



CITY OF NOVI CITY COUNCIL
JULY 28, 2025

SUBJECT: Consideration of approval to award the interior corrosion protection system installation in the DPW Salt Dome to Havener Tech, LLC, sole-source bidder, in the amount of \$184,000.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- New DPW salt dome was recently constructed to include a loading/unloading pit and a hopper/conveyor system.
- A salt dome is a very corrosive environment.
- Providing a Polyurea corrosion protection system liner to the dome shell and walls.

FINANCIAL IMPACT

	FY 2025/26
EXPENDITURE REQUIRED	\$ 184,000.00
BUDGET	
Drain Fund 211-445.00-976.125	\$ 449,249.00 (includes estimated FY 2024/25 Budget Rollover)
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

The original salt dome at the Department of Public Works was constructed in the 1980s and had reached the end of its service life. The corrosive conditions had deteriorated the existing concrete base walls and structural elements (metal fasteners, shingles, and wood) of the canopy shell. Given the age and condition of the structure, it was recommended a new 82-foot diameter dome, mounted to a 10-foot-high wall, be installed. Staff also recommend adding a pit and a stainless-steel conveyor system to the salt storage site. City engineering consultant, AECOM-Great Lakes, assisted City staff with the design of the new salt dome facility.

On November 12, 2024, City Council approved the construction award to Brenca Contractors, Inc. in the amount of \$1,283,556.55. The contractor recently completed the new dome, pit, and conveyor system (see attached pictures). All that remains is finishing the electrical hook-ups for the exhaust fan, lighting, and conveyor/hopper.

As mentioned earlier, the nature of a salt dome environment and its inherent corrosion issues. To protect this important investment, staff engaged Havener Tech, LLC. to provide a protective coating on the interior shell of the salt dome. Havener Tech already provides services to the City for catch basin sealing and pipe sealing/lining with similar product applications. The program has been very effective in protecting and prolonging the service life of assets.

The contractor would approach this work in two stages. In August of this year, place a Polyurea lining to the interior concrete walls which protects and provides secondary containment of salt run-off. Then, in the spring/summer of 2026, return and install a Polyurethane foam on the interior of the wooden shell/canopy to protect it from the corrosive environment. The delay with the wood protection is to allow sufficient time for the lumber to reach its appropriate moisture percentage (dry-out).

Inspection services for this work will be handled by in-house staff.

RECOMMENDED ACTION: Approval to award the interior corrosion protection system installation in the DPW Salt Dome to Havener Tech, LLC, sole-source bidder, in the amount of \$184,000.