



Legislation Text

File #: 255-22, Version: 1

**TO:** Mayor and City Council

**FROM:** James V. Capparelli, City Manager

**SUBJECT:**

Award of Contract for the Water Treatment Plant Residuals Disposal Project - 2022 to Envirite of Illinois, Inc. in the amount of \$446,684.51

**BACKGROUND:**

The City of Joliet utilizes 11 Hydrous Manganese Oxide (HMO) Water Treatment Plants to remove radium from the drinking water supply. The HMO particles bind with the radium allowing it to be filtered out. After the HMO particles are filtered out they are backwashed periodically into the holding tank located under the building. After 11 years of operation the HMO sludge has accumulated in the holding tanks and needs to be removed and disposed at a low-level radioactive waste site. A set of specifications was prepared by City staff for the disposal of the water treatment residuals.

The Water Treatment Plant Residuals Disposal Project was advertised in the Labor Record on Thursday, March 17, 2022. The Public Service Committee reviewed this memo at the May 2, 2022 meeting and recommended for approval by the full Council.

**CONCLUSION:**

On Monday, April 4, 2022, one sealed bid was opened for the Water Treatment Residual Disposal Project. The bid summary is as follows:

<u>CONTRACTOR</u>	<u>BID AMOUNT</u>
Envirite of Illinois DBA US Ecology	\$446,684.51
Engineer's Estimate	\$505,500.00

The low bid by Envirite of Illinois DBA US Ecology is 12% below the engineer's estimate. Funds will be charged to the Water and Sewer Operations Fund / Contractual Services (Org 50080011, Object 524300, \$446,684.51).

Included with this contract is a Construction Engineering Services Agreement for the Water Treatment Plant Residuals Disposal Project, for an amount not to exceed \$22,800.00, on behalf of Duffield Consulting Engineers LTD. This project will require specialized inspection services that are best suited to be completed by the City's consulting engineer.

Funds will be charged to the Water and Sewer Operations Fund / Professional Services (Org 50080011, Object 523300, \$22,800.00).

**RECOMMENDATION:**

Based on the above, it is recommended that the Mayor and City Council take the following actions:

1. Award the contract for the Water Treatment Residuals Disposal - 2022, in the amount of \$446,684.51, to Envirite of Illinois DBA US Ecology;
2. Approve the Construction Engineering Services Agreement for the Water Treatment Residuals Disposal - 2022, in the amount of \$22,800.00, on behalf of Duffield Consulting Engineers LTD.