



Memorandum

To: Mark Gaffino, Village President & Board of Trustees
CC: Steve Bosco, Village Administrator
From: Brian Richter, Public Works Director
Adam Hake, Water Superintendent
Date: July 8, 2024
Re: Water Towers Mixer Project

The Village entered a Professional Service Agreement with Dixon Engineering Inc. for the installation of two water tower tank mixers and minor repairs need at both water towers. The Auto Mall tower needs to have its overflow adjusted, a new style vent installed, spot repairs to the coating on the inside of the tank, and replacement of the expansion gasket. Additionally, the tower needs several spot-welding repairs. The agreement also includes them putting the bid package together, answering all questions during the bidding process, attending the bid opening, project administration, and inspections of the work.

Static water conditions in a water tank cause issues in all seasons. In winter, static water freezes, damaging the tank and its coating. In summer, stratification can impact both the tank and water quality. The tank mixers will allow us to operate our towers at a higher level and help with chlorine residuals throughout the water system. The repairs to the tanks are required by the Illinois Environmental Protection Agency (IEPA).

The bid opening for this project was on Wednesday, June 26, 2024. The Village received a total of three (3) bids for this project. The bid tabulation is included for you to review.

The lowest bidder, Seven Brothers, did not sign the apprenticeship or training program certification and they also did not provide a price for any additional wet

interior spot repairs. The second lowest bidder, M. W. Cole, did not have their bid bond included in their submission. They stated that they had one but forgot to add it to their submission. They emailed it to Dixon Engineering after the bid was opened. The third bidder, Tecorp, was more than \$80,000.00 over the engineering estimate for this project.

With two of the bids not meeting the requirements and the only other bidder well exceeding the engineers' estimate, staff and Dixon Engineering recommend that we reject all bids. Dixon Engineering also recommended that we change the scope of the project to give more options for the time frame on the tank work. They feel with this change that the Village may receive more bids.

Village staff is recommending the rejection of all bids for the water tower mixer project.

**North Aurora, Illinois - 1,000,000 Gallon Spheroid Tank (Orchard Tank) and 500,000 Gallon Spheroid (Butterfield Tank)
2024 Water Tower Painting Project - June 26, 2024 - 2:00 p.m.**

| | LC United | Seven Brothers | Tecorp | MW Cole | Leary Construction | |
|-----------------------------------------------|-------------------|----------------|---------|---------------|--------------------|--|
| | Sterling Heights, | Shelby Twp., | Joliet, | The Villages, | Greenfield, | |
| | MI | MI | IL | FL | IN | |
| Section 05 00 00 | | | | | | |
| Expansion joint Replacement - Orchard (1) | | 13,000 | 16,450 | 23,000 | | |
| Expansion Joint Flanges - Orchard (2) | | 4,500 | 4,800 | 1,000 | | |
| Overflow Pipe Discharge Mod. - Orchard (3) | | 8,400 | 11,480 | 4,000 | | |
| Roof Vent - Orchard (4) | | 13,400 | 12,500 | 9,000 | | |
| | | | | | | |
| Section 09 00 00 | | | | | | |
| Wet Interior Spot Repaint - Orchard (5) | | 13,800 | 82,000 | 26,000 | | |
| | | | | | | |
| Section 13 32 12 | | | | | | |
| Mixer Installation - Orchard (6) | | 20,000 | 32,500 | 23,000 | | |
| Mixer Installation - Butterfield (7) | | 29,000 | 32,500 | 23,000 | | |
| | | | | | | |
| Project Total | | 102,100 | 192,230 | 109,000 | | |
| | | | | | | |
| Unit Price - Wet Interior Spot Repaint (Over) | | 0 | 400 | 50 | | |
| | | | | | | |
| Bid Bond | | 10% | 10% | None | | |