b>\$5,015</b>	
					Construction Adjustment	35%	1,730
<b>Construction Cost</b>						<b>\$6,745</b>	
					Adjustment Factor	117%	7,891
					Soft Cost Adjustment	52%	3,484
<b>Total Estimated Amount</b>						<b>\$18,120</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66904</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M88-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency	<b>Abandoned Equipment needs to be removed</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>4-Long Term Requirements (3-5 years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Remove abandoned equipment</b>	Quantity / UoM	
Project(s) Note	<b>DUST COLLECTOR</b>		

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505109000	HVAC, selective demolition, minimum labor/equipment charge	1	Job	680.00	\$680	
<b>Sub Total</b>						<b>\$680</b>	
					Construction Adjustment	35%	235
<b>Construction Cost</b>						<b>\$915</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	472
<b>Total Estimated Amount</b>						<b>\$1,387</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66905</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciciency Code ID	<b>M57-11C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Make Up Air Equipment Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace HVAC Make-up Air Equipment</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	260580102025	Motor connections, flexible conduit and fittings, 3 phase, sealtite, 460 volt, 40 HP motor	7	Ea.	180.00	\$1,260	
U	050505100270	Selective metals demolition, structural framing members, 10 - 15 tons, remove whole or cut up into smaller pieces, incl loading, excl shoring, bracing, cutting, hauling, dumping	7	Ea.	370.00	\$2,590	
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	700	Lb	7.70	\$5,390	
U	237339100100	Make-up air unit, indoor suspension, natural/LP gas, direct fired, MBH is input, 70Deg.F temperature rise, 75 MBH, includes standard controls	7	Ea.	5,975.00	\$41,825	
<b>Sub Total</b>						<b>\$51,065</b>	
					Construction Adjustment	35%	17,617
<b>Construction Cost</b>						<b>\$68,682</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	31,305
<b>Total Estimated Amount</b>						<b>\$99,988</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID **66909** Surveyor/Update **Chris Taylor**  
Deficiency Code ID **M57-02C**  
Status **Estimated** FCI **Yes**  
Life Cycle **12539**

Deficiency **The Air Handler HVAC Component Requires Replacement**  
Category **Capital Renewal** System **Mechanical**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Replace 10000 CFM Air Handler** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	233113130120	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	2,000	Lb	23.00	\$46,000
U	237313202350	Central station air handling unit, packaged indoor, variable air volume, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	4	Ea.	49,100.00	\$196,400
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	4	Ea.	820.00	\$3,280
M		Adjustment to match project budget	1	LS	1,683.00	\$1,683
M		Adjustment to match project budget	1	LS	2,512.00	\$2,512
M	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	4	Day	2,278.20	\$9,113
<b>Sub Total</b>						<b>\$258,988</b>
					Construction Adjustment	35% 89,351
<b>Construction Cost</b>						<b>\$348,339</b>
					Adjustment Factor	-34% -118,435
					Soft Cost Adjustment	46% 158,773
<b>Total Estimated Amount</b>						<b>\$388,676</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66910</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12538</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 10000 CFM Air Handler</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202350	Central station air handling unit, packaged indoor, variable air volume, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	49,100.00	\$49,100	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	233113130120	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	23.00	\$11,500	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$63,350</b>	
Construction Adjustment						35%	21,856
<b>Construction Cost</b>						<b>\$85,206</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						46%	38,837
<b>Total Estimated Amount</b>						<b>\$124,043</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	66911	Surveyor/Update	Antoinette hernani
Defecency Code ID	M57-02C		
Status	Estimated	FCI	Yes
Life Cycle	12540		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	Capital Renewal	System	Mechanical
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Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
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Correction	Replace 5000 CFM Air Handler	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$32,100</b>	
					Construction Adjustment	35%	11,074
<b>Construction Cost</b>						<b>\$43,174</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	22,300
<b>Total Estimated Amount</b>						<b>\$65,474</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66912</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12541</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 2000 CFM Air Handler</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202330	Central station air handling unit, packaged indoor, variable air volume, 2000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	17,900.00	\$17,900	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	233113130540	Metal ductwork, fabricated rectangular, galvanized steel, 500 to 1000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	8.25	\$4,125	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$24,775</b>	
					Construction Adjustment	35%	8,547
<b>Construction Cost</b>						<b>\$33,322</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	17,211
<b>Total Estimated Amount</b>						<b>\$50,533</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66913</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-09C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12555</b>		

Deficiency **The HVAC Terminal Device Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace HVAC Terminal Device</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	1,629	SF	0.64	\$1,042	
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	1,629	SF	2.82	\$4,593	
M	230953105254	Control Components, thermostats, pneumatic, heating-cooling w/deadband	19	Ea.	393.80	\$7,482	
U	230505103800	Mixing box, constant or VAV, selective demolition	19	Ea.	69.00	\$1,311	
U	233616105740	Duct accessories, mixing box, variable air volume, cool only, fan powered, damper, actuator and thermostat, 800 CFM	19	Ea.	1,500.00	\$28,500	
<b>Sub Total</b>						<b>\$42,928</b>	
					Construction Adjustment	35%	14,810
<b>Construction Cost</b>						<b>\$57,738</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	26,317
<b>Total Estimated Amount</b>						<b>\$84,055</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66920</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-21c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12574</b>		
Deficiency	<b>Duct Heater Requires Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Learning Environment</b>
Correction	<b>Replace Duct Heater</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	4	Ea.	2,825.00	\$11,300	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	4	Job	161.00	\$644	
<b>Sub Total</b>						<b>\$11,944</b>	
					Construction Adjustment	35%	4,121
					<b>Construction Cost</b>		<b>\$16,065</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	7,322
					<b>Total Estimated Amount</b>		<b>\$23,387</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID	<b>66924</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-21c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12575</b>		
Deficiency	<b>Duct Heater Requires Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Learning Environment</b>
Correction	<b>Replace Duct Heater</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161	
<b>Sub Total</b>						<b>\$2,986</b>	
					Construction Adjustment	35%	1,030
<b>Construction Cost</b>						<b>\$4,016</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	1,831
<b>Total Estimated Amount</b>						<b>\$5,847</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66930</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M60-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Exhaust Fan</b>	Quantity / UoM	
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Project(s) Note **1500 CFM EA.**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	3	Ea.	155.00	\$465	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	3	Ea.	1,050.00	\$3,150	
<b>Sub Total</b>						<b>\$3,615</b>	
					Construction Adjustment	35%	1,247
<b>Construction Cost</b>						<b>\$4,862</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	2,216
<b>Total Estimated Amount</b>						<b>\$7,078</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66932</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	3	Ea.	267.00	\$748	
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	3	Ea.	400.00	\$1,121	
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	14	Ea.	100.00	\$1,401	
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	1	Ea.	1,750.00	\$1,226	
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	14	Ea.	80.00	\$1,121	
<b>Sub Total</b>						<b>\$5,617</b>	
					Construction Adjustment	35%	1,938
<b>Construction Cost</b>						<b>\$7,555</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	3,902
<b>Total Estimated Amount</b>						<b>\$11,458</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66933</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M54-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12616</b>		
Deficiency	<b>Controls Are Inadequate And Should Be Replaced With DDC Controls</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace DDC HVAC Controls</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	66935	Surveyor/Update	Antoinette hernani
Defeciency Code ID	M70-03		
Status	Estimated	FCI	Yes
Life Cycle			

Deficiency	<b>Air Compressor is Inoperable and Requires Replacement</b>		
Category	Deferred Maintenance	System	Mechanical
Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
Correction	Replace 10 HP Air Compressor	Quantity / UoM	
Project(s) Note	7.5 HP		

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	220505100420	Air compressor, 10 H.P. thru 15 H.P., selective demolition	2	Ea.	925.00	\$1,850	
U	221519105680	Compressor, air, reciprocating, air cooled, splash lubricated, tank mounted, two stage, 3 phase, 38.7 SCFM at 125 psi, 10 H.P., 120 gallon tank	2	Ea.	9,700.00	\$19,400	
<b>Sub Total</b>						<b>\$21,250</b>	
					Construction Adjustment	35%	7,331
<b>Construction Cost</b>						<b>\$28,581</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	13,027
<b>Total Estimated Amount</b>						<b>\$41,609</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66937</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	525	LF	6.15	\$3,232	
<b>Sub Total</b>						<b>\$3,232</b>	
					Construction Adjustment	35%	1,115
<b>Construction Cost</b>						<b>\$4,346</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	2,245
<b>Total Estimated Amount</b>						<b>\$6,591</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66938</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciciency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12622</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 5000 CFM Air Handler</b>	Quantity / UoM	
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Project(s) Note **3000 CFM**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202340	Central station air handling unit, packaged indoor, variable air volume, 5000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	26,000.00	\$26,000	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	250	Lb	13.40	\$3,350	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$32,100</b>	
					Construction Adjustment	35%	11,074
<b>Construction Cost</b>						<b>\$43,174</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	52%	22,300
<b>Total Estimated Amount</b>						<b>\$65,474</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66944</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-24c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12643</b>		

Deficiency **Large HVAC Circulating Pump Requires Replacement**

Category **Deferred Maintenance** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace Large (10 HP) Circulating Pump** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	232123134520	Pump, circulating, cast iron, close coupled, end suction, bronze impeller, flanged joints, 10 H.P., to 600 GPM, 4" size	2	Ea.	6,700.00	\$13,400	
U	220505102186	Pump, 7-1/2 H.P. thru 15 H.P., selective demolition	2	Ea.	515.00	\$1,030	
<b>Sub Total</b>						<b>\$14,430</b>	
					Construction Adjustment	35%	4,978
					<b>Construction Cost</b>		<b>\$19,408</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	8,846
					<b>Total Estimated Amount</b>		<b><u>\$28,255</u></b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66947</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-24c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12644</b>		

Deficiency **Large HVAC Circulating Pump Requires Replacement**

Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace Large (25 HP) Circulating Pump</b>	Quantity / UoM	
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Project(s) Note **20 HP**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	220505102188	Pump, 20 H.P. thru 25 H.P., selective demolition	2	Ea.	505.00	\$1,010	
U	232123134620	Pump, circulating, cast iron, close coupled, end suction, bronze impeller, flanged joints, 25 H.P., to 1550 GPM, 5" size	2	Ea.	9,375.00	\$18,750	
<b>Sub Total</b>						<b>\$19,760</b>	
					Construction Adjustment	35%	6,817
<b>Construction Cost</b>						<b>\$26,577</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	12,114
<b>Total Estimated Amount</b>						<b>\$38,691</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID	<b>66954</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-09C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12630</b>		

Deficiency **The HVAC Terminal Device Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace HVAC Terminal Device</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	090505101200	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	429	SF	0.64	\$274	
U	095123101130	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, rough texture, 2' x 2' or 2' x 4', 3/4" thick	429	SF	2.82	\$1,209	
M	230953105254	Control Components, thermostats, pneumatic, heating-cooling w/deadband	5	Ea.	393.80	\$1,969	
U	230505103800	Mixing box, constant or VAV, selective demolition	5	Ea.	69.00	\$345	
U	233616105740	Duct accessories, mixing box, variable air volume, cool only, fan powered, damper, actuator and thermostat, 800 CFM	5	Ea.	1,500.00	\$7,500	
<b>Sub Total</b>						<b>\$11,297</b>	
					Construction Adjustment	35%	3,897
<b>Construction Cost</b>						<b>\$15,194</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	46%	6,926
<b>Total Estimated Amount</b>						<b>\$22,120</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66977</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	7	Ea.	267.00	\$1,775	
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	7	Ea.	400.00	\$2,659	
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	33	Ea.	100.00	\$3,324	
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	2	Ea.	1,750.00	\$2,908	
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	33	Ea.	80.00	\$2,659	
<b>Sub Total</b>						<b>\$13,325</b>	
					Construction Adjustment	35%	4,597
<b>Construction Cost</b>						<b>\$17,922</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	7,606
<b>Total Estimated Amount</b>						<b>\$25,528</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66978</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M54-03</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12714</b>		
Deficiency	<b>Controls Are Inadequate And Should Be Replaced With DDC Controls</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Replace DDC HVAC Controls</b>	Quantity / UoM	
Project(s) Note			

**Estimate:**

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66979</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	1,246	LF	6.15	\$7,666	
<b>Sub Total</b>						<b>\$7,666</b>	
					Construction Adjustment	35%	2,645
<b>Construction Cost</b>						<b>\$10,310</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	4,986
<b>Total Estimated Amount</b>						<b>\$15,296</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66980</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12725</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category **Capital Renewal** System **Mechanical**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**

Correction **Replace 10000 CFM Air Handler** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202350	Central station air handling unit, packaged indoor, variable air volume, 10,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	49,100.00	\$49,100	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	233113130120	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	23.00	\$11,500	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$63,350</b>	
Construction Adjustment						35%	21,856
<b>Construction Cost</b>						<b>\$85,206</b>	
Adjustment Factor						0%	0
Soft Cost Adjustment						42%	36,161
<b>Total Estimated Amount</b>						<b>\$121,367</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66982</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-02C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12724</b>		

Deficiency **The Air Handler HVAC Component Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace 15000 CFM Air Handler</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	237313202360	Central station air handling unit, packaged indoor, variable air volume, 15,000 CFM, cooling coils may be chilled water or DX, heating coils may be hot water, steam or electric	1	Ea.	70,500.00	\$70,500	
U	230505100400	Central station air handler, up thru 15 ton, selective demolition	1	Ea.	820.00	\$820	
U	015419500100	Crane crew, daily use for small jobs, 12-ton truck-mounted hydraulic crane, portal to portal	1	Day	1,600.00	\$1,600	
U	233113131030	Metal ductwork, fabricated rectangular, 500 to 1000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	500	Lb	13.40	\$6,700	
U	260580101590	Motor connections, flexible conduit and fittings, 3 phase, 460 volt, 100 HP motor	1	Ea.	330.00	\$330	
<b>Sub Total</b>						<b>\$79,950</b>	
					Construction Adjustment	35%	27,583
<b>Construction Cost</b>						<b>\$107,533</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	45,637
<b>Total Estimated Amount</b>						<b>\$153,170</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66984</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciciency Code ID	<b>M57-11C</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			

Deficiency **The Make Up Air Equipment Requires Replacement**

Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
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Priority	<b>2-Indirect Impact to Mission (1 Year)</b>	Functional Adequacy	<b>Non Related</b>
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Correction	<b>Replace HVAC Make-up Air Equipment</b>	Quantity / UoM	
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Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	260580102025	Motor connections, flexible conduit and fittings, 3 phase, sealtite, 460 volt, 40 HP motor	3	Ea.	180.00	\$540
U	050505100270	Selective metals demolition, structural framing members, 10 - 15 tons, remove whole or cut up into smaller pieces, incl loading, excl shoring, bracing, cutting, hauling, dumping	3	Ea.	370.00	\$1,110
U	233113130570	Metal ductwork, fabricated rectangular, galvanized steel, 2000 to 5000 lb., includes fittings, joints, supports and allow for a flexible connections field sketches, excludes as-built drawings and insulation	300	Lb	7.70	\$2,310
U	237339100100	Make-up air unit, indoor suspension, natural/LP gas, direct fired, MBH is input, 70Deg.F temperature rise, 75 MBH, includes standard controls	3	Ea.	5,975.00	\$17,925
<b>Sub Total</b>						<b>\$21,885</b>
					Construction Adjustment	35% 7,550
<b>Construction Cost</b>						<b>\$29,435</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 12,492
<b>Total Estimated Amount</b>						<b>\$41,928</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66986</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-21c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12732</b>		
Deficiency	<b>Duct Heater Requires Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Learning Environment</b>
Correction	<b>Replace Duct Heater</b>	Quantity / UoM	
Project(s) Note	<b>25 KW</b>		

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161	
<b>Sub Total</b>						<b>\$2,986</b>	
					Construction Adjustment	35%	1,030
<b>Construction Cost</b>						<b>\$4,016</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	1,704
<b>Total Estimated Amount</b>						<b>\$5,721</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	<b>66987</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defecency Code ID	<b>M57-21c</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle	<b>12733</b>		
Deficiency	<b>Duct Heater Requires Replacement</b>		
Category	<b>Capital Renewal</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Learning Environment</b>
Correction	<b>Replace Duct Heater</b>	Quantity / UoM	
Project(s) Note	<b>30 KW</b>		

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	238216200360	Duct heater, electric, finned tubular insert, 480 V, 3Ph., 500Deg.F, 26.7 kW, 12" wide x 24" high	1	Ea.	2,825.00	\$2,825	
U	230505101850	Air conditioner, duct heater, electric strip, selective demolition, minimum labor/equipment charge	1	Job	161.00	\$161	
<b>Sub Total</b>						<b>\$2,986</b>	
					Construction Adjustment	35%	1,030
<b>Construction Cost</b>						<b>\$4,016</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	1,704
<b>Total Estimated Amount</b>						<b>\$5,721</b>	



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID	66996	Surveyor/Update	Antoinette hernani
Defeciency Code ID	M60-03		
Status	Estimated	FCI	Yes
Life Cycle	12746		

Deficiency **Exhaust Fan Ventilation Requires Replacement**

Category	Capital Renewal	System	Mechanical
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Priority	3-Short Term Conditions (2-3 Years)	Functional Adequacy	Non Related
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Correction	Replace Exhaust Fan	Quantity / UoM	
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Project(s) Note **@ 500 CFM**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230505102120	Fans, up thru 1 H.P. or 2000 CFM, selective demolition	1	Ea.	155.00	\$155	
U	233423106180	Fans, propeller exhaust, wall shutter, direct drive, 1/4" S.P., two speed, 3275 CFM, 1/2 H.P.	1	Ea.	1,050.00	\$1,050	
<b>Sub Total</b>						<b>\$1,205</b>	
					Construction Adjustment	35%	416
<b>Construction Cost</b>						<b>\$1,621</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	688
<b>Total Estimated Amount</b>						<b>\$2,309</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 10**

**Deficiency:**

Assess ID	<b>67012</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M52-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Test And Balancing Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>3-Short Term Conditions (2-3 Years)</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Fix HVAC Test/Adjust/Balance</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	230593101400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	7	Ea.	267.00	\$1,954	
U	230593103600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, laboratory fume hood, (Subcontractor's quote including material & labor)	7	Ea.	400.00	\$2,927	
U	230593104500	Balancing, taps into ceiling plenums, (Subcontractor's quote including material & labor)	37	Ea.	100.00	\$3,658	
U	230593102400	Balancing, air conditioning equipment, central station, built-up variable volume, (Subcontractor's quote including material & labor)	2	Ea.	1,750.00	\$3,201	
U	230593104600	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, variable volume boxes, (Subcontractor's quote including material & labor)	37	Ea.	80.00	\$2,927	
<b>Sub Total</b>						<b>\$14,667</b>	
					Construction Adjustment	35%	5,060
<b>Construction Cost</b>						<b>\$19,726</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	8,372
<b>Total Estimated Amount</b>						<b>\$28,098</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->CR**

**Deficiency:**

Assess ID	<b>67034</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	272	LF	6.15	\$1,674	
<b>Sub Total</b>						<b>\$1,674</b>	
					Construction Adjustment	35%	577
<b>Construction Cost</b>						<b>\$2,251</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	1,089
<b>Total Estimated Amount</b>						<b>\$3,340</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->CR**

**Deficiency:**

Assess ID	<b>67035</b>	Surveyor/Update	<b>Antoinette hernani</b>
Defeciency Code ID	<b>M55-01</b>		
Status	<b>Estimated</b>	FCI	<b>Yes</b>
Life Cycle			
Deficiency	<b>Duct Cleaning Required</b>		
Category	<b>Deferred Maintenance</b>	System	<b>Mechanical</b>
Priority	<b>5-General Improvements</b>	Functional Adequacy	<b>Non Related</b>
Correction	<b>Clean Ducts</b>	Quantity / UoM	

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
U	019313150840	Ductwork, rectangular, clean, 10" x 20" (max)	272	LF	6.15	\$1,674	
<b>Sub Total</b>						<b>\$1,674</b>	
					Construction Adjustment	35%	577
<b>Construction Cost</b>						<b>\$2,251</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	1,089
<b>Total Estimated Amount</b>						<b>\$3,340</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College**

**Deficiency:**

Assess ID **220848** Surveyor/Update **Eric Sheppard**  
Deficiency Code ID **FireAlarm-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Entire Fire Alarm System Needs to be Replaced**  
Category **Capital Renewal** System **Fire and Security**  
Priority **1-Mission Critical Concerns** Functional Adequacy **Non Related**  
Correction **Replace Entire Fire Alarm System** Quantity / UoM  
Project(s) Note **Model: 4100-8001**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
M		Allowance for Fire Alarm Replacement	1	LS	400,500.00	\$400,500	
<b>Sub Total</b>						<b>\$400,500</b>	
					Construction Adjustment	35%	138,172
<b>Construction Cost</b>						<b>\$538,672</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	228,613
<b>Total Estimated Amount</b>						<b>\$767,285</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 1**

**Deficiency:**

Assess ID **224563** Surveyor/Update  
Defecency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	35,539	SF	7.25	\$257,658
<b>Sub Total</b>						<b>\$257,658</b>
					Construction Adjustment	35% 88,892
<b>Construction Cost</b>						<b>\$346,550</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 147,076
<b>Total Estimated Amount</b>						<b>\$493,625</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID **224564** Surveyor/Update  
Defecency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	28,602	SF	7.25	\$207,365
<b>Sub Total</b>						<b>\$207,365</b>
					Construction Adjustment	35% 71,541
<b>Construction Cost</b>						<b>\$278,905</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 118,367
<b>Total Estimated Amount</b>						<b>\$397,273</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 4**

**Deficiency:**

Assess ID **224565** Surveyor/Update  
Deficiency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	47,391	SF	7.25	\$343,585
<b>Sub Total</b>						<b>\$343,585</b>
					Construction Adjustment	35% 118,537
<b>Construction Cost</b>						<b>\$462,121</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 196,124
<b>Total Estimated Amount</b>						<b>\$658,246</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 5**

**Deficiency:**

Assess ID **224566** Surveyor/Update  
Defeciency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
M		Estimate based of BCPS experience	7,006	SF	7.25	\$50,794	
<b>Sub Total</b>						<b>\$50,794</b>	
					Construction Adjustment	35%	17,524
<b>Construction Cost</b>						<b>\$68,317</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	28,994
<b>Total Estimated Amount</b>						<b>\$97,311</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 6**

**Deficiency:**

Assess ID **224567** Surveyor/Update  
Defecency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	17,680	SF	7.25	\$128,180
<b>Sub Total</b>						<b>\$128,180</b>
					Construction Adjustment	35% 44,222
<b>Construction Cost</b>						<b>\$172,402</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 73,167
<b>Total Estimated Amount</b>						<b>\$245,570</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg Support**

**Deficiency:**

Assess ID **224568** Surveyor/Update  
Deficiency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	85	SF	7.25	\$616
<b>Sub Total</b>						<b>\$616</b>
					Construction Adjustment	35% 213
<b>Construction Cost</b>						<b>\$829</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 352
<b>Total Estimated Amount</b>						<b>\$1,181</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Sto**

**Deficiency:**

Assess ID **224569** Surveyor/Update  
Defeciency Code ID **BCRoof-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof Building** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
M		Estimate based on BCPS experience	800	SF	6.25	\$5,000	
<b>Sub Total</b>						<b>\$5,000</b>	
					Construction Adjustment	35%	1,725
<b>Construction Cost</b>						<b>\$6,725</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	42%	2,854
<b>Total Estimated Amount</b>						<b>\$9,579</b>	

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Lab**

**Deficiency:**

Assess ID **224570** Surveyor/Update  
Deficiency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	600	SF	7.25	\$4,350
<b>Sub Total</b>						<b>\$4,350</b>
Construction Adjustment					35%	1,501
<b>Construction Cost</b>						<b>\$5,851</b>
Adjustment Factor					0%	0
Soft Cost Adjustment					42%	2,483
<b>Total Estimated Amount</b>						<b>\$8,334</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->CR**

**Deficiency:**

Assess ID **224572** Surveyor/Update  
Defeciency Code ID **BCRoof-01**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof Building** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based on BCPS experience	3,456	SF	6.25	\$21,600
<b>Sub Total</b>						<b>\$21,600</b>
					Construction Adjustment	35% 7,452
<b>Construction Cost</b>						<b>\$29,052</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 12,330
<b>Total Estimated Amount</b>						<b>\$41,382</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->CR**

**Deficiency:**

Assess ID **224573** Surveyor/Update  
Defecency Code ID **BCRoof-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Reroofing with new Decking Required (Broward CPS)**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Reroof and Replace Decking** Quantity / UoM

Project(s) Note

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
M		Estimate based of BCPS experience	3,456	SF	7.25	\$25,056
<b>Sub Total</b>						<b>\$25,056</b>
					Construction Adjustment	35% 8,644
<b>Construction Cost</b>						<b>\$33,700</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 14,302
<b>Total Estimated Amount</b>						<b>\$48,003</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College**

**Deficiency:**

Assess ID **314465** Surveyor/Update  
Defeciency Code ID **A14-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Replace Aluminum Walkway** Quantity / UoM  
Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	53,736	SF	3.71	\$199,361
<b>Sub Total</b>						<b>\$199,361</b>
					Construction Adjustment	35% 68,779
<b>Construction Cost</b>						<b>\$268,140</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 113,799
<b>Total Estimated Amount</b>						<b>\$381,939</b>



**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College**

**Deficiency:**

Assess ID **314466** Surveyor/Update  
Defeciency Code ID **A14-02**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Aluminum Covered Walkways Require Replacement**  
Category **Capital Renewal** System **Roofing**  
Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Non Related**  
Correction **Replace Aluminum Walkway** Quantity / UoM  
Project(s) Note **Originally part of roof replacement deficiency. Pulled out separate to reflect covered walk canopy pricing.**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension
U	074113100600	Aluminum roof panels, corrugated, on steel frame, painted, .018" thick	4,054	SF	3.71	\$15,040
<b>Sub Total</b>						<b>\$15,040</b>
					Construction Adjustment	35% 5,189
<b>Construction Cost</b>						<b>\$20,229</b>
					Adjustment Factor	0% 0
					Soft Cost Adjustment	42% 8,585
<b>Total Estimated Amount</b>						<b>\$28,815</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID **316261** Surveyor/Update **Eric Sheppard**  
Deficiency Code ID **EA-Media**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Media Center requires renovation based on condition of room(s)**

Category **Capital Renewal** System **Other**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Other**

Correction **Renovate / Remodel Media Center** Quantity / UoM

Project(s) Note **Room design = 380**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
M		Allowance for renovation	1	LS	80,148.55	\$80,149	
<b>Sub Total</b>						<b>\$80,149</b>	
					Construction Adjustment	35%	27,651
					<b>Construction Cost</b>		<b>\$107,800</b>
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	52,132
					<b>Total Estimated Amount</b>		<b>\$159,932</b>

**Broward County Public Schools**

**Deficiency Detail**

**290 William T Mcfatter Technical College**

1/5/2016 1:30 PM

Location: **William T Mcfatter Technical College->Bldg 2**

**Deficiency:**

Assess ID **316324** Surveyor/Update **Eric Sheppard**  
Deficiency Code ID **EA-ADARR**  
Status **Estimated** FCI **Yes**  
Life Cycle

Deficiency **Provide renovation of restrooms associated with educational adequacy renovations**

Category **Capital Renewal** System **Other**

Priority **2-Indirect Impact to Mission (1 Year)** Functional Adequacy **Other**

Correction **Renovate / Remodel related restrooms** Quantity / UoM

Project(s) Note **Room design = 815/816**

**Estimate:**

Type	Number	Description	Qty	UoM	Price	Extension	
M		Allowance for renovation	1	LS	7,233.58	\$7,234	
<b>Sub Total</b>						<b>\$7,234</b>	
					Construction Adjustment	35%	2,496
<b>Construction Cost</b>						<b>\$9,729</b>	
					Adjustment Factor	0%	0
					Soft Cost Adjustment	48%	4,705
<b>Total Estimated Amount</b>						<b>\$14,434</b>	



**Attachment H**  
**The School Board of Broward County, Florida**  
**Office of Facilities & Construction**  
**3775 S.W. 16<sup>th</sup> Street**  
**Fort Lauderdale, Florida 33312**

(754) 321-1500

**Consultant's Authorization To Proceed**

Project No.: _____	Date: _____
Location No.: _____	SBBC P.O. No.: _____
Project Title: _____	Line No.: _____
Facility Name: _____	Project Manager: _____
Project Consultant: _____	Dir. Capital Planning & Programming _____

Under the provisions of your contract for professional services, you are hereby authorized to proceed with the following services for the project referenced above.

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Schematic Design | <input type="checkbox"/> Design Development                   | <input type="checkbox"/> Construction Documents |
| <input type="checkbox"/> Bidding          | <input type="checkbox"/> Construction Contract Administration | <input type="checkbox"/> Warranty               |
| <input type="checkbox"/> Other Services:  | Attached: _____   |   |

This Authorization to Proceed is subject to the following attachments:

- Attachments:  Professional Services Required  
 Project Schedule  
 Professional Fees  
 Previous ATP's

The scope of the required services is specified on the Professional Services Required with a Fixed Limit of Construction Cost (FLCC) for this project as indicated below:

Original FLCC	Current Cost Estimate	Revised FLCC by ATP
_____	_____	_____

The following professional services will be provided by the Project Consultant as a normal part of its Basic Services for the Project listed above:

Item	Discipline	Description
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**Office of Facilities & Construction**  
**3775 S.W. 16<sup>th</sup> Street**  
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(754) 321-1500

**Consultant's Authorization To Proceed (Term Contracts) Cont.**

Project Schedule

Project No. & Location No.: \_\_\_\_\_ Project Title: \_\_\_\_\_

Facility Name: \_\_\_\_\_  
 Project Consultant: \_\_\_\_\_

The required project schedule milestones for this project are presented below. (Mandatory)

ACTIVITY	Date Required Or Estimated Time Period	
	Start	Finish
Schematic Design		
Design Development		
Construction Documents Development		
50% Construction Documents		
100% Construction Documents		
Bidding and Award of Contract		
Time for Permitting of Submittals, Prior to the Issuance of the Construction NTP (Part of Contract Administration)		
Construction		
Warranty		



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**Consultant's Authorization To Proceed (Term Contracts)**

Professional Fees

Project No. & Location No.: \_\_\_\_\_ Project Title: \_\_\_\_\_

Facility Name: \_\_\_\_\_  
 Project Consultant: \_\_\_\_\_

Phase	Original Basic Fee	Fee Authorized by ATP	Fee Previously Paid	Fee Balance
I (SD) (5%)		%	%	%
II (DD) (10%)		%	%	%
III (CD) (35%/60%)		%	%	%
IV (BID) (65%)		%	%	%
V (CA) (98%)		%	%	%
VI (Warr) (100%)		%	%	%
Other Service Item No. 1		%	%	%
Other Service (Item No. 2)		%	%	%
Other Service (Item No. 3)		%	%	%
Other Service (Item No. 4)		%	%	%
<b>Total:</b>				

Payment for these services shall be made In accordance with the provisions of the Professional Services Agreement.

<b>Approved By Consultant</b>				<b>Recommended By SBBC</b>			
Name: _____				Name: Shelley N. Meloni			
Title: _____				Title: Director, Pre-Construction			
Signature: _____	_____	Date: _____	_____	Signature: _____	_____	Date: _____	_____
<b>Certified By SBBC</b>				<b>Approval by SBBC</b>			
Name: _____				Name: Leo Bobadilla			
Title: _____				Title: Chief Facilities Officer			
Signature: _____	_____	Date: _____	_____	Signature: _____	_____	Date: _____	_____

This document is part of the Professional Services Agreement between The School Board of Broward County, Florida (Owner) and the Design Professional and is incorporated by reference into the terms and conditions of that agreement.