



CITY OF TEMPE
REQUEST FOR COUNCIL ACTION

Council Meeting Date: 12/17/2015
Agenda Item: 5B9

ACTION: Award a construction manager at risk construction services contract with Hunter Contracting Co. and a professional services consultant contract to Carollo Engineers, Inc. for filter rehabilitation at the Johnny G. Martinez Water Treatment Plant.

FISCAL IMPACT: The construction services contract amount is \$548,425.32, the professional services contract amount is \$78,267, and the project contingency amount is \$54,800. Funds to cover these contracts and related costs are appropriated for fiscal year 2015/16 in Capital Improvement Project No. 3205889, Filter Rehabilitation at Water Treatment Plants.

RECOMMENDATION: Award construction and professional services contracts.

BACKGROUND INFORMATION:

Contract Type: Construction Manager at Risk construction services contract

Procurement Method – Construction Manager at Risk:

This qualifications based selection process includes evaluation of each firm's statement of qualifications in response to the City's request for qualifications (RFQ); holding selection panel interviews with at least three firms based on selection criteria and relative weight of selection criteria as outlined in the RFQ, including evaluation of the contractor's expertise, qualifications of key personnel and project experience; selecting the final list of contractors in order of preference; and negotiating the guaranteed maximum price (GMP).

Hunter Contracting Co. was selected by a review committee as the most qualified firm for these services using a process pursuant to Arizona Revised Statutes § 34-603. Staff has negotiated the GMP construction manager at risk construction services fee with Hunter Contracting Co. and considers it reasonable for the scope of services.

Contract Type: Professional services consultant contract.

Procurement Method – On-call Consultant Short List:

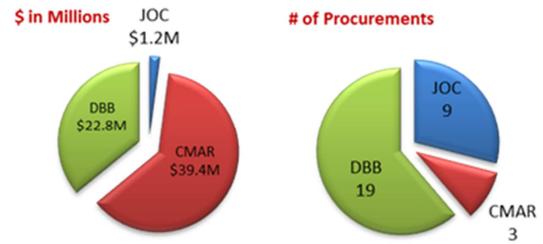
Carollo Engineers, Inc. was selected from the Engineering Division's On-call Consultant Short List based on the scope of work for this project, their familiarity with the project, and the specific expertise required for successful completion of this work. The Short List is established using a qualifications based selection process, pursuant to Arizona Revised Statutes (ARS) § 34-103. This selection process includes evaluation of the firms who apply for each discipline based on the following selection criteria and relative weights (ARS prohibits the use of pricing as a criterion for this qualifications based process):

- 30% Overall capability and qualifications of the firm;
- 30% Relevant municipal project experience of the firm;
- 25% Qualifications and experience of the firm's key local staff, and;
- 15% Overall evaluation of the firm and its familiarity of local regulations.

Once Carollo Engineers, Inc. was selected from the Short List, staff worked with them to finalize the scope of work and negotiate the design fee. The proposed labor rates submitted by Carollo Engineers, Inc. were reviewed by staff and are consistent with industry standards.

Staff is providing a snapshot of the City's current CIP construction activity by procurement method:

CMAR – Construction Manager at Risk
DBB – Design, Bid, Build (low-bid)
JOC – Job Order Contract



Project History:

The Johnny G. Martinez Water Treatment Plant (JGMWTP) and South Tempe Water Treatment Plant (STWTP) use a series of processes to treat raw water from the Tempe and Cross Cut Canals to safe drinking water standards. One of the processes used in both water treatment plants is known as media filtration. The performance of the media has been studied and monitored to assess performance of the filter. In March 2015 Carollo Engineers, Inc. published the Filters Master Plan Report, which City staff used to determine the most reliable and cost effective method of rehabilitating and maintaining the media filtration process at both the JGMWTP and STWTP.

Rehabilitation of the filters will aid in optimization of the filter process at the City's water treatment plants. The project will be phased so that both treatment plants will not be shut down at once, maintenance tasks will be addressed, and appropriate lessons can be learned and utilized for the remainder of the project. This is the initial construction task associated with this overall project.

Scope of Work – Construction Manager at Risk contract:

The scope of work for Hunter Contracting Co. includes the furnishing and installation of new access manholes, filter effluent valves, and venturi flowmeters for all eight of the filters at the JGMWTP. It will also include the removal, disposal, and replacement of media from Filter No. 8, effluent trough edge repair, and realignment of pipe and energy dissipater piping. Replacement of filter media in remaining filters and surface wash agitators will be completed under a separate phase. The next phase of the project will potentially include filter underdrain repair or replacement work that will be estimated from the work performed on Filter No 8 during this phase of construction.

Scope of Work – Professional services consultant contract:

The scope of work for Carollo Engineers, Inc. includes the post-design services for new access manholes, filter effluent valves, venturi flowmeters, removing and replacing media from Filter No. 8, and repairing spalling on filter troughs.

ATTACHMENTS: Construction Contract (Exhibit A available in the Engineering office) and Professional Services contract (Exhibit A included).

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