

AGENDA



Thursday, July 29, 2010

**Contract and Land Management
RECOMMENDATION FOR COUNCIL ACTION**

Item No. 23

Subject: Authorize negotiation and execution of a professional services agreement with the following three firms FUGRO CONSULTANTS INC, Austin, TX; KLEINFELDER CENTRAL, INC, Austin, TX; and HOLT ENGINEERING, INC (WBE/FW – 64.20%), Austin, TX; for Engineering Services to provide all required construction material testing, specialty testing, construction phase geotechnical engineering and forensic engineering associated with the Water Treatment Plant No. 4 (WTP4) construction project, an amount not to exceed \$4,000,000, to be divided among the three firms.

Amount and Source of Funding: Funding in the amount of \$4,000,000 is available in the Fiscal Year 2009-2010 Capital Budget of the Austin Water Utility.

Fiscal Note: A fiscal note is attached.

For More Information: Robert Pirtle 974-7234; Rosie Truelove 974-3064; Felecia Shaw 974-6017

Purchasing Language: The three (3) most qualified firms out of nine (9) firms evaluated through the City's qualification-based selection process.

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

Boards and Commission Action: Recommended by the Water and Wastewater Commission.

The City anticipates contracting with three firms for an approximately four-year period to provide engineering and testing services during construction of Water Treatment Plant No. 4 located in northwest Austin. The required engineering and testing services will include the following: Asphaltic Cement Concrete Testing - Conduct investigations, evaluations and testing of asphaltic concrete; Forensic Engineering - Perform special tests including petrography, scanning electron microscopy, x-ray diffractometry, and x-ray spectroscopy evaluations for streets, parking lots, utilities, buildings and other engineered facilities; Geotechnical Engineering - Perform subsurface investigations for streets, parking lots, utilities, buildings and other engineered facilities; Site Development and Building Construction Materials Testing - Conduct investigations, evaluations and testing of soils, aggregates, asphaltic concrete and Portland cement concrete, structural steel welding and erection, and other building construction materials as needed for roadways, parking lots, utilities, buildings and other engineered facilities; Soils and Portland Cement Testing - Conduct investigations, evaluations and testing of soils, aggregates, and Portland cement concrete; Specialized Testing - Perform testing and inspection of flexible base stockpiles, structural steel, coatings and corrosion control.

For the engineering and testing services identified, it is anticipated that each firm will perform all Forensic and Geotechnical Engineering and Construction Materials Test services for the designated work area assigned. The Work Area with the highest assigned funding will be allocated to the highest ranked firm; the funding will be allocated to the firms in order of their rankings (highest to lowest) from the CLMD qualification-based selection process. The three designated work areas are as follows:

Work Area A: A new raw water intake structure on Lake Travis, a separate new Leed Silver certified pump building, new transmission mains connecting those facilities to the new water treatment plant, and all equipment inside the two new structures.

Work Area B: A new Leed Silver certified WTP4 building, with all associated equipment, and site work.

Work Area C: New underground water transmission mains from the new water treatment plant to remote distribution facilities (referred to as the Jollyville and Forest Ridge Transmission Mains). The City anticipates the following (approximate) allocation of funds for the defined services per work areas:

Work Area A: \$1,000,000; Work Area B: \$1,650,000; Work Area C: \$1,350,000; for a total of \$4,000,000.

This request allows for the development of a professional service agreement with each of the three recommended firms. Should the city be unsuccessful in negotiating a satisfactory agreement with a recommended firm, negotiations will cease with that firm. Staff will then return to Council and request authorization to begin negotiations with the alternate recommendation listed below.

Recommended Firms:

Work Area A - Holt Engineering, Inc; Work Area B - Fugro Consultants, Inc; Work Area C - Kleinfelder Central, Inc

Alternate Firm:

Terracon Consultants, Inc