



City of Concord, New Hampshire

PURCHASING DEPARTMENT

CITY HALL, 41 GREEN STREET

CONCORD, NH 03301

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April 8, 2008

ADDENDUM NUMBER ONE
B34-08
2008 WATER MAIN REPLACEMENT PROJECT

TO ALL FIRMS OF RECORD: This addendum forms a part of and modifies the bidding and contract documents and technical specifications for the project named above. The following changes, additions and clarifications are made to the original Contract Documents:

- 1. Revised Bid Documents.** Please remove the original Bid Submission Checklist, Bid Sheet and Itemized Bid Sheets, pages 27 – 37, from the bid documents and replace them with the attached Revised Bid Submission Checklist, Bid Sheet and Itemized Bid Sheets (base bid and alternates A & B).
- 2. Add to Scope of Work, Replacement of Approximately on pg# 26.**
Different sized cast iron and ductile pipes with new ductile iron pipe on Hutchins St
- 3. Add to Page # 55 Construction Sequence.** Construction Sequence # 3, Hutchins St, Sawcut trench:

Remove existing 14"x 12" tee, 12" butterfly valve, reducer and existing pipe, Install new 14", &12" CLDIP, 1-14"x12" tee, 1-12" butterfly or gate valve on Hutchins St., along with couplings, and fittings as required. Fill, flush, and restore back to service.

Note: This street will need to be pre-dug and plated first to gather material information. Before continuing onto sequence # 3 sequence #2 has to be fully completed.

- 4. Add Alternate A, Sewer Manhole Installation on North State Street).**

Note: Quantities to be used to install sewer manhole will be taken out of base bid unit prices.

Measurement & Payment Alternate- A

Scope of work:

Furnish and install new 4' diameter sewer manhole supplied by the City Of Concord.

A. Measurement:

1. Measurement shall be for the actual number of 4' diameter manholes furnished and installed and approved by the Construction Inspector.

B. Payment:

Payment shall be at the unit price bid and shall be full compensation for the actual number of 4' diameter manholes furnished and installed as measured and approved by the Construction Inspector. Payment shall include, but not be limited to, loading and picking up structure at General Services and delivering to job site, saw cutting, removing pavement, concrete, gravel, hauling, excavation, (except ledge and boulder excavation), sheeting and bracing, dewatering, furnished and installing the precast manhole base, barrel, and cone sections, jointing, reconnecting existing sewer lines, backfilling (unless select material is ordered by the Construction Inspector), compacting, restoring the trench surface to sub-grade in paved areas final grade in unpaved areas, establishment of growth and/or gravel surfaces, testing, brick channel and table, setting new frame and cover supplied by City Of Concord, all brick work to adjust new frames, manhole testing, and all other work required for or incidental to the completion of this item.

5. Add Alternate B, Catch Basin Dry Well installation at # 36 East Side Drive).

Note: Quantities to be used to install catch basin dry well will be taken out of base bid unit prices except erosion stone which will be subsidiary to catch basin installation

Measurement & Payment

Scope of work:

Furnish and install approximately 7.5 vertical feet of new 4' diameter Catch Basin Dry Well with erosion stone from the catch basin base up to within 2' of slab top. The erosion stone shall extend two feet around entire structure and be topped off with ¾" stone and fabric cloth.

A. Measurement:

1. Measurement shall be for the actual number of 4' diameter Catch Basin Dry Well furnished and installed and approved by the Construction Inspector.

B. Payment:

Payment shall be at the unit price bid and shall be full compensation for the actual number of 4' diameter catch basin dry well furnished and installed as measured and approved by the Construction Inspector. Payment shall include, but not be limited to, loading and picking up structure or scheduling for and delivery to job site, removing pavement, gravel, hauling, excavation, sheeting and bracing, dewatering, furnished and installing the pre-cast base bottom, barrel, and cone section, jointing, reconnecting existing drain lines, erosion stone, backfilling (unless select material is ordered by the Construction Inspector), compacting, restoring the trench surface to sub-grade in paved areas final grade in unpaved areas, loam, establishment of growth and/or gravel surfaces, testing, brick channel and table, setting new frame and pedestrian grate, all brick work to adjust new frames, and all other work required for or incidental to the completion of this item.

6. Pleasant Street at Rum Hill Road & Hutchins Street Night Work.

Pleasant St. @ Rum Hill Rd. & Hutchins St. intersection work will be done at night time. Scheduling and code approval for the evening work will be needed prior to starting project.

Note: See page # 52, Special Provisions, paragraph 14.

The contractor may be required by the department to do evening and weekend work without additional cost to the Department.

7. Time of Completion.

The work to be performed under this contract shall commence within ten (10) calendar days after written notice by the CITY to the CONTRACTOR to proceed. The base bid work shall be completed within **seventy-five (75) WORKING days**, starting approximately **July 1, 2008** and to be completed by **October 15, 2008** with such extensions of time as are provided for in the General Provisions.

8. Preparation of Bids.

Bids shall be submitted on the forms provided and must be signed by the bidder or their authorized representative. The person signing the bid should initial any corrections to entries made on bid forms. Prices quoted in this request shall remain firm for a period of **One Hundred and Twenty (120)** days after the date and time for receipt of bids.

9. Award of Contract.

The contract for this project to be awarded on the base bid only.

10. North State Street Water Pressure.

The latest flow tests were taken in 2000. The results of those tests are:

Static pressure 84

Residual pressure 82

11. City Noise and Dust Ordinances.

The City has new noise and dust ordinances and the successful Contractor shall abide by them. They are as follows:

13-6-9 Construction Noise.

(a) *Construction Noise.* The generation of any noise from construction activity as defined in 13-6-2 or from a construction site that is clearly audible at a dwelling in any district is prohibited, except for noise generated:

(1) Between 7:00 a.m. and 7:00 p.m. on weekdays; or

(2) Between 9:00 a.m. and 7:00 p.m. on weekends or holidays (as defined in Section 13-6-2); or

(3) Between 9:00 a.m. and 7:00 p.m. on weekends and holidays (as defined in Section 13-6-2) from work done by a resident at the resident's dwelling.

(b) *Exceptions.*

(1) Sections 13-6-8 and 13-6-9 shall not apply to routine or emergency City work including solid waste collection, street sweeping, street and sidewalk plowing, snow removal, and other periodic work necessary for the City to maintain its public streets and infrastructure.

(2) Emergency work as defined in Article 13-6-2 is exempt from hours of operations' restrictions.

11-3-1 Fugitive Dust

(a) The following is deemed and declared to be a public nuisance and is not allowed:

- (1) Any airborne particulate matter generated from a construction site or by a construction activity that is visibly passing outside of the property lines where the source activity is occurring, or adversely affects any person, their property, or their reasonable enjoyment of their property. Any person responsible for any of the following activities shall take all reasonable actions to prevent particulate matter from becoming airborne:
 - a. Clearing of land;
 - b. Preparatory site work;
 - c. Earth materials removal;
 - d. Stockpiling of earth or construction materials;
 - e. Construction or demolition of buildings or structures;
 - f. Construction, grading, paving and maintenance of, or within, roads and streets.

 - (2) Depositing or dropping of particulate matter, dirt, or other material, that could become airborne, on any publicly owned street or right-of-way by vehicles leaving the source activity site.
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- (b) Appropriate materials including, but not limited to, water, City of Concord approved dust palliatives, asphalt, seed, or physical covers shall be used to prevent particulate matter from becoming airborne. Oil may not be used as a dust palliative.
 - (c) The requirements of this article do not apply to fugitive particulate matter emissions arising from the production of agricultural commodities in their unmanufactured state on the premises of the farm operation or emergency work as defined in Article 13-6-2.
 - (d) An enforcement officer may order the immediate cessation of such operations or activities deemed and declared a public nuisance. If any person shall fail to immediately comply with the order, the enforcing officer shall as soon as practicable file a complaint with a court of competent jurisdiction charging said person with violation of this ordinance.

The Code Administrator may, in writing, grant exceptions to these provisions when the work is of urgent or other necessity in the interest of public or private safety and convenience.

The City Council has also adopted a report regarding construction practices in the City of Concord to minimize disturbance and damages and the conclusion is as follows:

Vibration limits where damages may occur have been set by the NHDOT in their standard specifications for blasting operations. If construction is proposed in or near a sensitive area or for a potentially high vibration impact project, vibration monitoring

and/or interior pre-construction surveys should be required as determined by the City Engineer. The types of projects where this may be required is as follows:

- *Deep trench excavations (over ten feet deep) located within close proximity to any older structure.*
- *Deep trench excavations (over ten feet deep) where ground water or soil conditions warrant extra precautions.*
- *Any trench excavation where a public concern has been expressed and the City Engineer determines a potential damage may occur.*
- *Blasting of any type with a building within 500 feet of the blast location.*
- *Sheeting installations near existing buildings, walls or other structures.*
- *Pile driving located in close proximity to any structure.*
- *Any other construction activity where construction operations may create a significant nuisance or damage to residences or businesses in the opinion of the City Engineer.*

Prior to the commencement of any project and prior to issuing an Street Excavation Permit the City Engineer will review the proposed construction to determine if a project is located near a sensitive structure and should be considered a potentially high impact project. A sensitive structure will be defined as any building, wall or other vertical element susceptible to vibration impacts and may include older buildings, brick/masonry structures, buildings that are close to significant construction operations, buildings that have plaster on wood lath construction and any other type of structure that may be subject to vibration damages. If the project is determined to be near a sensitive structure and is a potentially high impact project the City Engineer will require vibration monitoring and/or pre-construction surveys as needed to protect the integrity of any buildings that may be damaged by the construction operations. In areas where there is unusual concerns (i.e. a historic structure, a structure in disrepair, unusual masonry construction, and any other building element susceptible to vibration damages) and even minimal vibrations could cause damages the City Engineer has the authority to reduce the PPV limits as needed to protect the area of concern. Furthermore, where management of vibration causing activities produces complaints from abutters, the City Engineer will modify and reduce vibration-causing activities and consider requiring vibration monitoring and/or pre-construction surveys to reduce abutting property impacts.

12. **Mandatory Pre-Bid Meeting Sign-in Sheet.** The sign-in sheet from the mandatory pre-bid meeting held on April 1, 2008 at 9:00 am is attached for your review and records.

PLEASE BE ADVISED THAT THE CONTRACTOR MUST ACKNOWLEDGE RECEIPT OF ADDENDUM ONE ON THE BID SHEET SIGNATURE PAGE.

CITY OF CONCORD, NEW HAMPSHIRE

DOUGLAS B. ROSS
PURCHASING AGENT