

**COUNTY OF MILWAUKEE
INTEROFFICE COMMUNICATION**

DATE: May 6, 2019

TO: Chairman Theodore Lipscomb, Milwaukee County Board of Supervisors

FROM: Greg High P. E., Director, AE&ES Section, DAS-FM Division

SUBJECT: **Professional Services Agreement Exceeding \$300,000 for Capital Project WP484 – Lake Park Arch Bridge Over Ravine Drive Action Item**

POLICY

Implementation of Wisconsin Statutes 59.21(31) with regard to purchase of professional service agreements (under the Milwaukee General Ordinance Chapter 56) for Capital projects requires County Board approval to award the initial agreement, or fee extension(s) to the original agreement, when the total contractual fee exceeds \$300,000. The Director of the Department of Administration (DAS) is requesting authorization to execute a professional service agreement with Olson & Nesvold Engineering, P.S.C. to provide professional design services for the 2015/17 Capital Project WP484 – Lake Park Arch Bridge Over Ravine Drive.

BACKGROUND

In 2015, Milwaukee County budgeted \$400,000 to complete an in-depth study of the condition of the Lake Park Arch Bridge over Ravine Drive, including the preparation of construction documents for the repair or replacement of the bridge as determined by the study. In 2017, the County further adopted a budget of \$2,500,000, consisting of \$500,000 in County funding and \$2,000,000 in private funding, for replacement of the bridge.

Subsequently, given the historic nature of the bridge, an additional review of the bridge condition was completed by a consultant hired by the non-profit Lake Park Friends. Through information in the various studies it has been determined the historic bridge can be rehabilitated with the goal of extending the service life of the bridge a minimum of 50 years.

A federal Transportation Alternative Program (TAP) grant was awarded the County in 2018 for \$2,000,000, along with a County funding match of \$500,000, for replacement of the bridge. The TAP grant is administered by WisDOT. The grant scope has been modified by WisDOT and the County to make the grant funds eligible for bridge rehabilitation. A resolution requesting authority to replace the private funding portion of the budget with the TAP grant funds is expected to be introduced in the May County Board cycle.

A Request for Qualifications/Proposal (RFQ/P) for professional design services for the Lake Park Arch Bridge was issued on February 12, 2019. The RFQ/P requested the

design consultant to have extensive experience in rehabilitation of historic concrete arch bridges, familiarity with WisDOT bridge design and review process, experience in coordinating with various historic societies and regulatory agencies and knowledge of Federal requirements associated with federally funded Non-Traditional Transportation Project Implementation. Additionally, the consultant team shall be able to be certified by WisDOT to perform design for Non-Traditional project development, if required.

Three consultants submitted qualification/proposal statements. Olson & Nesvold Engineers, P.S.C. (O.N.E.), a consulting firm from Edina, MN, specializing in rehabilitation of historic concrete bridges, was selected for scoping and negotiation of the design agreement. The rehabilitated bridge shall be restored to its original condition as close as possible utilizing modern day construction materials and techniques subject to coordination and approval of historic regulatory authorities. The design services will include bridge rehabilitation covering:

- replacement of the bridge deck
- replacing the parapet walls with a replica of the original railing design (adjusted for code compliance)
- repairing and/or reinforcing as necessary the spandrel beams, arches and trust blocks
- repairing and/or replacing vaulted abutment walls
- addressing drainage and erosion issues at the vaulted abutments
- correcting bearing/foundation issues at the vaulted abutments
- grading and re-vegetating the ravine slopes adjacent to the bridge
- replacing the asphalt walk approaches to the bridge

With WisDOT involvement in TAP grant funding the project, the consultant design agreement will be WisDOT's Three Party Design Engineering Service Contract between WisDOT, Milwaukee County and the consultant. The TAP grant funds for design are available in State fiscal year 2019. WisDOT has requested the consultant design contract be executed by June 30, 2019, which is the end of State's fiscal year 2019. To meet this deadline, authority for Milwaukee County to enter the Three Party Design Engineering Service Contract is being requested while the contract negotiations are on-going.

O.N.E. has submitted an initial scope and fee and an initial meeting was held with WisDOT, the County and O.N.E to review their submittal. Attached is O.N.E.'s initial submit scope and fee proposal of \$508,218.59. Attached is a WisDOT Design Delivery Cost Index Table showing the anticipated percentage of the design cost related to the construction cost. The construction cost estimate for the Lake Park Arch Bridge rehabilitation is estimated at \$1.95M. The uniqueness of the Lake Park Arch Bridge places this project in the Design Deliver Cost Index - Outlier Threshold Table which indicated a design fee of about 21%, or \$409,500. The proposed fee and scope of services is being reviewed by WisDOT and Milwaukee County's AE&ES Section. Negotiations will commence to further understand the consultant's approach and arrive at an appropriate fee within the range of \$350,000 and \$508,218.59.


DBE participation goal for this contract is to be determined by the WisDOT during the contract negotiations.

RECOMMENDATION

The Director of the DAS respectfully requests authorization to execute a Three Part Design Engineering Service Contract between Milwaukee County, WisDOT and O.N.E. for professional design service for bridge rehabilitation of the Lake Park Arch Bridge Over Ravine Drive for a design fee not to exceed \$508,218.59.

Prepared by: Karl Stave P.E., Project Manager, AE&ES, DAS-FM

Approved By:



Gregory G. High, P.E., Director
AE&ES Section, DAS-FM Division
Department of Administrative Services

Attachments: O.N.E. Scope and Fee Proposal
WisDOT Cost Index Table
Resolution
Fiscal Note

Cc: Chris Abele, County Executive
Raisa Koltun, Chief of Staff, County Executive's Office
Kelly Bablitch, Chief of Staff, County Board
Teig Whaley-Smith, Director, Department of Administrative Services
Joseph Lamers, Fiscal & Budget Director, DAS
Vince Masterson, Fiscal & Strategic Asset Coordinator, DAS
Pamela Bryant, Capital Finance Manager, Comptroller's Office
Justin Rodriguez, Capital Finance Analyst, Comptroller's Office