



New Salt and  
Aggregate Bins



New Salt Conveyor  
& Hopper System



Remove/Replace  
82' diameter  
Salt Dome



## Department Of Public Works Existing Salt Storage Dome



Current Dome Structure



Pannel Damage and Temporary Repair



Damaged Framework and Entrance



Entryway Separation



Entryway Damage



October 29, 2024  
Mr. Ben Croy, PE  
City of Novi  
Engineering Department  
26300 Lee BeGole Drive  
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation  
Salt Dome Reconstruction  
AECOM Project Number 60728767

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Three bids were received and opened on October 22<sup>nd</sup>, 2024. Competition appears to have been good – the low bidder is far less expensive than the cost that was proposed to the City earlier this summer. Mathematical errors were noted in each of the bidders. The errors on the low bidder were clarified and they ultimately did not impact the order of the bidders. The error in the low bidder was an error in the multiplication of items as well as summation of the project total. The error in the middle bidder was in the multiplication of unit prices to total costs. The error in the highest bidder was in a summation of all items, not an individual multiplication error between a quantity and a unit price of an item.

The low bid is lower than the Engineer's Estimate for the Project.

Brenca Contractors, the low bidder for the project, has not previously performed work in the City of Novi, but references were called and we heard only positive reviews. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of contract for the contract work to Brenca Contractors for \$1,283,556.55. The amount bid for Inspection (Crew Days) is not included in the award amount.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sean Kelsch".

Sean Kelsch, P.E.  
Project Manager

cc: Mark Koskinen, AECOM

**City of Novi**  
**Salt Dome Reconstruction**  
**Tabulation of Bids**  
**Bid Opening: 10/22/2024**

| Item No. | Item Description                                  | Unit | Total Bid Quantity | Engineers Estimate |                       | Brencl Contractors, Inc. |                       | The Summit Company, Inc |                       | Marcus Construction Company, Inc. |                       |
|----------|---------------------------------------------------|------|--------------------|--------------------|-----------------------|--------------------------|-----------------------|-------------------------|-----------------------|-----------------------------------|-----------------------|
|          |                                                   |      |                    | Unit Price         | Total Bid Cost        | Unit Price               | Total Bid Cost        | Unit Price              | Total Bid Cost        | Unit Price                        | Total Bid Cost        |
| 1        | Mobilization (10%)                                | LSUM | 1                  | \$146,654.13       | \$146,654.13          | \$ 127,000.00            | \$ 127,000.00         | \$ 130,000.00           | \$ 130,000.00         | \$ 25,000.00                      | \$ 25,000.00          |
| 2        | Pre-Construction Audio Visual                     | LSUM | 1                  | \$ 2,000.00        | \$2,000.00            | \$ 2,810.83              | \$ 2,810.83           | \$ 4,000.00             | \$ 4,000.00           | \$ 1,170.40                       | \$ 1,170.40           |
| 3        | Erosion Control, Silt Fence                       | Ft   | 200                | \$ 4.00            | \$800.00              | \$ 3.37                  | \$ 674.00             | \$ 4.00                 | \$ 800.00             | \$ 30.00                          | \$ 6,000.00           |
| 4        | Erosion Control, Inlet Protection, Fabric Drop    | Ea   | 4                  | \$ 200.00          | \$800.00              | \$ 224.87                | \$ 899.48             | \$ 200.00               | \$ 800.00             | \$ 500.00                         | \$ 2,000.00           |
| 5        | Pavt, Rem, Modified                               | Syd  | 388                | \$ 18.00           | \$6,984.00            | \$ 37.93                 | \$ 14,716.84          | \$ 180.00               | \$ 69,840.00          | \$ 20.62                          | \$ 8,000.56           |
| 6        | HMA Surface, Rem, Modified                        | Syd  | 341                | \$ 18.00           | \$6,138.00            | \$ 26.23                 | \$ 8,944.43           | \$ 40.00                | \$ 13,640.00          | \$ 46.92                          | \$ 15,999.72          |
| 7        | Curb and Gutter, Rem, Modified                    | Ft   | 89                 | \$ 25.00           | \$2,225.00            | \$ 13.20                 | \$ 1,174.80           | \$ 54.83                | \$ 4,879.87           | \$ 113.49                         | \$ 10,100.61          |
| 8        | Conc Pavt with Integral Curb, Nonreinf, 12 inch   | Syd  | 731                | \$ 75.00           | \$54,825.00           | \$ 117.62                | \$ 85,980.22          | \$ 134.34               | \$ 98,202.54          | \$ 122.00                         | \$ 89,182.00          |
| 9        | Aggregate Base, 21AA Limestone, 8 inch            | Syd  | 738                | \$ 16.00           | \$11,808.00           | \$ 19.15                 | \$ 14,132.70          | \$ 31.06                | \$ 22,922.28          | \$ 87.00                          | \$ 64,206.00          |
| 10       | Concrete Spillway                                 | Ft   | 10                 | \$ 100.00          | \$1,000.00            | \$ 53.97                 | \$ 539.70             | \$ 165.00               | \$ 1,650.00           | \$ 110.00                         | \$ 1,100.00           |
| 11       | Riprap, Plain                                     | Syd  | 8                  | \$ 200.00          | \$1,600.00            | \$ 80.95                 | \$ 647.60             | \$ 50.00                | \$ 400.00             | \$ 165.50                         | \$ 1,324.00           |
| 12       | Pipe Bollard                                      | Ea   | 2                  | \$ 1,500.00        | \$3,000.00            | \$ 1,011.90              | \$ 2,023.80           | \$ 1,000.00             | \$ 2,000.00           | \$ 1,012.00                       | \$ 2,024.00           |
| 13       | Salt Dome, Rem                                    | LSUM | 1                  | \$ 120,000.00      | \$120,000.00          | \$ 46,708.17             | \$ 46,708.17          | \$ 35,000.00            | \$ 35,000.00          | \$ 42,400.00                      | \$ 42,400.00          |
| 14       | Salt Dome, 82' Diameter w/ 10' Wall               | LSUM | 1                  | \$ 860,000.00      | \$860,000.00          | \$ 529,094.44            | \$ 529,094.44         | \$ 565,000.00           | \$ 565,000.00         | \$ 847,180.00                     | \$ 847,180.00         |
| 15       | Conveyor System Furnish and Install               | LSUM | 1                  | \$ 165,000.00      | \$165,000.00          | \$ 239,595.38            | \$ 239,595.38         | \$ 205,030.00           | \$ 205,030.00         | \$ 165,000.00                     | \$ 165,000.00         |
| 16       | Conduit, Schedule 80 PVC, 2 inch                  | Ft   | 300                | \$ 11.00           | \$3,300.00            | \$ 51.82                 | \$ 15,546.00          | \$ 40.00                | \$ 12,000.00          | \$ 17.51                          | \$ 5,253.00           |
| 17       | Conduit, RGS, 1-1/4 inch                          | Ft   | 100                | \$ 24.00           | \$2,400.00            | \$ 26.98                 | \$ 2,698.00           | \$ 94.25                | \$ 9,425.00           | \$ 96.45                          | \$ 9,645.00           |
| 18       | DB Cable, in Conduit, 600V, 1/C#3                 | Ft   | 2,025              | \$ 4.00            | \$8,100.00            | \$ 4.83                  | \$ 9,780.75           | \$ 7,500.00             | \$ 8,250.00           | \$ 10.40                          | \$ 21,060.00          |
| 19       | Cable, Equipment Grounding Wire, 1/C#8            | Ft   | 675                | \$ 1.75            | \$1,181.25            | \$ 3.13                  | \$ 2,112.75           | \$ 8,569.00             | \$ 9,425.90           | \$ 10.50                          | \$ 7,087.50           |
| 20       | Combination Starter/Non-Fusible Disconnect Switch | Ea   | 1                  | \$ 11,500.00       | \$11,500.00           | \$ 6,790.97              | \$ 6,790.97           | \$ 200.00               | \$ 200.00             | \$ 5,750.00                       | \$ 5,750.00           |
| 21       | Fusible Disconnect Switch                         | Ea   | 1                  | \$ 4,000.00        | \$4,000.00            | \$ 5,216.91              | \$ 5,216.91           | \$ 2,000.00             | \$ 2,000.00           | \$ 4,000.00                       | \$ 4,000.00           |
| 22       | Conc, Grade 3500                                  | Cyd  | 152                | \$ 600.00          | \$91,200.00           | \$ 440.83                | \$ 67,006.16          | \$ 7,600.00             | \$ 7,600.00           | \$ 612.00                         | \$ 93,024.00          |
| 23       | Reinforcement, Steel, Epoxy Coated                | Lb   | 14,718             | \$ 2.50            | \$36,795.00           | \$ 1.47                  | \$ 21,635.46          | \$ 2.17                 | \$ 31,938.06          | \$ 1.80                           | \$ 26,492.40          |
| 24       | Excavation, Fdn                                   | Cyd  | 950                | \$ 30.00           | \$28,500.00           | \$ 26.25                 | \$ 24,937.50          | \$ 31.58                | \$ 30,001.00          | \$ 39.90                          | \$ 37,905.00          |
| 25       | Backfill, Structure, CIP                          | Cyd  | 378                | \$ 45.00           | \$17,010.00           | \$ 50.94                 | \$ 19,255.32          | \$ 39.68                | \$ 14,999.04          | \$ 60.90                          | \$ 23,020.20          |
| 26       | Embankment Structure, CIP                         | Cyd  | 475                | \$ 45.00           | \$21,375.00           | \$ 54.24                 | \$ 25,764.00          | \$ 475.00               | \$ 15,000.00          | \$ 33.90                          | \$ 16,102.50          |
| 27       | Maintaining Traffic                               | LSUM | 1                  | \$ 2,000.00        | \$2,000.00            | \$ 2,248.67              | \$ 2,248.67           | \$ 5,000.00             | \$ 5,000.00           | \$ 5,000.00                       | \$ 5,000.00           |
| 28       | Surface Restoration                               | LSUM | 1                  | \$ 5,000.00        | \$5,000.00            | \$ 5,621.67              | \$ 5,621.67           | \$ 7,639.00             | \$ 7,639.00           | \$ 5,000.00                       | \$ 5,000.00           |
|          |                                                   |      |                    |                    |                       |                          |                       |                         |                       |                                   |                       |
|          | <b>Total Construction Cost</b>                    |      |                    |                    | <b>\$1,615,195.38</b> |                          | <b>\$1,283,556.55</b> |                         | <b>\$1,307,642.69</b> |                                   | <b>\$1,540,026.89</b> |

indicates corrected entry  
indicates bid unit price was rounded to the nearest penny  
Unsure of proper unit price or total price

**BID**  
**For**  
**Salt Dome Reconstruction**

Bid of Brenca Contractors, Inc. hereinafter called Bidder,  
organized and existing under the laws of or a resident of the State of Michigan, doing business as  
a Corporation \*.

\*Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the sites of the work and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.

1  
2

Addendum Date

10-7-24  
10-11-24

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices:

| Bid      |                                                |      |          |               |               |
|----------|------------------------------------------------|------|----------|---------------|---------------|
| Item No. | Item Description                               | Unit | Quantity | Unit Price    | Total Price   |
| 1        | Mobilization (10% Max.)                        | LSUM | 1        | \$ 127,000.00 | \$ 127,000.00 |
| 2        | Pre-Construction Audio Visual                  | LSUM | 1        | \$ 2810.83    | \$ 2810.83    |
| 3        | Erosion Control, Silt Fence                    | Ft   | 200      | \$ 3.37       | \$ 674.60     |
| 4        | Erosion Control, Inlet Protection, Fabric Drop | Ea   | 4        | \$ 224.87     | \$ 899.47     |
| 5        | Pavt, Rem, Modified                            | Syd  | 388      | \$ 37.93      | \$ 14,716.40  |
| 6        | HMA Surface, Rem, Modified                     | Syd  | 341      | \$ 26.23      | \$ 8,944.07   |



CITY OF NOVI

| Bid              |                                                   |      |          |                 |               |
|------------------|---------------------------------------------------|------|----------|-----------------|---------------|
| Item No.         | Item Description                                  | Unit | Quantity | Unit Price      | Total Price   |
| 7                | Curb and Gutter, Rem, Modified                    | Ft   | 89       | \$ 13.20        | \$ 1,174.93   |
| 8                | Conc Pavt with Integral Curb, Nonreinf, 12 inch   | Syd  | 731      | \$ 117.62       | \$ 85,982.45  |
| 9                | Aggregate Base, 21AA Limestone, 8 inch            | Syd  | 738      | \$ 19.15        | \$ 14,130.51  |
| 10               | Concrete Spillway                                 | Ft   | 10       | \$ 53.97        | \$ 539.68     |
| 11               | Riprap, Plain                                     | Syd  | 8        | \$ 80.95        | \$ 647.62     |
| 12               | Pipe Bollard                                      | Ea   | 2        | \$ 1,011.90     | \$ 2,023.80   |
| 13               | Salt Dome, Rem                                    | LSUM | 1        | \$ 46,708.17    | \$ 46,708.17  |
| 14               | Salt Dome, 82' Diameter w/ 10' Wall               | LSUM | 1        | \$ 581,936.06   | \$ 581,936.06 |
| 15               | Conveyor System Furnish and Install               | LSUM | 1        | \$ 239,595.38   | \$ 239,595.38 |
| 16               | Conduit, Schedule 80 PVC, 2 inch                  | Ft   | 300      | \$ 51.82        | \$ 15,547.28  |
| 17               | Conduit, RGS, 1-1/4 inch                          | Ft   | 100      | \$ 26.98        | \$ 2,698.40   |
| 18               | DB Cable, in Conduit, 600V, 1/C#3                 | Ft   | 2,025    | \$ 4.83         | \$ 9,790.13   |
| 19               | Cable, Equipment Grounding Wire, 1/C#8            | Ft   | 675      | \$ 3.13         | \$ 2,109.81   |
| 20               | Combination Starter/Non-Fusible Disconnect Switch | Ea   | 1        | \$ 6,790.97     | \$ 6,790.97   |
| 21               | Fusible Disconnect Switch                         | Ea   | 1        | \$ 5,216.91     | \$ 5,216.91   |
| 22               | Conc, Grade 3500                                  | Cyd  | 152      | \$ 440.83       | \$ 67,006.11  |
| 23               | Reinforcement, Steel, Epoxy Coated                | Lb   | 14,718   | \$ 1.47         | \$ 21,677.79  |
| 24               | Excavation, Fdn                                   | Cyd  | 950      | \$ 26.25        | \$ 24,935.18  |
| 25               | Backfill, Structure, CIP                          | Cyd  | 378      | \$ 50.94        | \$ 19,254.53  |
| 26               | Embankment Structure, CIP                         | Cyd  | 475      | \$ 54.24        | \$ 25,764.30  |
| 27               | Maintaining Traffic                               | LSUM | 1        | \$ 2,248.67     | \$ 2,248.67   |
| 28               | Surface Restoration                               | LSUM | 1        | \$ 5,621.67     | \$ 5,621.67   |
| TOTAL BID PRICE: |                                                   |      |          | \$ 1,283,556.55 |               |

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received.

The project must meet an interim substantial completion date of June 30, 2025, and a second substantial completion date of July 31, 2025. Final completion must be by August 15, 2025.



CITY OF NOVI

The interim substantial completion shall include all site work and the construction of the salt dome. The Second substantial completion includes the construction of the conveyor system and connection of all electrical elements. Final completion is final surface restoration of topsoil, grass seed, and mulch.

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of any of the completion times listed above, the OWNER will suffer a damage of Eight Hundred Dollars (\$800.00) per calendar day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on 10-22-24  
Date\*

26079 Schoenherr Rd  
Street\*

Warren, MI 48089  
City, State, ZIP\*

586-758-6000  
Telephone Number\*

586-758-6006  
Facsimile Number\*

BY: Brenca Contractors, Inc.  
Name of Bidder\*

Dakota Carie  
Signature

Dakota Carie Office Manager  
Name and Title of Signatory\*

\*Typed or printed in ink.



CITY OF NOVI

26079 Schoenherr Rd  
Warren, MI 48089  
Ph.: (586) 758-6000  
Fax: (586) 758-6006  
[www.brencal.net](http://www.brencal.net)

**BRENCAL  
CONTRACTORS  
INC.**

**GENERAL  
CONTRACTORS**

October 22, 2024

City of Novi

Attn: Sean Kelsch, PE

Ref: Novi Salt Dome Reconstruction Voluntary Alternates

Sean,

Brencal Contractors, Inc. is pleased to provide the following Voluntary Alternates:

*Voluntary Alternate No. 1 Directional Bore 2" PCV Conduit DEDUCT..... (\$7,925.00)*  
*Voluntary Alternate No. 2. Provide Fabric Dome Structure in Lieu of Wood Dome DEDUCT....*  
*(\$15,000.00)*

If you have any questions, please contact me.

Sincerely yours,  
BRENCAL CONTRACTORS, INC.

Michael Basta  
Senior Project Estimator