

**CITY OF BATH LANDFILL 2023 INTERMEDIATE COVER
CITY OF BATH
ADDENDUM NO. 3
FEBRUARY 22, 2023**

Distribution

Addendum No. 3 is stored on the City of Bath website for the 2023 Intermediate Cover.

To All Contractors

Please acknowledge receipt of this Addendum by inserting its number and date in the bid form. Failure to acknowledge the Addendum may subject the bidder to disqualification. This Addendum forms part of the Contract Documents and modifies them as follows:

1. Reading through both addendums, the measurement and payment spec for alternate one reads payment shall be made on a per foot basis, but the bid form makes it look like it is a lump sum. Can you please confirm?
 - Alternate No. 1 is per linear foot. Please see revised bid sheet in Attachment 1.
2. I don't see in the measurement and payment anything about importing material for waste grading. Can you confirm if we need to figure on importing material for the grading, or the idea to mine waste from the landfill farther than the limits shown to achieve grade?
 - There is a pile of waste at the top of the intermediate cover slope towards the center of the landfill. This waste is to be relocated to the intermediate cover waste grading area to achieve final waste grades. Please see Attachment 2.
3. Can you clarify the spec on the bedding material? It almost seems like a gravel. I know in the past we have used dust. Same thing with the common borrow. Is there a material in mind for this?
 - The goal of the bedding material is to develop a smooth surface, free of large rocks, angular rocks, sticks, roots, and debris. We want to avoid any opportunity for holes in the intermediate geomembrane. Crusher dust can be used for this application.
 - The sieve designation was placed under the common borrow specification paragraph in error, please ignore. Below is the updated common borrow specification.

COMMON BORROW

Shall be soil suitable for embankment construction. It shall be free of frozen material, perishable rubbish, peat, organic matter, large rock fragments, or other unsuitable material. Use of other materials as common borrow is at the discretion of the owner's representative and only in approved areas.

If you have any questions or comments regarding this Addendum or the Contract Scope of Work for the City of Bath Landfill 2023 Intermediate Cover, please contact Nick Thompson at Sevee & Maher Engineers, Inc. 207.829.5016, nmt@smemaine.com.

ATTACHMENT 1

SECTION 00100

INSTRUCTIONS TO BIDDERS

1.0 REQUEST FOR BIDS

The City of Bath, Maine Public Works Department will receive bids for the 2023 Intermediate Cover Installation project at the Solid Waste Landfill until 1:00 p.m. Local Time Thursday February 16, 2023. A pre-bid conference will be held at the Bath Department of Public Works office, followed by a site visit at 10:00 a.m., on Wednesday February 8, 2023. Bids shall be marked "Bath Landfill 2023 Intermediate Cover" and may be submitted to the City of Bath in the following way:

In person
Regular Mail or Overnight Mail:

Bath City Clerk
55 Front St
Bath, Maine 04530

2.0 COPIES OF BIDDING DOCUMENTS

The Bidding Documents consist of the following items:

- The Instructions to Bidders
- Section 01010 – Summary of Work
- Technical Specifications
- Construction Drawings dated February 2023

3.0 QUALIFICATIONS OF BIDDERS

The geomembrane installer and manufacturer must meet the experience requirements presented in Section 1.03 Quality Control in Section 02772.

4.0 MEASUREMENT AND PAYMENT

1. Mobilization

- A. Method of Measurement: The quantity to be measured for payment shall be lump sum.
- B. Payment: Payment for waste grading at a lump sum price shall be full compensation for the delivery of all equipment, tools, incidental items, and materials necessary in the performance of the project, and the removal of same upon the successful completion of the work.

2. Waste Grading

- A. Method of Measurement: The quantity to be measured for payment shall be lump sum in conformance with the grades and details shown on the Contract Drawings.
- B. Payment: Payment for waste grading at a lump sum price shall be full compensation for all equipment, labor, tools, incidental items, and materials for the successful completion of the

work. The work includes but is not limited to: relocating, grading, and shaping waste currently in the operating area to the waste grades shown on the plans.

3. Supply and Install Horizontal LFG Header Pipe

- A. Method of Measurement: Per foot of installed pipe.
- B. Payment: Payment shall be made on a per foot basis, which shall be full compensation for all labor, equipment, and materials necessary to install gas collection pipe, as shown on the Drawings.

This item shall include the complete installation of horizontal LFG header pipe, including: all excavation, backfilling and grading; excavation and installation of the gas vacuum header pipe including, common borrow and 8-inch-diameter solid vacuum header pipe; excavation, and connection to existing 8-inch-diameter landfill gas header pipe with 8-inch by 8-inch by 8-inch tee and electrofusion couplings. Construction of a new 8-inch diameter condensate trap and all other work and expense incidental to the construction of collection trenches for which payment is not provided under other items.

As part of this task, Contractor may be required to expose existing infrastructure that may interfere with the alignment of the gas conveyance pipe at the locations of proposed crossings. Contractor shall provide ENGINEER with survey information of existing infrastructure, including coordinates and elevations relative to the datum(s) defined on the Drawings, in the event conflicts with the existing infrastructure occur during the installation of proposed landfill gas pipe. This Work shall be considered incidental.

4. Supply and Install Drainage System Improvements

- A. Method of Measurement: The quantity to be measured for payment shall be lump sum.
- B. Payment: Payment for drainage system improvements at a lump sum price shall be full compensation for all materials, equipment, labor, tools, and incidental items, for the successful completion of the work. The work includes but is not limited to: excavation and backfill, connections to existing leachate control infrastructure, installation of inlet structure, pipe installation, and inlet protection installation, in the locations and at the grades shown on the plans

5. Supply and Install Bedding Layer Material

- A. Method of Measurement: The quantity to be measured for payment shall be cubic yard.
- B. Payment: Payment to furnish and install the bedding layer material shall be cubic yard price for full compensation for transporting to the landfill and placement over the waste as shown on the Contract Drawings, and incidental items shall include all equipment, labor, tools, and materials necessary for the successful completion of the work.

6. Supply and Install Intermediate Geomembrane Cover

- A. Method of Measurement: The quantity to be measured for payment shall be the actual number of square feet of temporary geomembrane cover placed in accordance with the contract documents.

- B. Payment: Payment shall be at the contract unit price per square foot installed which shall be full compensation for transporting geomembrane cover to the landfill, quality control, installation and seaming of the temporary geomembrane cover, anchoring the cover, installation of pipe boots, and incidental work.

7. Incidental Site Work

- A. Method of Measurement: The quantity to be measured for payment shall be lump sum.

- C. Payment: Payment for incidental work at a lump sum price shall be full compensation for installation of drainage piping surface inlets, drainage stone, check dams, assisting geomembrane installation subcontractor, anchor trench, and other incidental items, as shown on the Contract Drawings, and incidental items shall include all equipment, labor, tools, and materials necessary for the successful completion of the work.

Alternate No. 1. Supply and Install Horizontal LFG Collection Pipe

- A. Method of Measurement: Per foot of installed pipe.

- B. Payment: Payment shall be made on a per foot basis, which shall be full compensation for all labor, equipment, and materials necessary to install gas collection trenches, as shown on the Drawings.

This item shall include the complete installation of horizontal LFG collection pipe, including: all excavation, backfilling and grading; excavation and installation of the gas collection trench, including geotextile, porous media and 4-inch-diameter perforated collection pipe; excavation and installation of the 4-inch-diameter solid vacuum pipe and fittings to connect the condensate traps and vacuum header; backfilling of trench; construction and installation of the condensate traps, including excavation and backfill; installation of the wellheads, which will be provided by the City of Bath; and all other work and expense incidental to the construction of collection trenches for which payment is not provided under other items.

5.0 BID FORM

PROJECT IDENTIFICATION: 2023 Intermediate Cover Installation

THIS BID IS SUBMITTED TO: Bath City Clerk
City of Bath
55 Front St
Bath, Maine 04530

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER for the Bid Price and within the Bid Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

All names must be typed or printed in black ink below the signature.

The address and telephone number for the BIDDER must be shown.

Evidence of authority to conduct business in the State of Maine shall be provided.

	ENGINEER'S ESTIMATED QUANTITY	ITEM AND UNIT PRICE BID (in words)	CONTRACTOR'S ESTIMATED QUANTITY	AMOUNT
1	Lump Sum 1	Mobilization. The Sum of \$ _____ Lump sum	Lump Sum _____	\$ _____
2	Lump Sum 1	Waste Grading. The Sum of \$ _____ Lump sum	Lump Sum _____	\$ _____
3	Linear Foot 275	Horizontal LFG Header Trenches The Sum of \$ _____ Per linear foot	Linear Foot _____	\$ _____
4	Lump Sum 1	Drainage System Improvements The Sum of \$ _____ Lump sum	Lump Sum _____	\$ _____
5	Cubic Yard 700	Placement of Bedding Layer (Contractor Supplied) The Sum of \$ _____ Per cubic yard	Cubic Yard _____	\$ _____
6	Square Feet 39,160	Temporary Geomembrane Cover Installation The Sum of \$ _____ per square foot	Square Feet _____	\$ _____
7	Lump Sum 1	Incidental Site Work including but not limited to; Anchor Trench, Erosion Control, Cleanout Extension and Geomembrane Subcontractor Assistance. The Sum of \$ _____ Lump sum	Lump Sum _____	\$ _____
ITEMS 1 THROUGH 7 TOTAL				\$ _____

	ENGINEER'S ESTIMATED QUANTITY	ITEM AND UNIT PRICE BID (in words)	CONTRACTOR'S ESTIMATED QUANTITY	AMOUNT
		Alternate No. 1 Install 550 LF of Landfill Gas Collection Trench Includes Excavation, Piping, Geotextiles, and Backfill = The Sum of \$ _____ Per Linear Foot		

BIDDER agrees that the Work will be substantially complete within 35 consecutive calendar days after work starts, and shall begin no later than.

Changes in the Contract Work (addition and deduction) shall be performed at the unit prices, described below. The unit prices are gross prices, including the Contractor's equipment, labor, supervision, material costs, entire mark-up, field or other costs, including General Conditions, fringe benefits, overhead and profit. The BIDDER shall include with their bid a standard rate sheet for labor and equipment.

Item & Price Bid in Words	Unit Price
Bedding Layer Material – Contractor Supplied (CY)	
Waste Grading (HR)	
Drainage Stone (CY)	
HDPE Gas Collection Pipe – 4-inch DR 17 Perforated (LF)	
HDPE Gas Collection Pipe – 8-inch DR 17 Solid (LF)	
Common Excavation (CY)	
Common Borrow (CY)	
Drainage Stone Check Dams (LF)	
Silt Fence (LF)	
Hay Bale (EA)	

SUBMITTED on _____, 2023

BIDDER

Bidder: _____

Authorized Signature:

By _____
(Name of Person Authorized to Sign – Type or Print)

Title: _____

Business address: _____

Phone No. _____

Evidence of authority to conduct business in Maine: _____

6.0 BIDS TO REMAIN SUBJECT TO ACCEPTANCE

Upon bid opening, the Public Works Department will make a bid acceptance/award recommendation to the Bath City Manager and Bath City Council. The City Council is required to authorize the manager to accept the bid prior to a contract execution. It is anticipated the question will be presented to the council for the projects approval on April 5, 2023. Following City Council authorization, the bidders will be notified and a contract will be executed. Bidders shall be aware of this timeline and bid prices shall be valid through the date of the City Council meeting.

7.0 AWARD OF CONTRACT

Owner reserves the right to reject any or all Bids, including without limitation the rights to reject any or all nonconforming, nonresponsive, unbalanced or conditional Bids and to reject the Bid of any Bidder if Owner believes that it would not be in the best interest of the City to make an award to that Bidder. The Owner reserves the right to limit the amount of work as necessary based on the amount of available funds.

8.0 SIGNING OF AGREEMENT

Within ten (10) days of receipt of notice to award, the OWNER will submit to BIDDER and BIDDER shall execute an Agreement to perform the work described in the Summary of Work.

9.0 SUBMITTALS

- A. Prior to construction the CONTRACTOR shall submit to the OWNER the items identified in Section 1.05 Quality Control Documentation, of Section 02772 of these specifications.
- B. SUBMITTAL PROCEDURES:
 1. Transmit eight copies of each submittal to the Engineer.
 2. No materials covered by submittals shall be stored on-site until submittal for material is approved by the Engineer.
 3. Sequentially number the transmittal forms. Resubmittals to have original number with an alphabetic suffix.
 4. Identify Project, Contractor, Subcontractor or supplier; pertinent Drawing sheet and detail number(s), and specification Section number, as appropriate.
 5. Apply Contractor's stamp, signed or initialed certifying that review, verification of products required, field dimensions, adjacent construction work, and coordination of information, is in accordance with the requirements of the work and Contract Documents.
 6. Schedule submittals to expedite the project, and deliver to the Engineer. Coordinate submission of related items.
 7. Identify variations from Contract Documents and product or system limitations which may be detrimental to successful performance of the completed work.
 8. Provide space for Contractor and Engineer review stamps.
 9. Revise and resubmit submittals as required, identify all changes made since previous submittal.
 10. Distribute copies of reviewed submittals to concerned parties. Instruct parties to promptly report any inability to comply with provisions.

10.0 SALES AND USE TAXES

Owner is exempt from Maine State Sales and Use Taxes on materials and equipment to be incorporated in the Work. Said taxes shall not be included in the Contract Price.

END OF SECTION

ATTACHMENT 2

SURFACE WATER DIVERSION BERM
SEE DWG C-300

PROPOSED CELL 3 STAGE 1
OPERATIONAL WASTE GRADES

INTERMEDIATE
COVER LINER LIMIT

SILT FENCE (TYP)
SEE DWG C-302

CLEAN OUT (TYP)
PROVIDE HAYBALE
DIVERSION BERM (TYP)
SEE DWG C-301

Waste pile to be relocated
and used for waste grading
for the intermediate cover.

LIMIT OF WASTE GRADING

FIELD FIT TO ALLOW

