



Addendum No. 1

Holyoke Dam Inflatable Crest Gate Replacement Project

April 17, 2025

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HG&E IFB - Holyoke Dam Inflatable Crest Gate Replacement Project
Addendum No.1
April 17, 2025

Question 1:

Who attended the Pre-Bid Walkthrough on April 3, 2025.

Response 1:

See Attached Sign-in Sheet

Date: 4/3/2025

Pre-Bid Meeting Sign-in Sheet
 Job: Inflatable Crest Gate Replacement at the Holyoke Dam

Name	Company	Address	Phone	Email
Gerry Reichert	O'Connor Corp	45 Industrial Ave Campton MA 02021	781-364-4142	greichert@oconnorcorp.com
KEITH LOCKE	OPUS/H&E		413-355-3105	kllocke@opaintet.com
Deek Ferguson	LIGT		413-536-9425	dferguson@hged.com
Brian Russell	Northern Construction	15th Park St Salmer MA	413-537-7357	brussell@northernconstruction.com
KRIS VAN NAESEN	SUMCO ECO-CONTRACTING	2 CENTENNIAL DR PEABODY, MA 01960	484-678-1876	ESTIMATI.V@SUMCOECO.COM
TONY RAPHAEL	BALLARD	6004 Ft SIMMOND BALT, MD 22120	912-438-1050	tony.raphael@ballardinc.com
Kevin Kishard	Coastal Engineering	2 Sincer Hill Gunnwood Lake NY	201-615-2311	kkinhard@co-diving.com
DAVID SANDERS	HTE ENGINEERING	8675 S. SANDY POND #111 SANDY UT 84070	801-907-1488	dsanders@hydrotest-eng.com

Pre-Bid Meeting Sign-in Sheet

Job: Inflatable Crest Gate Replacement at the Holyoke Dam

Date: _____

Name	Company	Address	Phone	Email
Hammes Reed	JF Brennan	192 Smith St North Kingstown RI 02882	608 518 0564	HREED@JFBRENNAN.COM

Question 2:

The IFB states a Signed Reimbursable Expenses Policy should be signed and completed with our proposal; it does not appear to be included in the documents provided. Can you please provide the Reimbursable Expenses Policy form?

Response 2:

Reimbursable Expenses Policy form is not required for this project.

Please line out the following passages on the listed pages:

Table of Contents: “Reimbursable Expenses Policy.....46”

~~Page 6: “and HG&E’s Reimbursable Expenses Policy”~~

~~Page 12: “2. Signed Reimbursable Expenses Policy”~~

~~Page 39: “2. Signed Reimbursable Expenses Policy”~~

Question 3:

Can you provide a quantity for Testing of Anchor Bolts at Inflatable Crest Gate #4?

Response 3:

See Response 4.

Question 4:

Can you provide a quantity for the concrete repair in each bay?

Response 4:

Please replace the following pages in the bid specification document. See updates / edits in **RED**.

Updates on these pages include estimated quantities for concrete repairs, anchor testing in bay #4, and clarification to cofferdam structures.

These pages also include a deadline for submitting questions prior to submitting a bid on May 2, 2025.

Schedule

Contractor shall prepare and submit, with their bid, a schedule for the work specified herein for HG&E's review and approval,

Contract Milestones

- Mandatory Pre-Bid Meeting: April 3, 2025
- **Deadline for questions: April 28, 2025
(Questions received after this date may not be answered.)**
- Bid due date May 2, 2025
- Notice to proceed May 30th, 2025
- Interim Milestone 01: Order inflatable crest gate replacement materials
- Interim Milestone 02: Deliver materials to the site no later than February 1, 2026
- Interim Milestone 03: Mobilize on site in June 2026 to begin work in the Summer of 2026
- Interim Milestone 04: Work on the replacement of the bladders will commence on July 1, 2026
- Interim Milestone 05: Demobilize from site for the season before high flows and ice sets in, Fall of 2026
- Interim Milestone 06: Mobilize on site in June to begin work in the Summer of 2027
- Interim Milestone 07: Work on the replacement of the bladders will commence on July 1, 2027
- Interim Milestone 08: Complete work and demobilize from site for the season before high flows and ice sets in Fall 2027

Work is expected to be completed over two years and will begin after the upstream fish passage season which typically ends on July 1. **Multiple gates may be replaced concurrently with concurrence from HG&E.**

Bid Validity

Submitted bids shall be valid for a time period of sixty (60) days after the bid due date or a longer time frame if mutually agreed upon by a Bidder and HG&E.

WORK PROTOCOL

Scope of Work

The current Bridgestone rubber bladder system was installed in 2001, just prior to the Department purchasing the Project. The Department is soliciting bids for the in-kind replacement of the five rubber bladder sections and clamping plates. At the time of installation, the Contractor will also perform tension tests on 212 of the embedded clamp plate anchors and **perform select concrete repairs to the existing dam crest as determined by the Engineer utilizing unit price bid items**. No modifications to the electrical, controls, mechanical, or piping systems are anticipated at this time.

In order to perform all work, the Contractor will need to install cofferdams, including flashboards in the crest of the spillway (to be provided by the Contractor) and pins (provided by HG&E), and tailrace bulkheads at the toe of the spillway in the sections to be replaced at the time of replacement to allow all work to be completed in the dry. Currently, pin sockets in the crest exist from the previous installation which are believed to be suitable for re-use, but the Contractor will need to provide the safety equipment and transport system for erecting, sealing, and maintaining the flashboard system during construction. The bid form shall include unit prices to replace the flashboards and cofferdam systems due to damage from high water.

Owners Responsibilities

During the specified working hours below, the rubber bladders being replaced will be placed into a non-operational state in order to provide a safe work environment and suitable construction field conditions, considering the nature of the work. The Contractor shall be responsible and required to continuously coordinate with HG&E regarding planned construction operations by the Contractor and the operation of the available rubber bladders.

Bidders are hereby advised of the following work access restriction, herein referred to as the Annual Spring Fish Passage Season (ASFPS). The ASFPS occurs from April 1 through June 30 of any given year; HG&E under its current operational agreement must operate the existing fish lift facility to facilitate passage of fish species above the dam (upstream), as well as provide adequate downstream river flows to facilitate fish passage through the bascule gate and over the dam apron (downstream). During this period, the Contractor will be restricted from performing work.

Bidders are advised that from time to time throughout the course of any given year flows within the Connecticut River will increase to a degree where the Contractor will be required by HG&E to vacate the dam crest and apron work areas, until such time flows have subsided and no longer pose a threat to personnel, equipment, and materials. In an effort to mitigate the occurrence of Contractor work area demobilizations / evacuations, HG&E shall, to the extent practicable as determined by HG&E, allocate river flows in a preferential manner to maximize the ability of the Contractor to perform work on this contract. Excessive river flows will first be allocated into the First Level Canal, secondly through Hadley Station, finally through the remaining operational rubber bladders.

Measurements and Payments

A. Fabrication & Delivery of Rubber Bladders & Clamp Plates (Bid Form, Item A)

1. Payment of the Lump Sum bid price for all necessary Fabrication and Material Delivery of the five (5) inflatable crest gates and clamping assemblies (i.e. manufacture, material shipment, etc.)

B. Site Mobilization / Demobilization (Bid Form, Item B)

1. Payment of the Lump Sum bid prices 1 through 4 for Item 'B' shall be full compensation for the planned annual mobilization and demobilization required for this project based upon annual river flow and access to the work area. If additional annual mobilizations are required to complete construction a contract amendment or change order will be required.

C. Inflatable Crest Gate # X (Bid Form Item 'Y')

(Crest Gates 1, 2, 3, 4, and 5 (#X) correspond to Bid Form, Items C, D, E, F and G ('Y') respectively.)

1. Payment of the Lump Sum price 1 for item 'Y' shall be full compensation for furnishing all labor, equipment, and material for constructing and maintaining a cofferdam and suitable working environment for crest gate #X. The Department will provide the steel pins that interface with the mounting holes in the dam's crest.
2. Payment of the Lump Sum price 2 for item 'Y' shall be full compensation for the removal, transportation, and disposal of the existing inflatable crest gate #X and clamping assembly.
3. Following the removal of crest gate #X the Contractor will submit to the Department and Engineer an inspection and estimate for concrete repair of the dam crest. Payment for concrete repairs will be in accordance with Units Prices specified in Bid Item 'H'.
4. Payment of the Lump Sum price for 3 for item "Y" shall be for full compensation for conducting tension testing of the anchor bolts and providing the results to the Department and Engineer. The number and location of the bolts to be tested varies by gate and is specified the Bid Form Item and attached testing data from installation. If more testing is determined necessary by the Department or Engineer, payment will be in accordance with the Unit Price specified in item "I". Should replacement of any anchor bolt be necessary, a change order will be required.
5. Payment of the Lump Sum price 4 for item 'Y' shall be in full compensation for furnishing all labor, equipment, and transportation for in the installation of the replacement gate #X and clamping assembly.
6. Payment of the Lump Sum price 5 for item 'Y' shall be in full compensation for furnishing all labor, equipment and material for testing the operation of crest Gate #X.
7. Payment of the Lump Sum price 6 for item 'Y' shall be in full compensation for furnishing all labor and equipment for the removal and disposal of the cofferdam systems for work on gate #X. The Department expects the steel flashboard pins be reused to the maximum extent possible and returned to the Department when no longer serviceable or required.

D. Concrete Repair (Bid Form, Item 'H')

1. Payment for Unit Price 1 through 8 for item 'H' shall be in full compensation for concrete repairs on the dam crest for **the size of repair and quantity specified**. Owner shall transmit to Contractor written direction on extent of concrete repairs required, as specified in Section 03 01 30, Paragraph 3.1.A.5.

E. Additional Work as Authorized by the Owner through Change Orders (Bid Form, Item 'I')

1. Payment of the Unit Price 1 for item 'I' shall be in full compensation for the 'evacuation' and remobilization of personnel, material, and equipment from the work site as directed by the Owner due to high water.
2. Payment of the Unit Price 2 for item 'I' shall be in full compensation for General Conditions and Equipment standby costs during times of high water when directed by the Owner to abandon the works site. Total compensation for this item will not exceed sixteen (16) days.
3. Payment of the Unit Prices 3 through 5 for item 'I' shall be in full compensation for replacement of flashboards after a high water event, for the span length specified.
4. Payment of the Unit Price 6 for item 'I' shall be in full compensation for repair of the downstream cofferdam after a high water event.
5. Payment of the Unit Price 7 for item 'I' shall be in full compensation for conducting tension testing of additional anchor bolts