

TO: James L. App, City Manager
FROM: Meg Williamson, Interim Public Works Director
SUBJECT: Thunderbird Waterline (Re-Advertised)
DATE: July 20, 2004

NEEDS: For the City Council to consider adopting Resolution No 04-XX awarding the contract for the Thunderbird Waterline Project.

- FACTS:**
1. The Thunderbird Wellfield provides the majority of the city's potable water. The City's Water Master Plan calls for a redundant 16-inch line to be constructed to meet east side water demands.
 2. The project was originally scheduled to be awarded in June 2004. However, the City received a Bid Protest against the apparent low bidder.
 3. In addition, upon review of all the other bids received, bidders ranked 2-9 (by price) also did not provide the required information regarding the horizontal directional drilling (HDD) operations as the bid documents required.
 4. On June 15, 2004 the City Council rejected the original bids received and directed staff to re-advertise for bids.
 5. The project was re-advertised and bids were received on the revised bid date of July 12, 2004.

**ANALYSIS
AND**

CONCLUSION: In response to the identified benefit in using PVC pipe materials instead of steel, the contract documents were revised before the project was re-advertised. Specific changes to the bid documents were:

- Allows the use of a fusible PVC and HDPE pipe in lieu of steel for that portion of the pipeline that will be placed in the Salinas River.
- Includes a separate form that must be completed to provide specific details to the HDD operations.
- Includes a timeline that must be adhered to in order to comply with the City's Fish and game permit for work in the Salinas River.

At the bid opening on July 12, 2004, 10 bids were received ranging from a low of \$798,825 and a high of \$1,265,970. The low bid submitted by Specialty Construction was found to be a responsive bid. No Bid Protest was received as of the date this report went to publication.

POLICY

REFERENCE: Public Contract Code Capital Improvement Program Water Master Plan.

FISCAL

IMPACT: A budget in the amount of \$2,500,000 has been adopted under budget account No. 220.910.5452.550. There is a balance of \$2,346,000.00 available for construction.

- OPTIONS:**
- a. Adopt Resolution No. 04-x awarding a construction contract for \$798,825 to Specialty Construction for the Thunderbird Waterline Project.
 - b. Amend, modify, or reject the above option.

Attachments (2)
1) Resolution
2) Bid Summary

**THUNDERBIRD WELLFIELD 16-INCH DIAMETER WATER TRANSMISSION MAIN
DPW PROJECT
NO. 01-13
(RE-ADVERTISED)**

| | | | | Specialty Construction inc. San Luis Obispo, ca. | | Arthurs Contracting Atascadero, Ca. | | HMS Construction, Inc. San Marcos, Ca. | |
|------|--|------------|------|---|-------------------|--|-------------------|---|-------------------|
| ITEM | DESCRIPTION | EST QTY | UNIT | UNIT PRICE | EXT PRICE | UNIT PRICE | EXT PRICE | UNIT PRICE | EXT PRICE |
| 1 | Mobilization, for entire project... | 1 | LS | 41800.00 | 41,800.00 | 15,237.50 | 15,237.50 | 12,000.00 | 12,000.00 |
| 2 | Traffic Control | 1 | LS | 3500.00 | 3,500.00 | 4,416.00 | 4,416.00 | 4,500.00 | 4,500.00 |
| 3 | Excavation Stabilization | 15 | CY | 94.00 | 1,410.00 | 131.87 | 1,978.05 | 135.00 | 2,025.00 |
| 4 | 16-inch DIP Water Main and Fittings | 7,095 | LF | 62.00 | 439,890.00 | 65.26 | 463,019.70 | 70.00 | 496,650.00 |
| 5 | 8-inch DIP Water Main and Fittings | 85 | LF | 118.00 | 10,030.00 | 140.84 | 11,971.40 | 150.00 | 12,750.00 |
| 6 | 16" In Line Butterfly Valve Assembly | 8 | EA | 3160.00 | 25,280.00 | 3,152.15 | 25,217.20 | 3,800.00 | 30,400.00 |
| 7 | 12" In Line Butterfly Valve Assembly | 4 | EA | 2900.00 | 11,600.00 | 3,248.46 | 12,993.84 | 3,800.00 | 15,200.00 |
| 8 | 4" Air Release/Vacuum Release Assembly | 9 | EA | 6170.00 | 55,530.00 | 4,984.23 | 44,858.07 | 5,000.00 | 45,000.00 |
| 9 | Manual Drain/Blow-off Assembly | 5 | EA | 4500.00 | 22,500.00 | 5,873.74 | 29,368.70 | 5,200.00 | 26,000.00 |
| 10 | 16" Water Main and Fittings, Salinas River | 791 | LF | 235.00 | 185,885.00 | 276.00 | 218,316.00 | 240.00 | 189,840.00 |
| 11 | 8" Gate Valve Assembly | 1 | EA | 1400.00 | 1,400.00 | 949.90 | 949.90 | 1,000.00 | 1,000.00 |
| | | | | | 798,825.00 | | 828,326.36 | | 835,365.00 |

**THUNDERBIRD WELLFIELD 16-INCH DIAMETER WATER TRANSMISSION MAIN
DPW PROJECT
NO. 01-13
(RE-ADVERTISED)**

| ITEM | DESCRIPTION | EST QTY | UNIT | Raminha Const. Atascadero, Ca. | | Villa Electric Lemoore, Ca. | | MGE Underground, Inc. Paso Robles, Ca. | |
|------|--|---------|------|-----------------------------------|-------------------|--------------------------------|-------------------|---|-------------------|
| | | | | UNIT PRICE | EXT PRICE | UNIT PRICE | EXT PRICE | UNIT PRICE | EXT PRICE |
| 1 | Mobilization, for entire project... | 1 | LS | 27,082.00 | 27,082.00 | 90,000.00 | 90,000.00 | 87,327.00 | 87,327.00 |
| 2 | Traffic Control | 1 | LS | 5,324.00 | 5,324.00 | 5,000.00 | 5,000.00 | 6,946.00 | 6,946.00 |
| 3 | Excavation Stabilization | 15 | CY | 110.00 | 1,650.00 | 100.00 | 1,500.00 | 88.00 | 1,320.00 |
| 4 | 16-inch DIP Water Main and Fittings | 7,095 | LF | 62.00 | 439,890.00 | 65.00 | 461,175.00 | 74.00 | 525,030.00 |
| 5 | 8-inch DIP Water Main and Fittings | 85 | LF | 127.53 | 10,840.05 | 80.00 | 6,800.00 | 83.00 | 7,055.00 |
| 6 | 16" In Line Butterfly Valve Assembly | 8 | EA | 3,707.00 | 29,656.00 | 3,300.00 | 26,400.00 | 3,612.00 | 28,896.00 |
| 7 | 12" In Line Butterfly Valve Assembly | 4 | EA | 2,996.00 | 11,984.00 | 3,000.00 | 12,000.00 | 3,286.00 | 13,144.00 |
| 8 | 4" Air Release/Vacuum Release Assembly | 9 | EA | 6,000.00 | 54,000.00 | 3,995.00 | 35,955.00 | 4,920.00 | 44,280.00 |
| 9 | Manual Drain/Blow-off Assembly | 5 | EA | 6,000.00 | 30,000.00 | 4,100.00 | 20,500.00 | 4,315.00 | 21,575.00 |
| 10 | 16" Water Main and Fittings, Salinas River | 791 | LF | 351.00 | 277,641.00 | 314.00 | 248,374.00 | 225.00 | 177,975.00 |
| 11 | 8" Gate Valve Assembly | 1 | EA | 1,200.00 | 1,200.00 | 1,200.00 | 1,200.00 | 1,025.00 | 1,025.00 |
| | | | | | 889,267.05 | | 908,904.00 | | 914,573.00 |

**THUNDERBIRD WELLFIELD 16-INCH DIAMETER WATER TRANSMISSION MAIN
DPW PROJECT
NO. 01-13
(RE-ADVERTISED)**

| | | | | Becka Construction, Inc. Bakersfield, Ca. | | John Madonna Construction, Inc San Luis Obispo, Ca. | | Whitaker Contractors, Inc. Santa Margarita, Ca. | |
|------|--|---------|------|--|-------------------|--|---------------------|--|---------------------|
| ITEM | DESCRIPTION | EST QTY | UNIT | UNIT PRICE | EXT PRICE | UNIT PRICE | EXT PRICE | | |
| 1 | Mobilization, for entire project... | 1 | LS | 60,000.00 | 60,000.00 | \$ 25,500.00 | 25,500.00 | \$ 94,500.00 | 94,500.00 |
| 2 | Traffic Control | 1 | LS | 4,150.00 | 4,150.00 | \$ 6,200.00 | 6,200.00 | \$ 11,400.00 | 11,400.00 |
| 3 | Excavation Stabilization | 15 | CY | 129.00 | 1,935.00 | \$ 275.00 | 4,125.00 | \$ 255.00 | 3,825.00 |
| 4 | 16-inch DIP Water Main and Fittings | 7,095 | LF | 69.00 | 489,555.00 | \$ 81.00 | 574,695.00 | \$ 74.00 | 525,030.00 |
| 5 | 8-inch DIP Water Main and Fittings | 85 | LF | 76.00 | 6,460.00 | \$ 112.00 | 9,520.00 | \$ 91.00 | 7,735.00 |
| 6 | 16" In Line Butterfly Valve Assembly | 8 | EA | 3,570.00 | 28,560.00 | \$ 3,200.00 | 25,600.00 | \$ 3,800.00 | 30,400.00 |
| 7 | 12" In Line Butterfly Valve Assembly | 4 | EA | 3,420.00 | 13,680.00 | \$ 2,800.00 | 11,200.00 | \$ 3,181.00 | 12,724.00 |
| 8 | 4" Air Release/Vacuum Release Assembly | 9 | EA | 7,960.00 | 71,640.00 | \$ 3,100.00 | 27,900.00 | \$ 7,500.00 | 67,500.00 |
| 9 | Manual Drain/Blow-off Assembly | 5 | EA | 8,652.00 | 43,260.00 | \$ 3,900.00 | 19,500.00 | \$ 6,200.00 | 31,000.00 |
| 10 | 16" Water Main and Fittings, Salinas River | 791 | LF | 312.00 | 246,792.00 | \$ 415.00 | 328,265.00 | \$ 320.00 | 253,120.00 |
| 11 | 8" Gate Valve Assembly | 1 | EA | 2,120.00 | 2,120.00 | \$ 1,200.00 | 1,200.00 | \$ 822.00 | 822.00 |
| | | | | | 968,152.00 | | 1,033,705.00 | | 1,038,056.00 |

**THUNDERBIRD WELLFIELD 16-INCH DIAMETER WATER TRANSMISSION MAIN
DPW PROJECT
NO. 01-13
(RE-ADVERTISED)**

| | | | | Special Service Contractors, Inc Paso Robles, Ca. | |
|------|--|------------|------|--|---------------------|
| ITEM | DESCRIPTION | EST QTY | UNIT | UNIT PRICE | EXT PRICE |
| 1 | Mobilization, for entire project... | 1 | LS | \$ 50,239.00 | 50,239.00 |
| 2 | Traffic Control | 1 | LS | \$ 6,058.00 | 6,058.00 |
| 3 | Excavation Stabilization | 15 | CY | \$ 312.00 | 4,680.00 |
| 4 | 16-inch DIP Water Main and Fittings | 7,095 | LF | \$ 82.00 | 581,790.00 |
| 5 | 8-inch DIP Water Main and Fittings | 85 | LF | \$ 65.00 | 5,525.00 |
| 6 | 16" In Line Butterfly Valve Assembly | 8 | EA | \$ 5,187.00 | 41,496.00 |
| 7 | 12" In Line Butterfly Valve Assembly | 4 | EA | \$ 5,741.00 | 22,964.00 |
| 8 | 4" Air Release/Vacuum Release Assembly | 9 | EA | \$ 8,730.00 | 78,570.00 |
| 9 | Manual Drain/Blow-off Assembly | 5 | EA | \$ 9,043.00 | 45,215.00 |
| 10 | 16" Water Main and Fittings, Salinas River | 791 | LF | \$ 540.00 | 427,140.00 |
| 11 | 8" Gate Valve Assembly | 1 | EA | \$ 2,293.00 | 2,293.00 |
| | | | | | 1,265,970.00 |

RESOLUTION NO. 04-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
AWARDING A CONSTRUCTION CONTRACT FOR A 16-INCH WATERLINE FROM
THE THUNDERBIRD WELLFIELD (RE-ADVERTISED)

WHEREAS, the Water Master Plan has identified the need to install a redundant 16-inch diameter pipeline from the Thunderbird Wellfield; and

WHEREAS, at the bid opening on July 12, 2004, 10 bids were opened ranging from a low of \$798,825 to a high of \$1,265,970; and

WHEREAS, staff reviewed \$798,825 bid submitted by Specialty Construction, and found it to be responsive.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. That the City Council does hereby find that the bid submitted by Specialty Construction in the amount of \$798,825 to be responsive.

SECTION 2. That the City Council does hereby authorize the City Manager to enter a contract with Specialty Construction for the Thunderbird Waterline Project.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 20th day of July 2004 by the following votes:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frank R. Mecham, Mayor

ATTEST:

Sharilyn M. Ryan, Deputy City Clerk