



Department of Public Works – Engineering Division

MEMO

TO: Municipal Services Committee

COPY TO: Utilities Committee (Information Item)

FROM: Paula Vandehey, Director of Public Works
Pete Neuberger, Staff Engineer

DATE: March 4, 2015

RE: Award of Consultant Design Services Contract for County Trunk Highway JJ Roadway and Stormwater Improvements to OMNNI Associates in the amount of \$136,391 with a contingency of \$13,500 for a total not to exceed \$149,891.

The Department of Public Works is requesting approval of the Consultant Design Services Contract with OMNNI Associates for CTH JJ Roadway and Stormwater Improvements in the amount of \$136,391 with a contingency of \$13,500 for a total not to exceed \$149,891 (Budget \$157,500). Project funding is through the General Funds (Concrete Paving) and Stormwater budgets, as well as cost sharing with Outagamie County.

DPW solicited proposals from six engineering firms. The City received two proposals, from R.A. Smith and OMNNI Associates. Proposals were rated on a 100-point scale on the following criteria: Project Experience, Project Team, Project Approach, and Schedule. Technical Proposals were evaluated by a review team consisting of Mike Hardy, Assistant City Traffic Engineer; Mark Lahay, Assistant City Engineer; Pete Neuberger, City Staff Engineer; and Andrew Rowell, Outagamie County Highway Department Engineer.

After technical scoring was completed, the team determined that both proposals demonstrated the minimum required technical qualifications for a successful project. The team then reviewed compensation proposals to verify that project deliverables will be provided cost-effectively. This was done by dividing each proposal cost by its Technical Score, to obtain a "Price per Point" for each proposal. After ranking the proposals by lowest Price per Point, the team identified OMNNI as the highest ranked proposal. Results are shown below:

Scoring Results

<u>Rank</u>	<u>Firm</u>	<u>Technical Score</u>	<u>Cost</u>	<u>Price Per Point</u>
1.	OMNNI	82.3	\$136,391	\$1,657
2.	R.A. Smith	92.5	\$224,126	\$2,423

CONTRACT SCOPE

The proposed contract is for the design and development of construction bid documents for a proposed roundabout with approaches at the intersection of Lightning Drive and County Trunk Highway JJ and associated modifications to CTH JJ roadway in the City of Appleton. Additional modifications to CTH JJ west of Lightning Drive through the CTH E (a.k.a. Ballard Road) intersection to the west are included to improve safety for motorists, bicyclists and pedestrians.

Pavement/Traffic Improvements and Modifications Design

The Lightning-CTH JJ intersection is planned to be reconstructed with a roundabout. CTH JJ west of Lightning Drive through the CTH E intersection is proposed to be reconstructed with several anticipated modifications:

- Construct a raised median island separating east-bound lanes from west-bound lanes, to enforce right-in/right-out only driveways at Appleton North High School, the new Kwik Trip, and the Citgo station, all on CTH JJ.
- Construct a fence along the length of the raised median from CTH E to Lightning Drive as a way of eliminating mid-block pedestrian crossings.
- Provide a 10-foot multi-modal sidepath on the south side of CTH JJ.
- Provide a 5-foot sidewalk on the north side of CTH JJ.
- Provide bike lanes (width varies from 5 to 6 feet) both eastbound and westbound.

Stormwater Improvements

Develop construction plans, specifications, and engineer's cost estimate for a stormwater collection and conveyance system, as well as stormwater treatment practices necessary to meet peak flow control, runoff quality control, and any other applicable stormwater permit requirements necessary for roadway construction.

The consultant will develop conceptual alternatives for different approaches to the above roadway and stormwater elements, then complete preliminary design, final design, permit applications, and bid documents. Included with these design tasks are the following related tasks:

- Perform design field survey.
- Perform field soil sampling and analysis.
- Develop a right-of-way plat map for acquisition of necessary right-of-way and easements by City.

A 10 % contingency of \$13,500 is included with the recommended award amount to address possible out-of-scope design costs that may arise during design, such as additional design work needed if unexpectedly poor soils are encountered during the geotechnical investigation.

CONCLUSION

The Department of Public Works is requesting approval of the Consultant Design Services Contract with OMNNI Associates for CTH JJ Roadway and Stormwater Improvements in the amount of \$136,391 with a contingency of \$13,500 for a contract total not to exceed \$149,891.