



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. CA08-232**

1. Agenda Item Number:

26

2. Council Meeting Date:
April 10, 2008

TO: MAYOR & COUNCIL

3. Date Prepared: March 25, 2008

THROUGH: CITY MANAGER

4. Requesting Department: Public Works

5. SUBJECT: Award Contract Amendment No. 1 in the amount of \$43,400 to Camp Dresser & McKee for the Pump Station at Thude Park, Project No. ST0708-201, for a revised contract total of \$87,265.

6. RECOMMENDATION: Staff recommends that Council award Contract Amendment No. 1 in the amount of \$43,400 to Camp Dresser & McKee for the Pump Station at Thude Park, Project No. ST0708-201, for a revised contract total of \$87,265.

7. BACKGROUND/DISCUSSION: The western area of the drainage basin at Thude Park, near Galveston Road and Price Road, has an area that does not drain, creating standing water. To address health concerns associated with standing water, a pump station will need to be designed. The pump station will automatically operate when water is present and return to standby once water has been removed.

The work under this amendment will include design for a below-ground pump station and new electrical service; grading modifications for access to the control panel; discharge into SRP and ADOT systems adjacent to the park; and geotechnical investigation.

8. EVALUATION: The City selection process was developed in accordance with the state law for selecting design services. Two Statements of Qualifications were reviewed from qualified firms in the City's Statement of Qualifications Log. The selection committee recommended Camp Dresser & McKee, Inc. for design selection. The proposed design fees were evaluated by City Staff and compared to historical design rates for similar projects.

9. FINANCIAL IMPLICATIONS:

Original Design Contract	\$ 43,865	
Contract Amend. No.1	\$ 43,400	99% of original contract price
Revised Total Contract Cost	\$ 87,265	

Fund Source:

<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
412.3310.0000.6511.6ST291	GO Bonds-Stormwater	Misc. Storm Drain Improvements	FY05/06	\$ 5,239
412.3310.0000.6511.7ST291	GO Bonds-Stormwater	Misc. Storm Drain Improvements	FY06/07	\$ 38,161

10. PROPOSED MOTION: Move that Council award Contract Amendment No. 1 in the amount of \$43,400 to Camp Dresser & McKee for the Pump Station at Thude Park, Project No. ST0708-201, for a revised contract total of \$87,265, and authorize the Mayor to sign the contract documents.

ATTACHMENTS: Location Map, Contract Amendment

APPROVALS

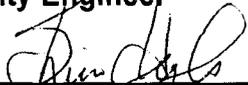
11. Requesting Department

 **3/28/08**
David Verhelst, Stormwater Program Coordinator

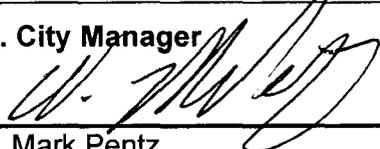
13. Department Head


R.J. Zeder, Public Works Director

12. City Engineer


Sheina Hughes, Assistant Public Works
Director/City Engineer

14. City Manager


W. Mark Pentz



Chandler Arizona

AMENDMENT NUMBER 1

Project Name: Pump Station at Thude Park
Project No.: ST0708-201

This Amendment No. 1 to that certain Agreement Between the City Of Chandler (CITY) and Camp, Dresser & McKee Inc., incorporated in the State of Massachusetts, licensed to do business in Arizona for Pump Station at Thude Park dated April, 18, 2007 is entered into this _____ day of _____, 2008.

WHEREAS the parties have determined that it is necessary and desirable for ENGINEER to perform additional services for CITY;

NOW THEREFORE, the parties agree as follows:

1. Section 2, of the above referenced Agreement, is hereby; amended by adding additional scope of work described in more detail in Exhibit A attached hereto and incorporated herein by reference.
2. Section 3, of the above referenced Agreement, is hereby; amended by increasing the total contract price by an amount not to exceed the sum of Forty Three Thousand Four Hundred dollars, (\$43,400) all payable in accordance with Exhibit B, for a total contract price not to exceed the sum of Eighty Seven Thousand Two Hundred Sixty Five dollars, (\$87,265).
3. All other terms and conditions of the above referenced Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto subscribed their names this _____ day of _____, 2007.

CITY OF CHANDLER:

By: _____
MAYOR Date

ENGINEER:

By: John Douglas Robbitt
Title: Associate of Client Services Manager

APPROVED AS TO FORM:

City Attorney by: [Signature]

ATTEST: (If corporation)

[Signature]
Secretary

ATTEST:

City Clerk

WITNESS: (If Individual or Partnership)

SEAL

Amendment No. 1 cont.

Project No. ST0708-201

THESE CHANGES RESULT IN THE FOLLOWING ADJUSTMENTS OF CONTRACT PRICE AND TIME

ORIGINAL CONTRACT AMOUNT	\$ 43,865
CURRENT CONTRACT PRICE PRIOR TO THIS AMENDMENT (Including previous amendments)	\$ 43,865
NET INCREASE / DECREASE (Resulting from this amendment)	\$ 43,400
REVISED CONTRACT PRICE (Including this amendment)	\$ 87,265
AMENDMENT PERCENTAGE (Of original contract price)	99%
CONTRACT TIME PRIOR TO THIS AMENDMENT (Including previous amendments)	90 (Days or Date)
NET INCREASE/DECREASE (Resulting from this amendment)	365 (Days or Date)
REVISED CONTRACT TIME (Including this amendment)	455 (Days or Date)
THIS AMENDMENT No. _____	Does not Require Council Approval: Less than \$30,000* _____
	More than \$30,000 but less than 10% of Contract* _____
THIS AMENDMENT No. <u>1</u>	Requires Council Approval Greater than \$30,000* X
	Greater than 10% of Contract * X
*Including City Manager approved Amendments	
ORIGINAL CONTRACT COUNCIL DATE: 3/22/07 ITEM NO.:31, if applicable	
COUNCIL APPROVAL: _____ ITEM NO: _____, if applicable	

CC: City Clerk User Dept Project Mgr Consultant Project Anaylst File

EXHIBIT A
Scope of Work

Task 1 – Design

ENGINEER shall provide the following services:

- 1) Attend up to five (5) additional meetings for design coordination and review with the City. Also attend coordination meeting with the City, ADOT and SRP staff to review design comments from the two agencies.
- 2) Design Services to include the following additional items:
 - a) Prepare design drawings for the electrical engineering and design effort associated with the installation of a new below ground pump station and the installation of a new electrical service. Electrical services to include conduit and conductors. Control panel for packaged submersible pumps to house pump motor starters and breakers, float level control, and automatic and manual pump control. The scope of electrical services is based on the assumption that the electrical design will require a new service at 13.2 kV stepping down to a 480V pad mounted transformer.
 - b) Structural design of retaining wall required within the existing site slope adjacent to the pump station to create a pad for access to the local control panel. The control panel is to be mounted on the retaining wall to shield it from view.
 - c) Replace riprap with concrete/shotcrete with energy attenuation at each of two large drainage discharges.
 - d) One forcemain to be designed to discharge pumped flow to the SRP delivery system on Galveston Street. A concrete block junction box to be constructed on the park side of Galveston Street with the forcemain discharge to meet SRP special requirements. Storm water to flow by gravity to SRP pipe at new manhole with base constructed around existing SRP pipe.
 - e) Prefabricated vault for isolation valves to direct flow to SRP or ADOT systems.
 - f) One forcemain designed to enter the ADOT culvert will have pipe supports for mounting inside the conduit.
 - g) Drain piping and associated manholes and catch basins, and spillway from one storm drain discharge.
 - h) Loaming and seeding per City requirements.
 - i) Modifications to the existing metal bar entrance gates at each of the 96" RCP storm drains on the southwest end of the Park and two at the 58"x 91" RCP ADOT storm drain on the west side. The gates will be modified to allow opening of the gates in a horizontal swing instead of the current vertical swing. This will allow for added safety during maintenance activities and allow the gates to be chained and locked together to prohibit the entrance of non-authorized people.
 - j) Specification sections in addition to Division 1 associated with the new below ground pump station and retaining wall.

- k) Submittal of 90% design for City review and final 100% stamped bid documents including an engineer's probable construction cost estimate.
- l) Geotechnical investigation by Copper State Engineering, Inc (under subcontract) to determine soil conditions at four (4) locations where structures will be constructed. Cost includes a not to exceed portion to grout portions of any boring that encounters groundwater.

Task 2 – Bid Services

ENGINEER shall assist the City in the bidding of the project for the above additional design services to include pre-bid meeting, answering RFI's and providing addenda as required. The scope assumes that the City will be advertising the bid, and printing and distributing the bid documents to potential bidders.

Tasks	Proj Dir	PM	Snr Engr	Sr Electr. Engr	Electr. Engr	Tech	Admin	Hrs/Task	Labor	ODC	Subs	Task
	\$200.00	\$150.00	\$140.00	\$175.00	\$110	\$85.00	\$65.00					
Design												
Meetings		20	20	8			8	56	\$ 7,720	\$ 250	-	\$ 7,970
Drawings	2	4	40	12	36	70	2	166	\$ 18,740	\$ 200	-	\$ 18,940
Specifications	2	2	12	4	24		8	52	\$ 6,240	\$ 50	\$ 7,460	\$ 13,750
Bid Services	2	2		4	8		4	20	\$ 2,540	\$ 200	-	\$ 2,740
Subtotal	6	28	72	28	68	70	22	294	\$ 37,865	\$ 1,000	\$ 5,000	\$ 43,400
PROJECT TOTAL												\$ 43,400