



Legislation Text

File #: 2017-0143, **Version:** 1

Title

Culvert Rehabilitation Project, Wheeler Drive Over Tinley Creek - Bid Award and Construction Engineering Services

History

The Wheeler Drive bridge structure over Tinley Creek is a cast-in-place concrete, two-cell box culvert constructed in 1975. Over the past 40 years, the concrete roof under the roadway of the structure has deteriorated and lost up to 50% of the cross section. Fragmented concrete has exposed the main reinforcing bars under the roadway. Many of the reinforcing bars are detached from the concrete slab for about one-half of the span length of the bridge. The loss of concrete and corrosion of main reinforcing steel under the traffic lanes continues to grow and has reduced the capacity of this structure. IDOT inspected the structure late in 2015 and initiated a 15-ton gross weight limit posting requirement. While safe for regular residential use, this new limit negatively impacts regular village operations, contracted services, and fire & rescue.

On July 5, 2016, the Village Board approved a proposal from HR Green, Inc. of New Lenox, Illinois to perform Phase I and Phase II Consulting Engineering Services for the Culvert Rehabilitation Project Wheeler Drive Over Tinley Creek. In order to facilitate the construction of the project, staff requested and received a proposal for Phase III Construction Services from HR Green. For the past several years, HR Green has been the Village's "Bridge Consultant". They have inspected this bridge on a regular basis and are very familiar with the condition and associated issues. They have established themselves as a proficient and professional consultant to the Village. Therefore, staff recommends approving the proposal from HR Green Inc., of New Lenox, Illinois for Phase III Construction Services for the Culvert Rehabilitation Project Wheeler Drive Over Tinley Creek in an amount not to exceed \$22,585 (proposal attached), plus a \$5,000 contingency for a total of \$27,585.00.

An Invitation to Bid for the culvert rehabilitation work was advertised in the Southtown Star Newspaper on January 23, 2017. Six (6) sealed bids were received and opened by the Village Clerk's office on February 6, 2017 (summary attached). Bids were submitted by Airy's Inc. of Tinley Park, Illinois; Alliance Contractors, Inc. of Woodstock, Illinois; Copenhaver Construction of Gilberts, Illinois; D. Construction of Coal City, Illinois; Kee Construction LLC of Chicago, Illinois; and MYS Incorporated of Palos Heights, Illinois.

Kee Construction LLC of Chicago, Illinois, was identified as the lowest responsible bidder for the Culvert Rehabilitation Project Wheeler Drive Over Tinley Creek with a submitted project cost of \$194,074.00. This cost is below the engineer's estimate of \$ 221,317.50 for the anticipated improvements; therefore, it is staff's recommendation that Kee Construction LLC of Chicago, Illinois be awarded the Culvert Rehabilitation Project Wheeler Drive Over Tinley Creek in the amount of \$194,074.00, plus a \$10,000 contingency for a total of \$204,074.00.

On March 6, 2017, this item was reviewed by the Public Works Committee and recommended for

approval and referred to the Village Board of Trustees for consideration.

Financial Impact

Funds for this work are available in the Capital Budget, account 031-6007-471250.

Recommended Action/Motion

I move to approve accepting the proposal from HR Green, Inc., of New Lenox, Illinois for Phase III Construction Engineering Services for the Culvert Rehabilitation Project Wheeler Drive Over Tinley Creek to in an amount not to exceed \$27,585.00.

And

Approve accepting the bid from Kee Construction, LLC of Chicago, Illinois for the Culvert Rehabilitation Project Wheeler Drive Over Tinley Creek bid to for an amount not to exceed \$204,074.00.