

**B02-10**

City of Concord  
Merrimack County  
New Hampshire

**FEDERAL ER PROJECT NO. X-A000(614), X-A000(615)  
NHDOT PROJECT NO. 14911, 14912**

**BOW BROOK CULVERT REPLACEMENT PROJECT**

**PLEASANT STREET  
WARREN STREET**

Prepared for, and in coordination with the

**COMMUNITY DEVELOPMENT DEPARTMENT  
ENGINEERING SERVICES DIVISION  
PURCHASING DIVISION**

Contract  
Bid Documents  
Specifications

Firm: \_\_\_\_\_

**BID DUE DATE/TIME: JULY30, 2009 NOT LATER THAN 2:00 PM  
MANDATORY PRE-BID MEETING: JULY 21, 2009 AT 10:00 AM**



**CITY OF CONCORD, NEW HAMPSHIRE  
PURCHASING DIVISION  
CITY HALL 41 GREEN STREET  
CONCORD, NH 03301  
603-225-8530 FAX: 603-230-3656**

**INVITATION FOR BIDS**

The Purchasing Division, 1<sup>st</sup> Floor, City Hall, 41 Green Street, Concord, New Hampshire 03301, will receive sealed Bids for “B02-10, Bow Brook Culvert Replacement” until 2:00 PM on July 30, 2009 at which time and place they will be opened and publicly read. The sealed envelope should be plainly marked:

**“B02-10, Bow Brook Culvert Replacement”**

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

Plans and specifications may be purchased from the Purchasing Division, City Hall, 41 Green Street, Concord, NH 03301 (603) 225-8530 for a non-refundable fee of \$75 per set. An additional non-refundable fee of \$20 per set must be paid if the plans and specifications are to be mailed.

A mandatory pre-bid informational meeting will be held at 10:00 AM on July 21, 2009 at the City of Concord, City Hall, 2<sup>nd</sup> 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 contract price.

Progress payments apply for this project. Retainage does not apply for this project.

Liquidated damages shall be required in the event that the project completion is unnecessarily delayed beyond the contract completion date. The liquidated damages requirements are further detailed in B61-09, General Terms and Conditions.

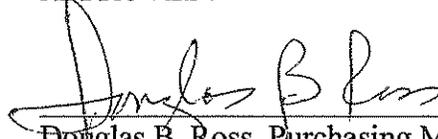
The City of Concord reserves the right to reject any or all bids or any part thereof, to waive any formality, informality, information and/or errors in the bidding, to accept the bid considered to be in the best interest of the City, or to purchase on the open market if it is considered in the best interest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

<b>Name</b>	<b>Advertising Medium</b>	<b>Address</b>	<b>Phone/Fax</b>	<b>Email and Web Address</b>
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)	<a href="mailto:purchasing@onconcord.com">purchasing@onconcord.com</a> <a href="http://www.onconcord.com/purchasing">www.onconcord.com/purchasing</a>
Associated General Contractors	Bid House	48 Grandview Drive, Bow NH 03304	603.225.2701 603.226.3859(fax)	<a href="mailto:plansroom@agcnh.org">plansroom@agcnh.org</a> <a href="http://nh.agc.org">http://nh.agc.org</a>
Construction Summary of NH	Bid House	734 Chestnut St, Manchester NH 03104	603.627.8856 603.627.4524(fax)	<a href="mailto:info@constructionsummary.com">info@constructionsummary.com</a> <a href="http://www.constructionsummary.com">www.constructionsummary.com</a>
Bid Ocean	Bid House	PO Box 40445, Grand Junction, CO 81501	866.347.9657 877.356.9704(fax)	<a href="mailto:bids@bidocean.com">bids@bidocean.com</a> <a href="http://www.bidocean.com">www.bidocean.com</a>
McGraw Hill Construction	Bid House	880 Second Street, Manchester NH 03102	603.645.6554 603.645.6714(fax)	<a href="mailto:Priscilla_littlefield@mcgraw-hill.com">Priscilla_littlefield@mcgraw-hill.com</a> <a href="http://www.construction.com">www.construction.com</a>
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)	<a href="mailto:mweaver@cdcnews.com">mweaver@cdcnews.com</a> <a href="http://www.cdcnews.com">www.cdcnews.com</a>

APPROVED:



Douglas B. Ross, Purchasing Manager

Date: 7/13/09

**Bid Due Date/Time: July 30 2009, not later than 2:00 PM**  
**Mandatory Pre-Bid Meeting: July 21, 2009 at 10:00 AM**

## SCOPE OF WORK

**PROJECT NAME:** B02-10 – Bow Brook Culvert Replacement Project

**SCOPE OF WORK:**

### PROJECT IDENTIFICATION

The project name is “Bow Brook Culvert Replacement” The Contract Documents were prepared by the Engineering Services Division of the City of Concord, NH, with survey prepared by Richard D. Bartlett & Associates, LLC, Concord, New Hampshire. The Contract Documents are dated January 12, 2009.

### DESCRIPTION OF WORK

The following is a general description of the limits of work to be performed as part of this culvert replacement project damaged beyond repair during the May 2006 flood events. 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 herein as well as on the drawings.

The box culvert replacement project includes the sections on Pleasant Street, Warren Street and Westbourne Road. The scope of work shall include but is not limited to, supplying all materials, labor, equipment and any other ancillary work needed for the completion of the project as shown on the plans, described in this document or as instructed by the City Engineer or his authorized representative.

In the vicinity of 140 Pleasant Street, the work shall consist of removing approximately 52 linear feet of the existing 4.5' x 5.5'' granite block box culvert and replacing it with a 4' X 8' Pre-cast Concrete Box Culvert (provided by the City), including headwalls and wing walls. Additionally, the construction will require the temporary removal and relocation of the existing 12'' water main under the new box culvert as necessary and the reconstruction of about 30 feet of bituminous sidewalk including vertical granite curb and steel beam guardrail washed out during the flood event. The Contractor shall remove and reset chain link fence along the back of sidewalk and channel areas. Ancillary work includes the construction of a 4' diameter catch basin and the removal of portions of the old granite block retaining wall. The placement of rip-rap at the inlet and outlet will be required as shown. The work will include coordination with gas and steam utilities while they remove and replace their utilities in the work area. The Contractor will be responsible for maintaining erosion controls throughout the work.

The box culvert replacement at the intersection of Warren Street and Westbourne Road includes removing approximately 149 linear feet of the existing 3.5'x 4.5' granite block box culvert and replacing it with a 3' X 6' Pre-cast Concrete Box Culvert (provided by the City). The outlet shall be drilled and pinned to existing concrete retaining walls and the Contractor shall install a 10' X 10' Pre-cast Concrete Manhole connecting the existing granite block box culvert to the

new box structure. The work will require the temporary removal and relocation of the existing 8" water mains under the new box culvert. The placement of rip-rap at the outlet will be required as shown. It is noted that this location is adjacent to Concord High School and as such, work will not be allowed to start until after school closes in June 2009. The work will include coordination with gas and steam utilities while they remove and replace their utilities in the work area. The Contractor will be responsible for maintaining erosion controls throughout the work.

#### ENVIRONMENTAL COMMITMENTS

All standard measures shall be employed to ensure that temporary increases in noise and dust levels are minimized to the extent practical and limited to the construction period.

Standard erosion and sediment control measures shall be employed to assure all negative impacts are avoided and/or minimized.

A Stormwater Pollution Prevention Plan will be provided by the contractor prior to construction.

#### BASIS OF AWARD

BID PROPOSAL for this WORK will be compared on the basis of the aggregate sum of the products of the various unit prices and lump sum items multiplied by the quantities given in the Proposal Schedule. The lowest bid shall be the lowest total of the bid prices for the project.

Note that the Owner reserves the right to accept or reject any or all bids based on bidder qualifications and project funding.

#### UTILITY CONTACTS

Electric	Unitil Jane Cavanaugh 227-4533	Telephone	Fairpoint Communications Katie Jones 226-1436
CATV	Comcast Tim Dent 899-6718 ext. 516	Gas Main	National Grid Alan Tinker 286-2510
Fire Alarm	Concord Fire Department Richard Wollert 225-8667		