



CITY OF NOVI CITY COUNCIL
NOVEMBER 12, 2024

SUBJECT: Consideration of approval to award the DPW Salt Dome Reconstruction contract to Brenca Contractors, Inc., the low bidder, in the amount of \$1,283,556.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering & Field Operations

KEY HIGHLIGHTS:

- Replacing existing dome that is approximately 40 years old.
- Adding a pit and stainless-steel conveyor system to fully utilized material storage.
- Construction would start this spring.

FINANCIAL IMPACT

FY 2024/25	
EXPENDITURE REQUIRED	\$ 1,283,556.55
BUDGET	
General Fund	\$ 421,048.00
Major Road Fund	\$ 421,048.00
Drain Fund	\$ 842,096.00
	\$ 1,687,457.00 TOTAL
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0
Budget includes current estimated total project costs for construction (construction engineering, crew days, material testing, contingency, etc.).	

BACKGROUND INFORMATION:

The existing salt dome at the Department of Public Works was built in the 1980s and has reached the end of its service life. The corrosive conditions have deteriorated the existing concrete base walls and structural elements (metal fasteners, shingles, wood) of the canopy. Given the age and condition of the structure, it was recommended a

new 82' diameter dome, mounted to a 10-foot high wall, be installed. Staff also recommended adding a pit and stainless-steel conveyor system to the salt storage site. A conveyor system reduces the chance of the structure being hit or damaged as the delivered salt is dumped in a pit and carried into the dome by a conveyor instead of having trucks or loaders enter the dome to dump the salt. Additionally, a conveyor allows a dome design to be fully utilized to store material; therefore, limiting the number of deliveries by suppliers. A pit conveyor system installed on an 82-foot diameter dome footprint with 10-foot walls would nearly triple the amount of material stored in the existing 82' diameter dome with 4-foot walls.

The project was advertised for public bids on September 24, 2024. Three (3) bids were received and opened on October 22, 2024, following the solicitation period. Brencal Contractors, Inc. is recommended in the best interest of the City as it is responsive and complies with all the requirements of the bidding instructions. The award recommendation letter, including the bid tabulation, is attached.

Contractor	Total Bid*
Brencal Contractors, Inc.	\$1,283,556.55
The Summit Company, Inc.	\$1,307,642.69
Marcus Construction Co., Inc.	\$1,540,026.89

***Crew Days are not included with these bids due to the inspection nature of the project.**

The contract administration and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

AECOM	Contract Administration	5.50% of the construction award	\$70,595.61
	Inspection Time	\$800 daily inspection fee x 25 days	\$20,000.00
G2	Material testing services	1.9% of the construction award	\$24,387.57

Construction is expected to begin in early spring of 2025.

RECOMMENDED ACTION: Approval to award the DPW Salt Dome Reconstruction contract to Brencal Contractors, Inc., the low bidder, in the amount of \$1,283,556.55.