

AMORY ENGINEERS, P.C.

WATER WORKS • WATER RESOURCES • CIVIL WORKS

25 DEPOT STREET, P.O. BOX 1768
DUXBURY, MASSACHUSETTS 02331-1768

TEL.: 781-934-0178 • FAX: 781-934-6499
WWW.AMORYENGINEERS.COM

April 30, 2013

Ms. Lori Mathieu
Public Health Section Chief
Drinking Water Section
CT Department of Public Health
410 Capitol Avenue, MS #51 WAT
Hartford, CT 06134-0308

Re: Revisions to BPS to Serve Aljen Heights
Project DWSRF No. 2010 0727051a - Water Main Extension to Aljen Heights
Water Pollution Control Authority, Ledyard, CT

Dear Ms. Mathieu:

On behalf of the Ledyard Water Pollution Control Authority, enclosed herewith are revised contract documents for "Construction of Booster Pumping Station to Serve Aljen Heights Water Extension – Phase 1B; Contract 2013-03 REBID". As you aware, DPH approved the pre-bid construction contract documents for the booster pumping station by letter dated February 25, 2013 and the project was competitively bid on April 9, 2013. Unfortunately only one bid was received, which was significantly greater than the budgeted construction amount.

As we discussed at our field meeting April 25, the project scope has been reduced in an effort to bring project cost in line with budgeted funding. Specifically the following changes have been made to the project:

- Reduction of booster pumping station building size (reduced from 30-ft x 11-ft 6-in. to 26-ft 6-in. x 12-ft) and relocation to reduce grading.
- Revision of mechanical piping layout (flow meter to suction side of pumping equipment and revision of discharge/surge relief piping) within the station to accommodate smaller building.
- Modification of ventilation equipment and lighting in pump room.
- Removal of architectural treatment on building exterior (replacement of wooden gable roof with pitched concrete slab; elimination of vinyl siding/architectural treatment and use of exposed textured concrete finish).
- Elimination of separate building for stand-by generator (stand-by generator to be housed adjacent to booster pumping station in weatherproof enclosure)
- Relocation of buried hydropneumatic tank (removed bulkhead into BPS to buried tank with piped connections).
- Elimination of retaining wall that allowed tank bulkhead to project into BPS.
- Treatment change for chlorination equipment to only allow disinfection of Holmberg Tank should chlorine residual decline (manual disinfection process by Groton Utilities).
- Elimination of hydrant and change of connection location for BPS discharge.
- Minor adjustment of site utilities/site grading to accommodate revisions.

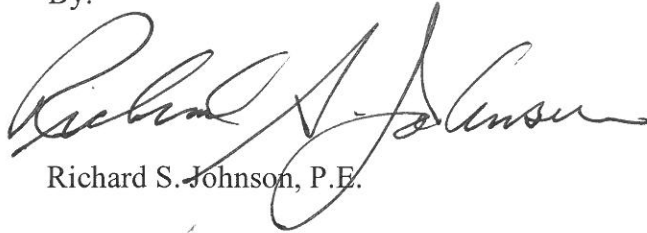
Ms. Lori Mathieu
April 30, 2013
Page 2

The above noted changes do not change the functionality of the booster pumping station; design concept remains same as previously approved. As we discussed in the field, the above noted changes are expected to reduce project costs and it is anticipated more favorable bidding conditions currently exist which should result in additional bid participation and lower bid(s). Should you have any question or require additional information please call me. The Ledyard WPCA awaits your approval of their application.

Very truly yours,

AMORY ENGINEERS, P.C.

By:

A handwritten signature in black ink, appearing to read "Richard S. Johnson". The signature is fluid and cursive, written over a white background.

Richard S. Johnson, P.E.

RSJ:rsj

enc.

cc: Raul Tejada

Ledyard Water Pollution Control Authority

Permanent Municipal Building Committee

Charles Karno

Raymond Valentini