CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS

CC: 4C
Amend No. _____

Date prepared: August 27, 2007 **Council Meeting Date: September 18, 2007**

TO: Terrence L. Ellis, City Manager

FROM: David A. Moody, P.E., Engineering Director

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

PREPARED BY: Geoffrey Zinnecker, P.E., Civil Engineer

SUBJECT: Lake Pleasant Parkway Sound Wall Design
(Engineering Project No. P-9609G, Solicitation No. P07-0105)

RECOMMENDATION:
That Mayor and Council award a design contract to DMJM Harris in the amount of $50,491.00 for the design of two sound walls along the Lake Pleasant Parkway, Parkridge and Ironwood subdivisions.

Payment will be from the Lake Pleasant Parkway Phase II GO Bond Fund Street System Account No. 4200-4200-543001-CIPST-PW00040DS.

SUMMARY:
A noise study was performed in 2001 which showed that the projected increase in noise associated with the construction of the Lake Pleasant Parkway would exceed 65 dBA in several housing areas. According to the Department of Housing and Urban Development (HUD) Noise Impact Standard, a noise level of greater than 65 dBA is normally unacceptable and qualifies for mitigation efforts. There are two developments that have been identified as requiring some work to be performed on their rear walls to lower the sound levels in the associated neighborhoods.

The first wall is north of Parkridge from 95th Avenue, west to the well site (see Exhibit A). This area includes 33 homes and requires that the existing six-foot tall, four-inch thick masonry wall be removed and replaced with a new wall that is twelve inches thick and ranges from ten feet to sixteen feet in height. The top of the wall varies as the parkway itself varies in elevation.

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# 07407 LIC. #_____
Action Date:

REV. 07/05

The second area is the Ironwood development which is along the west side of the Lake Pleasant Parkway from Williams Road north toward the Pinnacle Peak Public Safety Administration Building (see Exhibit B). This area includes ten homes. According to City requirements, perimeter walls are to be constructed to a minimum height of eight feet, measured from the top of curb of the adjacent roadway. When the Ironwood development was constructed, the design for Lake Pleasant Parkway had not commenced. The Ironwood perimeter wall was constructed to a height of eight feet measured from ground level. However, the final elevation of the Lake Pleasant Parkway was slightly higher than originally anticipated and as a result the wall is less than eight feet measured from the top of curb. To make the wall eight feet above the finished curb, the City is recommending that the wall be raised by adding two courses of block.

The design for the Lake Pleasant Parkway plans were finished by the City in 2003 and included the future three westbound lanes, bike lane, and striping of one lane in each direction. The design is more than three years old and many elements of the project are now obsolete, such as drainage, the addition of a city well site, and changes to the Lake Pleasant Parkway plans by Camino A Lago South to accomodate two lanes in each direction and a wide median, instead of the three lanes per the original design. The Camino A Lago portion of the parkway is now under construction and the elevations of the ground have been changed.

In 2004, the City hired a consultant, Entranco, to design the sound wall along the north boundary of the Parkridge subdivision. Entranco, has since been bought out by DMJM Harris, and fortunately, the project manager will continue to work for DMJM Harris. Staff coordinated with Materials Management and is recommending that DMJM Harris be selected to refresh the Parkridge Sound Wall plans, and provide design services for the Ironwood Sound Wall. DMJM Harris submitted a proposal which was reviewed by staff and is recommended for approval.

Construction of the Parkridge wall requires the City to acquire Temporary Construction Easements (TCE) from the residents in the Parkridge Units Three and Five developments. All but one of the residents has signed the TCE document. The Engineering Department has developed an engineering solution which enables the wall to bypass the one remaining property. The wall will be continuous and will meet its original purpose of reducing noise in the development.

The Ironwood wall will not require the contractor to enter the properties and will therefore, not require TCE's. The work will be performed from the right of way and will include placing two courses of block on the fence and possibly columns outside the wall which will act as supports. During the design phase the consultant will determine if the wall will require the additional support.

The original DMJM (formerly Entranco) design contract was awarded utilizing the design-bid-build process of building the wall. The new design contract includes a task for utilizing the Construction Manager at Risk delivery method. The refreshed Parkridge wall and Ironwood wall drawings will include the consultant's support to incorporate the contractor's comments and cost saving measures into the drawings.

A summary of the consultants tasks are provided below:

1. Project Meetings
2. Site Visit
3. Project Administration
4. Project Scoping
5. Data Collection
6. Utility Coordination
7. CMAR Coordination & GMP assistance
8. Public Involvement
9. Design
10. Preparation of construction plans
11. Cost Estimate & Special Provisions
12. Quality Assurance/Quality Control

ATTACHMENTS:

Exhibit A – Parkridge Wall
Exhibit B – Ironwood Wall

City of Peoria GIS Map

City of Peoria GIS Map

City of Peoria, Arizona
Notice of Request for Proposal
for Professional Services

Request for Proposal No:	**P07-0094**	Proposal Due Date:	**August 24th, 2007**
Services:	**Lake Pleasant Parkway, Parkridge Sound Wall and Ironwood Wall Heightening Design Services**	Proposal Time:	5:00 P.M. Arizona Time
		Purchasing Agent:	**Athena Bonner**
Project No:	Location: City of Peoria, Materials Management	Phone:	(623) 773-7115
	Mailing Address: 8314 West Cinnabar Street, Peoria, AZ 85345		

In accordance with City of Peoria Procurement Code, competitive sealed proposals for the services specified will be received by the City of Peoria Materials Management at the specified location until the date and time cited above. Proposals shall be in the actual possession of the City of Peoria Materials Management on or prior to the exact date and time indicated above. Late proposals will not be considered, except as provided in the City of Peoria Procurement Code. ***Proposals shall be submitted in a sealed envelope with the Request for Proposal number and the offeror's name and address clearly indicated on the front of the envelope.*** All proposals shall be completed in ink or typewritten. Offerors are strongly encouraged to carefully read the ***entire*** Request for Proposal Package.

OFFER

To the City of Peoria: The undersigned, on behalf of the entity, firm, company, partnership, or other legal entity listed below, offers on its behalf to the City a proposal that contains all terms, conditions, specifications and amendments in the Notice of Request for Proposal issued by the City. Any exception to the terms contained in the Notice of Request for Proposal must be specifically indicated in writing and are subject to the approval of the City prior to acceptance. The signature below certifies your understanding and compliance with Paragraph 1 of the City of Peoria Standard Terms and Conditions (form COP 202) contained in the Request for Proposal package issued by the City.

For clarification of this offer contact:

Name: CRAIG BORGER Telephone: 602-337-2659 Fax: 602-337-2620

DMJM HARRIS — Company Name

[redacted] — Authorized Signature for Offer

2777 E. CAMELBACK RD. STE 200 — Address

STEVE BOSCHEN — Printed Name

PHOENIX AZ 85016 — City State Zip Code

VICE PRESIDENT — Title

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

Your offer is accepted by the City, subject to approval of each written exception that your proposal contained. The contract consists of the following documents: 1.) Request for Proposal issued by the City; 2.) Your offer in Response to the City's Request for Proposal; and 3.) This written acceptance and contract award.

As the awarded professional service provider, you are now legally bound to provide the services listed by the attached award notice, based on the solicitation of proposals, including all terms, conditions, specifications, amendments and your offer as now accepted by the City. The professional service provider shall not commence any billable work or provide any services under this contract until the professional service provider receives an executed Purchase Order or a Notice to Proceed.

Attested by:

Mary Jo Kief, City Clerk

cc: HC 091707

City Seal

Contract Number: L CON 07407

Official File: _____

City of Peoria, Arizona. Effective Date: _____

Approved as to form:

Stephen M. Kemp, City Attorney

Contract Awarded Date _____

Terrence L. Ellis, City Manager