

ADDENDUM NO. 2

May 4, 2015

**SHEAFE AND CHAPEL STREET IMPROVEMENTS
PORTSMOUTH, NEW HAMPSHIRE**

The following changes and information are hereby incorporated into the Contract Documents:

PROJECT MANUAL

1. Pre-Bid Meeting

Meeting Notes (**Attachment A**) and the information provided within are included in the Contract Documents by this Addendum No. 2.

2. Advertisement for Bids (pg. A.1-1), Para. 1., 2015 Construction Season

Delete the sentence "The work shall begin between May 18, 2015 and May 29, 2015" and **Replace** with "The work is expected to begin in June 2015."

3. Advertisement for Bids (pg. A.1-1), Para. 1., 2016 Construction Season

Change "45 calendar days for Substantial Completion".... to "60 calendar days for Substantial Completion"....

Change "75 calendar days for Final Completion".... to "90 calendar days for Final Completion"....

4. Bid (pg. A-3.1), 2015 Construction Season

Delete the sentence "The work shall begin between May 18, 2015 and May 29, 2015" and **Replace** with "The work is expected to begin in June 2015."

5. Bid (pg. A-3.1), 2016 Construction Season

Change "45 calendar days for Substantial Completion".... to "60 calendar days for Substantial Completion"....

Delete "The work for the 2016 construction season shall begin by April 4, 2016."

Change "75 calendar days for Final Completion".... to "90 calendar days for Final Completion"....

Add "The work for the 2016 construction season will be completed by June 1, 2016."

6. Bid (pg. A-3.7), Item 2.4B "Cast Iron Roof Leader Assembly"

Revise Bid Item Description for Item 2.4B in the Bid Schedule to read "Ductile Iron **Roof Leader** Assembly"

7. Agreement (pg. B-2.1) Para. 3, Completion Time

Delete "130 calendar days for Substantial Completion"..... and May 18, 2015.", entirely.

Delete "160 calendar days for Final Completion"..... by **October 15, 2015.**" entirely.

Replace with "Work for the 2015 Construction Season, Schedule 1 (Base Bid), **shall be completed by October 15, 2015.**"

8. Section 01020 - Coordination (pg. 01020-3), Para. 1.2.E.3

Delete para. 1.2.E.3 in entirety and **Replace** with "1.2.E.3 Utility pole conditions are being reviewed by utility companies. It will be the Contractor's responsibility to coordinate any work to be undertaken by the Utility Companies."

CONTRACTOR REQUESTS FOR ADDITIONAL INFORMATION

9. Utility Coordination

Q: In Specification Section 01020 Coordination Paragraph 1.2.E.3 on page 01020-3 states: "The City has made initial contact to the utilities regarding the relocation of poles to accommodate the proposed work. It shall be the Contractor's responsibility to coordinate the relocation work so that it does not interrupt the day to day operations of the work to be completed." Please clarify which utility poles are to be relocated.

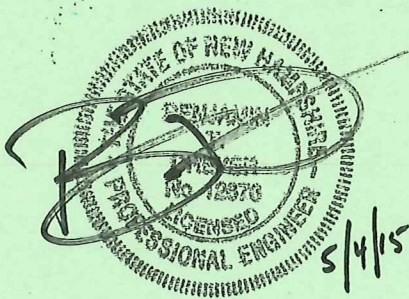
A: *Certain utility pole relocation work was completed prior to bidding. No additional overhead utility and/or pole re-location work is scheduled at this time. See No. 8 above on utility coordination.*

10. Cast Iron Roof Leader Assemblies

Q: Regarding "Bid Item 2.4.B Cast Iron Roof Leader Assembly," while the bid Item calls for "cast iron" roof leader the detail on D-2 calls for a 6-inch "ductile iron" pipe with a flexible rubber cap. Is the intent to include a cast iron roof leader boot or the ductile iron pipe with a flexible rubber cap?

A: *The intent is to provide the ductile iron pipe with a flexible rubber cap as shown on Detail 2/D-2. See No. 6 above on Cast Iron Roof Leader Assemblies.*

UNDERWOOD ENGINEERS



Benjamin T. Dreyer, P.E.
Senior Project Engineer



Philip D. MacDonald, P.E.
Project Manager

Summary of Attachments:

Attachment A – Pre-Bid Meeting Notes (5 pages)

ADDENDUM 2 - ATTACHMENT A
Sheafe and Chapel Street Improvements
City of Portsmouth, NH

PRE-BID MEETING – MEETING NOTES
Portsmouth Department of Public Works
April 29th 2015 (9:00 a.m.)

1. Introductions

Philip MacDonald, Underwood Engineers, Inc.

David Desfosses, Project Manager, Portsmouth DPW

Ray Pezzullo, Assistant City Engineer, Portsmouth DPW

Those present encouraged to provide contact information on sign in sheet, circulated.

2. Bidding Requirements

- Mandatory Pre-Bid Meeting: This is a mandatory pre-bid meeting.
- Pre-Qualification of Contractors: Contractors must be on the NHDOT prequalified list for road re-construction.
- Base Bid: The base bid will be the basis for determining the lowest responsive bidder.
- Bid Alternate: The City will not award the bid alternate before July 1st 2015 and the work would be conducted next year in the beginning of the 2016 construction season.
- Bids will be received the Portsmouth Purchasing Department until **2:00 p.m., May 7th 2015**

3. Project Area

The project is located in the City's downtown area between Daniel Street and State Street near the Route 1 Bridge. The work will be phased as follows:

2015 Construction Season – Base Bid

- Sheafe Street, from Chapel Street to Penhallow Street (350')
- Lower Chapel Street, from State Street to Daniel Street (250')
- Daniel Street at Lower Chapel: Work is limited to matching existing pavement and sidewalk surfaces from Chapel Street at Daniel Street

2016 Construction Season – Bid Alternate

- Upper Chapel Street, from Daniel Street to Bow Street (450')
- Daniel Street at Upper Chapel: Work is limited to matching existing pavement and sidewalk surfaces from Chapel Street at Daniel Street.
- Bow Street: Work on Bow Street is limited water main tie-in (night work) and matching existing pavement and sidewalk surfaces from Chapel Street.

4. Project Overview

The project includes but is not limited to the following items:

- Sanitary sewer installations
- Storm sewer installations, including storm sewer service laterals and roof drain laterals (in the ROW and on private property)
- Water system replacement and tie-ins
- Interior plumbing point of clarification will be provided by addendum

- ***Interior plumbing point of clarification is provided as follows*** - There are several instances where both sewer services and sidewalks extend to the face of the buildings. A structurally sound connection will be necessary so that future repairs are avoided. An allowance item (Item 1.16) is included in the bid schedule, in the event that repairs will need to extend to the building interior. Additionally, interior plumbing at #126 Daniel will need to be reviewed with the property owner to determine desirable connection depth and location. A sewer service re-construction schedule is provided on drawings.
- Full depth roadway reconstruction
- Streetscape improvements including brick sidewalks, flush granite paver walkways, granite curbing, landscape island, re-setting existing sidewalk features and architectural area lighting.
- Modifications to existing sewers and storm drains (connections and tie-ins).
- Combined sewer by-pass piping or pumping operations to maintain existing flows (Item 1.0).
- Preparation and maintenance of a Storm Water Pollution Prevent Plan (SWPPP) (Items 6.8 A & 6.8B).
- Prosecution of the work (POW) as outlined in the Project Manual

Items of Note for Bidders:

- The full width of the road surface will be reclaimed in place (Item 4.3) prior to excavation for utility installation. The intent is for Contractor to use the reclaimed material to maintain the roadway in a manner suitable for the traveling public during construction.
- City Blasting Permit Requirements (see Appendix D) include vibration monitoring
- Construction vibration monitoring is required in addition to blasting and also includes interior/exterior existing condition surveys at residences/businesses adjacent to the work area.
- Protection of existing facilities to remain will be the responsibility of the Contractor.

5. Available Information

The following information has been included in the Appendix of the project manual:

- Gas Line Information (Appendix A).
- Boring Logs and Geotechnical Report (Appendix B)
- City Tie Sheets and Record Information (Appendix C)
- City of Portsmouth Blasting Ordinance (Appendix D)
- City of Portsmouth Electrical Permit Application (Appendix E). *The City will waive permit fees.*
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6. Schedule

Completion time for the project will be calculated as calendar days from the date specified in the "Notice to Proceed" as follows:

2015 CONSTRUCTION SEASON – SHEAFE AND LOWER CHAPEL STREET:

- 90 Calendar days for Substantial Completion (all Work except Final Pavement Wearing Course and Striping). Work is expected to begin in June, 2015 and May 29, 2015.

- 120 Calendar days for Final Completion. Final Pavement Wearing Course shall be completed by October 15, 2015.

2016 CONSTRUCTION SEASON – UPPER CHAPEL STREET:

60 Calendar days for Substantial Completion (all Work except Final Pavement Wearing Course and Striping). The work for the 2016 construction season is expected to begin on or before April 4, 2016 and be completed by June 1, 2016.

90 Calendar days for Final Completion.

7. Funding Requirements

The project will be funded through local funds:

- Davis-Bacon Wage Rates do not apply
- ARRA By American Requirements do not apply
- MBE/WBE Requirements do not apply

8. Traffic Control (Section 01570)

The work area is a densely populated urban residences within the City's downtown business district

- A traffic control plan (TCP) will be required, including detours where applicable
- Traffic circulation work plans for the three phases of the work on Lower Chapel, Sheafe and Upper Chapel, to identify minimum requirements, are provided in Section 01570 of the Project Manual
- Daily road closure within the work area (7am to 5 pm) will require proper signs and/or barricades and be reflected on the TCP. The City may issue passes for residents to park off site.
- Some Maintenance of a single lane of traffic, following installation of the binder pavement course, is anticipated for curbing and sidewalk installations, cleanup, etc.
- Uniformed flaggers are also anticipated
- Portable message boards will be provided by the City as available and otherwise provided by the Contractor

9. Work Hours

- The contract time for completion is based on work hours from 7 am to 5 pm Monday through Thursday and 7am to 2 pm on Fridays. Work beyond these hours will not be approved without City approval, night work. Some night work is anticipated and will be permitted for water tie-ins and where necessary to minimize inconvenience to residents and property owners.
- Request to work beyond the normal hours stated need to be submitted to the City in advance.

10. Community Information (Section 01201)

The Contractor is required to provide the following information weekly:

- A brief narrative of upcoming work areas and schedules (2 week projection) for posting on the City's website
- Maintain a complaint tracking system

- Provide a 24-hour contact person for emergencies
- Attend public informational meetings upon request (Two can be anticipated)

11. Geotechnical Report

- Geotechnical Report and boring logs are included in Appendix B.
- Contractor should note construction considerations included in the geotechnical report
- Although ledge was not encountered during boring explorations, the subsurface conditions can vary and ledge could be present in isolated areas. Item 6.1 is provided for ledge removal.

12. Archaeological and Historic Sensitivity

The project area is in a historic section of the downtown and the Contractor should be alert for historical artifacts. Excavation work in front of the cemetery on upper Chapel Street requires archaeological monitoring by the City's consultant. Item 6C is provided for delays related to archaeological monitoring.

13. Maintenance of Active Sewer Lines (Item #1.0)

Sewer flows can be expected to increase anticipated within the combined sewer during rain events. Contractor will need to consider weather when sequencing construction operations. Maintenance of existing combined sewer flows will be the Contractor's responsibility.

14. Private Utilities

- Gas lines are owned by Unitil and have recently been replaced with plastic. However, Unitil will replace a small segment of 4" gas line on the eastern half of Sheafe Street in the coming weeks
- Conflicts or excavation beneath unknown utilities not identified on the plans or in the contract documents may exist.
- The Contractor is to assume that each property has one water, one sewer, and one gas service each. Items 6D and 6E are provided to facilitate payment for additional service crossings (more than one of each utility for each property) or for main line utility crossings that are not shown on the drawings, Item 6D or for repairs to utilities (Item #6E) not shown on the drawings and not marked in the field (DIGSAFE). Excavation, backfill and protection of new gas mains and services to be installed by the gas company will not be considered for payment under Items 6D and 6E.

15. Staging Area

- The Contractor must establish an appropriate staging area. St. John's Church on Chapel Street has expressed potential staging availability. See Prosecution of Work for contact information.
- The Contractor may make arrangements with private property owners for additional staging areas.

16. Testing

- Sewer pipe, including service laterals to the property line, and sewer manholes will require testing

- Water mains will require pressure and bacteria testing. *The Contractor shall coordinate all testing with the City. Bacteriological testing services of new water mains will be provided by the City of Portsmouth Water Department. However, the Contractor will remain responsible for coordination, sampling in advance and payment for lab testing.*
- Drains will be subject to visual observation and will need to be clean prior to acceptance.
- Material and compaction testing will be completed on all aggregates under the direction of the Engineer. The Contractor may also be required to provide material samples and test reports, demonstrating conformance with material specifications

17. Raising of Castings, Covers, and Grates

- The Unit price for new structures (CB's, manholes) and valves includes the cost to raise structures once, to either base pavement elevation or finish pavement elevation, as directed.
- Items 1.5A, 2.5A, and 3.4A have been included to raise all new and existing structures a second time, to final grade if required. If structures are only raised once, these items will not be measured for payment.

18. Work Beyond the ROW

Work beyond the ROW should be limited to sewer and water connections at back of sidewalk, driveway tie-ins (where directed) and minor grading and/or property restoration at the edge of properties. The City will obtain written permission for work extended into properties and for any basement plumbing work that is necessary.

19. Quality of Life

The project is located in a densely populated residential neighborhood with many young families, children and a considerable volume of pedestrian traffic. Offensive language will not be tolerated. The Contractor will be required to carry out the work in a professional and orderly manner, and to keep the work area neat as possible. Construction impacts will need to be mitigated to the extent possible.

20. City Budget

The City has appropriated \$900,000 for the base bid. Construction amounts exceeding that amount will need further appropriation, 2016 funding.

21. Addendum

A copy of the Pre-Bid meeting notes will be included by addendum.

24. Questions

Questions may be addressed to the attention of Phil MacDonald, c/o Underwood Engineers until May 1, 2015, email and business card provided. There were no questions of note at the meeting.

Sign In Sheet
PRE-BID MEETING
Sheafe & Chapel Improvements
 Portsmouth, New Hampshire
 April 29, 2015 - 9:00 A.M.

| Name | Company | Address | Phone | Fax | Email |
|------------------|------------------------|---|----------------------|--------------|----------------------------------|
| David Desfosses | City of Portsmouth | 680 Peverly Hill Road Portsmouth, NH 03801 | 603-766-1411 1411 | 603-427-1539 | djdesfosses@cityofportsmouth.com |
| Phil MacDonald | Underwood Engineers | 25 Vaughan Mall Portsmouth, NH 03801 | 603-436-6192 | 603-431-4733 | pmac@underwoodengineers.com |
| JANI POMPED | HD Supply Waterworks | 232 Frontage Rd Methuen, NH | 603-440-8893 | | jani.pomped@hdsupply.com |
| Bryan Tremblay | Albanese Bros. | 28 Lee Hill Rd Draught, NH 03826 | 978-454-5858 | 978-458-8700 | btr Tremblay@albanese.com |
| Jack Lyman | Lyman Const | 310 Hoyt Rd 511 Road NH | 603-504-4314 | 603-527-0897 | svr@lymanandsons.com |
| Mat Roy | Stoneware Steak | 65 Ridion Rd Berwick Me 03901 | 207-316-8195 | 207 715-0281 | matkroy@stonewaresteak.com |
| Raymond Pezzullo | City of Portsmouth | 680 Peverly Hill Rd. Portsmouth NH | 603-766-1757 | | rpezzullo@cityofportsmouth.com |
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