

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATION**

cc: 8C
Amend No. _____

Date Prepared: November 13, 2009

Council Meeting Date: December 15, 2009

TO: Carl Swenson, City Manager
THROUGH: Susan K. Thorpe, Deputy City Manager *SJT*
FROM: William Mattingly, Public Works-Utilities Director *WJM*
PREPARED BY: Javier Setovich, Construction Superintendent
SUBJECT: Award a Job Order Contract to Felix Construction for the Design and Construction of the Sunnyboy Well Site Improvements. (UT00206, P08-0047BP13, ACON23908P13).

RECOMMENDATION:

Discussion and possible action to award a Job Order Contract to Felix Construction Company for the design and construction of improvements at the Sunnyboy Well and Reservoir Site for an amount equal to \$237,420. Payment in the amount of \$237,420 will be made from Water Facility Reconditioning, Water Utility Account 2050-2140-543002-CIPWR-UT00206-CO.

SUMMARY:

The Sunnyboy Well and Reservoir is located at 8686 N. 108th Lane. This site is an important water supply for this area of the City. The Public Works - Utilities Department has identified improvements to the facility which will upgrade the Sunnyboy Well and Reservoir Site. This project will construct a retention basin on-site to provide for periodic well flushing. The work will include the addition of a discharge meter and modifications to the on-site piping to replace aging equipment. All new equipment will be integrated to the existing Utilities Supervisory Control and Data Acquisition (SCADA) system which communicates with the Greenway Water Treatment Facility Control Center.

CITY CLERK USE ONLY:

- Consent Agenda
- Carry Over to Date: _____
- Approved
- Unfinished Business (Date heard previous: _____)
- New Business

ORD. # _____ RES. # _____
ALCON# 23908P13 LIC. # _____
Action Date: _____

Major elements of the project include:

- Engineering Design and Construction Services
- Construction of a Retention Basin and a Dry Well
- Removal of an existing surge tank
- Installation of MAG meter
- Installation of flow control valves
- Electrical modifications
- SCADA Integration

Felix Construction Company's proposal includes all costs needed to deliver the project from design through full completion of construction.

Staff recommends approval of this Job Order Contract award to Felix Construction Company for an amount not-to-exceed \$237,420.

FISCAL NOTE:

Payment in the amount of \$237,420 will be made from Water Facility Reconditioning, Water Utility Account 2050-2140-543002-CIPWR-UT00206-CO.

ATTACHMENT(S):

Exhibit "A" Job Order Contract

Attachment A



**City of Peoria, Arizona
Individual Job Order Contract**



SOQ No: P08-0047	Project Number P08-0047B-P13
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Job Description: Water, Waste Water Treatment & Offsite Facilities Projects	Project Name: Sunnyboy Wellsite Modifications
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Location: City of Peoria, Materials Management	Contact: Lisa Houg, CPPB
Mailing Address: 8401 W. Monroe St., Peoria, AZ 85345	Phone: (623) 773-7191

OFFER

Contractor's
License Number: ROC070935 –ROC083020

Felix Construction Company

Job Order Contractor Name	Authorized Signature for Offer
309 East 10 th Drive	Donald Felix
Address	Printed Name
Mesa, AZ 85210	President
City State Zip Code	Title
(480) 464-0011	(480) 464-0078
Telephone	Facsimile

ACCEPTANCE OF OFFER AND CONTRACT AWARD (For City of Peoria Use Only)

Your offer is hereby accepted. The Contractor is now bound to sell the construction services listed by the attached award notice based upon the solicitation, including all terms conditions, specifications, amendments, etc., of the contract and the Contractor's offer as accepted by the City. The Contractor is hereby cautioned not to commence any billable work or provide any material, service or construction under this contract until Contractor receives an executed Notice to Proceed and Purchase Order.

Attested by:	City of Peoria, Arizona.
Mary Jo Kief, City Clerk	Eff. Date: _____
	Approved as to form:
	Stephen M. Kemp, City Attorney
ACON23908P13	Awarded on _____
CC	
8C-12/15/08	
Contract Number	
City Seal	Carl Swenson, City Manager
Official File	

Attachment A

Felix Construction Company

SOQ # P08-0047

1455.17 - JOC Cost Summary
Sunnyboy Hydro - Dry Well Project
 October 15, 2009

Amount % of Total G&A O&P

Project Cost Range - \$25,000 to \$100,000

Direct Cost of the Work

Labor
 Company Equipment
 Rental Equipment
 Materials
 Subcontractors
 Other Direct Costs

Total Direct Cost Of the Work

41,531	17.49%	4.7%	10.0%
19,646	8.27%	4.7%	7.5%
980	0.41%	4.7%	7.5%
55,205	23.25%	4.7%	7.5%
17,775	7.49%	4.7%	4.0%
6,830	2.88%	4.7%	7.5%
141,967	59.80%		

Indirect Cost of the Work

Consulting Engineer Services
 General & Administrative Expense
 Job Order Contractor's Fee (profit)
 Insurance
 Payment and Performance Bonds
 Tax: State + County + Peoria
 Tax: Exemption Credit
Total Indirect Cost of the Work

25,530	10.75%	4.7%	
7,872	3.32%		
11,064	4.66%		
1,136	0.48%		
3,095	1.30%		
8,694	3.66%	Rate:	8.10%
1,938			
55,453	23.36%		

Total Cost of the Work

197,420	83.15%		
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Contingencies/Allowances

Contractor's Contingency Allowance
 Owner's Contingency/Allowances

Total Contingencies/Allowances

20,000	8.42%		
20,000	8.42%		
	0.00%		
	0.00%		
40,000	16.85%		

Total Job Order Amount

237,420	100.00%		
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Attachment A

**City of Peoria - Water Wastewater J.O.C.
Felix Construction Company - GMP Scope**

Project: Sunnyboy Hydro - Dry Well Project

Date: October 15, 2009

Scope

Includes:

- 1 Consulting services for design phase (see Coe & Van Loo proposal)
- 2 Consulting services for construction phase (see Coe & Van Loo proposal)
- 3 MCESD Approval to Construct / Approval of Construction
- 4 Remove existing hydro tank and haul off
- 5 Piping to span distance of hydro tank, including a new 12" flowmeter
- 6 New silent check valves to replace existing globe check valves (for surge control)
- 7 New surge anticipator valve to return surges to the suction manifold including a new 6" FM
- 8 Piping modifications at booster pump station as required
- 9 Electrical modifications to tie flowmeters into existing RTU
- 10 Testing, disinfection, startup
- 11 New retention basin for the pump-to-waste line
- 12 Riprap sides slopes and bottom of retention basin
- 13 Piping from existing discharge box to retention basin
- 14 Headwall for pipe termination in retention basin
- 15 Dry well in retention basin - 50 VF (see Torrent Resources proposal)
- 16 Valley gutter from the headwall to the dry well
- 17 Retention basin / dry well system design to take 1,000 gpm for 30 minutes
- 18 Valving and tees on pipe to allow manual rerouting water into the existing inlet or through the wall onto the existing cartway.
- 19 Allowance - Added drywell depth - \$2,100 (50 VF @ \$42)
- 20 Allowance - Surface treatment at the excess soil dump site - \$700
- 21 Allowance - MCESD permit allowance - \$2,000
- 22 Allowance - Contractor's allowance - \$20,000
- 23 Allowance - Owner's allowance - \$20,000
- 24 Painting
- 25 As-built drawings, O&M manuals
- 26 Taxes
- 27 Bonds

Excludes:

- 1 Programming of RTU & host (by City)
- 2 Removal of concrete foundation for hydro tank
- 3 Ornamental iron pickets for security at top of existing CMU site wall
- 4 New pressure transmitter. (We will reuse the existing PIT and provide new pipe tap)
- 5 Cost of permits (We will prepare plans and submit to the City)
- 6 We exclude handrail on the headwall
- 7 We exclude relocation of the existing APS line in the southeast quadrant of the site and runs northward through the site.
- 8 We exclude geotech / soils / concrete testing

Also see GMP Assumptions

Attachment A

Felix Construction Company

Schedule - Sunnyboy Hydro - Dry Well Project

Design-Build GMP Schedule REV1
October 22, 2009

ID	Task Name	Duration	Start	Finish	Predecessors	November Nov	December Dec	January Jan	February Feb	March Mar	April Apr	May May	June Jun
1	Council Approval	0 days	Tue 12/22/09	Tue 12/22/09			12/22						
2	NTP	3 days	Tue 12/22/09	Thu 12/24/09	1								
3	60% Drawings	22 days	Fri 12/25/09	Mon 1/25/10	2								
4	Review 60% Drawings	8 days	Tue 1/26/10	Thu 2/4/10	3								
5	100% Drawings	12 days	Fri 2/5/10	Mon 2/22/10	4								
6	Review 100% Drawings	8 days	Tue 2/23/10	Thu 3/4/10	5								
7	Submit / Approve MCESD	15 days	Tue 2/23/10	Mon 3/15/10	5								
8	Permits - Peoria	20 days	Tue 2/23/10	Mon 3/22/10	5								
9	Construction NTP	3 days	Tue 3/23/10	Thu 3/25/10	8,7								
10	Submittal Review / Approve	12 days	Fri 3/5/10	Mon 3/22/10	6								
11	Procure materials	20 days	Tue 3/23/10	Mon 4/19/10	10								
12	Mechanical work	11 days	Tue 4/20/10	Tue 5/4/10	11,9								
13	Electrical work	12 days	Wed 5/5/10	Thu 5/20/10	12								
14	Programming	2 days	Fri 5/21/10	Mon 5/24/10	13								
15	Pump to waste piping	8 days	Fri 4/9/10	Tue 4/20/10	9FS+10 days								
16	Retention basin w/ riprap	8 days	Wed 4/21/10	Fri 4/30/10	15								
17	Headwall & valley gutter	8 days	Mon 5/3/10	Wed 5/12/10	16								
18	Startup, debug	2 days	Tue 5/25/10	Wed 5/26/10	14								
19	As-built & closeout docs	10 days	Thu 5/27/10	Wed 6/9/10	18,17								
20	MCESD AOC	15 days	Thu 6/10/10	Wed 6/30/10	19								

Project: MSProj11
Date: Thu 10/22/09

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	