

**ADDENDUM NUMBER 1:
STATE STREET UTILITIES UPGRADE
AND ROADWAY IMPROVEMENTS
CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

**Issued: August 12, 2009
For Bids Due: August 20, 2009**

A. GENERAL

- 1. Attached for reference is the Pre-Bid Conference Sign-in Sheet and the Meeting Notes from the Conference and Site-Walk.**

B. BIDDING REQUIREMENTS

1. Bid Schedule

- a. Modify Item No. 69 Description to indicate "Furnish and Install Imprint Crosswalk:" instead of "Sidewalk". Bid Item refers to Detail 7 on Sheet L6.*

C. CONTRACT

1. Special Conditions

- a. Revise the 5th Paragraph of SC VII to Read as Follows:*

CONTRACTOR shall install 2-inch wearing course trench patch over completed utilities at a minimum by the end of work on each Friday to minimize the impact on weekend traffic and local businesses. All parking spaces closed for construction purposes shall be limited to the extent practical. Contractor shall be permitted to occupy up to six parking spaces total for the overnight storage of excavators, materials and other equipment during the workweek. At the end of work on each Friday all equipment, materials, pipe, stone, structures, trench boxes, trucks, etc., shall be removed from the site and all parking spaces made available to the public. During the work week, Contractor may utilize trench boxes and plates to protect excavated areas and installed piping overnight, within and outside the occupied parking spaces. Installation of trench boxes and plates to remain overnight shall be to the satisfaction of the Engineer and Owner. Existing parking meters shall be maintained during construction and reset as necessary during completion of the utility work. During completion of sidewalk reconstruction the CONTRACTOR shall coordinate with the OWNER for maintenance of parking spaces and metering. CONTRACTOR shall also coordinate with the OWNER at least 48 hours in advance, for posting of notices for parking spaces to be taken out of service to accommodate construction in specific areas.

D. TECHNICAL SPECIFICATIONS

1. Section 001500 Measurement and Payment

a. Add Part 2.9 B.6 to Read as Follows:

6. This item shall also include the setting, relocation and maintenance of two moveable “Dig State Street, Business of the Week” 4’x8’ signs with attachable banners, to be provided by the Owner. This item shall also include provision of four 3’x’3 business directional signs to be post mounted at locations identified by the Owner. The directional signs shall be professionally constructed aluminum signs with a white background and colored lettering and directional arrows and shall include the names of up to 15 businesses, to be identified by the Owner.

b. Revise Part 2.40 B.1 to Read as Follows:

1. Said unit price shall constitute full compensation for the furnishing of all labor, equipment, and materials associated with installing imprint pavement crosswalk, loading zone, and thermoplastic patten site area in full conformance with the Drawings and Specifications.

c. Add Item Part 2.39 B.3 to Read as Follows:

3. Item shall also include protection and restoration of the existing snowmelt sidewalk and extension to the new curb line at # 96 State Street.

E. CONSTRUCTION DRAWINGS

1. Drawing C2

a. Add the following sentence to Note 5:

Existing newer brick adjacent to #49 Pleasant Street and #96, #68, #58 and #46 State Street may be salvaged by the Contractor and re-used per the discretion of the Engineer and Owner based on the handling and storage methods employed by the Contractor to protect the materials.

2. Drawing L5

a. Revise notation on Detail 2 to indicate “Brick – hand tight joints 1/8” max” instead of “Precast concrete pavers hand tight joints.”

b. Add note to Detail 2 that reads as follows:

Note: Existing snowmelt sidewalk shall be protected and restored to the extent practical. Repair and extension of the snowmelt sidewalk shall be completed as detailed above.

END OF ADDENDUM NO. 1

**Pre-Bid Meeting Notes
State Street Utilities Upgrade and Roadway Improvements
Portsmouth, NH**

A mandatory pre-bid meeting was held August 11, 2009 at 10:00 AM at Portsmouth Department of Public Works with representatives of the City, NH DES, CMA Engineers and prospective contractors.

Attached is the Contractor's sign in sheet.

Peter Rice, P.E., the City's water and sewer engineer opened the meeting and introduced Jeff Murray, P.E. and Jack Kareckas of CMA Engineers who are the project manager and resident inspector, respectively, representing the City for project design, administration and construction observation/documentation. Peter gave a project overview emphasizing the joint goal of delivering improved underground utilities and streetscape. A significant project priority is coordination and minimized disruption to abutters who include residential, business, institutional, religious, commercial and tourism related interests. Feedback is requested regarding phasing the work to maintain a flexible relationship with the City.

Project Overview

Jeff Murray presented an overview of the project.

Bill Straub, P.E. was also introduced as CMA's Vice President and Principal-in-Charge along with Brian Hilliard, P.E. of NH DES who is filling in for Franz Vail, P.E.

Project milestones include:

- Bid Opening - August 20, 2009 2:00 P.M.
- Award and Execution of Contract - Early September
- Public Pre-Construction Meeting - September 10th
- Contract Start - September 14th
- Substantial Completion 330 Calendar Days
 - Includes Winter Shutdown
 - Anticipate cessation with local asphalt plant closure
- Final Completion 30 Calendar Days after Substantial Completion

The project limits were reviewed running easterly along State from the intersection of Church at the western limit of work through intersections of Pleasant, Penhallow, Chapel, Atkinson and Marcy toward the river outfall. Significant work required into Marcy, Atkinson and Penhallow were reviewed and the connections at the other intersections were touched upon.

The relationship of the underground utilities with the street and sidewalk areas was described. Block by block sequencing is required and the bid alternate for schedule/phasing mentioned.

Financing

Partially Funded through NHDES SRF/ARRA Loan Program

- MBE/WBE Participation - Bidder must demonstrate compliance
- Davis Bacon Wage Rates Apply
 - Weekly Certified Payrolls
- Buy American Provisions
- DUNS Number issued through Federal Government
- Jobs Created/Retained

Historic and Sensitive Areas

Project history is significant as the street right of way changed with past fires, reconstruction and other development. The current travelled way is wider than what was there in the early 1800s. Old foundation materials are expected along the northerly roadway lane and sidewalk. The project will have archeologists who shall document areas mentioned as having particular historical or cultural significance. The project has allowances for minor and major archeological delays. This is another area where coordination is required.

Excavation close to existing foundations

- Pre-Excavation/Blasting Survey
- Monitor vibrations during rock excavation and compaction

Archaeological Sensitive Areas

- 24 locations to be observed by archaeologist, primarily on North
- Some collection of materials may be required with minor delays of up to 20 minutes. Bid proposal includes costs for 10 standby charges up to 2 hrs.
- Also include relocate activities as necessary. Bid proposal includes costs for 5 relocations for up to 5 working days

Construction Sequence

Contractor to Submit Work Plan and Traffic Control Plan

Block By Block in Base Bid

- Bid Alternate for Revised Sequence

One Passable Lane Open

Remove all materials and restore parking spaces end of each day

2" trench patch end of each week

Coordination with Resident Engineer and Businesses is Critical Element

- 48 hrs advance on Parking Space lost
- Advance notice on planned service interruptions.
- Provide for access for deliveries and public

Project and Design Review

Traffic is constant and there are three loading zones serving adjacent businesses. Access for deliveries must be maintained. No construction employee parking is allowed. Provision for construction parking is arranged with the Masonic Temple.

Construction Detours require approval of the City.

Hours of Construction Activity: Monday through Thursday: 7:00AM to 5:00 PM
Friday: 7:00 AM to 2:00 PM

Replacement of Water, Sewerage and Drainage were reviewed (pipe locations, diameters) from the westerly limit at Church to the waterfront as shown on the drawings. Ledge excavation is expected particularly for the separated drain, new water main and related utility house connections. Drainage corridor for the stormwater treatment device on discharge point near the Memorial Bridge approach was reviewed.

Streetscape improvements were described. Four stormwater filters in tree wells are incorporated in the work. Stormwater is designed to flow from catch basin grate to the filter and onto the main drain via drain manholes. Intersections have bump outs which shall reduce vehicular speed and make the crossings shorter for pedestrians.

Work on Atkinson St. includes replacement water and sewer lines.

Existing and proposed utilities on Marcy St. were reviewed with emphasis on the existing 20" sewer force main carrying heavy flows from the Deer St. Pump Station.

Streetscape improvements also include:

New signals at Pleasant St. (mast arms, poles, controller and appurtenances)

Reduction in width of travel lanes from 14 to 11 feet with increased new sidewalk width

Resin-based Crosswalks are proposed with thermo-plastic inserts

Loading Zones (3) are proposed with stamped pavement

Large and small trees

City standard street lighting

New six inch wide Curb at edge of road. Existing may be reused as appropriate for raised planters. Old curb stored at a City designated location.

Parkscape elements at Memorial Bridge approach area.

Other Comments

Following Jeff's presentation, Peter reminded those present of the mandatory nature of the meeting and all should sign the attendance sheet. Peter also mentioned the new gas main and house connection work on-going. This work is to avoid conflict with that proposed in this contract. The relocation of utility poles by PSNH was reviewed.

Bidder's Questions

Sign in sheet was requested. *(Shall be appended to Meeting Notes)*

Equipment Parking, Material Storage Options? *(The City understands the request for relief of this requirement. For this bid, this is the Contractor's responsibility and bids should reflect the requirement to remove all equipment and material stockpiles daily at the close of work.)*

Ownership of existing curb? *(City property)*

Location of Gas Main? (*Mains and house connections are new and installed a deeper than typical depths lower than the proposed box cut.*)

Vibration monitoring required for entire project? (*Yes, vibration monitoring required continuously as the City recognizes the potential for damage during soil compaction may be greater than for drilling, blasting or hammering ledge.*)

Impact related to lack of staging areas and daily project clean up? (*Peter Rice shall continue to work on this aspect of the work. Nothing is likely to change prior to bidding.*)

Weekend Work? (*No weekend work is allowed.*)

Is the City willing to trade Friday work for longer work days Monday through Thursday? (*This is not likely as it may impact residential/commercial interests.*)

Are trench plates acceptable for securing the work for the day? (*The City understands the impact of backfilling the trenches daily. If acceptable plates (no bent or damaged steel, and designed for street loading) are appropriately placed with adjacent areas supported for settlement and secured for transition to adjacent surfaces, the use of steel plates are conditionally acceptable.*)

Timing for questions? (*Questions or comments must be made by early on August 12th as there is a NH DES requirement for a minimum of five day's notice prior to the bid date.*)

Explanation of Bid Alternate for lost parking spaces. (*Bid Alternate is for a Sequence of Work that is not Block by Block. Peter Rice indicated that we may consider by Addendum including loss of overnight parking spaces for the alternate. Jeff indicated that if loss of 6 parking spaces would be acceptable to the City, that it would be incorporated into the Base Bid, via addendum.*)

Dust control was mentioned as a significant project component.

Engineer's estimate? (*\$4.2 million*)

As the work progresses temporary sewer connections are required in order to maintain flow from the 14 inch asbestos cement (AC) sewer to the new proposed sewer. Contractor responsible for disposal and handling of AC materials, if required, otherwise grouted and abandoned in place.

Brick paver materials? (*Bricks are City standard "Artisan" wire cut brick set as shown on the plans*)

Number of Architectural Area Lights? (*Locations of light fixtures are more clearly identified on Sheets R1, R2, and R3. There are 26 total fixtures.*)

Site Walk

One prospective bidder representing Sargent Corp. walked the site with Jeff Murray and Jack Kareckas. The following items were discussed:

Box cut starts at Pleasant St. intersection. West to Church is trench repair with overlay. Numerous underground utilities (telephone, signal wire, gas) were noted at Pleasant St. and along State.

Pole relocation was reviewed.

Rock was observed in the gas connection trench currently under construction to Temple Israel. Photo of pavement cross section with bituminous concrete over Portland cement concrete included:



We reviewed the heated sidewalk adjacent to the former Victory Restaurant at the corner of Atkinson St.

Existing conditions at the drainage outfall to the Piscataqua River was observed and the connections proposed into the adjacent side streets were mentioned in passing.

MANDATORY PRE-BID MEETING

City of Portsmouth, New Hampshire
 State Street Utilities Upgrade and Roadway Improvements
 Tuesday, August 11, 2009, 10:00 AM

	Company Name	Representative	Phone/Fax #	Email Address
1	SEVERING TRUCKING	MARK RAINEY	403-2133 FAX 2998	MRAINE@SEVERINGTRUCKING.COM
2	Matthews Roy			
3	Stoneage Stonework	Matthew Roy	207-316-8945	Matthews.roy@StoneageStoneworks.com
4	DESIGN THING	BRIAN WILLIAMS	603-419-0295	Brian.Williams@designtg.com
5	DBU CONSTRUCTION	Dave Fraser	786-9100 736-9101	
6	SARACANT CORP	M. KS TRIBODISALY	207-827-4435 x 280	M7400AS@SARACANT-CORP.COM
7	D+C CONSTRUCTION	Tammy Lancot	207-247-6023/207-247-6013	TLANCOT@YAHOO.COM
8	Stone Construction	Henry Melnychuk	603-9318200 / 433 0955	hmelnychuk@goveconstruction.com
9	PARK CONST CORP	BOB SEDPAU	505 6577 585-7717	BSEDDAU@PARINC.COM
10	SUK Construction	Alan Crowell	603-332-4554 / 333 3189	Alanowell@SUKConstruction.com
11	TERRITONIA Earth Tech	Mark Campbell	860-742-6591/6907	mark.campbell@earthtech.com
12	FL McNeill Const	Bob Burns	228-5553 / 228-5555	Bobat@mcneill@aol.com
13	N. McEster-LL Mach	T. J. Leecker	435-7989 / 435-7950	jleecker@nmc.com
14	Godwin Pumps	Pete McKenney	860-625-3160 / 860-889 0673	pete.mckenney@godwinpumps.com
15	Jamco Excavators	Bud Finnemore	603-394-7064 PHONE 603-394-7341 FAX	BUD.JAMCO@EXC MYFAIRPOINT.NET
16	SUR Construction	Jason deWitt	552-4554 / 5189	jde Witt@surconstruction.com
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