



## ADDENDUM NO. 2

Client: **City of Novi**  
Project Name: **Salt Dome Reconstruction**  
Location: **City of Novi**  
Project Number: **60728767**  
Issue Date: **October 11, 2024**

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ORIGINAL BID DATE: October 17, 2024  
REVISED BID DATE: October 22, 2024

BID TIME: 11:00 a.m.  
BID TIME: 11:00 a.m.

Addendum No. 2 to the project manual for the above captioned project supersedes all contrary and/or conflicting information on said drawings and specifications, which are hereby amended in certain particulars as below. This Addendum No.2 also answers questions received by prospective bidders.

### PROJECT MANUAL REVISIONS

Page 88: General Information

Remove Page 88 and insert attached revised new Page 88. Added clarification of approximate amount of materials that may be kept on site to store behind the City of Novi's block wall storage bins

Page 95: Salt Dome

Remove Page 95 and insert attached revised new Page 95. Added language on materials of proposed salt dome structures

Page 96: Conveyor System

Remove Page 96 and insert attached revised new Page 96. Added language on materials of proposed conveyor system and hopper.

### QUESTIONS AND ANSWERS

**Q:** When can we visit the site prior to the bid date?

**A:** A time for a meeting does not to be scheduled. You may visit the DPW at 26300 Lee BeGole Drive at any time during working hours (Monday – Friday 8:00 – 3:30). Ask for Matt Wiktorowski.

**Q:** The specifications for the new Salt Dome are unclear. Please provide approved Building suppliers along with material specifications.

**A:** There are no pre-approved suppliers. The intent of the project is to replace the existing timber and shingle dome with the same style and materials on top of a 10' tall poured-concrete wall. However, if a prospective bidder has different materials that they would like to use in the contract for the structure, it should be noted in the bid and The City/Engineer may consider your proposed alternate. Ultimately the proposed structure must meet the size and storage requirements as noted in the specifications and be able to fit within the available footprint and accommodate a conveyor system to load the dome.

**Q:** The specifications for the Conveyor are unclear. Please provide approved Conveyor suppliers along with material specifications.

**A:** There are no pre-approved suppliers. Material for the hopper/conveyor shall be stainless steel. However, if a prospective bidder has different materials that they would like to use in the contract for the conveyor/hopper, it should be noted in the bid and we may consider your proposed alternate. Hopper capacity must be a minimum of 175 cubic feet. Conveyor belt must be textured so as to be able to appropriately transport salt. Ultimately approvals will be made based on shop drawings as long as they meet the capacity requirements as noted in the specifications.

**Q:** The First date of interim substantial completion date of June 30, 2025 is not achievable. Since there is an asphalt floor going down in the new salt dome floor before construction of Salt Dome, there are concerns on when asphalt can be placed.

**A:** The asphalt for the salt dome floor can be placed after the construction of dome itself. The completion date for the salt dome floor may be met at the second substantial completion date.

**Q:** Does the city have a location where generated spoils can be hauled to?

**A:** As noted in the "**GENERAL**" section on page 88 of the Project Manual, "some suitable surplus material may be kept on site to be piled behind the block wall to be replaced by Novi". This will be approximately 150 cubic yards worth of material. The remaining material generated by excavation processes during the project will be the sole responsibility of the Contractor for removal and disposal.

**Q:** Will there be a pre-bid meeting for this project?

**A:** No pre-bid meeting is scheduled. Any additional questions can be submitted through an RFI.

Respectfully submitted:



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AECOM  
(616) 574-8500

## SPECIFICATIONS

### **GENERAL**

All work shall be constructed in accordance with applicable portions of the 2020 Michigan Department of Transportation Standard Specifications for Construction unless otherwise specified in the following Specifications or specified otherwise on the plans.

Surplus and unsuitable material, including but not limited to, existing pavements, culverts, trees, brush, and earth shall become the property of the Contractor and removed from the site. Some suitable surplus material may be kept on site to be piled behind the block wall to be replaced by Novi (approximate quantity is 150 cubic yards). Debris shall be disposed of promptly and not stored on the site. Roadways and sidewalks shall be kept clean. Contractor shall sweep roadways prior to acceptance and whenever ordered by the Engineer at no additional cost.

Protect and maintain all benchmarks, monuments, or other established reference points or property corners. If disturbed or destroyed, the Contractor shall repair or replace the benchmark/monument at his own expense to the satisfaction of the City Engineer and the Oakland County Remonumentation Surveyor.

Contractor submittals shall include product data for all products proposed for use. Submittals shall also include proposed concrete mix designs and the sources and pits proposed for materials. Shop drawings shall be provided for all precast concrete products.

The Engineer will provide full time inspection and material testing as required to ensure compliance with the Contract Documents.

Staking will be provided as required. The Contractor shall provide a minimum of three working days advance notice for staking requests. Stakes destroyed or damaged due to lack of care by the Contractor will be replaced by the Engineer at the Contractor's expense.

Dust due to the Contractors operations shall be kept to the minimum possible. Watering for dust control shall be performed by the Contractor when ordered by the Engineer at the Contractor's expense.

### **PERMITS**

The City will issue a Soil Erosion and Control Permit in the Contractor's name. Contractor shall construct the project in full compliance with this permit.

### **UTILITY COORDINATION**

There are known utilities within the construction limits, however, none are expected to interfere with construction activities. Should utilities be encountered, Contractor shall exercise caution when working near existing utilities. Hand exposure of existing underground telephone lines or other facilities may be required to verify the existing depth of the lines.

The cost of repair of utility facilities damaged by the Contractor's operations shall be borne by the Contractor at no additional cost to the project. All work required for utility coordination will be considered as included in the Contract unit prices paid for other items of work and will not be paid for separately.

Contact information for existing utility company representatives are shown on the title sheet of the plans.

### **MAINTAINING TRAFFIC**

A full closure with lead in signs is not required, however, the construction zone shall be delineated and protected in some manner to prevent accidents or vehicular access to the construction area.

### **CONSTRUCTION INFLUENCE AREA (CIA)**

The CIA shall include the right-of-way of the following roadways, within the approximate limits as follows:



**CITY OF NOVI**

# SPECIFICATIONS

## SALT DOME

### **Description**

This work consists of the removal of the existing salt dome and placement of a new salt dome

### **Materials**

All materials must comply with any applicable local standards.

The intent of the project is to replace the existing timber and shingle dome with the same style and materials on top of a 10' tall poured-concrete wall. However, if a prospective bidder has different materials that they would like to use in the contract for the structure, it should be noted in the bid and The City/Engineer may consider your proposed alternate.

### **Construction Methods**

All work shall be done in compliance with any applicable local standards and codes.

### **Measurement and Payment**

Salt dome work will be measured and paid for at the contract unit prices for the following contract items.

Estimated quantities for these items are as follows:

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
Salt Dome, Remove	Lump Sum	1
Salt Dome, 82' Diameter	Lump Sum	1

**Salt Dome, Remove** includes all work to demolish and remove the existing Novi salt dome, which includes the wall, floor, footing, and any other permanent aspect of the structure. This also includes the disposal of all material from the demolished structure. This also includes the removal of pavement surrounding the existing salt dome required to construct the new salt dome / floor / footing that would not have otherwise been required to be removed for other site work.

**Salt Dome, 82' Diameter** includes all work and materials to construct a new 82' diameter salt dome with a 10' high concrete wall. The new salt dome shall have a minimum capacity of 3,000 tons with a door width of 18'. This dome shall also have an opening and structural capabilities to accommodate a conveyor system. This item also includes any required materials and electrical work to install a fan and lighting. Additional lighting should be present to illuminate the entryway. Construction of the conveyor system and additional electrical work for the conveyor system will be paid for separately. This also includes the placement of new concrete surrounding the new salt dome to replace the concrete removed that would not have otherwise been required to be removed for other site work. The payment of Salt Dome, 82' Diameter also includes all work and materials to place a new salt dome floor (see typical cross section sheet of plans). This work includes the excavation and removal of materials to the planned footing elevation, any placement of aggregate base, and placement of any additional footing for the new salt dome. Any additional excavation and subsequent backfill required by the engineer due to encountering poor soils will be paid for separately using the Excavation, Fdn and Embankment Structure, CIP items. Salt dome floor and footing shop drawings must be submitted to the Engineer for approval.



SPECIFICATIONS

**CONVEYOR SYSTEM**

**Description**

This work consists of the delivery, construction, and installation of an above grade hopper, support structure, and incline conveyor system to load the salt dome. Conveyor system must have the capacity to load at least 225 tons per hour to be powered by a 480V/3Ø,100A power circuit.

**Materials**

All materials must comply with any applicable local standards. Material for the hopper shall be stainless steel and the capacity shall be a minimum of 175 cubic feet. Conveyor belt must be textured so as to be able to appropriately transport salt. However, if a prospective bidder has different materials that they would like to use in the contract for the conveyor hopper or transport system, it should be noted in the bid and we may consider your proposed alternate.

**Construction Methods**

All work shall be done in compliance with any applicable local standards and codes.

**Measurement and Payment**

Conveyor system will be measured and paid for at the contract unit prices for the following contract items.

Estimated quantities for these items are as follows:

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
Conveyor System Furnish and Install	Lump sum	1

**Conveyor System Furnish and Install** includes all work to deliver, construct, and install all applicable elements of the conveyor system. This also includes any attachments or connections required to feed the conveyor into the newly constructed salt dome.

