



City of Portsmouth Department of Public Works
680 Peverly Hill Road
Portsmouth, New Hampshire 03801

ADDENDUM NUMBER 1

Bid #40-22

2022 Sidewalk Reconstruction on State Street

Issued June 2, 2022

The addendum forms part of the original document marked: Bid #40-22 2022 Sidewalk Reconstruction on State Street. Acknowledge this addendum within your proposal. Failure to do so may subject bidder to disqualification.

The following questions have been asked and answered:

Question 1: Units for pay item 608.26 - 6" Concrete Sidewalk (ADA Ramps) is in Square Foot on the Bid Tab and Square Yard in the Specifications. Should they both be in Square Yard?

Answer: The Bid Tab is correct, and the Specifications is incorrect. The quantity provided is based on Square Foot. Attached is a revision to the Specifications.

Question 2: Is there an engineer's estimate for the project?

Answer: Engineer's estimate is:

Base Bid - \$400,000
Add/Alt #1 - \$25,000
Add/Alt #2 - \$60,000

Question 3: The existing roadway and a few driveways have areas of ponding with multiple patches. Are there provisions for repairs to roadway gutter line and roadway surface repairs?

Answer: The Engineer will work with the Contractor to establish detailed sidewalk and driveway grades, curb heights and positive pitch gutter lines to alleviate ponding issues. This may mean that curb reveals will vary when compared to the existing roadway grades. The City has a contract for roadway repairs, to include but not limited to, mill & overlay, reclaim, re-grade, etc. that will follow this Sidewalk project.

Question 4: The following Bid Tab concerns:

- A. Pay Item 201.3 Tree and Shrub Pruning is a Lump Sum item with a quantity of 0.25.
- B. At the end of the Bid Tab - * Estimated and/or Indeterminate Quantity, but there are no "*" identifying which items this pertains to.

Answer: The Bid Tab has been revised and attached. Utilize the updated Bid Tab in your proposal.

- A. Pay Item 201.3 Quantity has been revised to 1.
- B. There are six items with quantities with an "*".

End of Addendum #1.

SPECIAL PROVISION

SECTION 608

SIDEWALKS

Amend Section 608 to include:

Description

Amend 1.1: This work shall consist of constructing sidewalks of either hot bituminous pavement, Portland cement concrete, reinforced when specified, Brick, or Pavers. Portland cement concrete sidewalks shall receive a protective coating unless otherwise directed.

Materials

Amend 2.2: Portland cement concrete shall be Class AA (4000 psi), 5%-7% air-entrained, 4-6 inch slump with poly-fiber reinforcing conforming to Section 520.

Add 2.6: New bricks shall be manufactured by Pine Hall Brick and shall be Traditional edge, Pathway, Full Range. The bricks shall not be cored or have frogs and shall be of a standard size (2.25" x 4" x 8"). The Engineer will have 5 working days to approve the brick submittals before they are installed. It is the responsibility of the Contractor to provide suitable brick samples for approval.

Add 2.6.4: Detectable warning surfaces for straight curb ramps shall consist of panels from Neenah Foundry, East Jordan Iron Works, or approved equal. Detectable warning surfaces for radius curb ramps shall consist of a combination of straight and wedge panels from Tuftile or approved equal. The units shall be cast into Portland cement or other owner approved material, as recommended by the manufacturer. The panels shall be of cast iron.

Add 2.6.5: Straight curb ramps shall use panels with a minimum width of 24". Cutting of panels is prohibited. Radius curb ramps shall consist of a combination of straight and wedge panels matching the curvature of the curb ramp. Calculation of panel sizes, types and quantities shall be determined by the manufacturer. All panels shall be a minimum of 24" in depth and shall span the entire width of the ramp.

Construction Requirements

Amend 3.2.6.1: Construct transverse and longitudinal crack control joints by sawing, jointing tool or other approved method to a minimum depth of one third the slab thickness. If the jointing tool is not capable of constructing a joint to the correct depth, saw the joint to the correct depth. Saw crack control joints as soon as concrete has hardened sufficiently to permit sawing without excessive raveling and before uncontrolled shrinkage cracking occurs, usually between four and twenty four hours. Control joints for cracking shall be spaced at 5 ft., unless otherwise specified. Construct expansion joints at 25 ft. intervals. Bond breaker shall be used at all construction joints.

Amend 3.3.3: Install detectable warning devices and any anchoring hardware in accordance with manufacturer's instructions. Panel shall be set in a bed of 6" wet concrete.

Add 3.4: Brick and Paver Sidewalks

- 3.4.1:** Excavation for sidewalks shall be at a depth of 13 inches below finish grade. In areas not butting curbing or buildings, the excavation shall be 6 inches wider than the finished sidewalk width. At all drive crossings, the depth of excavation shall be increased accordingly. The Contractor's price shall include neat and square cutting of existing asphalt road surface as needed. All unsuitable material shall be removed and disposed of off-site at the Contractor's own expense.
- 3.4.2:** The base material for sidewalks shall consist of 304.3 crushed gravel or 306.212 rehandled reclaim base materials to a minimum depth of 8". Base material to extend past edge of sidewalk 6" in areas not adjacent to walls, curb or buildings.
- 3.4.3:** A 3/8" bituminous asphalt hot mix pavement shall be placed parallel to grade and compacted to a minimum thickness of 2". Asphalt base to be extended 6" in areas where edging is to be used. Bituminous pavement for sidewalk base is considered subsidiary to the brick sidewalk pay item.
- 3.4.4:** Place a 1:3 Portland cement / course sand mix on the asphalt base to a thickness of 1". Pavers to be dry laid on the mixture.
- 3.4.5:** The Contractor shall lay the bricks so that approximately 5.0 bricks shall cover one square foot (tight joints).
- 3.4.6:** The sidewalk shall pitch 1/4 inch per foot towards the street or as directed.
- 3.4.7:** In areas where the edge of the brick sidewalk is not adjacent to granite curbing or buildings, the Contractor shall install edging to hold the bricks in place. Such edging shall be installed per the manufacturer's recommendations and incidental to the pay item.
- 3.4.8:** In areas with a closed drainage system, the contractor shall provide "silt sacks" to prevent brick dust from entering the collection system. The area shall be swept daily to keep dust levels as low as possible.
- 3.4.9:** All half bricks needed for running bond work will be snapped if possible and all efforts will be made to keep brick dust to a minimum. All cuts not made by snapping will be wet cut.
- 3.4.10:** All masonry shall be laid by skilled workmen under adequate supervision, and shall be laid true to lines and levels referred to in previous paragraphs. Masonry work shall not be laid in temperatures below 40 degrees Fahrenheit unless provisions are made to adequately protect the masonry materials and the finished work from frost. All masonry materials used in freezing weather shall be at a temperature between 50 degrees Fahrenheit and 90 degrees Fahrenheit. Protect masonry against freezing for a minimum of forty-eight (48) hours after being laid. Anti-freezing admixtures will not be allowed in the mortar. Frozen work shall not be built upon. Any completed work found to be affected by frost shall be taken apart and rebuilt at the Contractor's expense.

Method of Measurement

Amend 4.1: 4” Concrete sidewalks will be measured by the square yard to the nearest 0.1 square yard. 6” Concrete sidewalks will be measured by the square foot to the nearest 0.1 square foot. Brick sidewalks will be measured by the square yard to the nearest 1.0 square yard.

The area occupied by the curb will not be included in the final pay quantity.

Add 4.3: ADA Detectable warning panels will be measured by the square foot installed.

Basis of Payment

Amend 5.1: Sidewalks will be paid for at the Contract unit price per unit of each type, complete in place.

Add 5.4: ADA Detectable warning panels will be paid for at the Contract unit price per square foot of panel installed.

<u>Pay item</u>		<u>Pay unit</u>
608.24	4” Concrete Sidewalks	Square Yard
608.26	6” Concrete Sidewalks (Accessible Ramps)	Square Foot
608.54	ADA Detectable Warning Panels	Square Foot
608.5A	Brick Sidewalk (Edging)	Square Yard
608.5B	Brick Sidewalk (Full Width)	Square Yard

END OF SECTION

2022 Sidewalk Reconstruction on State Street

BASE BID SCHEDULE OF QUANTITIES

ITEM NO.	EST. QUANTITY	ITEM DESCRIPTION WITH BID PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
201.1	1	CLEARING & GRUBBING at: Dollars Cents per lump sum		
201.3	1	TREE AND SHRUB PRUNING at: Dollars Cents per lump sum		
202.21	1550	REMOVAL OF EXISTING SIDEWALKS, DRIVES & ROADWAY at: Dollars Cents per square yard		
203.1	375	COMMON EXCAVATION at: Dollars Cents per cubic yard		
214	1750	FINE GRADE (SIDEWALKS & DRIVEWAYS) at: Dollars Cents per square yard		
304.3	375	CRUSHED GRAVEL IN PLACE (SIDEWALKS & DRIVES) at: Dollars Cents per cubic yard		
403.12	50	HAND METHOD (Misc.) at: Dollars Cents per ton		
520	75	CLASS B CURB BACKFILL at: Dollars Cents per cubic yard		
604.0007	9	POLY LINER FOR CATCH BASIN at: Dollars Cents per each		
604.0008	3*	ELIMINATOR OIL/WATER SEPARATOR at: Dollars Cents per each		
604.5	10*	REPAIRS & ADJUST EXISTING STRUCTURES at: Dollars Cents per linear foot		
604.72A	4*	PROVIDE & INSTALL CB FRAME & GRATE at: Dollars Cents per each		
604.72B	1	PROVIDE & INSTALL CB FRAME & GRATE (Inlet Style) at: Dollars Cents per each		
608.24	1250	4" CONCRETE SIDEWALK & PADS at: Dollars Cents per square yard		
608.26	520	6" CONCRETE SIDEWALK (ADA RAMPS) at: Dollars Cents per square foot		

Proposal #40-22 2022 Sidewalk Reconstruction on State Street

ITEM NO.	EST. QUANTITY	ITEM DESCRIPTION WITH BID PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
608.54	175	ADA DETECTABLE WARNING TILE, CAST IRON at: Dollars Cents per square foot		
609.02	30	NEW 6" CURVED VERTICAL GRANITE CURB at: Dollars Cents per linear foot		
609.5A	650	RESET EXISTING VERTICAL GRANITE CURB at: Dollars Cents per linear foot		
609.5B	1200	RESET EXISTING VERTICAL GRANITE CURB (ANTIQUÉ) at: Dollars Cents per linear foot		
609.51	100	SETTING GRANITE CURB FROM CITY STOCKPILE at: Dollars Cents per linear foot		
611.5001	35*	CURB STOP RISER ASSEMBLY at: Dollars Cents per each		
611.5001	35*	VALVE GATE BOX TOP at: Dollars Cents per each		
615.0071	12	NEW STEEL SIGN POSTS at: Dollars Cents per each		
615.02	10	NEW TRAFFIC SIGN at: Dollars Cents per square foot		
615.024	5	RELOCATE EXISTING SIGN AND POST at: Dollars Cents per each		
618.7	20000	UNIFORMED FLAGGERS at: Twenty Thousand Dollars Zero Cents allowance	\$1.00	\$20,000.00
619.1	1	MAINTENANCE OF TRAFFIC at: Dollars Cents per lump sum		
628.2	2100	SAWCUTS (CURBING ONLY) at: Dollars Cents per linear foot		
632.3112	800	PAVEMENT MARKINGS, 12" THERMOPLASTIC at: Dollars Cents per linear foot		
640	1	RECONSTRUCT EXISTING LANDSCAPING at: Dollars Cents per lump sum		
640	250	REPAIRS TO IRRIGATION SYSTEMS at: Two Hundred Fifty Dollars Zero Cents allowance	\$1.00	\$250.00
641	25	LOAM at: Dollars Cents per cubic yard		

Proposal #40-22 2022 Sidewalk Reconstruction on State Street

ITEM NO.	EST. QUANTITY	ITEM DESCRIPTION WITH BID PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
641.1	1*	METAL WINDOW WELL at: Dollars Cents per each		
645	12	CATCHBASIN SILT SACK at: Dollars Cents per each		
646.31	150	TURF ESTABLISHMENT WITH MULCH & TACKIFIER at: Dollars Cents per square yard		
692	1	MOBILIZATION at: Dollars Cents per lump sum		

*Estimated and/or Indeterminate Quantity item, quantity unknown and to be verified prior to purchase of material.

Total Base Bid Price (sum of all items above)

Total Base Bid Price (In Words) \$ _____

ADD/ALT 1 (BRICK EDGING WITH CONCRETE ON STATE ST) - SCHEDULE OF QUANTITIES

ITEM NO.	EST. QUANTITY	ITEM DESCRIPTION WITH BID PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
203.1	10	COMMON EXCAVATION (Add'L 2" Depth) at: Dollars Cents per cubic yard		
403.12	20	HAND METHOD at: Dollars Cents per ton		
608.5A	140	NEW BRICK SIDEWALK (Edging Only) at: Dollars Cents per square yard		

Total Bid Alternate 1 Price (sum of all items above)

Total Bid Alternative 1 (In Words) \$ _____

ADD/ALT 2 (BRICK FULL WIDTH) - SCHEDULE OF QUANTITIES

ITEM NO.	EST. QUANTITY	ITEM DESCRIPTION WITH BID PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
203.1	60	COMMON EXCAVATION (Add'L 2" Depth) at: Dollars Cents per cubic yard		

Proposal #40-22 2022 Sidewalk Reconstruction on State Street

ITEM NO.	EST. QUANTITY	ITEM DESCRIPTION WITH BID PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
403.12	120	HAND METHOD at: Dollars Cents per ton		
608.24	-900	DEDUCT - 4" CONCRETE SIDEWALK at: Dollars Cents per square yard		
608.5A	900	NEW BRICK SIDEWALK (Full Width) at: Dollars Cents per square yard		

Total Bid Alternate 2 Price (sum of all items above)

Total Bid Alternative 2 (In Words) \$

TOTAL FOR PROJECT: BASE BID

In Figures:

\$ _____

In Words:

\$ _____

TOTAL FOR PROJECT: BID ALTERNATIVE 1

In Figures:

\$ _____

In Words:

\$ _____

TOTAL FOR PROJECT: BID ALTERNATIVE 2

In Figures:

\$ _____

In Words:

\$ _____

The City reserves the right to delete any portion of the work/reduce the quantities of work represented in this bid proposal form including work/items listed in the Base Bid.

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the Contract Documents, the bidder will accept compensation as stipulated therein.

Date

Company

By: _____

Signature

Title: _____

Business Address

City, State, Zip Code

Telephone: _____

Email
Address: _____

The Bidder has received and acknowledged Addenda No. _____ through _____.

All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.

We certify that the Company is currently pre-qualified with the State of New Hampshire for either Site or Road Work.

By: _____

Signature

BID SECURITY BOND

(This format provided for convenience, actual Bid Bond is acceptable in lieu of, if compatible.)

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned

_____, as Principal, and

_____, as Surety, are hereby

held and firmly bound unto _____

IN THE SUM OF _____

as liquidated damages for payment of which, well and truly to be made we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

The condition of this obligation is such that whereas the Principal has submitted to the

A CERTAIN Bid attached hereto and hereby made a part hereof to enter into a contract in writing, hereinafter referred to as the "AGREEMENT" and or "CONTRACT", for

NOW THEREFORE,

- (a) If said Bid shall be rejected or withdrawn as provided in the INFORMATION FOR BIDDERS attached hereto or, in the alternative,
- (b) If said Bid shall be accepted and the Principal shall duly execute and deliver the form of AGREEMENT attached hereto and shall furnish the specified bonds for the faithful performance of the AGREEMENT and/or CONTRACT and for the payment for labor and materials furnished for the performance of the AGREEMENT and or CONTRACT,

then this obligation shall be void , otherwise it shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder in no event shall exceed the amount of this obligation.