

**CITY OF PEORIA, ARIZONA  
COUNCIL COMMUNICATIONS**

cc: LC  
Amend No. \_\_\_\_\_

Date prepared: May 22, 2009

Council Meeting Date: December 1, 2009

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**TO:** Carl Swenson, City Manager

**THROUGH:** Susan J. Daluddung, Deputy City Manager *SD*

**FROM:** Andrew Granger, P. E., Engineering Director *AG*

**THROUGH:** Dan Nissen, P. E., Assistant City Engineer

**PREPARED BY:** Ben Wilson, P. E., Civil Engineer *BW*

**SUBJECT:** Agreement with Salt River Project (SRP) for the Construction of irrigation water facilities as a part of the Olive Avenue and Loop 101 Traffic Interchange Improvements. (SRP Job number RD-82863 ACON55908, Engineering Project No. P-0607, EN00219)

**RECOMMENDATION:**

Discussion and possible action to authorize the City Manager to execute an Agreement with Salt River Project (SRP) for design services in the amount of \$43,700 and construction services in the amount of \$99,066 for a grand total of \$142,766 in accordance with the Design and Construction Services Proposal dated November 2, 2009 for the Olive Avenue and Loop 101 Traffic Interchange (TI) Improvement.

**SUMMARY:**

This project is a joint participation with the City of Peoria (City) and the Arizona Department of Transportation (ADOT) for the Olive Avenue and Loop 101 TI widening. The widening will include three through lanes westbound and eastbound, right-turn lanes westbound and eastbound and dual left-turn lanes westbound and eastbound. ADOT is the lead agency and will conduct all design concept, design, construction and construction administration for the project. The City is responsible for preparing a noise study along Olive Avenue, build noise walls prior to ADOT construction, acquire easements and rights-of-way, relocate the Olive Commerce Park commercial sign, relocate all utilities in conflict with ADOT construction plans and relocate landscape irrigation meters and valves.

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**CITY CLERK USE ONLY:**

- Consent Agenda
- Carry Over to Date: \_\_\_\_\_
- Approved
- Unfinished Business (Date heard previous: \_\_\_\_\_)
- New Business
- Public Hearing: No Action Taken

ORD. # \_\_\_\_\_ RES. # \_\_\_\_\_  
*ALCON# 55908* LIC. # \_\_\_\_\_  
Action Date: \_\_\_\_\_

As part of the utility company relocation effort, SRP Irrigation has identified underground irrigation water distribution facilities that are in conflict with the project improvements and must be relocated. On October 21, 2008, an estimated design fee and approval to bill was administratively approved to allow SRP to begin design (ACON55908). Now that design is complete, SRP has submitted the design invoice and the estimated construction cost and will not proceed with construction relocation until the City pays the design and construction fees.

The specific irrigation improvements to be performed by SRP include:

- Design of a new irrigation structure at the southwest corner of 93<sup>rd</sup> Avenue and Olive Avenue
- Construction of a new structure at the south west corner of 93<sup>rd</sup> Avenue and Olive Avenue
- All design work for the relocation of 32" and 42" SRP irrigation pipe along the south side of Olive Avenue from 91<sup>st</sup> Avenue and Olive Avenue to approximately 94<sup>th</sup> Avenue. Pipe under the Portland Cement Concrete Pavement within the ADOT jurisdiction is not required to be relocated.

SRP Irrigation's policy is to self-perform the work to install new irrigation structures. SRP will not commence with any construction or inspection effort until the City approves, signs and returns the executed agreement, and the necessary permits are issued to SRP.

The Engineering Department and the City Attorney's Office have reviewed the agreement and the construction plans and agree to the terms of the agreement. The costs of unanticipated conflicts or changes are not accounted for in this contract price and may result in increased cost through change orders.

The anticipated schedule for this work is during the annual dry-up period, January 2010 to February 2010.

According to the Agreement, the estimated cost for the SRP irrigation design and relocation/ construction is:

SRP irrigation relocation/construction	\$ 99,066
SRP irrigation design	<u>\$ 43,700</u>
Total:	\$142,766

Council Communication  
Olive Traffic Interchange Widening  
SRP Irrigation Design and Construction Services Agreement  
December 1, 2009  
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**FISCAL NOTE:**

Payment will be from the Olive TI Widening Improvement Project County Transportation Tax Fund Street System Account 4550-4550-543001-CIPST-EN00219CO.

**ATTACHMENTS:**

1. Location Map
2. SRP Design and Construction Services Contract

# Attachment 1: Location Map



Olive TI Road Widening Project Limits

- Location of SRP Irrigation Pipe Relocation
- Location of SRP Irrigation Structure Relocation



P.O. Box 52025  
Mail Station: SSW303  
Phoenix, Arizona 85072-2025  
(602) 236-5900  
www.srpnet.com

File: RD-82863  
Coord: 2.7E-13N

November 2, 2009

City of Peoria  
Attn: Mr. Ben Wilson  
8401 W. Monroe St.  
Peoria, AZ 85345

NOV 05 2009

RE: Olive Avenue and 93rd Avenue

Dear Mr. Wilson:

In order to proceed with construction of your project, we have prepared for your review and acceptance a proposal for engineering services and construction. Enclosed are one copy of the final SRP irrigation plans and specifications for your project. We propose to construct the irrigation facilities shown on our plans and as detailed on the Construction Bid Summary, also enclosed.

The estimated cost for SRP construction and construction engineering services is \$505,490. Please provide a letter with your authorization to bill for this estimated amount. We will invoice you for this amount upon completion of our work. If you prefer to have your contractor complete the irrigation facility construction, please provide your authorization to bill for installation of the delivery structure(s) only and construction engineering services, in the amount of \$99,066, in which case we will invoice you upon completion of our construction. Mail your authorization to: Steven Tanis, Water Engineering Supervisor, Special/Major Projects, at the above address.

Please note, the cost proposal is only valid until December 31, 2009. If your authorization to bill is not received by this date, our costs will be updated accordingly. If you select a contractor to complete the irrigation facility construction, please provide the authorization to bill a minimum of six weeks before the delivery structure installation is required. The construction license and Notice to Proceed for construction should be available approximately two weeks after we receive your authorization to bill and all land issues and utility conflicts are resolved.

In the preparation of these plans, considerable efforts have been made to identify and avoid conflicts with other major underground utilities. The costs of unanticipated conflicts, which require changes during construction, are not part of the cost estimate. We will request a change order to cover our increased costs should conflicts occur. If a change in quantity is required for an item, the change in net bid for the item will be at the net unit price.



Mr. Ben Wilson  
November 2, 2009  
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Prior to requesting bids for a contractor to construct the irrigation modifications, please contact the Watermaster, Hector Fuentes at (602) 236-4958 to coordinate your construction schedule with available dry-ups of the SRP irrigation system. Dry-ups may be impractical during certain times of the year. A construction clearance to proceed with the work may not be granted until all known utility conflicts have been relocated.

We appreciate the opportunity to provide engineering and construction services for your project. If you have any questions concerning engineering, contact the Project Leader, Hector Buenrostro, at (602) 236-4943 or email at [Hector.Buenrostro@srpnet.com](mailto:Hector.Buenrostro@srpnet.com). Questions concerning scheduling or the construction proposal can be answered by Mike Smith at (602) 236-5162. Please reference our file number RD-82863 on any correspondence regarding this project.

Sincerely



Robert E. Larchick, P.E.  
Manager, Water Engineering

HJB: cmr  
Enclosures

c: Mike Smith

# EXHIBIT A

## Construction Bid Summary

File No: RD-82863

RD-82863  
OLIVE and 93rd AVENUE - CITY OF PEORIA

### SECTION I - Items by SRP

Item	Item Description	Unit	Quantity	\$/Unit	Bid	Net Bid
1.	PLTO Delivery Structure (Sta. 51+87.8)	LS	1	86,525	86,525	86,525
2.	Inspection	LS	1	3,395	3,395	3,395
3.	Survey	LS	1	4,168	4,168	4,168
4.	Construction Engineering	LS	1	1,273	1,273	1,273
5.	Admin Support	LS	1	166	166	166
6.	As Built Drawings	LS	1	2,104	2,104	2,104
7.	Project Supervision	LS	1	464	464	464
8.	Cost & Schedule Support	LS	1	971	971	971
SECTION I TOTALS					\$99,066	\$99,066

### SECTION II - Bid Items

Item	Item Description	Unit	Quantity	\$/Unit	Bid	Net Bid
1.	24" RGR Conc Pipeline CL3	LF	46	221	10,168	10,168
2.	36" RGR Conc Pipeline CL3	LF	576	152	87,482	87,482
3.	42" RGR Conc Pipeline CL5	LF	316	241	76,071	76,071
4.	Manholes	EA	2	8,516	17,032	17,032
5.	Modify Manhole Vents	EA	1	3,595	3,595	3,595
6.	Trucking & Trench Safety	EA	1	31,673	31,673	31,673
7.	Traffic Control, Patrolman, & Barricades	LS	1	25,387	25,387	25,387
8.	Construction Supervision	LS	1	7,551	7,551	7,551
9.	Misc Construction Items (see note #4)	LS	1	22,230	22,230	22,230
10.	Removal Items (see note #5)	LS	1	33,064	33,064	33,064
SECTION II TOTALS					\$314,253	\$314,253

### SECTION III - Alternate Bid Items

Item	Item Description	Unit	Quantity	\$/Unit	Bid	Net Bid
1.	Alternate Removal Items (see note #6)	LS	1	92,171	92,171	92,171
SECTION II TOTALS					\$92,171	\$92,171

Summary:	SECTION I - Items by SRP	\$99,066
	SECTION II - Bid Items	\$314,253
	SECTION III - Alternate Bid Items	\$92,171
	<u>NET BID =</u>	<u>\$505,490</u>

### NOTES:

1. All fence, landscape, and landscape irrigation removals and replacements by City of Peoria.
2. All pavement and sidewalk repairs by SRP to be replaced with temporary asphalt pavement.
3. This Estimate was prepared with input from Water Construction.
4. Miscellaneous Construction Items include Dust Control, Mobilize, Cleanup, Security, and Bluestake.
5. This bid item addresses only the removals of those items directly in the path of SRP Construction.
6. This bid item addresses the removal of existing SRP pipeline not directly in the path of SRP Construction.
7. Items listed within Bid Summary constitute a total bid which is valid until December 31, 2009.