



Recommendation for Action

File #: 19-3108, **Agenda Item #:** 5.

10/17/2019

Posting Language

Authorize negotiation and execution of a professional services agreement with CP&Y, Inc., (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLM274 to provide engineering services for Hornsby Bend Biosolids Management Plant Headworks in an amount not to exceed \$750,000.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 15.80% MBE and 15.80% WBE participation.]

Lead Department

Capital Contracting Office

Managing Department(s)

Public Works Department

Fiscal Note

Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.

Purchasing Language:

Staff recommendation is the most qualified firm out of six firms evaluated through the City's qualification-based selection process.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov.

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Beverly Mendez, 512-974-3596, or the Project Manager, Jules Parrish, 512- 974-9385

Council Committee, Boards and Commission Action:

To be reviewed by the Water and Wastewater Commission on October 9, 2019

Additional Backup Information:

Hornsby Bend Biosolids Management Plant (BMP) Headworks receives wastewater sludge from two offsite wastewater plants (South Austin Regional and Walnut Creek) and an on-site side stream plant. Hornsby Bend BMP processes wastewater sludge by screening, thickening, anaerobically digesting, dewatering and on-site composting.

The current BMP Headworks was constructed in late 1990s. The reinforced concrete structure is original, but the mechanical (screens) and flow meters have been subsequently repaired and/or replaced and are beyond their useful life. The current headworks screens are undersized for peak flows and have the potential to blind

requiring costly repairs. The screened flow is directed into a flow equalization tank (FEB). Excess flow during peak flows will enter the FEB without being screened. Additionally, the current BMP Headworks does not have a grit removal system allowing grit to enter the FEB.

The purpose of this project is to remove/demolish the existing headworks and replace it with a new headworks facility. The new headworks will address peak flows and projected higher flow rates, provide grit removal, replace severely corroded equipment and electrical infrastructure, provide accurate incoming flow metering and recording, and address odors.

The consultant shall present and provide a detailed report summarizing their findings based on its investigation and preliminary evaluation. The report will detail the consultant's solution options, budget constraints, cost estimates, recommendations, and a design and construction schedule for the recommended improvements.

The City intends to return to Council to request additional authorization for final design, bidding phase, construction phase, and warranty phase services, utilizing the selected firm to perform these additional services. The amount of authorization requested for the additional services will be determined after the preliminary engineering phase final recommendations are reviewed and approved by the City.

Hornsby Bend Biosolids Management Plant is located within zip code 78725, City of Austin's 2-Mile Extended Territorial Jurisdiction.

This authorization provides for funding of the above listed services. This request allows for the development of an agreement with the qualified responder that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected responder, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified responder and authorize contract negotiations with that provider.

TOP RANKED FIRM: CP&Y, Inc. is located in Austin, TX

SECOND RANKED FIRM: Jacobs Engineering Group, Inc is located in Austin, TX

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents <https://www.austintexas.gov/financeonline/account_services/solicitation/closed_solicitations.cfm>](https://www.austintexas.gov/financeonline/account_services/solicitation/closed_solicitations.cfm).