

October 13, 2015

This Addendum to the Invitation for Bids (IFB) serves to notify all interested bidders of clarifications and/or changes to IFB No. B15003 General Contractor for Firebaugh Multifamily Apartments, and becomes part of this IFB. Contractors are required to acknowledge receipt of this addendum in their proposal. If not acknowledged, Contractor's proposal may be considered "non-responsive."

- **The Bid Due Date has been extended to Friday, October 16, 2015 at 4:00 PM.**
- **Attachment 7.0 to the IFB, Sample Contract indicates in Article V: COMMENCEMENT OF WORK AND SUBSTANTIAL COMPLETION that Contractor shall pay Owner damages in the agreed amount of one-thousand dollars (\$1000.00) per calendar day, while Attachment 7.1, Special Conditions of the Contract indicates damages to be five-hundred dollars (\$500) per calendar day. The higher amount of one-thousand dollars (\$1000.00) per day shall govern.**
- **The following Requests For Information, Clarifications, and/or Questions were submitted by the October 12, 2015 at 4:00 PM cutoff. Please see the Agency responses, and applicable attachments, to each question below.**
 - **Q1: We see the precast columns and emblems in the plans, and there is a note on Page 3.2 to see Page 6.X. Please advise where those details are located.**
 - *A1: The columns should be 2-piece GFRC tapered columns (similar to Tuscan Entasis columns by Ventura Stone) installed per manufacturer recommendations and the attached specification (Attachment 1.0 to Addendum #8) Section 03490 (see attached catalog page from Ventura Stone, Attachment 1.1 to Addendum #8). The quatrefoils detailed at 17 & 18 on Sheet A6.10 shall also be GFRC pre-fabricated products to match Ventura Stone GFRC Q50 or similar. See attached catalog page from Ventura Stone (Attachment 1.2 to Addendum #8).*
 - **Q2: There are several fixtures in the fixture schedule that do not meet Title 24 requirements (e.g. AB, S1) but there is a note at the bottom that states that the lighting supplier is to coordinate dimmable fixture requirements with lighting plans. Should I stay with same brand/style but change to compliant fixture, should we simply quote as listed and sort it out later or will there be a revised specification for these fixtures?**
 - *A2: Bid as listed. Actual fixtures to be determined.*

- **Q3: The roof access door is not listed on the door schedule. Please provide the door type required at this location.**
- *A3: The roof access door is actually indicated as door D3 on Sheet A2.2.01. Also, doors D1, D2, and D3 listed in door schedules as 'H.M.' should have 'H.M.' frames in lieu of wood.*
- **Q4: On Page ES-2.0 of the plans there is a note that says "SOLAR DESIGN: ALTERNATE BID" and calls for the General Contractor to provide the Owner with an alternate bid for solar power. We can't find any place in the bid forms to provide a price for this alternate. Please advise how we should bid for this alternate or if the owner will amend the bid form or if the bidder should disregard that item.**
- *A4: Article 8, Quotation Schedule has been amended to allow for pricing of Alternate #1, Carport mounted solar for common area lighting, and Alternate #2, Building mounted solar for dwelling unit power. Each system is to be design/build as noted on Sheet ES-2.0 of the bid documents. Please use the attached Quotation Schedule in your tabbed Bid Submittal (Attachment 2.0 to Addendum #8).*
- **Q5: There is a conflict between the plumbing specifications and the plumbing notes. Specification Section #221116, part 2–Products lists several types of water piping. Part 3.3 Piping Schedule lists acceptable distribution piping types, Type L copper, Type M Copper, CPVC or PEX, etc. The Plumbing Notes on P0.0 indicate only Type L copper is acceptable in the building with a note (Plastic Piping not permitted). Please advise which governs? Specifications or notes?**
- *A5: The Specifications govern in this instance, plastic piping including PEX is acceptable for use on this project.*
- **Q6: There is a conflict between the Specifications and the Finish Specifications with regard to cabinets; Specification section #064023 part 2.3.G calls for Plastic Laminate Custom Grade (WIC style) cabinets. Finish Specifications on the Interior Finish Schedule sheet A7.03 call for Quality cabinets–Woodstar series in birch. Please advise which governs; Specifications or Finish Specifications.**
- *A6: The Finish Specifications on sheet A7.03 govern in this instance.*

- **Q7: The unit range and dryer specified are gas appliances—there is no gas on the project. Please provide the model number of the electric appliances you would like quoted. Also, the dishwasher model recommended (GLDA690FBB) for the ADA units and Bistro will not be E-star in 2016. We suggest revising this model to GLDT690DDBB which will be E-star compliant in 2016 and is ADA compliant as well.**
- *A7: Acceptable to use GLDT690DDBB for the dishwasher.*
- **Q8: Here are some suggestions for electric appliance models you may wish to use in lieu of the gas appliances specified. JBS10DFBB - 5.0 cu. ft. Free-Standing Electric Range JBS45DFBB - 5.0 cu. ft. Free-Standing Electric Range - ADA GFDN120EDWW - 7.0 cu. ft. Electric Dryer – ADA**
- *A8: Acceptable to use JBS10DFBB range for the non-accessible units, JBS45DFBB range for the accessible units and GFDN120EDWW for the dryer in all units.*

All other requirements of this IFB remain unchanged. Thank you for your interest in doing business with the Agency and we look forward to receiving a bid from your firm.

SECTION 03490

Glass Fiber Reinforced Concrete

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Glass fiber reinforced concrete fabrications as indicated on the drawings.

1.2 RELATED SECTIONS

- A. Section 04720 - Cast Stone.
- B. Section 05500 - Metal Fabrications: Supplementary supports for large items.
- C. Section 06100 - Rough Carpentry: Supplementary supports for large items.
- D. Section 06610 - Glass Fiber Reinforced Plastic Fabrications.
- E. Section 09235 - Glass Fiber Reinforced Gypsum Fabrications.
- F. Section 09900 - Paints and Coatings: Field painting and sealing prior to painting.

1.3 REFERENCES

- A. ASTM C 150 - Standard Specification for Portland Cement; 1999a.
- B. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 1999.
- C. ASTM G 23 - Standard Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials; 1996.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including dimensions, finishes, storage and handling requirements and recommendations, and installation recommendations.
- C. Shop Drawings: For custom items, provide drawings showing dimensions, layout, joints, details, and interface with adjacent work; include field measured dimensions of the spaces where items are to be installed, if critical to proper installation.
- D. Samples: For each custom finish specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Regularly engaged and experienced in the installation of glass fiber reinforced concrete or precast concrete units.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Transport, lift, and handle units with care, avoiding excessive stress and preventing damage; use appropriate equipment.
- B. Store products in manufacturer's unopened packaging until ready for installation, in a clean dry area protected from weather, moisture and damage; store units upright and not stacked unless permitted by manufacturer.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Stromberg Architectural Products Inc; PO Box 8036, I-30 West, 4400 Oneal, Greenville, TX 75404. ASD. Tel: (903) 454-0904. Fax: (903) 454-3642. Email: sales@strombergarchitectural.com. www.strombergarchitectural.com.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Glass Fiber Reinforced Concrete Fabrications: High density concrete made of ASTM C 150 Portland cement, crushed stone, silica sand, and polymers reinforced with continuous filament glass fiber mat and structural reinforcing as required; asbestos free.
 - 1. Color: As selected from manufacturer's selection.
 - 2. Color: To match Architect's sample.
 - 3. Density: 140 pcf (2240 kg/cu m).
 - 4. Shell Thickness: 3/8" to 3/4 inch (9.5 mm), nominal.
 - 5. Surface Burning Characteristics: Flame spread index of 0, smoke developed index of 5; when tested in accordance with ASTM E 84. Fuel contribution of 3.
 - 6. Weather Resistance: No significant loss in strength or change in appearance after 200 hours accelerated weathering conducted in accordance with ASTM G 23.
 - 7. Flexural Strength: 1000 to 1800 psi (6.9 to 12.4 MPa).
 - 8. Modulus of Elasticity: 1.4×10^6 to 2.9×10^6
 - 9. Compressive Strength: Over 5000 psi (34 MPa).
 - 10. Variation from Dimensions Indicated on Drawings: Plus and minus 1/8 inch (3 mm), maximum.
 - 11. Variation from Plane Along Edge or Surface: Plus and minus 1/16 inch per linear foot (1.5 mm in 300 mm), maximum.
 - 12. Outside Corner Radius: 1/16 inch to 1/8 inch (1.5 to 3 mm).
 - 13. Draft Angle: 3 degrees, minimum, on returns, setbacks, reveals, and grooves.
 - 14. Provide concealed anchorage points for plaster type wire anchors.
 - 15. Provide screwed or bolted anchors with reinforced holes through face of units.
 - 16. Provide anchors and reinforced anchoring points as indicated on drawings.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly constructed; verify that substrates are plumb and true.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Check field dimensions before beginning installation. If dimensions vary too much from

design dimensions for proper installation, notify Architect and wait for instructions before beginning installation.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Install supplementary temporary and permanent supports as required for proper installation.

3.3 INSTALLATION

- A. Install in accordance with applicable code and manufacturer's recommendations, plumb and true to line; shim where necessary.
- B. Provide control joints at not more than 35 feet (10.5 m) on center if not indicated on drawings.
- C. Provide expansion joints where moving joints in substrate occur.
- D. Patch exposed anchor points to match color and texture of unit.

3.4 PROTECTION

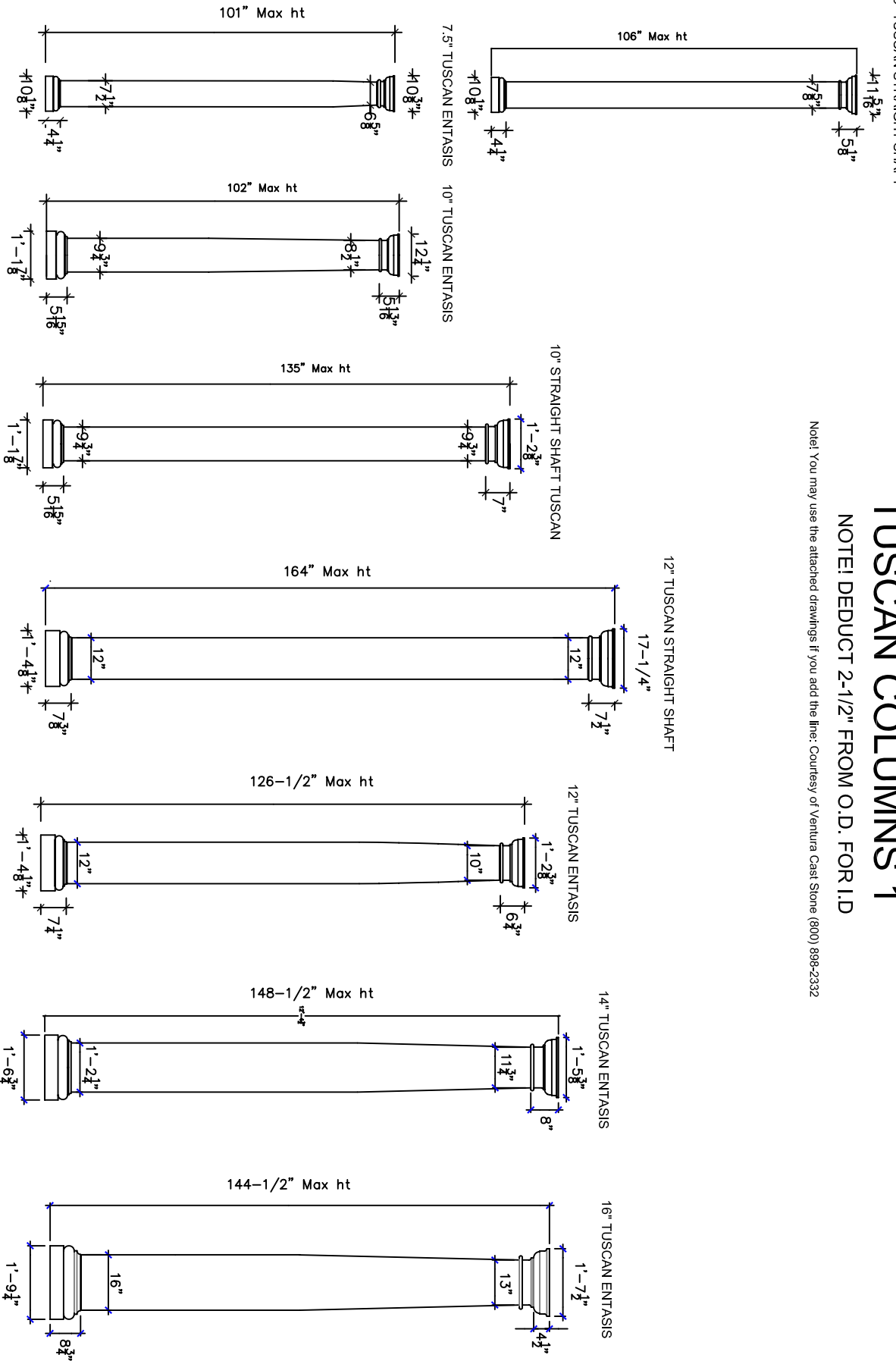
- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

TUSCAN COLUMNS 1

NOTE! DEDUCT 2-1/2" FROM O.D. FOR I.D

Note! You may use the attached drawings if you add the line: Courtesy of Ventura Cast Stone (800) 898-2332



ALL COLUMNS ARE HEIGHT ADJUSTABLE, AND CAN ALSO BE SEGMENTED
BASES AND CAPITALS ARE SQUARE

NOT TO SCALE

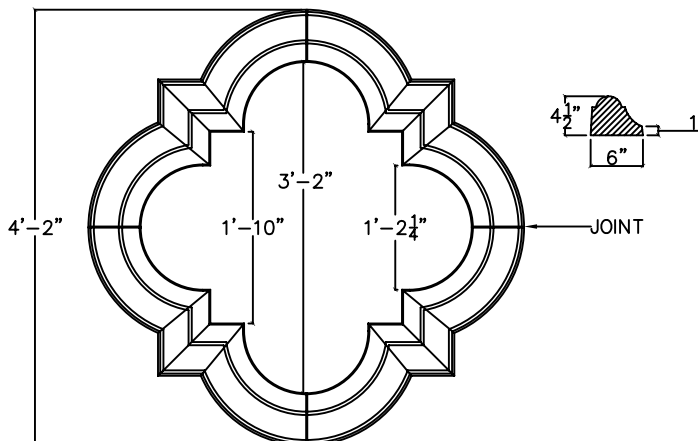
Ventura Cast Stone, Inc.
(805) 386-8185 (805) 386-0808 Fax: (805) 671-9371 (800) 898-2332
www.venturacaststone.com e-mail: mail@venturacaststone.com
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COLUMNS

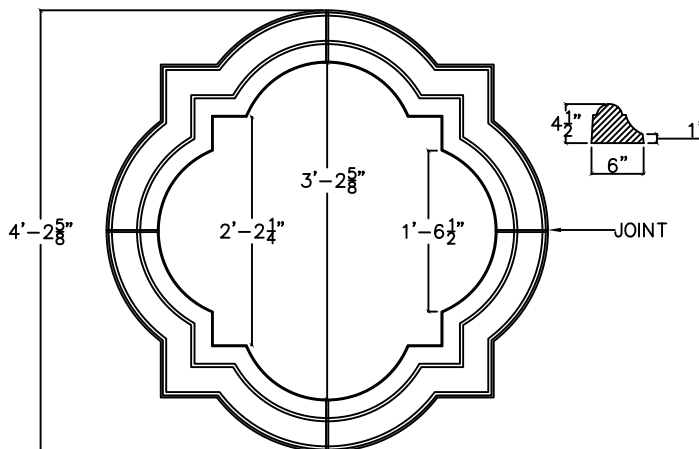
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09-30-05

QUATREFOIL WINDOW SURROUNDS

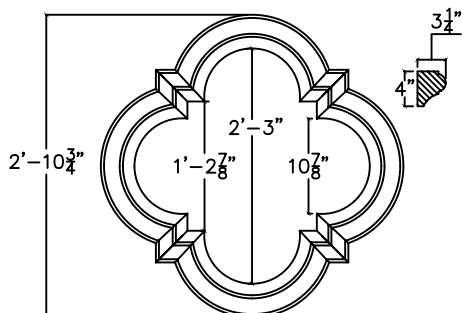
Q50
QUATREFOIL WINDOW



Q50A
QUATREFOIL WINDOW



Q35
QUATREFOIL WINDOW



NOT TO SCALE

Ventura Cast Stone, Inc.

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Drawn by: NG

03-03-04

Invitation for Bid No. B15003
General Contractor for Firebaugh Multifamily Apartments
Article 8 Quotation Schedule

Each bidder shall submit his/her quote—inclusive of all labor, profit, overhead, general requirements, equipment, materials, supplies, etc. necessary to complete the work— on this form only, which shall be completed and returned to the Agency.

Item No.	Description	Qty	U/M	TOTAL
1	TOTAL COST TO COMPLETE JOB AS SPECIFIED (without items 2 & 3)*	1	LS	\$
2	Alternate #1, Carport mounted solar for common area lighting**	1	LS	\$
3	Alternate #2, Building mounted solar for dwelling unit power**	1	LS	\$

*Award consideration shall only be given to Item No. 1.

**Bidder to quote Items No. 2 and 3 separately.

The undersigned bidder hereby quotes the above amounts to complete the required work. Further, by submitting this quote, the undersigned bidder agrees to abide by all terms and conditions listed within any document issued by the Agency pertaining to this issue.

Signature

Date

Printed Name

Company