


DATE SUBMITTED 02/16/2018
 SUBMITTED BY Public Services Dir.
 DATE ACTION REQUIRED 02/21/2018

Agenda Item No **D-1**
 CITY COUNCIL ACTION (X)
 PUBLIC HEARING REQUIRED ()
 RESOLUTION ()
 ORDINANCE 1ST READING ()
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS 

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

**SUBJECT: DISCUSSION/ACTION: WATER TREATMENT PLANT – GAC
 TREATMENT SYSTEM – BID NO. 2018-01**

**1. AWARD BID TO PYRAMID BUILDING & ENGINEERING, INC. IN THE
 AMOUNT OF \$1,374,500.**

DEPARTMENT INVOLVED: Water

BACKGROUND/SUMMARY: The City of Imperial received a Compliance Order in November 2017 from the State Water Resources Control Board in regards to high levels of TTHM and HAA5 in the city's treated water. Council took action in December 2017 to implement a plan and approve a timeline in response to the Compliance Order. Albert A. Webb Associates has been working with the city to create a plan to reduce the levels of TTHM in our water facilities. The plan includes the installation of a Granular Activated Carbon (GAC) treatment system. The City recently sought bids for the installation of a GAC system. Four bids were received and opened on February 15, 2018. Bids were received from the following Companies:

Stanek Constructors, Inc., Carlsbad, CA	\$1,680,000.
Cora Constructors, Inc., Palm Desert, CA	\$1,493,000.
Pyramid Building & Engineering, Inc., Hesperia, CA	\$1,417,500.
Pacific Hydrotech Corp., Perris, CA	\$1,500,000.

The four bid packages were sent to Webb Associates for evaluation and recommendation for award. Based on their review of the documents, Webb Associates is recommending award of bid to Pyramid Building & Engineering, Inc. The engineer's original estimate for this project was 1.7 m. Please see the GAC award recommendation letter from Albert A. Webb Associates.

FISCAL IMPACT: \$1,374,500.

STAFF RECOMMENDATION: City Council awards the bid to Pyramid Building & Engineering, Inc.

MANAGER'S RECOMMENDATION: _____ MANAGER'S INITIAL _____

MOTION:

SECONDED:	APPROVED ()	REJECTED ()
AYES:	DISAPPROVED ()	DEFERRED ()
NAYES:		
ABSENT:	REFERRED TO:	

Corporate Headquarters

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Riverside, CA 92506
951.686.1070

Palm Desert Office

36-951 Cook Street #103
Palm Desert, CA 92211
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Murrieta Office

41391 Kalmia Street #320
Murrieta, CA 92562

February 16, 2018

Mr. Jackie Loper
City of Imperial
420 South Imperial
Imperial, California 92551

RE: Bid Review for the Water Treatment Plant-GAC Treatment System –
Bid No. 2018-01

Dear Mr. Loper:

We have reviewed the four (4) bid proposal received on February 15, 2018 for the above mentioned project. The low bid proposal of \$1,374,500 (Bid Item Nos. 1-6) was received from Pyramid Building & Engineering Inc. (Pyramid) of Hesperia, California. The second low bid of \$1,493,000 was from Cora Constructors Inc. (Cora) of Palm Desert, California.

Based on Webb's review of Pyramid and Cora proposals, both were found to comply with the requirements and intent of the specifications. Our routine check of the contractor licenses for the two lowest bidders, using the California Contractors State License Board's website, indicated that both licenses are in good standing. A review of the Certified Data Sheet submitted by both contractors appear to be in compliance with the requirements of the specifications, both contractors submitted GAC Systems by Calgon Carbon, who was listed as a pre-approved GAC supplier.

Based upon our review and evaluation of the bid proposals, Webb recommends that the City award the contract for the referenced project to Pyramid in the amount of \$1,374,500. Considering that the low bid came in approximately \$125,000 below the budget, we recommend that the City consider allocating that money to perform the first carbon change out. It is estimated that it will cost the City approximately \$125,000 - \$140,000 to replace the carbon in all four vessels. As always, please call if you should have any questions or comments.

Sincerely yours,
ALBERT A. WEBB ASSOCIATES



Shane Bloomfield, PE
Senior Engineer

**BIDDING SCHEDULE
GAC TREATMENT SYSTEM
CITY OF IMPERIAL**

Item No.	Description Unit Price Written in Words	Unit Price	Total Amount (Figures)
1.	<p>Mobilization; Mobilization**, Insurance, breakdown of contract price, potholing of existing utilities prior to commencing construction, bonds, shop drawings and submittals, videotaping/photographing, SWPPP, weekly meetings, project closeout, and Demobilization; all for the Lump Sum of:</p> <p><u>Ninety Two Thousand</u> ... _____ _____</p>	Lump Sum	\$ <u>92,000</u> *
2.	<p>Site Work; Site Grading, Paving and Appurtenant Site Work; including but not limited to: grading of truck turn out and pad location in accordance with the plans and specifications; placement of select import material and Class 2 base material; 4-inch A.C. paving, A.C. berm, GAC reinforced concrete pad and paving; construction of air gap structure and piping; bollards; new chemical piping and connections and all other appurtenant site work as shown on the Drawings; all for the Lump Sum of:</p> <p><u>TWO HUNDRED, Twenty one Thousand</u> <u>Dollars</u> ... _____ _____</p>	Lump Sum	\$ <u>221,000</u> *
3.	<p>Electrical Work; Provide wire and conduit from electrical source to GAC System and chemical building electrical; yard lighting, power and signal of flow meters and valves; all as shown on the design drawings and as stated in the Specifications; complete for the lump sum price of:</p> <p><u>Sixteen Thousand, Five Hundred</u> <u>Dollars</u> ... _____ _____</p>	Lump Sum	\$ <u>16,500</u> *

* Prices include any amount payable by the City for taxes by reason of the Contract

** Mobilization cannot exceed 5% of the total bid amount.

Item No.	Description Unit Price Written in Words	Unit Price	Total Amount (Figures)
4.	GAC Adsorption System; Install two (2) new GAC Adsorption systems (4 vessels) with all associated piping, valving, metering and electrical work necessary for a complete and operational system; including initial fill of virgin granular activated carbon (20,000 lbs per vessel) per the project specifications; all as shown on the design drawings and as stated in the Specifications; complete for the lump sum price of: <u>Eight Hundred & Thirty Thousand</u> ...	Lump Sum	\$ <u>830,000</u> *
5.	Chemical Building; Provide pre-engineered fiberglass building with double doors, lighting, and HVAC per the drawings. Provide de-chlorination system per the specifications and analyzer water return system with all necessary CPVC piping, valves, pumps, and controllers; all as shown on the design drawings and as stated in the Specifications; complete for the lump sum price of: <u>One Hundred, & Sixty Six Thousand</u> ...	Lump Sum	\$ <u>166,000</u> *
6.	Miscellaneous Work; Including: Chlorination and disinfection; hydro-static pressure testing and miscellaneous testing; eyewash/shower; trench shoring, sheeting and bracing per California Labor Code; field start-up, testing, operational demonstrations and operation and maintenance manuals; and <u>including</u> the cost of all contract work not specifically listed in any other Bid Item (Nos. 1 through 5) herein; complete for the lump sum price of: <u>Forty Nine Thousand</u> ...	Lump Sum	\$ <u>49,000</u> *

* Prices include any amount payable by the City for taxes by reason of the Contract

Item No.	Description Unit Price Written in Words	Unit Price	Total Amount (Figures)
7.	Alternate Bid Item; Provide a guaranteed price for carbon changeouts within the first year of service. Carbon changeout shall be provided by the Carbon Supplier and not the General Contractor. Including removal and disposal of spent carbon and fill of virgin granular activated carbon (20,000 lbs) per the project specifications; complete for the lump sum price of: <u>Forty Three Thousand</u>	Lump Sum	\$ <u>43,000</u> *

TOTAL BID PRICE – ITEMS 1-6 \$ 1,417,500 *

TOTAL BID PRICE FOR BID SCHEDULE One Million; Four Hundred
+ Seventeen Thousand, Five Hundred
DOLLARS

(DOLLAR AMOUNT IN WRITTEN FORM)

The undersigned agrees that these Proposal/Bid Forms constitute a firm offer to the Owner which cannot be withdrawn for the number of Calendar Days indicated in the Notice Inviting Bids from and after the bid opening date, or until a Contract for the Work is fully executed by the Owner and a third party, whichever is earlier. The undersigned also agrees that if there is a discrepancy between the written amount of the Bid Price and the numerical amount of the Bid Price, the written amount shall govern.

Acknowledgement of reading above statement:

By: 
Signature

2/12/18
Date