



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

RFQ #21-345-Q-DR/ROOF RENEWAL-REPLACEMENT

Imperial Estates Elementary School

Roof Replacement Design

I. PURPOSE

This is a Project Assignment to the Continuing Contract for Professional Services between the **School Board of Brevard County, Florida** (Owner) and **Gale Associates, Inc.** (Consultant) and made a part thereof. The purpose of this Project Assignment is to specify the required services of the Consultant to provide Roof Renewal-Replacement Design 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 **One Hundred Seventy-Seven Thousand, Thirty-Seven Dollars (\$177,037.00)**. 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 Imperial Estates Elementary School at 900 Imperial Estates Lane located at Titusville, Florida 32780.

IV. SCOPE OF SERVICES

Scope of Services per attached Gale Associates, Inc. proposal dated December 13, 2021, Revised December 21, 2021.

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 by June 1, 2022.

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 superseding, 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 (Owner):**

By: _____
Misty Belford, Chairperson
Date Approved: _____

ATTEST (WITNESS):


By: _____
Mark W. Mullins, Ed.D., Superintendent

**GALE ASSOCIATES, INC.
(Consultant)**

By: 
Print Name: Tony B. Robinson, RRC, BECxP
Title: Sr. Associate

Date: 12/21/2021

ATTEST (WITNESS):

By: 
Print Name: Alex E. Agudelo
Title: Staff Designer

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):**

By: _____
Susan Hann, P.E., AICP
Assistant Superintendent/Facilities Services
As Designee for Mark W. Mullins, Ed.D., Sup.
Date Approved: _____

ATTEST (WITNESS):

By: _____

(Consultant)

By: _____
Print Name: _____
Title: _____
Date: _____

ATTEST (WITNESS):

By: _____
Print Name: _____
Title: _____



GALE ASSOCIATES, INC.

160 N. Westmonte Drive, Suite1200 | Altamonte Springs, FL 32714

P 407.599.7031 F 407.599.7077

www.galeassociates.com

December 13, 2021 **Revised 12/21/2021**

Brevard Public Schools – Facility Services
2700 Judge Fran Jamison Way
Viera, FL 32940

Attn: Mr. Christopher Gerber, Project Manager
C: (321) 591-2867
Email: Gerber.Christopher@Brevardschools.org

Re: Roof Replacement
Design, Bid, and Construction Phase Services
Imperial Estates Elementary School – Roof Replacement
900 Imperial Estates Lane
Titusville, FL 32780
Gale P09236

Dear Mr. Gerber:

Gale Associates, Inc. (Gale) is pleased to present this revised proposal to provide Engineering Consulting Services to Brevard Public Schools (BPS) regarding the above-referenced facility.

PROJECT DESCRIPTION

Imperial Estates Elementary School is a one-story facility, and the roofing system consists of low-sloped modified bitumen roofing membrane (approx. 89,800 SF).

Gale performed an evaluation of the low-sloped roofing systems and the roof related mechanical, electrical, plumbing and structural components with the assistance of Cape Design Engineering (CDE). After review of Gale's preliminary evaluation report dated 10/21/2021, BPS has requested Gale to complete engineering, design and to prepare drawings and technical specifications for the replacement/repairs of the low-sloped roof systems. The project also includes MEP and structural engineering services. Gale will retain the services of CDE to assist. Please refer to CDE's proposal attached.

Buildings 1, 2, 3 and 4

- Roof Replacement using a 2-ply modified bitumen roofing system.

Buildings 5, 6, 7 and 8

- Repair roof and apply roof coating.

Building 9 (Courtyard Canopy)

- Repair roof and apply roof coating, also provide design for roof replacement to be bid as an alternate.
- Perform repairs to corroded/deteriorated structural steel framing.

SINCE 1964



Building 10

- Roof Replacement Design

Gale has also been requested to provide limited assistance during the bid and construction phases.

SCOPE OF SERVICES

Based upon our understanding of the project, we propose the following Scope of Services:

Evaluation Phase Services

- Perform a measure-up of the roof flashings, roof transitions and related accessory construction for design. Access will be provided by the Owner.
- Perform infrared thermography on Buildings 5, 6, 7, 8 and 9 to assist in locating potential moisture intrusion.
 - Roof area plans provided by BPS and will be annotated to identify the potential anomalies.
 - Gale's two (2) person team will require access after-hours to perform this service. BPS will be required to coordinate/provide access to the site.
 - This proposal is predicated on two (2) nights to perform the infrared scans of the roof.
- Prepare a brief letter report, in electronic format, outlining our findings and opinions. The letter will be augmented with photographs and notes on existing drawings.
- Meet with BPS via tele/video conference to present and review the letter report. Meeting Minutes will be developed and distributed by Gale.

Design Phase Services

- Design the construction measures selected by BPS as previously noted and prepare drawings and technical specifications suitable for soliciting contractor bids for the work.
 - Three (3) Design Submissions are anticipated, 60%, 90% and 100% for BPS review and written comments along with an updated construction cost budget estimate.
 - Meet with BPS via tele/video conference to review design review comments after the 60%, 90% and 100% Submissions.
 - Following receipt of the 100% review comments, we will finalize the Design Documents suitable for public bidding.
 - Provide an electronic signed and sealed (pdf) copy of the final Design Documents.
- BPS will provide the contract and bidding (i.e., non-technical) requirements of the Construction Documents.



Bid Phase Services

- Attend the pre-bid meeting at the project site, draft and distribute meeting minutes.
- Respond to pre-bid requests for information (RFI) and provide written addenda and clarifications to the Contract Documents.
- Review the bids prior to contract award for the remedial construction and provide an opinion/summary.

Construction Phase Services

- Initiate the construction phase by establishing the project site visit schedule during construction and points of contact for communication.
- Receive and review contractor's shop drawings and submittals for acceptance or rejection. Rejected submittals will be returned to the contractor for resubmittal. We recommend all submittals be received and reviewed by Gale prior to the pre-construction meeting and job start-up.
- Attend a pre-construction meeting at the site to review project requirements from a technical and non-technical aspect. Scheduling, coordination with interior occupancy, and set-up locations will be reviewed at that time. Written meeting minutes will be developed and distributed by Gale.
- Perform periodic observations of the contractor's work. Written field reports outlining methods and materials of construction and progress will be submitted.
 - This proposal is limited to:
 - Twenty-eight (28) half-day site visits.
 - Half-day site visits include four (4) hours on site, travel to/from the site and one hour for report preparation.
- Attend construction site meetings to review contractor progress and performance. Written meeting minutes will be developed and distributed by Gale for each meeting.
 - This proposal is predicated on Gale's attendance at eight (8) progress meetings.
- Review periodic payment requests for the project made by the contractor, technical issues, and change order requests.
- Perform a site visit after job completion and prior to contractor demobilization to observe completed work. We will provide a report that will identify and locate those items that are incomplete and/or non-conforming with the Construction Documents. It is the sole responsibility of the contractor to properly address each item and report corrections/completion directly to BPS.
- Perform one (1) follow-up site visit to verify that deficient items previously identified have been addressed. We will provide a letter documenting the condition of outstanding items.



Close-Out Document Phase Services

- Review final project closeout documents: Contractor's Lien Release and Consent of Surety, Contractor's Guarantees, Manufacturer's Warranties, and final contractor payment requisition, etc., as required and submitted by the contractor for this project.
- Review contractor final as-built drawings and provide final as-built drawings to BPS.

COMPENSATION

- Our compensation to provide the Scope of Services described above will be as follows:

| Phase / Task | Fee | Reimbursables |
|--|---------------------|----------------------|
| Evaluation Phase Services | \$11,480.00 | \$0.00 |
| <hr/> | | |
| Design Phase Services | | |
| 60% Design Submission (Gale) | \$27,160.00 | \$0.00 |
| 60% Design Submission (CDE) | | \$9,522.00 |
| 90% Design Submission (Gale) | \$18,860.00 | \$0.00 |
| 90% Design Submission (CDE) | | \$17,089.00 |
| 100% Design Submission | \$21,130.00 | \$0.00 |
| <i>Design Phase Services Sub-Total</i> | <i>\$67,150.00</i> | <i>\$26,611.00</i> |
| <hr/> | | |
| Bid Phase Services | \$2,610.00 | \$0.00 |
| <hr/> | | |
| Construction Phase Services | | |
| Construction Phase (Gale) | \$55,510.00 | \$0.00 |
| Construction Phase (CDE) | | \$9,936.00 |
| <i>Construction Phase Services Sub-Total</i> | <i>\$55,510.00</i> | <i>\$9,936.00</i> |
| <hr/> | | |
| Close-Out Document Phase Services | \$3,740.00 | \$0.00 |
| <hr/> | | |
| Total | \$140,490.00 | \$36,547.00 |
| <hr/> | | |
| Total Fee | \$177,037.00 | |

- Gale's services will be performed in accordance with BPS Professional Services Agreement for Design Services for Roof Renewal/Replacement at Imperial Estates Elementary, Apollo Elementary, and Imperial Estates Elementary, as outlined in RFQ-21-345-Q dated 2/23/21.



PROJECT PARAMETERS AND LIMITATIONS

- Gale will be provided complete access to required areas of work at the facility.
- Gale's services will be performed during normal business hours, Monday through Friday.
- Our fee does not include:
 - Research of the building's assessed value and confirmation of the construction costs spent on the building over the last three years. BPS will provide this information to Gale as needed.
 - Hazardous materials (lead, asbestos, and PCBs) evaluation, design for remediation, and mold identification or remediation.
 - Provision of staging, scaffolding, or hoisting equipment.
 - Contractor services.
 - Field testing (leak testing, etc.).
 - Specialized material testing of construction components and assemblies.
 - Accessibility evaluations or upgrades.
 - Professional cost estimating.
 - Obtaining permits.
- Gale has no authority or responsibility for the means, methods, techniques, materials, sequences, procedures, safety requirements, and programs relating to the construction of the project. The contractor is solely responsible for all aspects of the performance of the construction, including quality control; adequacy of construction; and means, methods, and procedures.
- Job site safety is the contractor's responsibility. Gale representatives, including subconsultants retained by Gale, may visit the job site from time to time. These visits are for clarifications of specific design related issues only and are not for the purposes of job site safety. It is the contractor's sole responsibility to comply with all site safety applicable requirements.
- Correction of issues noted by Gale during the construction phase is the responsibility of the contractor, as is documentation of the correction. Gale bears no liability for further or additional observation of issues identified. Lists generated by Gale are not considered to be all inclusive and represent only those issues actually observed and noted by Gale personnel while onsite. Gale has been tasked to observe specific construction elements on a part-time basis only, and the absence of notations with respect to any other construction elements neither creates any liability on Gale's part, nor alters the contractor's responsibility to complete all work in accordance with the Contract Documents.
- It is recognized that Gale has no control over the cost of labor, materials, or equipment for construction, over any contractor's methods of determining bid prices, or over competitive bidding, market, or negotiating conditions. Accordingly, Gale cannot, and does not, warrant or represent that bids or negotiated prices will not vary from any cost estimate prepared by Gale.



- Duration of the construction period is dependent upon the contractor's quality of work and staffing on the project, weather, and compliance with construction schedule. Billing will reflect the actual time spent by Gale personnel on the project.
- Gale services are strictly limited to those defined within the Scope of Services noted above. If additional services are requested, they will be performed and invoiced on a time and expenses basis in accordance with our Schedule of Fees, following receipt of written authorization to proceed from BPS.

REQUIRED DOCUMENTS

Receipt of written notice to proceed is required prior to Gale initiating services on the project.

Thank you for this opportunity to submit this revised proposal to Brevard Public Schools for consideration. Please call if you have any questions regarding this proposal.

Best regards,
GALE ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Tony B. Robinson", is written over a horizontal line.

Tony B. Robinson, RRC, BECxp, LEED®AP,
Senior Associate
Building Enclosure Design & Consulting Group

tbr:sar

Enclosures:

- Gale Fee Estimate
- CDE Proposal and Fee Estimate

BPS IMPERIAL ESTATES ELEMENTARY SCHOOL

UPON NOTICE TO PROCEED SCHEDULE MILESTONES

| <u>DESCRIPTION</u> | <u>ESTIMATED TIME</u> |
|--|--|
| Notice to Proceed | TBD |
| Evaluation for Design | |
| <ul style="list-style-type: none"> • Field Work | 2-Weeks |
| Phase 1 – 60% Design Submission | |
| <ul style="list-style-type: none"> • 60% Design Submission • 60% Design Review Meeting | 6-Weeks 1 week after receipt of review comments |
| Phase 2 – 60% Design Submission | |
| <ul style="list-style-type: none"> • 90% Design Submission • 90% Design Review Meeting | 5-Weeks 1-week after receipt of review comments |
| Phase 3 – 100% Construction Documents | |
| <ul style="list-style-type: none"> • 100% Design Submission • Process 100% Review Comments | 3-weeks 1-week |
| Bid Phase | 30-days |
| Construction Phase | 6-Months |
| Record Documents & Close-Out | 2-Weeks |

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

BUILDING ENVELOPE CONSULTING SERVICES

**ENGINEERING SERVICES FEE ESTIMATE
 SUMMARY**

| ITEM | Labor Fee | Miscellaneous Expense Fee | Sub-Total Fee and Misc. Expense | Contractor Reimbursable Fee | Consultant Fee | TOTAL FEE | Total Hours |
|------------------------------|-------------------|------------------------------|---------------------------------------|--------------------------------|------------------|-------------------|---------------|
| | | | | | | | |
| EVALUATION | 11,480.00 | 0.00 | | 0.00 | 0.00 | 11,480.00 | 86.5 |
| | | (sum of above): | 11,480.00 | | | | |
| DESIGN - 60% | 27,160.00 | 0.00 | | 0.00 | 9,522.00 | 36,682.00 | 201 |
| | | (sum of above): | 27,160.00 | | | | |
| DESIGN - 90% | 18,860.00 | 0.00 | | 0.00 | 17,089.00 | 35,949.00 | 206 |
| | | (sum of above): | 18,860.00 | | | | |
| DESIGN - 100% | 21,130.00 | 0.00 | | 0.00 | 0.00 | 21,130.00 | 154 |
| | | (sum of above): | 21,130.00 | | | | |
| BID PERIOD SERVICES | 2,610.00 | 0.00 | | 0.00 | 0.00 | 2,610.00 | 19 |
| | | (sum of above): | 2,610.00 | | | | |
| CONSTRUCTION PERIOD SERVICES | 55,510.00 | 0.00 | | 0.00 | 9,936.00 | 65,446.00 | 404 |
| | | (sum of above): | 55,510.00 | | | | |
| RESIDENT ENGINEER | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0 |
| | | (sum of above): | 0.00 | | | | |
| DESIGN ASSIST | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0 |
| | | (sum of above): | 0.00 | | | | |
| BECx DESIGN PHASE | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0 |
| | | (sum of above): | 0.00 | | | | |
| BECx CONSTRUCTION PHASE | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0 |
| | | (sum of above): | 0.00 | | | | |
| BECx POST-CONSTRUCTION PHASE | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0 |
| | | (sum of above): | 0.00 | | | | |
| TESTING | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0 |
| | | (sum of above): | 0.00 | | | | |
| CLOSE-OUT | 3,740.00 | 0.00 | | 0.00 | 0.00 | 3,740.00 | 30 |
| | | (sum of above): | 3,740.00 | | | | |
| TOTAL PROJECT FEE | 140,490.00 | 0.00 | | 0.00 | 36,547.00 | 177,037.00 | 1100.5 |
| | | (sum of above): | 140,490.00 | | | | |

Travel Information (modify as needed)

| | |
|-----------|------------------------|
| 100.00 | Mileage, Round Trip |
| \$ 10.00 | Tolls, Round Trip |
| \$ - | Parking, per visit |
| \$ - | Lodging per night |
| \$ 0.55 | Mileage Reimbursement |
| \$ 25.00 | Per Diem |
| \$ 400.00 | Air Flight; Round Trip |
| \$ 200.00 | Car Rental |

Hazardous Testing (modify as needed)

| | |
|----------|-----------------------------------|
| \$ 24.00 | Asbestos Testing |
| \$ 15.00 | Lead Testing |
| \$ - | Other Testing (enter as required) |
| \$ 35.00 | Shipping Rates |

January 2019 Rates

| Principal | Senior Associate | Associate | Sr. Project Mgr. / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng/ Designer / Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Designer | Sr. Technician / CAD Designer | N/A | Technician / CAD Drafter | Admin. Professional | Clerk / Word Proc. / Admin. Assist. |
|-----------|------------------|-----------|------------------------------|-----------------|----------------------------|-------------|--------------------------------------|---------------------|---------------------------|-----------------------|-------------------------------|------|--------------------------|---------------------|-------------------------------------|
| 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 0.00 | 110.00 | 100.00 | 90.00 |
| JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | | TBD | SAR | ACC |

Estimates for Construction Period Services are GALE's "best estimate" based on the scope of services to be provided, utilizing a _____ (____) day construction window. As you know, construction progress and project completion depends on the Contractor's quality of work and staffing on the project. Billing will reflect the actual time spent by GALE personnel on the project. Total project fee may vary depending on Contractor's personnel and Contractor performance on the project. We anticipate that this proposal meets your requirements.

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 EVALUATION

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total Hours | Total Fee |
|---|-----------|------------------|-----------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|-------------|------------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | | | |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. Project Initiation | | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 4.0 | |
| | 0.00 | 215.00 | 0.00 | 180.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 200.00 | 0.00 | | 595.00 |
| 2. Field Evaluation (Review & Measure Detail Conditions for Design) | | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 0.0 | 12.0 | 0.0 | 0.0 | 0.0 | 26.0 | |
| | 0.00 | 0.00 | 0.00 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,680.00 | 0.00 | 1,440.00 | 0.00 | 0.00 | 0.00 | | 3,480.00 |
| 3. Infrared Scan (2-nights) & update report | | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.0 | 0.0 | 16.0 | 0.0 | 0.0 | 2.0 | 36.0 | |
| | 0.00 | 0.00 | 0.00 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,240.00 | 0.00 | 1,920.00 | 0.00 | 0.00 | 180.00 | | 4,700.00 |
| 4. Prepare IR Report | | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 0.0 | 8.0 | 0.0 | 0.0 | 2.0 | 18.0 | |
| | 0.00 | 0.00 | 0.00 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 840.00 | 0.00 | 960.00 | 0.00 | 0.00 | 180.00 | | 2,340.00 |
| 5. IR Report Review Meeting | | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 2.5 | |
| | 0.00 | 0.00 | 0.00 | 180.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 140.00 | 0.00 | 0.00 | 0.00 | 0.00 | 45.00 | | 365.00 |
| 6 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 7 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 8 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 9 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 10 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 11 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 12 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| TOTAL HOURS | 0.0 | 1.0 | 0.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.0 | 0.0 | 36.0 | 0.0 | 2.0 | 4.5 | 86.5 | |
| TOTAL LABOR COST - EVALUATION | 0 | 215 | 0 | 1440 | 0 | 0 | 0 | 0 | 0 | 4900 | 0 | 4320 | 0 | 200 | 405 | | 11,480.00 |

Reimbursables for the below Phase:

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

EVALUATION

| | | | | | | Price Per Unit | Total | |
|--|------------------------------|---------------|-------------------|-------------------|--------------------|----------------|-----------------------|------|
| Miscellaneous Expenses | | | | | | | | |
| Sampling | | | | | | | | |
| | Core Samples | | | | per sample: | \$0.00 | 0.00 | |
| | Deck Assessment Cuts (add'l) | | | | per cut: | \$0.00 | 0.00 | |
| Testing by Gale | | | | | | | | |
| | Asbestos Testing | | | # of samples | per sample: | \$24.00 | 0.00 | |
| | Lead Testing | | 0 | # of samples | per sample: | \$15.00 | 0.00 | |
| | Other | | | # of samples | per sample: | \$0.00 | 0.00 | |
| Travel | | | | | | | | |
| | 0 | Trips @ | 100.00 | Miles, Round Trip | | 0.55 | 0.00 | |
| | 0 | Trips @ | 10 | Tolls, Round Trip | | | 0.00 | |
| | 0 | Trips @ | 0 | Parking | | | 0.00 | |
| | 0 | Nights @ | 0 | Night | | | 0.00 | |
| | 0 | # of days | 25 | Night | | | 0.00 | |
| | 0 | # of trips | 400 | round trip | | | 0.00 | |
| | 0 | # of vehicles | 200 | rental for week | | | 0.00 | |
| Reprographics | | | | | | | | |
| Report Submission | | | | | | | | |
| | 100 Pages | | 0 | Copies @ | | 0.10 | 0.00 | |
| | 12 Sheets | | 0 | Copies @ | | 1.08 | 0.00 | |
| | Mylar Sheets | | | Copies @ | | 21.00 | 0.00 | |
| | Renderings | | | Copies @ | | 15.00 | 0.00 | |
| | Shipping | | 0 | Packages | | 35.00 | 0.00 | |
| SUB-TOTAL EXPENSE COST | | | | | | | 0.00 | |
| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | | | | | | |
| | Rofer; # of days = | 0.0 | at a day rate of: | \$1,100 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| | Glazer; # of days = | 0.0 | at a day rate of: | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| | Mason; # of days = | 0.0 | at a day rate of: | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| | Specialist; # of days = | 0.0 | at a day rate of: | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | | | 0.00 | |
| Consultants - Reference if estimated, or if a proposal has been provided. | | | | | | | | |
| | Cost Estimator | \$ | - | - fee | | | 0.00 | |
| | MEP | \$ | - | - fee | | | 0.00 | |
| | Hazardous Material | \$ | - | - fee | | | 0.00 | |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | | | | | 0.00 | |

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 DESIGN - 60%

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total Hours | Total Fee |
|--|-------------|------------------|-------------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|--------------|------------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | | |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. 60% Design Documents | 0.0 0.00 | 10.0 2,150.00 | 0.0 0.00 | 32.0 5,760.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 40.0 5,600.00 | 0.0 0.00 | 0.0 0.00 | 104.0 11,440.00 | 0.0 0.00 | 6.0 540.00 | 192.0 | 25,490.00 |
| 2. 60% Design Review Meeting and minutes | | 4.0 860.00 | 0.0 0.00 | 4.0 720.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 1.0 90.00 | 9.0 | 1,670.00 |
| 3 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 4 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 5 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 6 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 7 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 8 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 9 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 10 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| TOTAL HOURS | 0.0 | 14.0 | 0.0 | 36.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 | 0.0 | 0.0 | 104.0 | 0.0 | 7.0 | 201.0 | |
| TOTAL COST - DESIGN | 0 | 3010 | 0 | 6480 | 0 | 0 | 0 | 0 | 0 | 5600 | 0 | 0 | 11440 | 0 | 630 | | 27,160.00 |

Reimbursables for the below Phase:

DESIGN - 60%

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

| | | | | Price Per | Total |
|-------------------------------|-----|---------------|--------------------------|-------------|---------|
| Miscellaneous Expenses | | | | Unit | |
| Sampling | | | | | |
| Core Samples | | | | per sample: | \$0.00 |
| Deck Assessment Cuts (add'l) | | | | per cut: | \$0.00 |
| Testing by Gale | | | | | |
| Asbestos Testing | | | # of samples | per sample: | \$24.00 |
| Lead Testing | | | # of samples | per sample: | \$15.00 |
| Other | | | # of samples | per sample: | \$0.00 |
| Travel | | | | | |
| | 0 | Trips @ | 100.00 Miles, Round Trip | | 0.55 |
| | 0 | Trips @ | 10 Tolls, Round Trip | | |
| | 0 | Trips @ | 0 Parking | | |
| Lodging | 0 | Nights @ | 0 Night | | |
| Per Diem | 0 | # of days | 25 Night | | |
| Flight | 0 | # of trips | 400 round trip | | |
| Car | 0 | # of vehicles | 200 rental for week | | |
| Reprographics | | | | | |
| Report Submission | | | | | |
| | 100 | Pages | 0 Copies @ | 0.10 | |
| | 12 | Sheets | 0 Copies @ | 1.08 | |
| | | Mylar Sheets | Copies @ | 21.00 | |
| | | Renderings | Copies @ | 15.00 | |
| | | Shipping | 0 Packages | 35.00 | |
| SUB-TOTAL EXPENSE COST | | | | | 0.00 |

| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | | | Total |
|---|-----|------------------|---------|---|-------|
| Roofer; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| Glazer; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| Mason; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| Specialist; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | 0.00 |

| Consultants - Reference if estimated, or if a proposal has been provided. | | | | Total |
|---|-------------|-------|--|----------|
| Cost Estimator | \$ - | - fee | | 0.00 |
| MEP | \$ 7,600.00 | - fee | | 8,280.00 |
| Hazardous Material | \$ - | - fee | | 0.00 |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | | 8,280.00 |

\$ 1,242.00
 X15% Markup \$ **9,522.00**

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 DESIGN - 90%

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total Hours | Total Fee |
|--|-----------|------------------|-----------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|--------------|------------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | | |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. 90% Design Documents | | 20.0 | 0.0 | 32.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 | 0.0 | 0.0 | 88.0 | 0.0 | 16.0 | 196.0 | |
| | 0.00 | 4,300.00 | 0.00 | 5,760.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,440.00 | | 17,100.00 |
| 2. 90% Design Review Meeting and minutes | | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 10.0 | |
| | 0.00 | 860.00 | 0.00 | 720.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 180.00 | | 1,760.00 |
| 3 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 4 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 5 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 6 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 7 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 8 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 9 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 10 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| TOTAL HOURS | 0.0 | 24.0 | 0.0 | 36.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 | 0.0 | 0.0 | 88.0 | 0.0 | 18.0 | 206.0 | |
| TOTAL COST - DESIGN | 0 | 5160 | 0 | 6480 | 0 | 0 | 0 | 0 | 0 | 5600 | 0 | 0 | 9680 | 0 | 1620 | | 18,860.00 |

Reimbursables for the below Phase:

DESIGN - 90%

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

| Miscellaneous Expenses | | | | | | Price Per Unit | Total |
|-------------------------------|------------------------------|---------------|--------|-------------------|-------------|----------------|-------------|
| Sampling | | | | | | | |
| | Core Samples | | | | per sample: | \$0.00 | 0.00 |
| | Deck Assessment Cuts (add'l) | | | | per cut: | \$0.00 | 0.00 |
| Testing by Gale | | | | | | | |
| | Asbestos Testing | | | # of samples | per sample: | \$24.00 | 0.00 |
| | Lead Testing | | | # of samples | per sample: | \$15.00 | 0.00 |
| | Other | | | # of samples | per sample: | \$0.00 | 0.00 |
| Travel | | | | | | | |
| | 0 | Trips @ | 100.00 | Miles, Round Trip | | 0.55 | 0.00 |
| | 0 | Trips @ | 10 | Tolls, Round Trip | | | 0.00 |
| | 0 | Trips @ | 0 | Parking | | | 0.00 |
| | 0 | Nights @ | 0 | Night | | | 0.00 |
| | 0 | # of days | 25 | Night | | | 0.00 |
| | 0 | # of trips | 400 | round trip | | | 0.00 |
| | 0 | # of vehicles | 200 | rental for week | | | 0.00 |
| Reprographics | | | | | | | |
| Report Submission | | | | | | | |
| | 150 Pages | 0 Copies @ | | 0.10 | | | 0.00 |
| | 12 Sheets | 0 Copies @ | | 1.08 | | | 0.00 |
| | 12 Mylar Sheets | 0 Copies @ | | 21.00 | | | 0.00 |
| | | Renderings | | Copies @ | | 15.00 | 0.00 |
| | | Shipping | | 0 Packages | | 35.00 | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | | | 0.00 |

| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | | | | Total | |
|---|-----|------------------|---------|--------------------|------------|-----------------------|-------------|
| Roofer; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| Glazer; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| Mason; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| Specialist; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | | | 0.00 |

| Consultants - Reference if estimated, or if a proposal has been provided. | | | | | | Total | |
|---|--------------|-------|--|--|--|-------|------------------|
| Cost Estimator | \$ - | - fee | | | | | 0.00 |
| MEP | \$ 14,180.00 | - fee | | | | | 14,860.00 |
| Hazardous Material | \$ - | - fee | | | | | 0.00 |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | | | | | 14,860.00 |

\$ 2,229.00
 X15% Markup \$ 17,089.00

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 DESIGN - 100%

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total Hours | Total Fee |
|---|-----------|------------------|-----------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|--------------|------------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | | |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. 100% Design Documents | | 8.0 | 0.0 | 24.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.0 | 0.0 | 0.0 | 48.0 | 0.0 | 16.0 | 128.0 | |
| | 0.00 | 1,720.00 | 0.00 | 4,320.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,480.00 | 0.00 | 0.00 | 5,280.00 | 0.00 | 1,440.00 | | 17,240.00 |
| 2. 100% Design Review Meeting | | 4.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 10.0 | |
| | 0.00 | 860.00 | 0.00 | 720.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 180.00 | | 1,760.00 |
| 3. Signed & Sealed Drawings Conformed Documents | | 2.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 6.0 | 16.0 | |
| | 0.00 | 430.00 | 0.00 | 720.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 440.00 | 0.00 | 540.00 | | 2,130.00 |
| 4 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 5 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 6 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 7 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 8 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 9 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| 10 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| TOTAL HOURS | 0.0 | 14.0 | 0.0 | 32.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.0 | 0.0 | 0.0 | 52.0 | 0.0 | 24.0 | 154.0 | |
| TOTAL COST - DESIGN | 0 | 3010 | 0 | 5760 | 0 | 0 | 0 | 0 | 0 | 4480 | 0 | 0 | 5720 | 0 | 2160 | | 21,130.00 |

Reimbursables for the below Phase:

DESIGN - 100%

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

| | | | | | Price Per | Total |
|--|------------------------------|---------------|------------------|-------------------|---|-------------|
| | | | | | Unit | |
| Miscellaneous Expenses | | | | | | |
| Sampling | | | | | | |
| | Core Samples | _____ | | per sample: | \$0.00 | 0.00 |
| | Deck Assessment Cuts (add'l) | _____ | | per cut: | \$0.00 | 0.00 |
| Testing by Gale | | | | | | |
| | Asbestos Testing | _____ | # of samples | per sample: | \$24.00 | 0.00 |
| | Lead Testing | _____ | # of samples | per sample: | \$15.00 | 0.00 |
| | Other | _____ | # of samples | per sample: | \$0.00 | 0.00 |
| Travel | | | | | | |
| | 0 | Trips @ | 100.00 | Miles, Round Trip | 0.55 | 0.00 |
| | 0 | Trips @ | 10 | Tolls, Round Trip | | 0.00 |
| | 0 | Trips @ | 0 | Parking | | 0.00 |
| | 0 | Nights @ | 0 | Night | | 0.00 |
| | 0 | # of days | 25 | Night | | 0.00 |
| | 0 | # of trips | 400 | round trip | | 0.00 |
| | 0 | # of vehicles | 200 | rental for week | | 0.00 |
| Reprographics | | | | | | |
| Report Submission | | | | | | |
| | 0 | Pages | 0 | Copies @ | 0.10 | 0.00 |
| | 0 | Sheets | 0 | Copies @ | 1.08 | 0.00 |
| | | Mylar Sheets | | Copies @ | 21.00 | 0.00 |
| | | Renderings | | Copies @ | 15.00 | 0.00 |
| | | Shipping | 0 | Packages | 35.00 | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | | 0.00 |
| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | | | | |
| | Roofer; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| | Glazer; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| | Mason; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| | Specialist; # of days = | 0.0 | at a day rate of | \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | | 0.00 |
| Consultants - Reference if estimated, or if a proposal has been provided. | | | | | | |
| | Cost Estimator | \$ - | - fee | | | 0.00 |
| | MEP | \$ - | - fee | | | 0.00 |
| | Hazardous Material | \$ - | - fee | | | 0.00 |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | | | | 0.00 |

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 BID PERIOD SERVICES

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total Hours | Total Fee |
|--|-------------|------------------|-------------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|-------------|-----------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | | |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. Attend Pre-Bid Meeting | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 6.0 840.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 2.0 180.00 | 8.0 | 1,020.00 |
| 2. Clarification of Contract Documents - Addenda | | 0.0 0.00 | 0.0 0.00 | 2.0 360.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 4.0 560.00 | 0.0 0.00 | 0.0 0.00 | 2.0 220.00 | 0.0 0.00 | 0.0 0.00 | 8.0 | 1,140.00 |
| 3. Reivew Bis and provide Opinion/ Summary | | 0.0 0.00 | 0.0 0.00 | 2.0 360.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 1.0 90.00 | 3.0 | 450.00 |
| 4 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 5 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 6 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 7 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 8 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 9 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| TOTAL HOURS | 0.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 0.0 | 0.0 | 2.0 | 0.0 | 3.0 | 19.0 | |
| TOTAL COST -BID PERIOD SERVICES | 0 | 0 | 0 | 720 | 0 | 0 | 0 | 0 | 0 | 1400 | 0 | 0 | 220 | 0 | 270 | | 2,610.00 |

Reimbursables for the below Phase:

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

BID PERIOD SERVICES

| | | | | | | Price Per | |
|--|------------------------------|---------------|---------------|-------------------|--------------------|------------|-----------------------|
| | | | | | | Unit | Total |
| Miscellaneous Expenses | | | | | | | |
| Sampling | | | | | | | |
| | Core Samples | | | | per sample: | \$0.00 | 0.00 |
| | Deck Assessment Cuts (add'l) | | | | per cut: | \$0.00 | 0.00 |
| Testing by Gale | | | | | | | |
| | Asbestos Testing | | | # of samples | per sample: | \$24.00 | 0.00 |
| | Lead Testing | | | # of samples | per sample: | \$15.00 | 0.00 |
| | Other | | | # of samples | per sample: | \$0.00 | 0.00 |
| Travel | | | | | | | |
| | 0 | Trips @ | 100.00 | Miles, Round Trip | | 0.55 | 0.00 |
| | 0 | Trips @ | 10 | Tolls, Round Trip | | | 0.00 |
| | 0 | Trips @ | 0 | Parking | | | 0.00 |
| | 0 | Nights @ | 0 | Night | | | 0.00 |
| | 0 | # of days | 25 | Night | | | 0.00 |
| | 0 | # of trips | 400 | round trip | | | 0.00 |
| | 0 | # of vehicles | 200 | rental for week | | | 0.00 |
| Reprographics | | | | | | | |
| | 0 | Pages | 0 | Copies @ | 0.10 | | 0.00 |
| | 0 | Sheets | 0 | Copies @ | 1.08 | | 0.00 |
| | | Mylar Sheets | | Copies @ | 21.00 | | 0.00 |
| | | Renderings | | Copies @ | 15.00 | | 0.00 |
| | | Shipping | 0 | Packages | 35.00 | | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | | | | 0.00 |
| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | | | | | |
| | Roofer; # of days = | 0.0 | at a day rate | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. |
| | Glazer; # of days = | 0.0 | at a day rate | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. |
| | Mason; # of days = | 0.0 | at a day rate | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. |
| | Specialist; # of days = | 0.0 | at a day rate | \$2,500 | if lift is needed: | 0 Days at: | \$1,200 for the lift. |
| SUB-TOTAL EXPENSE COST | | | | | | | 0.00 |
| Consultants - Reference if estimated, or if a proposal has been provided. | | | | | | | |
| | Cost Estimator | \$ | - | - fee | | | 0.00 |
| | MEP | \$ | - | - fee | | | 0.00 |
| | Hazardous Material | \$ | - | - fee | | | 0.00 |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | | | | | 0.00 |

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 CONSTRUCTION PERIOD SERVICES

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total Hours | Total Fee |
|---|-----------|------------------|-----------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|--------------|------------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | | |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. Project Initiation | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.0 | 9.0 | 1,330.00 |
| | 0.00 | 0.00 | 400.00 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 280.00 | 0.00 | 0.00 | 0.00 | 200.00 | 90.00 | | |
| 2. Review Shop Drawings and Submittals | | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 18.0 | 2,560.00 |
| | 0.00 | 0.00 | 0.00 | 1,080.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 360.00 | | |
| 3. Preconstruction Conference (includes minutes) | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 12.0 | 1,560.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 840.00 | 0.00 | 720.00 | 0.00 | 0.00 | 0.00 | | |
| 4. On-Site Daily Inspection and Report (28 visits) | | 0.0 | 0.0 | 40.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 184.0 | 0.0 | 0.0 | 20.0 | 244.0 | 31,080.00 |
| | 0.00 | 0.00 | 0.00 | 7,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22,080.00 | 0.00 | 0.00 | 1,800.00 | | |
| 5. Progress Meetings based on 8 meetings | | 0.0 | 8.0 | 48.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 66.0 | 11,140.00 |
| | 0.00 | 0.00 | 1,600.00 | 8,640.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 900.00 | | |
| 6. Review Payment Requests, Technical Questions, Etc. | | 0.0 | 2.0 | 16.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 26.0 | 4,000.00 |
| | 0.00 | 0.00 | 400.00 | 2,880.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 720.00 | | |
| 7. Substantial Completion | | 0.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 0.0 | 0.0 | 2.0 | 16.0 | 2,140.00 |
| | 0.00 | 0.00 | 400.00 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 180.00 | | |
| 8. Final Completion | | 0.0 | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 0.0 | 0.0 | 2.0 | 13.0 | 1,700.00 |
| | 0.00 | 0.00 | 200.00 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 960.00 | 0.00 | 0.00 | 180.00 | | |
| 9 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 10 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| TOTAL HOURS | 0.0 | 0.0 | 15.0 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.0 | 0.0 | 208.0 | 0.0 | 2.0 | 47.0 | 404.0 | |
| TOTAL COST - CONSTRUCTION PERIOD | 0 | 0 | 3000 | 20880 | 0 | 0 | 0 | 0 | 0 | 2240 | 0 | 24960 | 0 | 200 | 4230 | | 55,510.00 |

Reimbursables for the below Phase:

CONSTRUCTION PERIOD SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

| | | Price Per | Total |
|-------------------------------|--------------------------|---------------------|-------|
| | | Unit | |
| Miscellaneous Expenses | | | |
| Sampling | | | |
| Core Samples | | per sample: \$0.00 | 0.00 |
| Deck Assessment Cuts (add'l) | | per cut: \$0.00 | 0.00 |
| Testing by Gale | | | |
| Asbestos Testing | # of samples | per sample: \$24.00 | 0.00 |
| Lead Testing | # of samples | per sample: \$15.00 | 0.00 |
| Other | # of samples | per sample: \$0.00 | 0.00 |
| Travel | | | |
| 0 Trips @ | 100.00 Miles, Round Trip | 0.55 | 0.00 |
| 0 Trips @ | 10 Tolls, Round Trip | | 0.00 |
| 0 Trips @ | 0 Parking | | 0.00 |
| 0 Nights @ | 0 Night | | 0.00 |
| 0 # of days | 25 Night | | 0.00 |
| 0 # of trips | 400 round trip | | 0.00 |
| 0 # of vehicles | 200 rental for week | | 0.00 |
| Reprographics | | | |
| Report Submission | | | |
| 10 Pages | 0 Copies @ | 0.10 | 0.00 |
| 2 Sheets | 0 Copies @ | 1.08 | 0.00 |
| Mylar Sheets | Copies @ | 21.00 | 0.00 |
| Renderings | Copies @ | 15.00 | 0.00 |
| Shipping | 0 Packages | 35.00 | 0.00 |
| SUB-TOTAL EXPENSE COST | | | 0.00 |

| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | | Total | |
|--|-----------------------|---------|-------------------------------|-----------------------|------|
| Rofer; # of days = | 0.0 at a day rate of: | \$1,000 | if lift is needed: 0 Days at: | \$1,200 for the lift. | 0.00 |
| Glazer; # of days = | 0.0 at a day rate of: | \$2,500 | if lift is needed: 0 Days at: | \$1,200 for the lift. | 0.00 |
| Mason; # of days = | 0.0 at a day rate of: | \$2,500 | if lift is needed: 0 Days at: | \$1,200 for the lift. | 0.00 |
| Specialist; # of days = | 0.0 at a day rate of: | \$2,500 | if lift is needed: 0 Days at: | \$1,200 for the lift. | 0.00 |
| SUB-TOTAL EXPENSE COST | | | | 0.00 | |

| Consultants - Reference if estimated, or if a proposal has been provided. | | | Total |
|--|-------------|-------|----------|
| Cost Estimator | \$ - | - fee | 0.00 |
| MEP | \$ 7,900.00 | - fee | 8,640.00 |
| Hazardous Material | \$ - | - fee | 0.00 |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | 8,640.00 |

\$ 1,296.00
 X15% Markup \$ **9,936.00**

BUILDING ENVELOPE CONSULTING SERVICES

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

ENGINEERING SERVICES FEE ESTIMATE
 CLOSE-OUT

| Discipline | Principal | Senior Associate | Associate | Sr. Proj. Mgr / Sr. Struc | Project Manager | Senior Eng/ Arch / Planner | Drone Pilot | Proj. Eng / Designer Arch / Planner | Landscape Architect | Sr. Staff Eng. / Designer | Staff Eng. / Staff Designer | Sr. Technician / CAD Designer | Technician / CAD Drafter | Admin Professional | Clerk / Word Proc. / Admin. Assist. | Total | Total |
|---|-------------|------------------|-------------|---------------------------|-----------------|----------------------------|-------------|-------------------------------------|---------------------|---------------------------|-----------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------|-------------|-----------------|
| | 230.00 | 215.00 | 200.00 | 180.00 | 170.00 | 160.00 | 150.00 | 150.00 | 140.00 | 140.00 | 130.00 | 120.00 | 110.00 | 100.00 | 90.00 | Hours | Fee |
| Description of Services | JFL | TBR | TBD | ASC | TBD | TBD | TBD | TBD | TBD | AEA | EM | FKL/SGC | TBD | SAR | ACC | | |
| Hours/Cost | | | | | | | | | | | | | | | | | |
| 1. Final Close-Out Documents (Warranties, final pay applications, etc.) | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 4.0 720.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 2.0 180.00 | 6.0 | 900.00 |
| 2. As-Built Drawings | | 0.0 0.00 | 0.0 0.00 | 4.0 720.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 16.0 1,760.00 | 0.0 0.00 | 4.0 360.00 | 24.0 | 2,840.00 |
| 3 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 4 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 5 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 6 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 7 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 8 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| 9 | | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 0.00 | 0.0 | 0.00 |
| TOTAL HOURS | 0.0 | 0.0 | 0.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.0 | 0.0 | 6.0 | 30.0 | |
| TOTAL COST - CONSTRUCTION PERIOD SERVICES | 0 | 0 | 0 | 1440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1760 | 0 | 540 | | 3,740.00 |

PROJECT: Imperial Estates Elementary
 CLIENT: Brevard Public Schools
 DATE: December 9, 2010 (Revised 12/21/2021)

Reimbursables for the below Phase:

CLOSE-OUT

| | | Price Per Unit | Total |
|--|---|---|-------------|
| Miscellaneous Expenses | | | |
| Sampling | | | |
| | Core Samples | per sample: \$0.00 | 0.00 |
| | Deck Assessment Cuts (add'l) | per cut: \$0.00 | 0.00 |
| Testing by Gale | | | |
| | Asbestos Testing | # of samples per sample: \$24.00 | 0.00 |
| | Lead Testing | # of samples per sample: \$15.00 | 0.00 |
| | Other | # of samples per sample: \$0.00 | 0.00 |
| Travel | | | |
| | 0 Trips @ 100.00 Miles, Round Trip | 0.55 | 0.00 |
| | 0 Trips @ 10 Tolls, Round Trip | | 0.00 |
| | 0 Trips @ 0 Parking | | 0.00 |
| | 0 Nights @ 0 Night | | 0.00 |
| | 0 # of days 25 Night | | 0.00 |
| | 0 # of trips 400 round trip | | 0.00 |
| | 0 # of vehicles 200 rental for week | | 0.00 |
| Reprographics | | | |
| Report Submission | | | |
| | 100 Pages 0 Copies @ 0.10 | | 0.00 |
| | 12 Sheets 0 Copies @ 1.08 | | 0.00 |
| | Mylar Sheets Copies @ 21.00 | | 0.00 |
| | Renderings Copies @ 15.00 | | 0.00 |
| | Shipping 0 Packages 35.00 | | 0.00 |
| SUB-TOTAL EXPENSE COST | | | 0.00 |
| Reimbursable Expenses - Modify crew rates and lift day rates depending on size of crew/unit | | | |
| | Roofer; # of days = 0.0 at a day rate of: \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| | Glazer; # of days = 0.0 at a day rate of: \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| | Mason; # of days = 0.0 at a day rate of: \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| | Specialist; # of days = 0.0 at a day rate of: \$2,500 | if lift is needed: 0 Days at: \$1,200 for the lift. | 0.00 |
| SUB-TOTAL EXPENSE COST | | | 0.00 |
| Consultants - Reference if estimated, or if a proposal has been provided. | | | |
| | Cost Estimator \$ - - fee | | 0.00 |
| | MEP \$ - - fee | | 0.00 |
| | Hazardous Material \$ - - fee | | 0.00 |
| SUB-TOTAL CONSULTANT EXPENSE COST | | | 0.00 |



Cape Design Engineering Co.

775 E. Merritt Island Causeway - Suite 230
Merritt Island, FL 32952
Phone: 321.799.2970 | Fax: 321.799.0375 | www.cdeco.com

21-056-L136.1

December 13, 2021

TO: Tony Robinson
Gale Associates, Inc.
160 N. Westmonte Drive
Altamonte Springs, FL 32714

SUBJECT: REVISED Fee Proposal for Roof Replacement Design and Construction Services at Imperial Estates Elementary School, Located at 900 Imperial Estates Lane, Titusville, FL 32780

Dear Tony:

Cape Design Engineering Co. (CDE), a wholly owned subsidiary of 8-koi, is pleased to submit this fee proposal to provide Structural & MEP engineering services for the subject project. Our fee is based on your email of December 06, 2021 including the scope outline and preliminary roof evaluation report. This fee includes the following:

| Phase | |
|------------------------------|--------------------|
| Design Development Phase | \$8,280.00 |
| Construction Documents Phase | \$14,860.00 |
| Construction Support Phase | \$8,640.00 |
| Total | \$31,780.00 |

Scope of Work

1. Revisit the project site as needed for design.
2. Provide wind design for roofs, including roof zone diagrams, wind loads, etc. per current FBC.
3. Provide extensive repairs to existing steel framing on Building 9 (Courtyard Canopy).
4. Provide details or information for closing abandoned roof deck openings and securing rooftop equipment from wind forces.
5. Construction phase services which include the following: initial and follow-up reviews of contractor’s submittals and shop drawings, respond to RFI’s, (5) site visits, and review of close-out documents and as-builts.

Assumptions and Clarifications

1. Our fee includes three design submittals at 30%, 90% and 100% for construction.
2. Our fee includes one design review meeting held via teleconference
3. Our fee includes some interim coordination between CDE and GALE.
4. Our fee includes responding to contractor’s pre-bid questions, and produced Addenda as needed.
5. Specifications will be on the drawings.
6. Drawings will be prepared in AutoCAD and delivered as PDFs.
7. No civil/site design work including storm water and permitting.
8. CDE did not program any effort for construction cost estimating
9. Commissioning is not part of this effort.
10. All reproduction will be digital. No hard copies.
11. All submissions and distribution by others.
12. Effort does not include any efforts and time to appear in front of the School Board.

This fee is valid for 30 days. CDE will mobilize once a purchase order has been received indicating a notice to proceed and work toward a schedule mutually agreed upon.

We look forward to working with you. If you have any further questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Kube". The signature is fluid and cursive, with a long horizontal stroke at the end.

Rich Kube
VP Design Engineering

Attachments:

Fee Breakdown

Scoping document by Gale & Assoc.



ARCHITECT-ENGINEER

COST PROPOSAL

Project

Contract No.

Completion in Weeks

Imperial Estates
ES Roof
Replacement

8

A. DIRECT SALARY COSTS

| PROJECT PHASE | JOB TITLES | HOURS | HOURLY RATE | DOLLAR AMOUNT | SUB-TOTAL PER PHASE |
|-------------------------------------|-----------------------------|------------------------|-------------|---------------------------|---------------------|
| DESIGN DEVELOPMENT PHASE | Principal | 0 | \$140.00 | \$0.00 | |
| | Project Structural Engineer | 14 | \$120.00 | \$1,680.00 | |
| | Structural Engineer | 60 | \$110.00 | \$6,600.00 | |
| | CADD/Drafter | 0 | \$75.00 | \$0.00 | |
| | Administrative | 0 | \$50.00 | \$0.00 | |
| | | | | | \$8,280.00 |
| CONSTRUCTION DOCUMENTS PHASE | Principal | 0 | \$140.00 | \$0.00 | |
| | Project Structural Engineer | 18 | \$120.00 | \$2,160.00 | |
| | Structural Engineer | 60 | \$110.00 | \$6,600.00 | |
| | CADD/Drafter | 76 | \$75.00 | \$5,700.00 | |
| | Administrative | 8 | \$50.00 | \$400.00 | |
| | | | | | \$14,860.00 |
| CONSTRUCTION SUPPORT PHASE | Principal | 2 | \$140.00 | \$280.00 | |
| | Project Structural Engineer | 17 | \$120.00 | \$2,040.00 | |
| | Structural Engineer | 52 | \$110.00 | \$5,720.00 | |
| | CADD/Drafter | 0 | \$75.00 | \$0.00 | |
| | Administrative | 12 | \$50.00 | \$600.00 | |
| | | | | | \$8,640.00 |
| Total Pages | - | TOTAL MAN-HOURS | 319 | TOTAL SALARIES - A | \$31,780.00 |

B. CONSULTANTS (attach estimate)

| | | |
|------------------------------|--|--------|
| 1 | | |
| 2 | | |
| 3 | | |
| TOTAL CONSULTANTS - B | | \$0.00 |

C. OTHER DIRECT COSTS (attach estimates as necessary)

| | | |
|-------------------------------------|--------------------|--------|
| 1 | Reproduction Costs | \$0.00 |
| TOTAL OTHER DIRECT COSTS - C | | \$0.00 |

| COMPENSATION SCHEDULE FOR TOTAL COST | | TOTAL COSTS | |
|--------------------------------------|--------------------|---|----------|
| PHASE | DOLLAR AMT. | TOTAL COST TO BREVARD PUBLIC SCHOOLS | |
| DESIGN DEVELOPMENT PHASE | \$8,280.00 | | |
| CONSTRUCTION DOCUMENTS PHASE | \$14,860.00 | | |
| CONSTRUCTION SUPPORT PHASE | \$8,640.00 | | |
| SUB-TOTAL FEES: | \$31,780.00 | ARCHITECT-ENGINEER FIRM NAME & ADDRESS | |
| CONSULTANTS | \$0.00 | Cape Design Engineering Co. | |
| OTHER DIRECT COSTS | \$0.00 | 775 East Merritt Island Causeway, Suite 230 | |
| GRAND TOTAL FEES: | \$31,780.00 | Merritt Island, FL 32952 | |
| | | PREPARED AND APPROVED BY: (Signature/Title) | |
| | | Rich Kube, Design Engineering Manager/VP | |
| | | DATE: | 9-Dec-21 |

Per the 10/12/21 Preliminary Report Submission for Imperial Estates ES, the following options have been chosen (from Part 7.0 of the Report)

Building 1, 2, 3, 4

- Replace roofs

Building 5, 6, 7, 8

- Option 1 (repair roof, apply coating)

Building 9 (Courtyard Canopy)

- Option 1, repair roof and apply coating (Alternate for full roof replacement)
- Perform repairs to corroded/deteriorated structural steel framing

Building 10

- Provide Alternate for roof replacement

Design Phase Services

- Revisit the project site as needed to confirm design
- 30% Design Schematic Submission / 90% Submission / 100% Final Submission
- Allow for some interim coordination between CDE and GALE

Bid Phase Services

- Allow for responding to contractor's pre-bid questions, produce Addenda as needed

Construction Phase Services

- Review contractor's submittals & shop drawings (allow for initial review and one follow-up review).
- Respond to technical questions and RFI's during construction.
- Site visits: allow for up to **5 site visits** during construction phase.
- Review any related close-out documents and as-builts.

Structural Scope

- Provide wind design for roofs, include roof zone diagrams, wind loads, etc. per current FLBC
- Provide basic details or information for closing roof deck at abandoned openings.
- Provide details or information for securing rooftop equipment from wind forces (like exhaust stacks that may need guy wires, fan cowlings that might need to be strapped down, etc. and the tall lightning protection air termina/rod on Bldg 9 Courtyard Canopy).
- Provide for repairs to existing steel framing on Bldg 9 (Courtyard Canopy). These could be extensive, should anticipate revisiting site to investigate as needed.

Mechanical/Electrical Scope

- Remove existing HVAC mini split units and reinstall atop new support framing/stands (coordinate as needed with structural for attachment to structure).
- Replace rooftop gravity vents and associated roof curbs.
- Direction for removing and reinstalling rooftop equipment that will be re-used, to facilitate the roof replacement. (new roof curbs may be needed to accommodate the new roof system on Bldg 1,2,3,4.)
- Confirm the existing tall lightning protection air terminal (rod) on Bldg 9 Courtyard Canopy is sufficient protection, provide additional protection if needed.

Plumbing Scope

- Relocate or reroute plumbing vent pipes away from the courtyard canopy overhangs as needed.