



City of Cambridge

Purchasing Department

Cynthia H. Griffin
Purchasing Agent

TO: ALL BIDDERS

FROM: CITY OF CAMBRIDGE

DATE: SEPTEMBER 3, 2010

RE: RE-BID OF CAMBRIDGE RESERVOIR GATE HOUSE
IMPROVEMENTS – FILE NO. 5224A

Please note the attached Addendum No. 1.

All other particulars remain unchanged.



CYNTHIA H. GRIFFIN
PURCHASING AGENT

ADDENDUM NO. 1



**CITY OF CAMBRIDGE, MA
CAMBRIDGE RESERVOIR GATEHOUSE IMPROVEMENTS
RE-BID**

ADDENDUM NO. 1

To be considered as part of the contract drawings and specification for the Cambridge Reservoir Gatehouse Improvements Re-Bid.

SPECIFICATIONS

SECTION 01014 – SCOPE AND SEQUENCE OF WORK

1. Delete paragraph 3.02.D.2 as follows:

“2. Gate 2 is currently the only operational gate. The City shall operate Gate 2 to control the water surface elevation in Cambridge Reservoir until Gate 1 and Gate 3 are replaced.”

And replace with the following:

“2. Gate 2 is currently the only operational gate. The City shall operate Gate 2 to control the water surface elevation in Cambridge Reservoir until Gate 3 is replaced. Gate 3 is located in a separate gate chamber, isolated from Gate 1 and Gate 2 by a granite wall.”

2. Delete paragraph 3.02.D.3 as follows:

“3. Once Gate 1 and Gate 3 are replaced and fully operational, Gate 2 can be removed and replaced. Gate 1 and Gate 3 shall be operated by the City to control the water surface elevation in Cambridge Reservoir while Gate 2 is being replaced.”

And replace with the following:

“3. Once Gate 3 is replaced and fully operational, Gate 1 and Gate 2 can be removed and replaced. Gate 3 shall be operated by the City to control the water surface elevation in Cambridge Reservoir while Gate 1 and Gate 2 are being replaced.”

3. Delete paragraph 3.02.E.1 as follows:

“1. Winter Street Gate 2 is currently the only operational gate. The City shall operate Gate 2 to control the water surface elevation in Cambridge Reservoir until Gate 1 and Gate 3 are replaced.”

And replace with the following:

3. On East Elevation, delete notes as follows:

“HIGH LEVEL OVERFLOW EL. = 183.71’ +/-

GRANITE WEIR EL. = 180.41’ +/-“

and replace with the following:

“HIGH LEVEL OVERFLOW EL. = 181.63’ +/-

GRANITE WEIR EL. = 176.60 +/-“

Sheet C-6

1. On Front Elevation, East, delete note as follows:

“EL. = 185.51’ +/- “

and replace with the following:

“EL. = 181.76’ +/- “

2. On Typical Side Elevation At Wall, delete note as follows:

“EL. = 180.41’ +/- “

and replace with the following:

“EL. = 176.60’ +/- “

QUESTIONS

Responses to questions received from bidders are provided below.

1. Question: Is Alternate A an Add or Deduct alternate.

Answer: See Specification Section 01270 - Measurement and Payment for a description of the Bid Alternate. Alternate A includes work required for the completion of the new Overflow Stoplogs at Trapelo Road Gatehouse, as shown on Sheet C-6 of the drawings, specifications, and in accordance with all permits. Alternate A is an Add Alternate, Bidder's proposed contract price for Item 1 as described Section 012702.2 should not include the Overflow Stoplogs at Trapelo Road Gatehouse.

2. Question: Do the floors in Trapelo Road Gatehouse get painted as part of the project?

Answer: No, only the new concrete floor in Winter Street Gatehouse shall be painted. Section 09900 Painting, Subsection 2.01. B. PAINTING SCHEDULE, has been revised through Addendum 1.

ATTACHMENTS

1. Prebid Conference Attendance Sign-in Sheet (1 page)
2. Prebid Conference Meetings Minutes (2 page)

END OF ADDENDUM NO. 1

PREBID CONFERENCE MEETING MINUTES

A Prebid Conference was held on Wednesday August 25, 2010 at 10:00 a.m. at the Cambridge Reservoir Caretaker Barn, 67 Trapelo Road, Lincoln, MA 01733, followed by an informational site visit to the Trapelo Road Gatehouse and the Winter Street Gatehouse. A summary of information discussed at the Prebid Conference is provided below.

1. See Specification Section 01014 - Scope and Sequence of Work for detailed sequencing requirements for the project.

This project requires a temporary drawdown of the Cambridge Reservoir. Water level will be temporarily drawn down by the City between October 1, 2011 and January 31, 2012 to provide immediate storage in the event of a large rain event during construction of the new slide gates at the Winter Street Gatehouse. The new slide gates at the Winter Street Gatehouse will need to be installed during the temporary drawdown, and shall be placed into service no later than January 31, 2012.

Winter Street Gate 2 is currently the only operational gate. The City shall operate Gate 2 to control the water surface elevation in Cambridge Reservoir during all work until Gate 3 is replaced, since Gate 3 is located in a separate gate chamber, isolated from Gate 1 and Gate 2 by a granite wall. Once Gate 3 is replaced and fully operational, Gate 1 and Gate 2 can be removed and replaced.

Prior to the temporary draw down, the Contractor shall appropriately sequence all other Winter Street Gatehouse work and provide any temporary supports or means of access to allow the City to operate the existing Gate 2 to control water surface elevation in the reservoir until the gates are replaced.

The Contractor may complete the Trapelo Road Gatehouse slide gate and overflow stoplog replacement prior to the temporary draw down of the Cambridge Reservoir.

2. The reservoir water surface will not be drawn down below the elevation of the Winter Street Gatehouse exterior stoplog guides, therefore they will need to be replaced using underwater construction methods. Since the replacement of the Winter Street Gatehouse exterior stoplog guides is not dependant on the reservoir draw down, that work can be completed prior to the scheduled drawdown.
3. Staging Areas – The City has identified the following three potential staging areas located on City owned property:
 - Cambridge Reservoir Caretaker Barn, 67 Trapelo Road, Lincoln, MA 01733.
 - East end of Winter Street Dam – Gated area on north side of Winter Street.
 - Limited container storage on Winter Street Dam across from the Gatehouse.

4. See Specification Section 01140 – Special Provisions, pg 4, Item 11. Protection of Watershed and Water Supply Quality. The Contractor's attention is directed to the fact that the construction area is located within the watershed and storage reservoir of the existing water supply. The Contractor shall take extra precautions to ensure that no pollutants or debris from demolition and construction enter the reservoir or water supply from the construction area. The Contractor shall not store fuels or other hazardous materials or potential contaminants on the construction site. In the event of a spill, the Contractor shall immediately notify the Engineer. The Contractor shall take adequate measures to prevent debris from falling into the water supply located below the floor and outside of the gatehouses.
5. See Specification Section 01270 - Measurement and Payment for a description of the Bid Alternate. Alternate A includes work required for the completion of the new Overflow Stoplogs at Trapelo Road Gatehouse, as shown on Sheet C-6 of the drawings, specifications, and in accordance with all permits. This work is not included in the base bid, Item 1.
6. Underground conduit installation work located in Winter Street shall be scheduled to accommodate the City of Waltham's winter trenching work requirements. No steel plates are allowed after November 15th.
7. Question: Is the water level currently seen at Trapelo Road Gatehouse the level that can be expected during the draw down period?

Answer: The water level observed today at Trapelo Road Gatehouse is approximate Elevation = 176' +/-, and the drawdown level is going to be lower, approximate Elevation = 174.7' +/-.

8. Question: If a contractor wanted to dewater the gate chamber in Trapelo Road Gatehouse to replace the gate without using underwater construction, where can dewatering be discharged?

Answer: The water from gate chamber dewatering could be discharged to the overflow chamber located inside the eastern side of the gatehouse.

City of Cambridge, MA
 Cambridge Reservoir Gatehouse Improvements - ReBid
 Pre-Bid Meeting Sign-in
 August 25, 2010

Attendance

#	Name	Title	Company	Telephone	Email
1	Tom Boland	Proj. Mgr	Weston & Sampson	978-587-5781	bolandt@wseinc.com
2	Bob Russo		RAIR Builders, Inc	978-664-8644	rburk@russobuilders.com
3	LESTER BAKERS	Resident	Pro-Point Restoration LLC	603-435-5113	lbr@propointrestoration.com
4	Shawn McEachern	PM	Northern Contracting	981 821-4200	ShawnM@NorthernContracting.com
5	JASON MAURO	PM	NEW ENGLAND INVESTMENTS	(778) 883-3535	JMAURO@NEWENGLANDINVESTMENTS.COM
6	Simon Moseley	eng.	Atlantic Fluid Tech	508 755-6662	simon@atfbinc.com
7	Dr. Atkins	PM	Lydon Col LLC	508-892-1700	DrAtkins@Lydoncol.com
8	Ron Charville	P.I.M	R+C Construction	781 871-8300	Ron@R+CConstruction.com
9	MYLES BLAIN	ESTIMATE	GVW INC	617-567-6000	JIBBETTS@GVWINC.COM
10	DAVID KAPLAN	PM	CWD	617-349-4799	dkaplan@cambridge.ma.gov
11	CHIP NORTON		CWD	617-349-4781	
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