TOWN OF YORKTOWN

WESTCHESTER COUNTY, NEW YORK

COURT HOUSE PLAZA REHABILATION

Capital Improvement Project #23-5

ADDENDUM NO. 2

TO ALL BIDDERS:

This addendum is issued this day in conformance with Part Two, Section 3.4 of the Instruction for Bidders, in the Contract Documents. The information contained in this Addendum supersedes, replaces, or supplements the Contract Documents and is made an integral part of the Contract. This Addendum must be attached to each bidder's contract and submitted along with his bid.

Now, herewith, all bidders shall take the following items into account when preparing their bid:

1. The bid proposal form has been revised and is included in this addendum.
2. A bid bond and performance bond are required.
3. The revised plans are attached and include the following revisions:
    a. The location and models of the outdoor lighting fixtures has been added to the plans.
    b. A detail for the work around the existing tunnel has been added.
    c. The scope of the curbing and sidewalk improvements has been clarified.
    d. Additional sidewalk, curbing, and bollards along the police station has been added to the plans and will be bid in the attached revised Bid Proposal Form.
    e. Stair detail has been revised to include thermal bluestone treads.
    f. The location of railings has been added to the plans.

PART ONE

BID PROPOSAL FORM (REVISED)

BIDDER'S OFFICIAL CORPORATE NAME (required, if bidder is a corporation):

_____

BIDDER'S D/B/A NAME (if any) _____

ITEM	DESCRIPTION	UNIT	EST. QTY	UNIT PRICE	EXT. PRICE
1	Mobilization/demobilization	LS	1		
2	Maintain Access	LS	1		
3	Remove and reset pavers	SF	4,070		
4	Concrete sidewalk	SF	1,012		
5	Concrete curbs	LF	216		
6	Concrete Stairs	LS	1		
7	6" Perf HDPE Pipe	LF	126		
8	6" Solid HDPE Pipe	LF	164		
9	Planter walls	LS	1		
10	Reface existing concrete wall	LS	1		
11	Misc. site work	LS	1		
12	Erosion control	LS	1		
13	Bollards	Each	7		
14	Railings	Each	6		
15	Miscellaneous work allowance	LS	1	$10,000	$10,000

TOTAL AMOUNT BID TOTAL AMOUNT BID _____

A1	Replace with new pavers	SF	4065		
A2	Additional Curb	LF	130		
A3	Additional Sidewalk	SF	615		
A4	Additional Bollards	Each	18		
A5	Substitute Detail 15 bluestone treads for all concrete stairs	LS	1		

Base Bid Dollar Amount: $ _____

Amount in words: _____

Alternate 1 $ _____

Amount in words: _____

The price(s) set forth above shall remain valid for one (1) year from the date of bid award.

PART TWO

Section 12. Performance And Payment Bond

12.1 A Performance and Payment bond is required. The "Bid Bond and Consent of Surety" form must be executed by the contractor's Surety Company and submitted to the Town.

PART THREE

Specifications

SECTION 04 43 13
STONE MASONRY
VENEER

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Thin stone masonry veneer set in mortar over an exterior substrate of cast-in- place concrete.

1.2 REFERENCES

A. American National Standards Institute (ANSI):

1. ANSI A108 – Specification for the Installation of Ceramic Tile.
2. ANSI A108.01 – General Requirements: Subsurfaces and Preparations by Other Trades.
3. ANSI A108.10 – Installation of Grout in Tilework.
4. ANSI A118.4 – American National Standard for Latex-Portland Cement Mortar.
5. ANSI A118.10 – Installation of Grout in Tilework.

B. ASTM International (ASTM):

1. ASTM C91 – Standard Test Method for Masonry Cement.
2. ASTM C847 – Standard Test Method for Metal Lath.

C. Masonry Standards Joint Committee (MSJC)

1. ACI 530.1/ASCE 6/TMS 602 – Specification for Masonry Structures; Cold and hot weather requirements for mortar and grout.

D. National Concrete Masonry Association (NCMA)

1. TEK 10-2B – Control Joints for Concrete Masonry Walls – Empirical Method.

1.3 SUBMITTALS

A. Product Data: For materials other than water and aggregates.

B. Samples of stone masonry units, pointing mortar color, and sealant colors.

1.4 QUALITY ASSURANCE

A. Mock-up:

1. Install mock-up using approved thin stone veneer including related accessories.

a. Mock-up size: 10 feet by 4 feet.
b. Mock-up may remain as part of the work.

B. Pre-installation Conference:

1. Hold a pre-installation conference, prior to start of stone veneer installation. Attendees shall include Contractor, Architect, installer, Owner's Representative, and manufacturer's designated representative.

1.5 Review related project requirements and submittals, status of substrate work and preparation, areas of potential conflict and interface, availability of thin stone veneer and components, installer's qualifications, equipment, and coordinate methods, procedures and sequencing requirements for installation and protection.

1.6 PROJECT CONDITIONS

A. Cold-Weather Protection: Do not use frozen materials or build on frozen mortar beds.

B. Exterior Weather Limitations for Mortar and Grout:

1. Cold-Weather Requirements: Comply with cold-weather construction requirements contained in ACI 530.1/ASCE 6/TMS 602.
2. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in ACI 530.1/ASCE 6/TMS 602. Do not apply mortar when substrate temperatures exceed 90 deg F.

PART 2 - PRODUCTS

2.1 STONE MASONRY VENEER

1. Manufacturer
   Include the following information:

   a. Name of the materials and description of the proposed masonry veneer.
   b. Drawings, cut sheets, performance and test data.
   c. List of projects of similar scope.
   d. Test reports indicating compliance with the performance criteria.
   e. Other information necessary for evaluation.

2. After evaluation by Town Engineer, approval will be issued via addendum. No verbal approval will be given.
3. Substitutions following award of contract are not allowed except as stipulated in

2.2 MORTAR SETTING MATERIALS

A. Mortar Bed: Polymer modified Portland cement with graded aggregates; factory prepared per ANSI A118.4.

1. Product: Laticrete International, Inc.; Premium Mortar Bed or equal.

B. Thin Bed Mortar: Polymer modified mortar; factory prepared per ANSI A118.4.

1. Product: Laticrete International, Inc.; Masonry Veneer Mortar or equal.

C. Pointing Mortar:

1. Pointing Mortar: ASTM C91, factory prepared cementitious mortar. “Masonry Pointing Mortar” as manufactured by Laticrete International, Inc or equal.
2. Mortar additive: Liquid used in place of water which inhibits staining caused by bacteria, mold and mildew. “Mortar Enhancer” as manufactured by Laticrete International, Inc or equal.

2.3 MORTAR MIXES

A. General: Comply with referenced standards and with manufacturers' written instructions Discard mortars and grout if they have reached their initial set before being used.

B. Mortar Bed: Mix fortified mortar and water to a creamy consistency, per manufacturer's instructions.

C. Thin Bed Mortar: Mix thin bed mortar and water to a creamy consistency, per manufacturer's instructions.

D. Pointing Mortar: Mix pointing mortar with mortar additive per manufacturer's instructions.

E. PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that substrates are complete and ready for the work of this Section.

B. Concrete and masonry substrates:

1. Verify that concrete surfaces have a wood float finish.
2. Verify that surfaces are free of dust, dirt, oil, curing compounds and efflorescence.
3. Surfaces should be cured a minimum of 28 days at 70 degrees F.

C. Substrate tolerances: Maximum of 1/16 inch in 1 foot, with a maximum of 1/32 between adjoining edges

3.2 STONE VENEER INSTALLATION - GENERAL

A. Install stone veneer in accordance with ANSI A108 and as indicated below.

B. Install lathing and mortar bed in accordance with ANSI A108.01 and as indicated below.

C. Use manufacturer's standard stone veneer corner units at all outside corners.

D. Do not install chipped or cracked stone veneer.

E. Expansion Joints:

1. Layout expansion joints prior to beginning installation of stone masonry veneer.
2. Place expansion joints where indicated on Drawings and in accordance with BIA Technical Note 18A, TCNA EJ171 and NCMA TEK 10-2B.
3. Saw-cut stones to maintain continuous and straight horizontal and vertical expansion joints.
4. Fill expansion joints with sealant as recommended by sealant manufacturer.

3.3 INSTALLATION - DIRECT BOND METHOD

A. Direct bond method over concrete surfaces

1. Install stone veneer in accordance with TCNA Installation Method W202E and Laticrete Architectural Guidebook v2.0.5; Execution Statement Number MVIS- E102.
2. Lay out stone veneer prior to placement on substrate to minimize cutting of stone veneer. Take into account openings, movement joints, and offsets.
3. Back-butter stone masonry veneer.
4. Set stone veneer to ensure full bedding and flatness.
5. Remove excess mortar, do not allow mortar to dry on face of stone veneer.
6. Allow stone veneer to set until firm.

3.4 POINTING STONE VENEER

A. Verify that joints to be grouted are free of dirt, debris, and wedges or spacers.

B. Surface temperature must be between 40 and 90 degrees F prior to grouting.

C. Dampen surfaces prior to grouting.

D. Grout joints as soon as possible after initial set of setting bed and in compliance with ANSI A108.10.

E. Apply grout using pointing bag, force grout into joints taking care not to get grout on adjacent stone surfaces. Strike joints clean after initial set using striking or joint tool.

F. Remove excess grout using masonry brush or sponge, do not over wash grout joint.

G. Grout joints at sheet metal flashing by applying Flashing Mortar to seal joint between stone veneer and sheet metal flashing. Apply Flashing Mortar in accordance with manufacturer's instructions.

H. Cure grout by maintaining in a damp condition for seven days unless otherwise recommended by grout manufacturer.

PROTECTION

I. Protect completed work minimum 72 hours or until mortar bed and grout have fully cured.

J. Protect portland cement-based mortars and grouts from direct sunlight, radiant heat, forced ventilation (heat and cold), and drafts until cured to prevent premature evaporation of moisture.

END OF SECTION