

CITY OF EL PASO, TEXAS
DEPARTMENT HEAD'S SUMMARY REQUEST FOR COUNCIL ACTION (RCA)

DEPARTMENT: Engineering

AGENDA DATE: March 4, 2008

CONTACT PERSON/PHONE: R. Alan Shubert, City Engineer (X4423)
Terrence Freiberg, Purchasing Manager (X4313)

DISTRICT(S) AFFECTED: 7

SUBJECT:

Award of the Shawver Pool HVAC Upgrade Project to Basic IDIQ, Inc. in the amount of \$174,938.00.

Request that the Purchasing Manager, Financial Services-Purchasing Division, be authorized to issue a Purchase Order to Basic IDIQ, Inc., The Cooperative Purchasing Network (TCPN) contractor, under contract number R4539 (Area Job Order Contract) for the Shawver Pool HVAC Upgrade Project, Reference Number 2008-144.

BACKGROUND / DISCUSSION:

The Shawver Pool HVAC system was constructed in 1992 and now needs to be upgraded. The award of the project at this time will allow the improvements to be completed before the swimming season resumes later this year.

Basic IDIQ, Inc. is the contractor designated as the Area Job Order Contractor (AJOC) for the El Paso area under The Cooperative Purchasing Network (TCPN). Basic IDIQ competed statewide for the AJOC award and was selected as the lowest bidder. A job order contract is to be used for the minor repair, rehabilitation, or alteration of a facility, currently in an amount not to exceed \$2 million per project. The Council approved the City's use of the TCPN on March 27, 2007. The Basic IDIQ Inc. revised proposal was accepted by the Engineering Department after discussions with the Basic IDIQ local representative.

PRIOR COUNCIL ACTION:

None

AMOUNT AND SOURCE OF FUNDING:

Funding available from four sources:

Source 1: 2006 Certificates of Obligation: Project-PCP08MF01, DeptID-99331117, Fund-27263 & Account-508027 (\$30,000)

Source 2: 1995A Certificates of Obligation: Project-PPAQ07001, DeptID-31131001, Fund-27061 & Account-508027 (\$87,416.60)

Source 3: 1997A Certificates of Obligation: Project-PPA07001, DeptID-31134001, Fund-27101 & Account-508027 (\$22,583.40)

Source 4: Capital Acquisition Fund: Project-PPA07001, DeptID-04102010, Fund-27503, & Account-508027 (\$100,000)

**CONSTRUCTION PROJECT FORM
Lump Sum**

DATE: February 19, 2008

PROJECT: Shawver Pool HVAC Improvements

AGENDA DATE: March 4, 2008

Local Area Job Order Contractor

CONTRACTOR: Basic IDIQ, Inc.

AMOUNT: \$174,938.00

RECOMMENDATION:

Request that the Purchasing Manager, Financial Services, Purchasing Division, be authorized to issue a Purchase Order to Basic IDIQ, Inc. The Cooperative Purchasing Network (TCPN) contractor, under contract number R4539 (Area Job Order Contract) for the Shawver Pool HVAC Project for the total amount of \$174,938.00 to fund the Base Bid.

The participation by the City of El Paso in The Cooperative Purchasing Network (TCPN) was approved by Mayor and City Council on March 27, 2007.

DEPARTMENT: Parks Department

AWARD TO: Basic IDIQ, Inc.
Houston, TX

ITEMS: Base Bid: \$174,938.00

ACCOUNT NO(S): P500232-21150060-16411-508027

FUNDING SOURCE:

Source 1: 2006 Certificates of Obligation: Project-PCP08MF01, DeptID-99331117, Fund-27263 & Account-508027 (\$30,000)

Source 2: 1995A Certificates of Obligation: Project-PPAQ07001, DeptID-31131001, Fund-27061 & Account-508027 (\$87,416.60)

Source 3: 1997A Certificates of Obligation: Project-PPA07001, DeptID-31134001, Fund-27101 & Account-508027 (\$22,583.40)

Source 4: Capital Acquisition Fund: Project-PPA07001, DeptID-04102010, Fund-27503, & Account-508027 (\$100,000)

REFERENCE NO: 2008-144

DISTRICT(S): 7

LOCATION: 652 Riverside Drive

It is requested that the City Manager of the City of El Paso be authorized to sign any contracts or other documents required to effectuate this award.

As part of the award of this contract, the City Engineer is authorized to approve contract changes which are necessary for proper construction of the work and carrying out the intent of the design, but which do not increase the scope of the contract as awarded, in an amount not to exceed \$25,000.00 per numbered change order without further authorization by City Council.

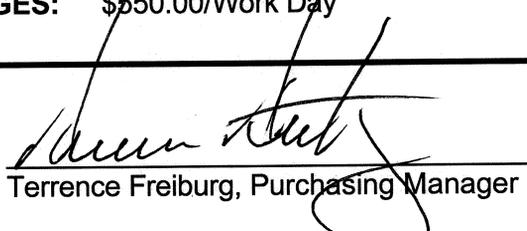
This is a lump sum contract. The Financial Services, Engineering and Park Departments recommend award as indicated.

TOTAL RECOMMENDED AWARD: \$174,938.00

TIME FOR COMPLETION: 30 Work Days

LIQUIDATED DAMAGES: \$550.00/Work Day

APPROVED:


Terrence Freiburg, Purchasing Manager

PROJECT SCOPE

SHAWVER POOL HVAC IMPROVEMENTS

GENERAL DESCRIPTION:

BASE BID:

The project consists of removal of old HVAC and installation of new HVAC units at the Shawver Pool. The Contractor shall install all necessary equipment and material shall be included to perform a complete and operational job. The following are different tasks to be performed.

1. Remove existing 2 roof top, heating and ventilating units for pool area.
2. Remove existing 2 roof top heating units for men's and women's restrooms.
3. Install 2 new 1,200,000 BTU [1,200 MBH] roof top heating units. Modify roof curve; all new duct work must be sealed and insulated, connect electrical, gas and low voltage connection. Start up each unit.
4. Install 2 new roof top heating units, 200,000 BTU [200 MBH] for men's and women's locker room areas, modify, seal and insulate the duct as needed, connect electrical, gas and low voltage connection. Start up each unit.
5. Furnish all material and labor to install following equipment as per minimum specifications; system voltage at both locations is 208v/3 ph.
6. All work must be done according to current mechanical code and industry practices.
7. Keep the work and surrounding area safe and clean, pools will be in operation during the work.
8. Haul away all removed units and material, salvage all electrical motors, starters and disconnect switches to the owner.
9. Work must be completed within six weeks (30 Work Days) from the date of issue of the Notice to Proceed.
10. Design should target 8 air exchanges per hour [ach] in the main pools and an evaluation of relief hoods and dampers and exhaust fans for the main pools and showers and offices. All heating units shall operate with their own thermostats and humidistat's

12. Existing exhaust fans will not be interlocked to ventilation units; one exhaust fan will be controlled by a humidistat and one exhaust fan will be controlled by a manual switch to be located in the office.
13. Replace existing controls, providing ventilation and heating with “HI-LO” speeds; heating side to be controlled by space temperature sensors in the pool area.
14. All conduit shall run exposed along existing walls and be painted.
15. Electric systems: Provide power to all new equipment. Provide conduit and switches as required for sensors and operation of new mechanical equipment.
16. Plumbing systems: Review current gas line installation to accommodate new gas load(s).
17. New heating and ventilating units at Shawver pool area shall be side discharge and shall be installed on metal frames above the roof.
18. Install metal frame base at Shawver pool for existing exhaust fan. Extend exterior duct as required for new fan location.
19. Install two new 4000 cfm/3 hp exhaust fans at Shawver pool for the pool area. One fan shall be installed parallel to existing fan and connect to existing wall opening. Extend exhaust ductwork inside the building to floor level on both exhaust systems. The second fan shall be installed above the low roof, and connect thru the wall to a wall louver.
20. Exhaust fans at Shawver pool (two new and one existing) will not be interlocked to ventilation units; two exhaust fans will be controlled by a humidistat and one exhaust fan will be controlled by a manual switch to be located in the office.
21. Install eight wall louvers at Shawver pool to provide relieve air from the pool. Louvers shall have barometric relief dampers. Additionally, it was requested to install relief vents using the existing skylights. Smaller relief hoods will be provided in the middle of the existing skylights.
22. Replace existing air devices at Shawver pool in the pool area with two-way air devices to disperse air to wall and above the pool area.

The descriptions of this Scope of Work as shown are only a general overview of the requirements of this project. Contractor shall refer to the project specifications drawings and Engineering Department for further specific information and clarification.

RECOMMENDATION



ENGINEERING DEPARTMENT

Excellence through Teamwork

memorandum

TO: Rick Talamo, Capital Projects Manager

FROM: Jose Luis Sierra, Engineering Division Manager

DATE: February 12, 2008

SUBJECT: Shawver Pool HVAC Upgrade

The bidding package for the above-project mentioned has been reviewed and we recommend Basic Industries to be awarded the contract, as the most responsive and responsible bidder meeting specifications.

Base Bid \$174,938

If there are any questions please call me at 541-4630



February 8, 2008

Mr. Martin Noriega
Civil Engineer Associate
The City of El Paso
Engineering Department
#2 Civic Center Plaza, 4th Floor
El Paso, Texas 79901

Subject **Construction Services Proposal**
 Shawver Pool HVAC Upgrade Revision 2
 8100 Independence Drive
 El Paso, Texas 79907
 BI Proposal Number 15-1800-0V

Dear Sir:

Basic IDIQ, Inc. (BI) is pleased to provide this revised proposal for the subject project. This revised proposal was prepared using the scope of work detailed in the construction drawings and technical specifications prepared by Alegro Engineering "Shawver Pool – HVAC Upgrade" dated November 20, 2007. All work will be completed in accordance with the information provided by Alegro Engineering and the requirements of TCPN AJOCSM. The revised timeframe for this project is expected to be approximately 6 weeks. This revised proposal is comprised of the following:

- Cost Summary – Revision 2
- Unit Costs – Revision 2

We thank you for the opportunity to offer this revised proposal on this project, and we look forward to working with you for its successful execution and completion. Should you have any questions, or need further information, please feel free to contact us.

Respectfully,

sent via email with
signed original to follow

Michael Roman
Project Manager

Reviewed by,

sent via email with
signed original to follow

Eddie Linss
El Paso Area Manager

Attachments:

1. Cost Summary – Revision 2
2. Unit Costs – Revision 2

Means Based Pricing (Modified by City Cost Index)	\$	225,405
Bid Coefficient (Means Based Pricing Only)	77.0% \$	(51,843)
Subtotal	\$	173,562

Non Pre-Priced Items (Below-Listed Items Not Addressed W/ RS Means)

	\$	-
	\$	-
Overhead	\$	-
Profit	\$	-
Subtotal	\$	-
Total	\$	173,562

TCPN AJOCSM Contract Factors

Project Size	0.0% \$	-
Distance	0.0% \$	-
Time of Performance	0.0% \$	-
Annual Volume	-2.0% \$	(3,471)
Utilization of Prevailing Wage Scales	0.0% \$	-

Permitting Fees (Allowance/Pass Through)

	\$	-
Subtotal	\$	(3,471)
Adjusted Total	\$	170,091

Payment and Performance Bonds

	2.85% \$	4,848
Final Total	\$	174,938

CostWorks 2007 Quarter 4 - Shawver Pool HVAC Upgrade REVISION 2

Qty	CSI Number	Description	Unit	Bare Mat.	Bare Labor	Bare Equip.	Total	Total Incl. O&P
0	01 250 400 0550	Cut & patch to match existing construction, add, maximum, add to construction costs for particular job requirements	Costs	5.0%	9.0%			
0	01 250 400 0850	Dust protection, add, maximum, add to construction costs for particular job requirements	Costs	4.0%	11.0%			
0	01 250 400 1750	Protection of existing work, add, maximum, add to construction costs for particular job requirements	Costs	5.0%	7.0%			
0	01 250 500 1200	Subcontractor availability, shortage, add, modifications to total project cost summaries	Project				12.0%	12.0%
6	01 310 700 0160	Field Personnel, general purpose laborer, average	Week	0.00	6,114.51	0.00	6,114.51	9,528.44
4	01 310 700 0220	Field Personnel, project manager, maximum	Week	0.00	7,687.16	0.00	7,687.16	12,079.82
6	01 310 700 0280	Field Personnel, superintendent, maximum	Week	0.00	9,936.07	0.00	9,936.07	15,541.03
0.5	01 590 600 2500	Rent crane truck mounted, hydraulic, 25 ton capacity	Week+	0.00	0.00	2,046.68	2,046.68	2,251.35
4	01 840 100 0100	Moving Equipment, remove and reset, 100' distance, no obstructions, assembly or leveling unless noted, annealing furnace, 24' overall	Ea.	0.00	508.73	302.28	811.01	1,134.73
5	02 220 350 0725	Rubbish handling, dumpster, 20 C.Y., 8 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost.	Week	5,363.94	0.00	0.00	5,363.94	5,900.34
245	02 220 396 0100	Selective demolition, natural gas pipe, steel, 1-4", excludes excavation	L.F.	0.00	299.61	55.54	355.15	557.25
265	02 550 466 4080	Steel pipe, tar coated and wrapped, plain end, natural gas distribution, 2" diameter, schedule 40, excludes excavation or backfill	L.F.	4,458.42	881.47	63.42	5,403.30	6,367.94
15	02 550 466 8020	Elbow, steel pipe, tar coated and wrapped, welded joint, standard weight, 4" diameter, schedule 80, excludes excavation or backfill	Ea.	1,906.26	1,516.40	150.19	3,572.85	4,621.20
125	04 080 070 0040	Anchor bolts, hooked type, 5/8" diameter x 8" long, includes nut and washer	Ea.	203.98	177.32	0.00	381.31	511.15
60	05 120 440 0464	Angle framing, structural steel, 1"x1"x1/8", field fabricated, incl cutting & welding	L.F.	46.79	464.70	56.68	568.17	987.55
50	05 120 560 0050	Steel plate, structural, for connections & stiffeners, 1/8" T, shop fabricated, incl shop primer	S.F.	415.19	0.00	0.00	415.19	456.71
40	07 460 100 0012	Aluminum siding, on steel construction, natural, standard type, .019" thick	S.F.	70.47	51.52	0.00	122.00	160.87
100	07 590 300 1100	Roof Coatings, roof patch & flashing cement, 5 gal	Gal.	1,783.51	0.00	0.00	1,783.51	1,961.86
100	07 650 600 9100	Flexible Flashing, stainless steel sheets, .018" thick, 26 gauge	S.F.	880.92	122.29	0.00	1,003.21	1,195.66

CostWorks 2007 Quarter 4 - Shawver Pool HVAC Upgrade REVISION 2

Qty	CSI Number	Description	Unit	Bare Mat.	Bare Labor	Bare Equip.	Total	Total Incl. O&P
30	07 920 800 0200	Caulking & Sealants, acrylic latex caulk, white, 11 fl.oz. cartridge	Ea.	108.74	0.00	0.00	108.74	119.62
20	07 920 800 4100	Caulking & Sealants, silicone rubber, bulk	Gal.	1,213.08	0.00	0.00	1,213.08	1,334.38
8	10 210 800 0500	Wall louvers, aluminum, with screen, residential, new, fixed, 24" x 30"	Ea.	410.14	111.53	0.00	521.66	646.16
75	15 055 300 1590	Ductwork, spiral wound, selective demolition	L.F.	0.00	72.15	0.00	72.15	113.73
1	15 055 300 1760	Exhaust system, components, selective demolition	System	0.00	26.50	0.00	26.50	42.39
60	15 055 300 2992	Louver, selective demolition	S.F.	0.00	275.89	0.00	275.89	439.27
1	15 055 300 3000	HVAC, mechanical equipment, light items; unit is weight, not cooling, selective demolition	Ton	0.00	440.24	0.00	440.24	684.82
4	15 055 300 3720	Make-up air unit, up thru 6000 CFM, selective demolition	Ea.	0.00	528.29	0.00	528.29	815.27
12	15 055 300 7010	Vent chimney, prefabricated, 14" thru 36" diameter, selective demolition	V.L.F.	0.00	114.46	0.00	114.46	181.97
25	15 060 300 3350	Pipe hanger / support, saddle type pipe support, complete, adjustable, cast iron saddle, 4" pipe size, type number 36 per MSS-SP58, excludes vertical pipe riser (usually 3" Diam)	Ea.	5,126.69	79.90	0.00	5,206.59	5,753.50
45	15 107 620 0610	Pipe, steel, black, threaded, 2" diameter, schedule 40, Spec. A-53, includes coupling and clevis type hanger sized for covering, 10' OC	L.F.	461.40	276.62	0.00	738.02	936.05
150	15 107 620 1350	Pipe, steel, galvanized, threaded, 1-1/2", schedule 40, Spec. A-53, includes coupling and clevis hanger assembly sized for covering, 10' OC	L.F.	1,560.29	654.65	0.00	2,214.94	2,736.36
1	15 190 605 4020	Meter, gas, residential, 1" pipe size	Ea.	272.94	18.26	0.00	291.20	328.12
2	15 720 500 1040	Make-up air unit, indirect-fired, rooftop unit, natural gas, gravity vent, stainless steel exchanger, MBH is input, 70Deg.F temperature rise, 1245 CFM, 95 MBH, includes standard controls	Ea.	15,085.40	361.59	0.00	15,446.99	17,081.38
2	15 720 500 1240	Make-up air unit, indirect-fired, rooftop unit, natural gas, gravity vent, stainless steel exchanger, MBH is input, 70Deg.F temperature rise, 11,900 CFM, 900 MBH, includes standard controls	Ea.	62,107.71	2,144.71	0.00	64,252.42	71,473.51
4	15 720 500 9000	Make-up air unit, minimum labor/equipment charge	Job	0.00	1,660.01	0.00	1,660.01	2,564.34

CostWorks 2007 Quarter 4 - Shawver Pool HVAC Upgrade REVISION 2

Qty	CSI Number	Description	Unit	Bare Mat.	Bare Labor	Bare Equip.	Total	Total Incl. O&P
0	15 810 100 0053	Ductwork, fabricated rectangular, 15' to 20' high, includes fittings, joints, supports and allowance for a flexible connection, excludes insulation, add to labor for elevated installation of fabricated ductwork			12.0%			
475	15 810 100 0520	Ductwork, fabricated rectangular, galvanized steel, 200 to 500 lb., includes fittings, joints, supports and allowance for a flexible connection, excludes insulation	Lb.	500.75	1,386.52	0.00	1,887.28	2,772.16
0	15 810 100 1220	Ductwork, fabricated rectangular, for 30% fittings, add	Lb.		11.0%			
2	15 830 100 5540	Fans, industrial exhauster, 2000 CFM, 3 H.P.	Ea.	7,635.88	511.17	0.00	8,147.05	9,249.38
75	15 850 600 4300	Louver, aluminum, extruded, with screen, mill finish, penthouse, walls	S.F.	4,928.12	386.44	0.00	5,314.56	6,026.27
12	15 850 700 2480	Register, air supply, ceiling/wall, anodized aluminum, adjustable vertical or horizontal face bars, one way deflection, 30" x 24", includes opposed blade damper	Ea.	3,483.26	224.04	0.00	3,707.30	4,181.83
4	15 850 800 5700	Ventilator, relief vent, rectangular, aluminum, galvanized curb, intake/exhaust, 0.05" S.P., 6000 CFM, 20" x 84", includes base and damper	Ea.	6,643.04	570.69	0.00	7,213.72	8,350.88
4	15 955 100 1100	Balancing, air, heating and ventilating unit, (Subcontractor's quote including material & labor)	Ea.	0.00	0.00	0.00	1,679.33	1,847.26
7	15 955 100 1400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	Ea.	0.00	0.00	0.00	1,301.48	1,427.43
18	15 955 100 3100	Balancing, air conditioning equipment, supply, return, exhaust, registers and diffusers, high ceiling, (Subcontractor's quote including material & labor)	Ea.	0.00	0.00	0.00	1,511.40	1,651.74
2	15 955 700 0160	Pipe testing, nondestructive hydraulic pressure test, isolate, 1 hour hold, 1" to 4" pipe, 250 - 500 L.F.	Ea.	0.00	554.38	0.00	554.38	867.44
180	16 055 300 0220	Conduit, electric metallic tubing (EMT), 1-1/4" to 1-1/2" diameter, remove conduit to 15' high, incl fittings & hangers	L.F.	0.00	176.10	0.00	176.10	270.02
1	16 055 300 1210	Panelboards, remove, incl removal of all breakers		0.00	0.00	0.00	0.00	0.00
6.5	16 055 340 0120	Armored cable, PVC jacket, in cable tray, #4, remove	C.L.F.	0.00	254.36	0.00	254.36	392.14
7.5	16 055 340 1120	Control cable, copper, 600 V or less, 5 wires, remove	C.L.F.	0.00	118.62	0.00	118.62	182.82
5	16 055 350 0120	Meter socket, 4 terminal, remove	Ea.	0.00	191.59	0.00	191.59	289.42

CostWorks 2007 Quarter 4 - Shawver Pool HVAC Upgrade REVISION 2

Qty	CSI Number	Description	Unit	Bare Mat.	Bare Labor	Bare Equip.	Total	Total Incl. O&P
13	16 120 900 0040	Wire, copper solid, 600 volt, #10, type THW, in raceway	C.L.F.	388.11	395.40	0.00	783.52	1,045.51
300	16 132 205 5000	Electric metallic tubing (EMT), 1/2" diameter, to 15' high, incl 2 terminations, 2 elbows & 11 beam clamps per 100 LF	L.F.	246.95	562.53	0.00	809.48	1,129.14
615	16 132 205 5020	Electric metallic tubing (EMT), 3/4" diameter, to 15' high, incl 2 terminations, 2 elbows & 11 beam clamps per 100 LF	L.F.	825.97	1,504.17	0.00	2,330.14	3,221.98
35	16 132 205 5200	Electric metallic tubing (EMT), field bends, 45 Deg. to 90 Deg., 1/2" diameter	Ea.	0.00	124.98	0.00	124.98	191.18
65	16 132 205 5220	Electric metallic tubing (EMT), field bends, 45 Deg. to 90 Deg., 3/4" diameter	Ea.	0.00	257.54	0.00	257.54	396.38
35	16 132 205 6200	EMT couplings, set screw, steel, 1/2" diameter, to 15' H	Ea.	63.69	0.00	0.00	63.69	70.06
50	16 132 205 6220	EMT couplings, set screw, steel, 3/4" diameter, to 15' H	Ea.	138.64	0.00	0.00	138.64	152.50
15	16 136 720 0680	Pull boxes & cabinets, enclosures fiberglass, small, screw cover, 5-1/2"H x 4"W x 4-15/16"D, NEMA 4X	Ea.	1,169.75	399.89	0.00	1,569.64	1,912.85
1	16 220 610 0250	Motors, dripproof, premium efficiency, 1.15 service factor, 1800 RPM, 230/460 V, 60 Hz, 5 HP	Ea.	469.34	70.11	0.00	539.46	626.34
5	16 410 200 0100	Circuit breaker, 3 pole, 600 volt, 30 amp, enclosed (NEMA 1)	Ea.	3,610.35	497.31	0.00	4,107.66	4,745.88
2	16 410 200 0200	Circuit breaker, 3 pole, 600 volt, 60 amp, enclosed (NEMA 1)	Ea.	1,444.14	226.64	0.00	1,670.78	1,930.96
7	16 410 800 9010	Disconnect switch, 3 pole fusible, 30 amp, to 10 HP motor, 600 volt	Ea.	2,557.57	696.24	0.00	3,253.81	3,859.97
1	16 420 240 6170	Control switches, push button, momentary contact, std oper, w/dbl block 2NO 2NC, 600 V 10 A	Ea.	67.15	21.20	0.00	88.35	107.05
Totals				\$135,648.60	\$43,654.50	\$2,674.79	\$186,470.10	\$225,405.37