



Department of Public Works
Engineering Division
Kathy Cryan, Interim Engineering Manager
City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

Deputy City Engineer
Gregory T. Fries, P.E.
Principal Architect 2
Bryan Cooper, AIA
Principal Engineer 2
John S. Fahrney, P.E.
Chris Petykowski, P.E.
Janet Schmidt, P.E.
Principal Engineer 1
Christina M. Bachmann, P.E.
Mark D. Moder, P.E.
James M. Wolfe, P.E.
Financial Manager
Steven B. Danner-Rivers

August 19, 2022

**NOTICE OF ADDENDUM
ADDENDUM 3**

**CONTRACT NO. 9433
SPRING HARBOR DREDGING 2022**

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

SECTION D: SPECIAL PROVISIONS

The below special provision changes remove requirements to dispose of material to the Dane County Landfill. This material instead, shall be disposed of at the Waste Management Madison Prairie Landfill at 6002 Nelson Rd. Sun Prairie, WI. In addition, the changes also require the Contractor to pay all tipping fees.

REPLACE: Replace Article 104 SCOPE OF WORK as noted below:

Section 104: SCOPE OF WORK

The Contractor shall dredge/excavate, load, and haul a total of approximately 4,300 cubic yards of sediment out of Spring Harbor, the man-made harbor located on Lake Mendota, accessible via the Spring Harbor Boat Launch located at 5218 Lake Mendota Drive. The intent of the dredging is to remove sediment that has been deposited by the existing storm outfall to deepen the harbor to a typical harbor depth of 841.6.

The Contractor is made aware that the sediment being removed from Spring Harbor has been determined to be contaminated by the WDNR. If the Contractor proposes to create a road as part of the dredging plan, they are made aware that if the rock used in creating the road is intermixed with the dredge sediment the WDNR will likely consider the rock now contaminated. If this method is used, the Contractor shall be responsible for all costs associated with management of the additional material including but not limited to hauling, dewatering, drying, disposal and all other incidental issues related to the additional disposal of materials used for road. Regardless of the dredge method used, the Contractor shall be responsible to repair any damaged shoreline, concrete boat launch, pier abutment wall, at no extra cost to the City.

Currently, sediment depths as shown on cross sections are approximately between 842.5 and 847.5 as our desired dredge elevation is 841.6 this results in between 1' and 6' depth of dredged sediment to be removed by the Contractor as part of this contract. The summer minimum water elevation of Lake Mendota is 849.6 feet NGVD29 Datum.

The Contractor shall haul the material dredged from Spring Harbor using sealed, water tight trucks to the Madison Metropolitan Sewerage District (MMSD) drying bed, unload, dewater and manage the

materials, re-load upon sufficient drying time and, haul and unload the dry dredged material at the Waste Management Madison Prairie Landfill. The dewatered sediment shall be dried sufficiently to meet the Madison Prairie Landfill Dredge Acceptance Criteria. Specifically, sediment must be transported in leak-proof and covered trucks and be able to pass the paint filter test prior to disposal.

The Contractor shall determine and submit a dredging means and methods plan to the City Engineer for review and approval. The Contractor is notified that hydraulic dredging and dewatering at Spring Harbor shall not be allowed.

The Contractor is encouraged to view Spring Harbor and the MMSD drying bed prior to bidding to become familiar with the existing conditions.

REPLACE: Replace Section 105.13 ORDER OF COMPLETION as noted below:

SECTION 105.13 ORDER OF COMPLETION

The order of doing the work is subject to the review of the City Engineer. Prior to beginning construction operations, the Contractor shall submit to the City a detailed construction schedule showing the sequence and anticipated dates of all construction operations.

All of the dredged material shall be dewatered, meeting the criteria described in this contract, and completely removed from the MMSD drying bed and delivered to the WM® Madison Prairie Landfill by September 15, 2023.

REPLACE: Replace Article 109.2 PROSECUTION OF WORK as noted below:

SECTION 109.2 PROSECUTION OF WORK

The Contractor shall begin work on this project on **October 20, 2022** to minimize impact on the boating season and in accordance with our WDNR permit. Work shall begin only after the start work letter is received. If it is desirable to begin work before the above-mentioned date, the Contractor shall establish a mutually acceptable date with the City Engineering Division (contact the Project Manager, Carissa Wegner, at (608) 261-9822 or cwegner@cityofmadison.com).

The dredging of material from the harbor shall be completed by March 1, 2023. Between the start of construction and September 15, 2023 the Contractor shall be drying, working material and hauling to the Waste Management Madison Prairie Landfill. All dredge material as part of this contract shall be removed completely from MMSD by September 15, 2023, or at a later date as established by the City Engineer, that would correspond with the landfill's ability to manage the materials. **All work under this contract shall be completed by October 1, 2023.**

The Contractor shall limit workdays from 7:00 a.m. to 7:00 p.m., Monday- Saturday per MGO 24.08 3.(f) unless approved by the Project Manager in writing. No work shall be performed on holidays.

REPLACE: Replace Section 109.7 TIME OF COMPLETION as noted below:

SECTION 109.7 TIME OF COMPLETION

Spring Harbor dredging: The dredging work shall take place in Spring Harbor on or before October 20, 2022 and shall be completed by March 1, 2023. During this timeline, all of the dredge material that shall be removed from Spring Harbor as part of this contract shall be hauled to and placed at MMSD. **Prior**

to the Contractor removing equipment from Spring Harbor, the Contractor shall submit a complete CAD survey file, in the coordinate system identified above, that shows completed dredged depths, measured at each cross section as described above.

The removal of sediment material may not occur from March 1st through June 15th of any year per the WI DNR Individual Permit (see Appendix B: PERMITS).

Dewatering dredged material at MMSD: The Contractor shall be actively dewatering the material dredged from Spring Harbor at MMSD shall begin as soon as the Contractor brings the first truck load of material from Spring harbor to MMSD in approximately October 2022, until the material is dry enough for the Contractor to begin hauling it to the Landfill. The Contractor shall begin hauling dry material from MMSD to the Landfill approximately on or before July 15, 2023. The Contractor is responsible for complying with the Madison Prairie Landfill Dredge Acceptance Criteria prior to hauling.

Hauling dry dredged material from MMSD to WM® Madison Prairie Landfill: The Contractor shall begin hauling dry material from MMSD to the WM® Madison Prairie Landfill as soon as it is dry enough beginning approximately on or before July 15, 2023. The Contractor shall complete the hauling of dried material from MMSD to the Landfill by September 15, 2023. All material must be removed from MMSD drying bed and placed at the Landfill by September 15, 2023. The Contractor shall sweep to clean MMSD drying bed area and remove all remaining debris from this contract.

REPLACE: Replace BID ITEM 10911 – MOBILIZATION as noted below:

BID ITEM 10911 – MOBILIZATION

DESCRIPTION

Work under this bid item shall include all of the work and operations necessary for the movement of personnel, equipment, supplied and incidentals to the Spring Harbor project site in accordance with Article 109 of the latest edition of the Standard Specifications for Public Works Contracts.

Mobilization related to dredging and hauling of materials from the Spring Harbor Project site to the MMSD drying bed shall incidental to bid item 90001- DREDGE AND HAUL MATERIAL TO MMSD DRYING BED.

Mobilization related to dewatering sediment at MMSD drying bed shall be included in bid item 90003- DEWATER SEDIMENT AT MMSD.

Mobilization related to hauling the dry material from MMSD and disposing it at the WM® Madison Prairie Landfill shall be included in bid item 90004 - HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL.

No additional compensation shall be provided for re-mobilization or de-mobilization prior to or after the contract completion date regardless of the cause for work to be completed after that date, or if the Contractor decides to suspend work at any time during the project.

METHOD OF MEASUREMENT

Mobilization shall be measured Lump Sum.

BASIS OF PAYMENT

Mobilization shall be paid in accordance with Section 109.14 of the Standard Specifications.

REPLACE: Replace last paragraph, under subheading DESCRIPTION of BID ITEM 90001 – DREDGE AND HAUL MATERIAL TO MMSD DRYING BED, as noted below:

All work required to re-load dry material at MMSD, haul to, and unload the dry material at the Landfill shall be paid under Bid Item 90004 - HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL.

REPLACE: Replace BID ITEM 90003 – DEWATER SEDIMENT AT MMSD as noted below:

BID ITEM 90003- DEWATER SEDIMENT AT MMSD

DESCRIPTION

Work under this bid item shall include all mobilizations, labor, equipment, and incidentals required dewater sediment at the Madison Metropolitan Sewerage District’s East Drying Bed (MMSD). This bid item shall include any and all work including any material moving, working, handling of dredged sediment materials as necessary for dewatering. Double handing of materials shall be anticipated and shall be included in this bid item. NOTE: Only dredged sediment shall be dewatered at MMSD. Clear stone shall not be permitted in the MMSD drying bed.

The Contractor shall provide a dewatering plan in the Methods and Methods plan to the Construction Engineer for approval prior to commencing dredging as identified in Section 109.5 of these Special Provisions. The Contractor shall include a dewatering timeline in the Construction Schedule for approval by the Project Manager prior to beginning dredging work

At a minimum, material shall be worked or rotated 2x weekly or more at the Contractor’s discretion to facilitate drying. The Contractor shall work the material such that “cells” of material are dried and made available for loading, hauling and disposal at the Madison Prairie Landfill. The Contractor may keep equipment needed to work the dredged materials on site at the MMSD drying bed. Equipment stored at MMSD shall be stored on a paved surface or Contractor-made stone pad to minimize soil migration from unimproved areas. Material dewatering as part of this contract dewatering at MMSD may need to be moved within the MMSD drying bed by the Contractor periodically to make room for new material arriving to the drying bed from other projects.

Dewatered sediment shall be dried to meet WM® Madison Prairie Landfill dredge acceptance criteria, including:

- a.) Passing the test for free liquids (<https://www.epa.gov/hw-sw846/sw-846-test-method-9095b-paint-filter-liquids-test>)
- b.) Able to support its own weight as well as the weight of material placed over it to ensure landfill airspace buildup and slope stability
- c.) Capable of being worked and managed by the landfill’s low ground pressure bulldozers, ie must be stackable and blade-able
- d.) Able to meet minimum unconfined compressive strength of 1,000 psf as demonstrated by ASTM Method D2166

The above requirements, are not inclusive of all required dredge acceptance criteria for the Landfill. The Contractor shall be required to work with the landfill to determine acceptance requirements and any potential stabilization requirements prior to acceptance. The Madison Prairie Landfill Site Engineer can be

reached at 608.837.9031 for further questions.

All Mobilization related to dewatering shall be incidental to this Bid Item.

All Spring Harbor material shall be dry enough to be removed from MMSD and hauled to the WM® Madison Prairie Landfill by September 15, 2023.

METHOD OF MEASUREMENT

Dewater Sediment at MMSD shall be measured by Cubic Yards as listed on the proposal Page. No adjustment has been made to the quantity for shrink or swell or water content in the sediments in place or the additional water that will be carried as a result of the dredging. The Contractor will not be paid extra if the soil expands, or paid less once the soil shrinks from being dewatered.

BASIS OF PAYMENT

Dewater Sediment at MMSD shall be measured as described above and shall be paid for at the contract price which shall be full compensation for all mobilizations, work, materials, labor, and incidentals required to complete the work as set forth in the description.

REPLACE: Replace BID ITEM 90004 – HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL as noted below:

BID ITEM 90004- HAULING AND DISPOSAL OF DRY MATERIAL FROM MMSD TO LANDFILL

DESCRIPTION

This bid item shall include all mobilizations, labor, materials, and vehicles necessary for re-loading dry material in water-tight, sealed trucks, hauling the material from the MMSD drying bed to the WM® Madison Prairie Landfill located at 6002 Nelson Road, Sun Prairie, WI 53590. This bid item shall include the unloading of, and disposal of the material at the Landfill. Analytical test results for the sediment have already been submitted to the landfill to set up a disposal profile form and determine a tipping fee. **The Contractor shall pay all tipping fees.**

The Waste Management Industrial Account Manager is Brian Smith (414.793.0232, bsmith45@wm.com). Questions related to the analytical testing can be directed to Brynn Bemis, City of Madison Engineering (608.695.1385, bbemis@cityofmadison.com).

The Project Manager shall be notified 48 hours prior to hauling the first truck of material to the Landfill. The Contractor shall coordinate access and placement of the material with the Landfill. The Contractor will be provided contact information for the WM® Madison Prairie Landfill .

Mobilization for this work shall be incidental to this bid item.

The methods and equipment plan shall include a plan for the gradual removal of dry sediment to be hauled from MMSD to the Landfill.

Dewatered sediment shall be dried to meet WM® Madison Prairie Landfill dredge acceptance criteria, including:

- a.) Passing the test for free liquids (<https://www.epa.gov/hw-sw846/sw-846-test-method-9095b-paint-filter-liquids-test>)
- b.) Able to support its own weight as well as the weight of material placed over it to ensure landfill airspace buildup and slope stability

- c.) Capable of being worked and managed by the landfill's low ground pressure bulldozers, ie must be stackable and blade-able
- d.) Able to meet minimum unconfined compressive strength of 1,000 psf as demonstrated by ASTM Method D2166

The above requirements, are not inclusive of all required dredge acceptance criteria for the Landfill. The Contractor shall be required to work with the Landfill to determine acceptance requirements and any potential stabilization requirements prior to acceptance.

Once all material has been removed from the MMSD drying bed the site shall be restored as directed by the Project Manager.

Mobilization for this work shall be paid under Bid Item 10911 –MOBILIZATION.

The Contractor SHALL BE responsible for tipping fees at the WM® Madison Prairie Landfill.

METHOD OF MEASUREMENT

Hauling and Disposal of Dry Material from MMSD to Landfill, as described above shall be measured by Cubic Yards as listed on the Proposal Page.

BASIS OF PAYMENT

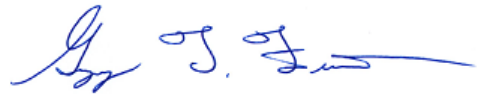
Hauling and Disposal of Dry Material from MMSD to Landfill, as measured above, shall be full compensation for all work, materials and incidentals to complete the work as described above.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express website at:

<http://www.bidexpress.com>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.


For:
Kathy Cryan, Interim Engineering Manager

CC:
Greg Fries
Carissa Wegner
Sarah Lerner