

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS**

CC: 10C
Amend No. _____

Date Prepared: August 5, 2008

Council Meeting Date: August 26, 2008

TO: Carl Swenson, City Manager

FROM: Dan Nissen, P.E., Acting Engineering Director

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

SUBJECT: Authorize the City to enter into an Agreement with Salt River Project (SRP), in the amount of \$796,434 for the Design and Construction of irrigation water facilities for the 91st Avenue and Olive Avenue Intersection Improvement Project. (Engineering Project No. P-0315, Budget Number PW00245, Job RD-62745)

RECOMMENDATION:

Discussion and possible action to authorize the City Manager to execute an Agreement with Salt River Project (SRP), in the amount of \$50,390 for Design Services and \$764,044 for Construction Services for a grand total of \$796,434 in accordance with the Design and Construction Services Proposal dated July 10, and June 30, 2008, for the 91st Avenue and Olive Avenue Intersection Improvement Project (UT09-001), for improvements related to Engineering Project No. P-0315, Budget Number PW00245, SRP Job RD-62745.

Payment will be from the 91st Avenue and Olive Avenue Intersection Improvement Project GO Bond Streets System Account 4220-4220-543001-CIPST-PW00245CO.

SUMMARY:

Due to the increased traffic and development in the vicinity of 91st Avenue and Olive Avenue, the City of Peoria (City) applied for, and received, Federal funds (Congestion Management and Air Quality Funding) through Maricopa Association of Governments (MAG) for the widening of the 91st Avenue and Olive Avenue intersection. The Federal funds received are for a share of the preparation of the Design Concept Report (DCR), design and construction of the intersection improvements, which include two through lanes for 91st Avenue, three through lanes for Olive Avenue, dual left-turn lanes for all directions, separate right-turn lanes for eastbound Olive Avenue and northbound 91st

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. # _____
LCON# 16908 LIC. # _____
Action Date: _____

Council Communication

91st Avenue and Olive Avenue Intersection Improvement, P-0315

SRP Irrigation Design and Construction Services Contract

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Avenue, installation of medians, catch basins and laterals, relocation of utilities, sidewalk modifications, traffic signal modifications, street lighting modifications, traffic signing and pavement marking modifications. Additional right-of-way will be acquired along with Sidewalk Easements and Temporary Construction Easements.

On July 5, 2005, Kimley-Horn and Associates was hired to provide design services for the project. The design is funded by the City, and complies with the Arizona Department of Transportation (ADOT) standards, since they will administer the Federal funds to be used for construction. The Design Concept Report (DCR) has been completed and approved by ADOT. The project design is currently at the 95% stage. ADOT will review the entire design package and is responsible to advertise the project for bid, open bids, award the contract and provide inspection services. Currently, the construction phase is programmed to begin in the spring 2009, following spring dry-up for SRP irrigation relocation.

The intersection widening has a significant impact on the surrounding area and requires relocation of existing utility company facilities such as Cox, Qwest, Southwest Gas, SRP irrigation and electrical facilities, Arizona Public Service (APS) electrical facilities, modification of the existing traffic signal, storm drain and water facilities, coordination with the proposed Peoria Unified School District (PUSD) conduit project, and removal and restoration of landscape materials and irrigation system located within the right-of-way.

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 have to be relocated. SRP must design certain irrigation water improvements, which includes the relocation of underground pipes and water structures. SRP has completed their design and has submitted the Engineering Services and Construction Contract to the City for consideration.

The specific irrigation improvements include:

- 1) Relocation of structure at the south west corner of the intersection
- 2) Construct new 48-inch pipe along the south side of Olive Avenue from the structure to the east approximately 800'
- 3) Construction of new 36-inch pipe along the west side of 91st Avenue from the structure to the south approximately 150'
- 4) Construct new 36-inch pipe along the east side of 91st Avenue from the north east corner to the north approximately 522'
- 5) Abandon existing irrigation facilities (SRP Abandonment Agreement accepted and approved by Council March 4, 2008).

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According to SRP, they will not commence with any construction, or inspection effort until the City approves, signs and returns the executed agreement to SRP, 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 2009 to February 2009.

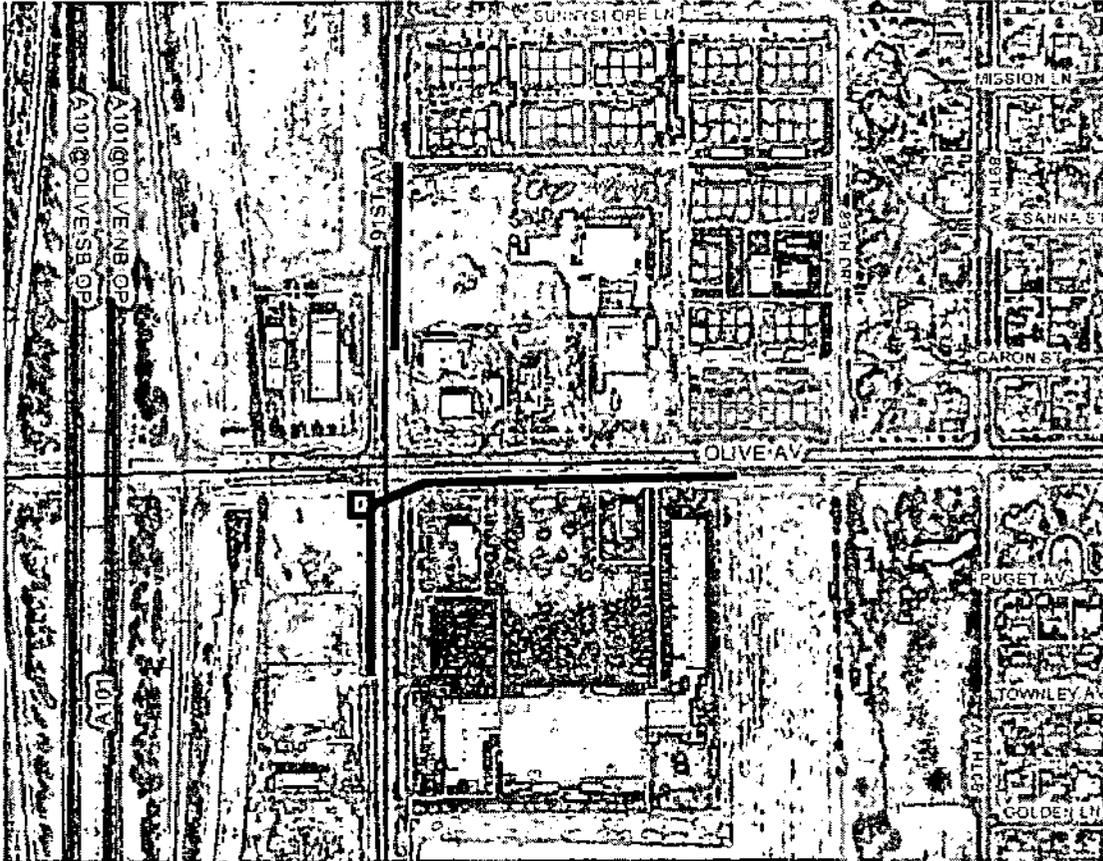
The current estimated cost-break down for SRP irrigation design and relocation is as follows:

SRP irrigation relocation:	\$746,044.00
SRP irrigation design:	<u>\$ 50,390.00</u>
Total estimated amount to pay SRP at completion of work:	\$796,434.00

ATTACHMENT:

1. Vicinity Map

VICINITY MAP
ATTACHMENT 1



— Limits of New and Relocated SRP Underground
Pipe and Structure



P.O. Box 52025
Mail Station: WVS228
Phoenix, Arizona 85072-2025
(602) 236-5900
www.srpnet.com

File: RD-62745
Coord: 3E-13N

June 30, 2008

JUL - 3 2008

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

RE: 91st Avenue and Olive Avenue Improvements
91st Avenue and Olive 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 a cost estimate and one copy of the final SRP irrigation plans and specifications for your project. We propose to construct the irrigation facilities shown on our plans, as detailed on the enclosed Construction Bid Summary.

The estimated cost for SRP construction and construction engineering services is \$746,044. 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 only and construction engineering services, in the amount of \$117,768, in which case we will invoice you upon completion of our construction. Mail your authorization to: Kyle Tilghman, Water Engineering Supervisor, Northside, at the above address.

Please note, the cost proposal is only valid until August 31, 2008. 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.

L CON 16908



P.O. Box 52025
Mail Station: WVS228
Phoenix, Arizona 85072-2025
(602) 236-5900
www.srpnet.com

File: RD-62745
Coord: 3E-13N

July 10, 2008

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

RE: 91st Avenue and Olive Avenue Improvements
91st Avenue and Olive Avenue

Dear Mr. Wilson:

SRP incurred additional engineering costs due to additional design required from the NEC of 91st Avenue and Olive north 430', as well as the driveway located 1000' east of 91st Avenue (south side of roadway). Please provide your revised authorization to bill for \$50,390 to cover this additional work. The authorization should be sent to Hector Buenrostro at the above address, and must be received before the project can be released for construction.

We appreciate the opportunity to provide engineering services for your project. If you have any questions, contact the Project Leader, Hector Buenrostro, at (602) 236-4943 or email at Hector.Buenrostro@srpnet.com. Please reference our file number RD-62745, on any correspondence regarding this project.

Sincerely,

Kyle Tilghman, P.E.
Supervisor, Water Engineering

HJB:jkw

c: Mr. Raj Christian, Kimley-horn and Assoc., Inc.

JUL 14 2008

EXHIBIT A Construction Bid Summary

File No: RD-62745

RD-62745
91st AVENUE AND OLIVE AVE IMPROVEMENTS - CITY OF PEORIA

SECTION I - Items by SRP

Item	Item Description	Unit	Quantity	\$/Unit	Bid	Net Bid
1.	PLTO Delivery Structure (Sta. 64+60.8)	LS	1	97,921	97,921	97,921
2.	Inspection	LS	1	4,883	4,883	4,883
3.	Survey	LS	1	9,406	9,406	9,406
4.	Construction Engineering	LS	1	852	852	852
5.	Admin Support	LS	1	168	168	168
6.	As Built Drawings	LS	1	3,329	3,329	3,329
7.	Project Supervision	LS	1	232	232	232
8.	Cost & Schedule Support	LS	1	977	977	977
SECTION I TOTALS					\$117,768	\$117,768

SECTION II - Bid Items

Item	Item Description	Unit	Quantity	\$/Unit	Bid	Net Bid
1.	30" RGR Conc Pipeline CL3	LF	162	208	33,678	33,678
2.	36" RGR Conc Pipeline CL3	LF	192	215	41,270	41,270
3.	36" RGR Conc Pipeline CL5	LF	434	223	96,838	96,838
4.	48" RGR Conc Pipeline CL3	LF	808	214	172,858	172,858
5.	Manholes	EA	3	10,446	31,337	31,337
6.	Relocate Firehydrant	EA	1	3,577	3,577	3,577
7.	Traffic Control, Patrolman, & Barricades	LS	1	59,295	59,295	59,295
8.	Construction Supervision	LS	1	8,567	8,567	8,567
9.	Misc Construction Items (see note #4)	LS	1	110,277	110,277	110,277
10.	Removal Items	LS	1	70,580	70,580	70,580
SECTION II TOTALS					\$628,276	\$628,276

Summary:

SECTION I - Items by SRP
SECTION II - Bid Items

\$117,768
\$628,276

NET BID = \$746,044

NOTES:

1. The City of Peoria is responsible for all existing abandoned pipeline facilities.
2. SRP will plug the ends of the abandoned pipe but backfilling these abandoned pipeline facilities is excluded.
3. This bid Excludes the installation of any type of marker/monitoring system associated with the abandoned pipeline.
4. This bid addresses only the removals of those items directly in the path of SRP Construction.
5. This bid is based on normal construction hours of 7am - 4pm.
6. This Bid was prepared with input from Northside Water Construction.
7. Miscellaneous Construction Items include Dust Control, Mobilize, Cleanup, Security, and Bluestake.
8. Items listed within Bid Summary constitute a total bid which is valid until August 31, 2008.

UT09-001
Salt River Project Agreement
RD-62745
91st & Olive Intersection Improvements

CITY OF PEORIA, ARIZONA
A municipal corporation

BY: Carl Swenson
City Manager

ATTESTED BY:

Mary Jo Kief
City Clerk

APPROVED AS TO FORM:

Stephen M. Kemp
City Attorney