

B46-11

City of Concord, New Hampshire

Purchasing Division

**2011 CIP 91 Sanitary Sewer
Trenchless Lining Project**

Loudon Rd, Walker St. Mill St. and Farmwood Rd.

Prepared for, and in coordination with the

**COMMUNITY DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIVISION**

Contract
Bid Documents
Specifications

Firm: _____

Bid Due Date/Time: July 19, 2011 Not Later Than 2:00 PM
Mandatory Pre-Bid Meeting: June 28, 2011 at 11:00 AM

INVITATION FOR BIDS

The Purchasing Division, located at the Combined Operations & Maintenance Facility, 311 North State Street, Concord, New Hampshire 03301, will receive sealed Bids for **“B46-11, 2011 CIP 91 Sanitary Sewer Trenchless lining Project”** until 2:00 PM on **July 19, 2011** at which time and place they will be opened and publicly read. The sealed envelope should be plainly marked:

“B46-11, 2011 CIP 91 Sanitary Sewer Trenchless lining Project”

Bids may be issued only by the Purchasing Manager or his designee to authorized firms and are not transferable unless authorized by the Purchasing Manager or his designee.

Plans and specifications may be obtained from the Purchasing Division, City Hall, 41 Green Street, Concord, NH 03301 (603) 225-8530 for a non-refundable fee of **\$75.00**. A non-refundable shipping and handling fee of **\$20.00** will be required to mail the plans and specifications.

A **mandatory** pre-bid informational meeting will be held at 11:00 am on **June 28, 2011** at the City of Concord, City Hall, 2nd Floor Conference Room, 41 Green Street, Concord, NH 03301.

Each bid shall be accompanied by a certified check, cash, check drawn by a New Hampshire bank, or bid bond for and subject to conditions provided in the Instruction to Bidders. The amount of such bid deposit shall be ten percent (10%) of the total bid, made payable to the City of Concord, New Hampshire.

The successful bidder will be required to furnish a Performance bond and a separate Payment Bond, each in the amount of one hundred percent (100%) of the bid submitted.

Progress Payments: On not later than the last day of every month, the Contractor shall prepare and submit an invoice covering the total quantities of work that have been completed from the start of the job up to and including the last day of the preceding month together with such supporting evidence as required by the City.

Retainage: The City shall retain a portion of the progress payments, each month, in accordance with the following procedures:

1. Until work is 50% complete, as determined by the City, retainage shall be 10% of the monthly payments claimed. The computed amount of retainage shall be deposited in a non-interest bearing account established by the City.
2. After the work is 50% complete, and provided the Contractor has satisfied the City in quality and timeliness of the work, and provided further that there is no specific cause for withholding additional retainage no further amount shall be withheld.
3. Upon substantial completion, the amount of retainage shall be reduced to 2% of the total contract price plus an additional retainage based on the City's estimate of the fair value of the punch list items and the cost of completing and/or correcting such items of work, with specified amounts for each incomplete or defective item of work. As these items are completed or corrected, they shall be paid out of the retainage until the entire project is declared completed. The final 2% retainage shall be held, in the non-interest bearing

account, during the two year warranty period and released only after the City has accepted the project.

Liquidated Damages: In the event that the Contractor fails to satisfactorily complete the work contemplated and provided for under this contract, on or before the date of completion, the City shall deduct from the payments due the Contractor each month, the sum of **five hundred dollars (\$500.00) plus engineering charges per day** for each calendar day of delay, which sum is agreed upon not as a penalty, but as fixed and liquidated damages for each day of such delay, to be paid in full and subject to no deduction. If the payments due the Contractor are less than the amount of such liquidated damages said damages shall be deducted from any other monies due or to become due the Contractor or shall be paid by the Contractor's surety.

The City of Concord reserves the right to reject any or all bids or any part thereof, to waive any formality, informality, information and/or errors in the bidding, to accept the bid considered to be in the best interest of the City, or to purchase on the open market if it is considered in the best interest of the City to do so.

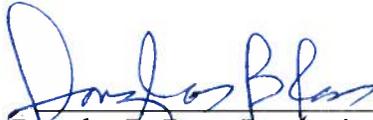
Failure to submit all information as detailed on the Bid Submission Checklist and/or submission of an unbalanced bid are sufficient reasons to declare a bid as non-responsive and subject to disqualification.

All bids are advertised, at the City's discretion, in various publications and are posted publicly as detailed below:

Name	Advertising Medium	Address	Phone/Fax	Email and Web Address
City of Concord, NH	Posted on City Website and in City Hall Lobby	41 Green Street, Concord NH 033301	603.225.8530 603.230.3656(fax)	purchasing@concordnh.gov www.concordnh.gov/purchasing
Associated General Contractors	Bid House	48 Grandview Drive, Bow NH 03304	603.225.2701 603.226.3859(fax)	plansroom@agcnh.org http://nh.agc.org
Construction Summary of NH	Bid House	734 Chestnut St, Manchester NH 03104	603.627.8856 603.627.4524(fax)	info@constructionsummary.com www.constructionsummry.com
Bid Ocean	Bid House	PO Box 40445, Grand Junction, CO 81501	866.347.9657 877.356.9704(fax)	bids@bidocean.com www.bidocean.com
McGraw Hill Construction	Bid House	880 Second Street, Manchester NH 03102	603.645.6554 603.645.6714(fax)	Priscilla_littlefield@mcgraw-hill.com www.construction.com
New England Construction News - CDC News	Bid House	100 Radnor Rd S-102, State College, PA 16801	1.800.652.0008 1.888.285.3393(fax)	mweaver@cdcnews.com www.cdcnews.com

APPROVED:

CITY OF CONCORD, NEW HAMPSHIRE



Douglas B. Ross, Purchasing Manager

Date: 6/10/11

Bid Due Date/Time: July 19, 2011 not later than 2:00 PM

Mandatory Pre-Bid Meeting: June 28, 2011 at 11:00 AM

SCOPE OF WORK

Project Name: **“B46-11, 2011 CIP 91 Sanitary Sewer Trenchless lining Project”**

Description of work to be performed:

The following is a general description of the limits of work to be performed as part of this sanitary sewer trenchless lining project. It includes work in Loudon Rd. sidewalk (north), from SMH at #167 Loudon Rd. to SMH at #183 Loudon Rd. and work in Walker St. from SMH at the intersection of Walker and Rumford St. to SMH at the intersection of Walker and N. State St. Also work in Mill St. from SMH at the intersection of Mill and Eastman St. to SMH at #11 Mill St. Finally work in Farnwood Rd. at the culvert located at #1 Farnwood Rd. It is noted that the following assumptions have been made for design purposes:

- a) Groundwater is assumed to be 1 foot above crown of pipe for entire project.
- b) Pipe condition is assumed to be partially deteriorated (unless specifically noted in this section) for entire project.

The CONTRACTOR will be responsible for providing all necessary labor, furnish all materials and perform all work needed to complete the project as described in the specifications and shown on the drawings.

LOUDON RD.

From SMH at #167 Loudon Rd., Northeasterly 311 Linear Feet to the SMH at #171 Loudon Rd.
From SMH at #171 Loudon Rd., Northeasterly 253 Linear Feet to SMH at #181 Loudon Rd.
From the SMH at #181 Loudon Rd., Northeasterly 294 Linear Feet to the SMH at #183 Loudon Rd. This stretch of pipeline includes 3 separate 15” clay pipe runs.

WALKER ST.

From SMH at the intersection of North State St and Walker St., Southwesterly 18 Linear Feet to SMH at the intersection of Walker St. and N. State St. From SMH at the intersection of Walker and N. State St. Southwesterly 301 Linear Feet to SMH at #11 Walker St. From SMH at #11 Walker St. Southwesterly 313 Linear Feet to SMH at the intersection of Walker St. and Bradley St. From SMH at the intersection of Walker St. and Bradley St. Southwesterly 96 Linear Feet to SMH at #41 Bradley St. (on Walker St.). From SMH at #41 Bradley St. (on Walker St.) Southwesterly 322 Linear Feet to SMH at the intersection of Walker St. and Martin St. From the SMH at the intersection of Walker St and Martin St. Southwesterly 307 Linear Feet to SMH at the intersection of Walker St. and Rumford St. This stretch of pipeline includes 3 separate 12” clay pipe runs, and 3 separate 15” clay pipe runs.

MILL ST.

From SMH at Mill and Eastman Sts. Northeasterly 81 Linear Feet to SMH south of #6 Mill St. From SMH south of #6 Mill St. Northeasterly to SMH at #5 Mill St. From SMH at #5 Mill St. Northeasterly to SMH at #11 Mill St. This stretch of pipeline includes two separate 8" clay pipe runs and one 8" cast iron pipe run.

FARMWOOD RD.

The lining of the Complete Culvert System located near #1 Farmwood Rd. this area of culvert pipe includes 2 separate 12" RC pipe runs and one 15" RC Run.

Purpose:

The purpose of the lining project for the year 2011 is to eliminate root intrusion and future blockages, reduce infiltration and extend the useful life of the existing 8", 12" and 15" vitrified clay and RC pipe.

Work to be performed (including but not limited to):

- a) All internal debris will be removed from the original pipeline.
- b) Inspection of the pipeline to confirm suitability for lining.
- c) Point repair excavation to remove any obstructions if necessary.
- d) Line 2757' of 8", 12" and 15" clay pipe and,
- e) Reinstate sanitary service connections (37 services connections estimated)