



Attachment F

Facilities Services
2700 Judge Fran Jamieson Way
Viera, Florida 32940-6601

Campus Capital Needs Sales Surtax Funded Detail Report

Facility	Condition Code	Estimate
Bayside High	2.30	\$2,567,194
District School Security	1.00	\$87,586
Building Access Security Equipment		\$87,586
Public Access Control	1.00	\$87,586
Educational Technology	3.29	\$1,410,712
Technology Building Cabling		\$912,350
Structured Cabling	2.00	\$912,350
Technology Equipment Renewal		\$173,565
Computer Replacement	3.00	\$74,192
Server Replacement	4.00	\$79,995
Switch Replacement	3.00	\$12,590
Telephone System Replacement	5.00	\$3,394
Wireless Access Points Replacement	5.00	\$3,394
Classroom Technology Infrastructure (Electrical, HVAC and Data)		\$324,797
Student Stations Power/ Technology HVAC	1.00	\$324,797
Facility Renewal	1.83	\$1,068,897
Cooling and Heating Control System Renewal		\$299,251
Building Automation System	2.00	\$299,251
Air Conditioning and Air Distribution Equipment Renewal		\$401,434
HVAC Systems EPA Non-Compliant Refrigerant	1.00	\$401,434
Building Water and Sanitary Piping System Renewal		\$17,288
Tanks	2.00	\$17,288
Electrical Distribution System Renewal		\$350,924
TSS Surge Suppression	1.86	\$350,924

Note: The chiller replacements will be funded through contingency.



THE SCHOOL BOARD OF BREVARD COUNTY

2700 Judge Fran Jamieson Way

Viera, Florida 32940-6601

Phone: (321) 631-1911

Fax: (321) 633-4646

Exhibit "C"

Project Assignment For

MEP AND FIRE PROTECTION SERVICES/RFQ #14-Q-008-KR

I. PURPOSE

This is a Project Assignment to the Continuing Contract for Professional Services between the **School Board of Brevard County, Florida** (Owner) and OCI Associates (Consultant) and made a part thereof. The purpose of this Project Assignment is to specify the required services of the Consultant to provide MEP & Fire Protection Services when and as authorized by the School Board's Representative, when School Board approval is required in accordance with School Board policy.

II. METHOD OF COMPENSATION

Consultant shall provide a proposal that identifies all costs to be incurred by the Owner for the professional services to be performed, to include a detailed breakdown of material and labor required to complete the Scope of Services detailed in this Project Assignment. All labor and material costs for each project shall be complete and detailed, and shall, without limitation, include and identify the number of hours of work by the title and responsibility of workers/professionals performing the service, while adhering to the Hourly Rate Schedule & Reimbursable Expenses Schedule in Exhibit B to the Agreement for professional services. Payment shall be in accordance with the above referenced agreement for professional services. Compensation for all services, material, supplies, training and any other items or requirements necessary to complete the work as described herein, for a total cost of Seventeen Thousand Forty Dollars (\$17,040) payable at the rates attached hereto. At no time shall work fees exceed said amount of compensation herein without a written and executed Project Assignment.

III. PROJECT/LOCATION

Performance of services will be for Additional CEP Scope for the MEP Upgrades at Bayside High School located at 1901 Degroodt Rd SW, Palm Bay, Florida 32908.

IV. SCOPE OF SERVICES

Scope of services shall be as outlined in the attached fee proposal.

V. PROJECT SCHEDULE

This project Assignment shall commence upon receipt of a Purchase Order, fully executed Project Assignment and Notice to Proceed issued by School Board and continue until the Scope of Services is completed and accepted by the School Board's Representative. Said project shall maintain schedule as provided. If schedule is altered due to unforeseen delays, the School Board's Representative shall be notified at once in writing.

The School Board's Representative and Consultant shall negotiate a proposed schedule for the successful and timely completion of the project. The Project Schedule shall include at a minimum the proposed start date and final completion date.

The Consultant's Scope of Services shall begin upon receipt of a Purchase Order, fully executed Project Assignment and Notice to Proceed, and shall be completed within 12 calendar weeks.

VI. CONSULTANT'S PROJECT TEAM MEMBERS

Consultant shall provide the **name, title and responsibility** for each of the Consultant's and Subconsultant's employees proposed to complete the Scope of Services identified in this Project Assignment.

All personnel listed herein or on the Consultant's attached proposal must be cleared before entering School Board property, pursuant to Florida Statute 1012.465. The Consultant's Project Team Members must cooperate with school personnel to provide suitable identification to demonstrate the prior approval of the Office of District & School Security before entering any campus.

VII. CONSULTANT'S PROPOSAL

Consultant's Proposal must include the following detail specific to this Project Assignment:

1. A complete Scope of Work to be performed.
2. A complete description of each phase of Work.
3. A time schedule for the Work.
4. All costs to be incurred by the Owner for the professional services to be performed.
5. An estimate of the Project Construction Budget, where appropriate.
6. Proposed Staff.
7. Proposed Sub-Consultants.
8. No terms shall be stated in the letter of understanding which are contrary to, or stated as superceding, the terms of this Agreement unless expressly approved by the Owner in writing.

(REMAINDER OF PAGE INTENTIONALLY LEFT BLANK)

SIGNATURES (FOR PROJECTS OVER \$50,000.00):

IN WITNESS THEREOF, the above parties have executed this instrument, the name of each party being affixed and these present duly signed by its undersigned representative, pursuant to authority of its governing body.

THE SCHOOL BOARD OF BREVARD COUNTY, FLORIDA
BREVARD COUNTY, FLORIDA (Owner):

(Consultant)

By: _____
Andrew J. Ziegler, Chairman
Date Approved: _____

By: _____
Print Name: _____

ATTEST (WITNESS):

Title: _____

By: _____
Desmond K. Blackburn, Ph.D., Superintendent

Date: _____

ATTEST (WITNESS):

By: _____
Print Name: _____
Title: _____

SIGNATURES (FOR PROJECTS UNDER \$50,000.00):

IN WITNESS THEREOF, the above parties have executed this instrument, the name of each party being affixed and these present duly signed by its undersigned representative, pursuant to authority of its governing body.

THE SCHOOL BOARD OF
BREVARD COUNTY, FLORIDA (Owner):

OCI ASSOCIATES
(Consultant)

By: _____
Dane Theodore, AIA, CGC
Assistant Superintendent/Facilities Services As
Designee for Desmond K. Blackburn, Ph.D., Sup.
Date Approved: _____

By: _____

Print Name: _____ Jason Smith

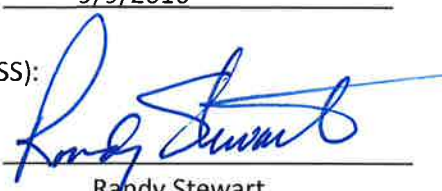
ATTEST (WITNESS):

Title: _____ Principal

By: _____
Susan Hann, P.E., ACIP
Director, Planning & Project Management

Date: _____ 9/9/2016

ATTEST (WITNESS):

By: _____

Print Name: _____ Randy Stewart
Title: _____ Principal

September 9, 2016

Denny Bowers, P.E.
 Project Manager
 Brevard Public Schools
 2799 Judge Fran Jamieson Way
 Viera, FL 32940

Re: MEP Engineering Fee Proposal
 Bayside High School – HVAC Upgrades
 Additional Services Fee – CEP Increased Scope

OCI Associates, Inc., is pleased to present our fee proposal for the above referenced project. If the proposal is acceptable, please sign and return a copy for our files.

Scope of Work:

Provide additional professional mechanical and electrical engineering services for increased scope related to the chiller plant at Bayside High School.

The design scope will include the following elements:

1. Evaluation of the CEP and modeling of the TES to determine load requirements.
2. Replacement of the air cooled chillers with larger chillers to be determined from analysis.
3. Increase TES capacity as required to accommodate the full campus load to be determined through analysis.
4. Replace glycol and secondary pumps with new pumps sized based on the load to be determined through analysis.
5. Replace the heat exchanger with new based on the new determined loads.
6. Removal of the third air cooled chiller and associated piping / hydronics that is tied into the secondary loop. Chiller to be turned over to the district to be used as portable chiller.
7. Electrical modifications as required to accommodate all equipment upgrades noted.

Compensation For Services: (per the attached task / cost breakdown)

Task 1: Verification	\$ 4,560
Task 2: Design	\$ 6,480
Task 3: Permitting	\$ 1,140
Task 4: Bidding	\$ 1,080
Task 5: Construction Administration	\$ 3,780



Our total additional services design fee for the work will be Seventeen Thousand Forty Dollars (\$17,040.00).

Estimated Construction Budget:

This proposal is an extension of the original design fee proposal and all design efforts and services will remain the same.

Project Schedule:

The design effort will adhere to the original proposal schedule.

Staff Assigned to This Project:

Project Manager:	Jason Smith
Mechanical Engineer:	Jason Smith
Electrical Engineer:	Keith Liatsos
Electrical Designer:	James Burchard
Senior Autocad Technician:	Luis Hernandez
Administrative / Tech:	Jacque Adams
Clerical:	Alisan Smith

Exclusions:

All work not specifically indicated in the scope items above is excluded.

Thank you very much for this opportunity. Should you have any questions or require further clarification, please do not hesitate to call.

Respectfully,



Jason Smith, PE, LEED AP

Principal
(printed): _____
Director of Mechanical Engineering

AcceptedBy:

Signature:

Name/Title

Date:



Task 1: Field Verification / Existing Design Review

HVAC	Senior Professional Engineer	\$120 per hour	x	24 hours	=	\$2,880
ELEC	El / Designer	\$90 per hour	x	16 hours	=	\$1,440
PM	Project Manager	\$120 per hour	x	2 hours	=	\$240

Task 1: Subtotal \$4,560

Task 2: Design

HVAC	Senior Professional Engineer	\$120 per hour	x	40 hours	=	\$4,800
ELEC	El / Designer	\$90 per hour	x	16 hours	=	\$1,440
PM	Project Manager	\$120 per hour	x	2 hours	=	\$240

Task 2: Subtotal \$6,480

Task 3: Permitting

HVAC	Senior Professional Engineer	\$120 per hour	x	4 hours	=	\$480
ELEC	El / Designer	\$90 per hour	x	2 hours	=	\$180
PM	Project Manager	\$120 per hour	x	4 hours	=	\$480

Task 3: Subtotal \$1,140

Task 4: Bidding

HVAC	Senior Professional Engineer	\$120 per hour	x	2 hours	=	\$240
ELEC	El / Designer	\$90 per hour	x	4 hours	=	\$360
PM	Project Manager	\$120 per hour	x	4 hours	=	\$480

Task 4: Subtotal \$1,080

Task 5: Construction Administration

	General CA					
PM	Project Manager	\$120 per hour	x	8 hours	=	\$960
ADMIN	Administrative Tech	\$50 per hour	x	6 hours	=	\$300
CLERICAL	Clerical	\$45 per hour	x	4 hours	=	\$180



Construction Meetings / Progress

Inspections - 4 Hours Each

HVAC	Senior Professional Engineer	\$120 per hour	x	8 hours	=	\$960
ELEC	EI / Designer	\$90 per hour	x	6 hours	=	\$540

Final Inspections / Punchlists

HVAC	Senior Professional Engineer	\$120 per hour	x	4 hours	=	\$480
ELEC	EI / Designer	\$90 per hour	x	4 hours	=	\$360

Task 5: Subtotal \$3,780

Project Total **\$17,040**