December 23, 2019

PROJECT NAME: Jerry J. Esmond Juvenile Justice Center Roof Replacement

SOLICITATION NO: B201022

RE: ADDENDUM #1

To All Prospective Bidders:

The following information is being provided to aid in preparation of your bid submittal(s)

Amended Timeline:

- **Pre-Bid Conference:** Tuesday, January 14, 2020 @ 10:00 a.m.
  Galveston County Courthouse, 722 Moody (21st St.)
  Purchasing Department, 5th Floor
  Galveston, TX 77550

- **Question Deadline:** Tuesday, January 21, 2020 by 5:00 p.m.

- **Bid Opening** Thursday, February 6, 2020 at 2:00 p.m.

As a reminder, all questions regarding this bid must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
E-mail: purchasing.bids@co.galveston.tx.us

If you have any further questions regarding this bid, please address them to Rufus Crowder, CPPO CPPB, Purchasing Agent, via e-mail at purchasing.bids@co.galveston.tx.us, or contact the Purchasing Department at (409) 770-5371.

Please excuse us for any inconvenience that this may have caused.

Sincerely,

Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County
January 7, 2020

PROJECT NAME: Jerry J. Esmond Juvenile Justice Center Roof Replacement

SOLICITATION NO: ITB #B201022

RE: ADDENDUM #2

To All Prospective Bidders:

The following information is being provided to aid in preparation of your bid submittal(s).

*The solicitation timeline has been amended as follows:*

**Amended Timeline:**

- **Pre-Bid Conference:** Tuesday, January 21, 2020 @ 10:00 a.m.
  Galveston County Courthouse, 722 Moody (21st Street)
  Purchasing Department, 5th Floor
  Galveston, TX 77550

- **Question Deadline:** Tuesday, January 28, 2020 by 5:00 p.m.

- **Bid Opening** Thursday, February 13, 2020 at 2:00 p.m.

As a reminder, all questions regarding this bid must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
E-mail: purchasing.bids@co.galveston.tx.us

If you have any further questions regarding this bid, please address them to Rufus Crowder, CPPO CPPB, Purchasing Agent, via e-mail at purchasing.bids@co.galveston.tx.us, or contact the Purchasing Department at (409) 770-5371.

Please excuse us for any inconvenience that this may have caused.

Sincerely,

Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County
January 10, 2020

PROJECT NAME: Jerry J. Esmond Juvenile Justice Center Roof Replacement

SOLICITATION NO: ITB #B201022

RE: ADDENDUM #3

To All Prospective Bidders:

The following information is being provided to aid in preparation of your bid submittal(s):

**Amended Pre-Bid Conference Location:**

- **Pre-Bid Conference:** Tuesday, January 21, 2020 @ 10:00 a.m.
  Jerry J. Esmond Juvenile Justice Center,
  6101 Attwater, Texas City, TX 77590

- **Question Deadline:** Tuesday, January 28, 2020 by 5:00 p.m.

- **Bid Opening** Thursday, February 13, 2020 at 2:00 p.m.

As a reminder, all questions regarding this bid must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
E-mail: purchasing.bids@co.galveston.tx.us

If you have any further questions regarding this bid, please address them to Rufus Crowder, CPPO CPPB,
Purchasing Agent, via e-mail at purchasing.bids@co.galveston.tx.us, or contact the Purchasing Department at (409) 770-5371.

Please excuse us for any inconvenience that this may have caused.

Sincerely,

Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County
January 29, 2019

PROJECT NAME: Jerry J. Esmond Juvenile Justice Center Roof Replacement

SOLICITATION NO: B201022

RE: ADDENDUM #4

To All Prospective Proposers:

The following information is being provided to aid in preparation of your proposal submittal(s)

Attachments:
Attached you will find the ASCE 7-10 Wind Uplift Pressures Engineering documents.

Additional Site Visit Schedule:

- Site Visit
  
  Friday, January 31, 2020
  Time: 10:30 a.m.
  Jerry J. Esmond Juvenile Justice Center
  6101 Attwater, Texas City, TX 77590

  **Question #1:** Should the contractors figure lighting protection system re-certification into their bids?
  Response: Yes.

  **Question #2:** In the sealant work, is the tilt-wall to slab joint to be included?
  Response: Yes.

  **Question #3:** Are existing roof drains to be reused and painted?
  Response: Yes.
**Question #4:** Will existing roof drains be replaced with new retrofit roof drains?

**Response:** No.

**Question #5:** If retrofit roof drains are required, please provide manufacturer and product specifications.

**Response:** Retrofit Roof Drains are not required.

**Question #6:** Base flashings are required to cure 30-days before applying reflective coating. This could potentially delay retention payment 60-90 days. How does Galveston County propose to address retention due if this timeframe does not fall within completion date of overall roof system?

**Response:** The cure time for base flashings in this climate 7-10 days, the Roofing Manufacturer will issue a letter for clarification.

**Question #7:** Can a set of exterior elevations be provided for accurate pricing of joint sealants and alternate scope of work?

**Response:** Exterior elevations are not available, however, an additional jobsite walk through is scheduled in this addendum.

**Question #8:** There are two different details of coping cap that are drastically different in price please confirm coping detail. Will coping cap; in detail 1/R-2 be applicable to the all parapet wall coping?

**Response:** Yes. Contractor shall be responsible for ANSI/SRI ES-1 compliance.

**Question #9:** Has asbestos survey been conducted?

**Response:** No, it is assumed due to the age of the roof/facility that asbestos felts are not present.

**Question #10:** Was asbestos present in asbestos survey?

**Response:** Please refer to the response for Question #9.

**Question #11:** If asbestos is present in asbestos survey, please specify what contractor's responsibilities are related to asbestos?

**Response:** This shall be treated as a turn-key project, contractor will be given a change-order for abatement.
Question #12: Please clarify if new can’t strips will be perlite or treated wood.

Response: Perlite.

Question #13: The specifications reference site specific safety training, will third party site specific safety plan be required?

Response: No. Please disregard this request.

Question #14: Please specify in detail any site specific safety training requirements.

Response: Please see response to Question #13.

As a reminder, all questions regarding this bid must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
E-mail: purchasing.bids@co.galveston.tx.us

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Please excuse us for any inconvenience that this may have caused.

Sincerely,

Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County
### Low Slope Roofing Wind Uplift Calculations

**Project**  
Galveston County

**Roof**  
Entire Roof

**Sales Rep.**  
Garrett Mock

**Location**  
Texas City, TX

<table>
<thead>
<tr>
<th>Zone 1 psf (mid roof)</th>
<th>Zone 2 psf (eaves, ridge, hip)</th>
<th>Zone 3 psf (corners)</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.5</td>
<td>57.9</td>
<td>87.1</td>
</tr>
</tbody>
</table>

Edge Zone Width "a"  
- 8 ft.  
- 10 in.

- Fastener Safety Factor: 3.00
- Importance: IV
- Importance Factor: 1
- Wind Speed (mph): 156
- Design Methodology: ASCE 7-10
- Exposure Category: C
- Design Roof: 22.00
- Minimum Building Width: 160.00
- Roof Pitch (X, Y): 0.25 : 12
**Building & Site Data**

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<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>BASIC WIND SPEED</td>
<td>156 mph</td>
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<tr>
<td>EXPOSURE CATEGORY</td>
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<tr>
<td>TOPOGRAPHY FACTOR</td>
<td>1.00</td>
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<tr>
<td>BUILDING TYPE</td>
<td>Enclosed</td>
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<tr>
<td>ROOF PITCH (X, Y)</td>
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<tr>
<td>RUN TO RIDGE</td>
<td>80</td>
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<tr>
<td>EAVE HEIGHT</td>
<td>22</td>
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<tr>
<td>DESIGN ROOF HEIGHT</td>
<td>22.00 ft</td>
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<tr>
<td>IMPORTANCE CLASS / FACTOR</td>
<td>IV 1</td>
</tr>
<tr>
<td>MIN. BLDG WIDTH</td>
<td>160 ft</td>
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<tr>
<td>WIND-BORNE DEBRIS REGION</td>
<td>Yes</td>
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<tr>
<td>PARAPET</td>
<td>No</td>
</tr>
<tr>
<td>ROOF ANGLE</td>
<td>1.19 deg</td>
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<tr>
<td>PROTECTED OPENINGS</td>
<td>Yes</td>
</tr>
<tr>
<td>ROOF TYPE</td>
<td>Gable</td>
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**Roof Pressure (psf)**

<table>
<thead>
<tr>
<th>Zone</th>
<th>Zone 2</th>
<th>Zone 3</th>
<th>Zone 4</th>
<th>Zone 5</th>
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<tbody>
<tr>
<td>34.5</td>
<td>57.9</td>
<td>87.1</td>
<td>34.2</td>
<td>42.1</td>
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<tr>
<td>49.70</td>
<td>49.70</td>
<td>81.86</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.80 ft</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Edge Zone Width**

- Edge Zone Width 
- **a** = 8.80 ft
BASIC 6X6 FASTENING PATTERN
WITH 4 CENTER ROWS

EQUITLY SPACED