



City of Concord, New Hampshire

PURCHASING DEPARTMENT

311 NORTH STATE STREET

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August 31, 2009

ADDENDUM NUMBER THREE
B01-10
BIOTOWER REFURBISHING
HALL STREET WASTEWATER TREATMENT PLANT

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:

SPECIFICATIONS

Item 3-1 SECTION A-1.1 - ADVERTISEMENT FOR BIDS

The date for submission of **general bids** has been changed from Friday, September 4, 2009 at 2:00 p.m. to **Tuesday, September 8, 2009 at 2:00 p.m.** Therefore, the City of Concord will receive sealed general bids at **The Purchasing Division, 311 North State Street, Concord, New Hampshire 03301**, until 2:00 p.m. on Tuesday, September 8, 2009.

Item 3-2 SECTION A-3.3A – ITEMIZED BID SHEET

Delete the Itemized Bid Sheet and replace with the attached Itemized Bid Sheet.

Item 3-3 SECTION 01015 – SPECIAL CONDITIONS

Delete paragraph 1.17 in its entirety and replace with the following:

“PERMITS

“A. Refer to Item 60 on page C-1.33 of the GENERAL CONDITIONS.”

Item 3-4 SECTION 01025 – MEASUREMENT AND PAYMENT

Delete paragraph 1.03.B in its entirety and replace with the following:

“B. CONCRETE SPALL REPAIR (BID ITEMS 2a and 2b)

1. Measurement for deep concrete spall repair to be paid for under Bid Item 2a in the ITEMIZED BID SHEET shall be per square foot of concrete surface repaired, as ordered by the Engineer in writing.

Measurement for shallow concrete spall/overlay repair to be paid for under Bid Item 2b in the ITEMIZED BID SHEET shall be per square foot of concrete surface repaired, as ordered by the Engineer in writing.

2. Payment will be made for the actual number of square feet of concrete surface repaired. Payment at the unit price bid for Item 2a and 2b in the ITEMIZED BID SHEET shall be full compensation for furnishing all labor, materials, equipment, tools and incidentals; for doing all the work involved in furnishing and placing concrete spall repairs ordered by the Engineer and all other work incidental thereto.”

Item 3-5 SECTION 11300 – BIOTOWER MEDIA SYSTEM

Delete paragraph 3.06.E in its entirety and replace with the following:

- “E. Biotower influent BOD samples shall be taken at the outlet from the Primary Clarifier prior to blending with the return activated sludge. Biotower effluent samples shall be taken at the outlet side of the biotower. Biotower effluent samples shall be allowed to settle for 1-2 hours prior to testing and the supernatant shall be analyzed for total BOD. All testing, sampling and analysis methods shall be approved by the Engineer.

PLEASE REFER TO THE FOLLOWING QUESTIONS AND ANSWERS:

Q1: Are there prevailing wage requirements for this project?

A1: No.

Q2: Should the repair of the joint sealing system for the complete perimeter of the tank be carried in Bid Item 1?

A2: Yes.

Q3: Base Bid Item 4 "Dry Pack Joint Repair for North Biotower" calls for a unit cost to repair 46 each joints (approx. 19' high). Are the complete costs of repair to joint system as detailed on plan S-2 for flange connection and flange connection at corner considered this Item?

A3: Bid Item 1 includes Polyfoam Rod, Joint Filler, and Sealant Liner Strip along the full vertical height of the tank wall at each concrete panel joint and around the bottom perimeter of the tank.

Dry Pack Grout Repairs (Bid Item 4) and Weld Repairs (Bid Item 5) occur at three (3) locations (about 8" wide by 8" high) along the vertical height of each concrete panel joint. The repair locations will be as required and as determined by the Engineer.

Q4: Base Bid Item 2 "Spall Repair" does not differentiate between Shallow Spall Repair and Deep Spall Repair. Please provide a breakdown in the Bid Form.

A4: Refer to Addendum Items No. 3-2 and 3-4.

Q5: Plan S-1, Foundation Plan, notes 2 and 3 indicate concrete surfaces and panel joint seals are to be repaired as required. Will payment be made per the unit cost bid items 2, 3, 4, 5 and/or additional unit cost pay items per future addendum?

A5: Refer to A3 above and to Addendum Items No. 3-2 and 3-4.

Q6: What is the operating pressure of the lateral and header piping?

A6: The pressure is estimated at less than 20 psig.

Q7: Plan M-2 indicate SDR 32.5 and Sch 80 PVC pipe. Which is it?

A7: All new piping shall be SDR 32.5 PVC.

Q8: The general conditions indicate that any permits required for permanent construction are to be paid by the owner. Section 01015 then states it is by the contractor and it could be "substantial". Which is it?

A8: Refer to Addendum Item No. 3-3

Q9: Is the media removed from the biotower to be disposed of onsite or salvaged onsite?

A9: The biotower media shall be disposed of and not salvaged. The Contractor shall deposit the material removed from the biotower in a designated area of the treatment plant site for future disposal by the City.

Q10: Is the cost for concrete overlay repair to be included in the unit cost bid item for spall repair?

A10: Refer to Addendum Items No. 3-2 and 3-4.

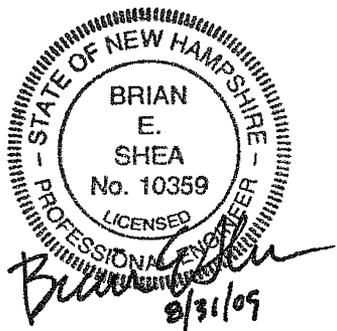
Q11: Drawing M-1 notes that an existing membrane coating is to be inspected by the Engineer prior to installation of the media. If this coating is on the walls it may need to be removed to do the joint repairs shown on drawing S-2. The details and the spec does not reference what the coating is. It will have to be ground off in order to apply the liner over the joint. Will we need to repair the liner? If so what will be acceptable?

A11: The panel walls on the interior of the tank are coated with what appears to be a black epoxy material. In addition, the joints between adjacent concrete panels have a narrow (about 12" wide) strip liner (material unknown) applied along the full height of the wall. The Contractor will need to remove the existing narrow strip liner at the joint, along with the joint compound and backer rod, to perform the repair work as shown on the plans.

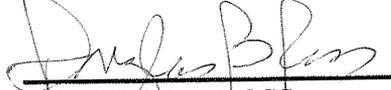
Q12: Do you know if the tank needs to be cleaned out by the contractor, if it contains any sludge, or if we will need to remove sewage with a pump truck, if so do you know the approx quantity?

A12: It is unlikely that any sludge will be found at the bottom of the North Biotower tank.

PLEASE BE ADVISED THAT THE CONTRACTOR MUST ACKNOWLEDGE RECEIPT OF ADDENDUM THREE ON THE BID FORM (PAGE A-3.1).



CITY OF CONCORD, NEW HAMPSHIRE


DOUGLAS B. ROSS
PURCHASING MANAGER

A-3.3A

**ITEMIZED BID SHEET
BIOTOWER REFURBISHING
HALL STREET WASTEWATER TREATMENT PLANT**

BID ITEM	ITEM OF WORK	Section/ Division Number	ESTIMATED QUANTITIES	UNITS	UNIT OR LUMP SUM PRICES BID		AMOUNTS
					WORDS	FIGURES	
BASE BID							
1	GENERAL REQUIREMENTS AND MISCELLANEOUS WORK, SITE WORK, METALS, PLASTICS, NORTH BIOTOWER MEDIA AND SUPPORT REMOVAL AND REPLACEMENT, STRUCTURAL, MECHANICAL AND ELECTRICAL WORK.	DIVISIONS 1-16	LUMP SUM				
2a	DEEP CONCRETE SPALL REPAIR FOR NORTH BIOTOWER	DIVISION 3	75	S.F.			
2b	SHALLOW CONCRETE SPALL/OVERLAY REPAIR FOR NORTH BIOTOWER	DIVISION 3	75	S.F.			
3	CONCRETE CRACK REPAIR FOR NORTH BIOTOWER	DIVISION 3	100	L.F.			
4	DRY PACK JOINT REPAIR FOR NORTH BIOTOWER	DIVISION 3	46	EA.			
5	WELD REPAIRS AT JOINTS FOR NORTH BIOTOWER	DIVISION 5	46	EA.			
					TOTAL CONTRACT PRICE - BASE BID		
ADDITIVE ALTERNATE BID							
1	DEMOLITION AND REPLACEMENT OF NORTH BIOTOWER ELECTRICAL AND LIGHTING SYSTEMS	DIVISION 16	LUMP SUM				
2	EXTENSION OF NORTH BIOTOWER ALUMINUM CATWALK AND RAILINGS	DIVISION 5	LUMP SUM				
3	EXTENSION OF ELECTRICAL CONDUITS AND LIGHTING	DIVISION 16	LUMP SUM				
4	LEGAL DISPOSAL OF EXISTING MEDIA AND MEDIA SUPPORTS FROM NORTH BIOTOWER	DIVISION 1	LUMP SUM				
5	GENERAL REQUIREMENTS AND MISCELLANEOUS WORK, SITE WORK, STRUCTURAL, CONCRETE, METALS, WOOD AND PLASTICS, MEDIA SYSTEM, ELECTRICAL, AND MECHANICAL FOR SOUTH BIOTOWER.	DIVISION 1-16	LUMP SUM				NO BID REQUIRED

1 The bidder is requested to fill in the "Amounts". In case of discrepancy between Unit Prices Bid written in words and the Unit Prices Bid written in figures, the Unit Prices Bid written in words will govern. In case of a discrepancy between the Unit Prices Bid and Amounts, the Unit Prices Bid will govern.

2 Write in words the lump sum bid in the column provided for the Unit Price Bid in words, and write in figures the lump sum bid in the column headed "amounts".

3 Award will be made to the lowest responsive, responsible and eligible BIDDER. The award will be based on the Base Bid. Additive alternates will be considered as additional, or modified, scope items after award of the Contract and depending upon the availability of funds.