

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS**

CC: 9C
Amend No. _____

Date prepared: November 6, 2008

Council Meeting Date: December 16, 2008

TO: Carl Swenson, City Manager

THROUGH: Susan Daluddung, Deputy City Manager

FROM: Andrew Granger, P. E., City Engineer

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

PREPARED BY: Karl Zook, Civil Engineer

SUBJECT: Award the Bell Park Sound Wall Noise Study, Design and Post Design Services Contract to Point Engineering in the amount of \$154,580 (Solicitation No. P09-0010, Project No. P-0711)

RECOMMENDATION:

Discussion and possible action to award the Bell Park Sound Wall Noise Study Design and Post Design Services Contract to Point Engineering in the not to exceed amount of \$154,580.

SUMMARY:

In late 2005, the City of Peoria widened the intersection of 83rd Avenue and Union Hills Drive. Upon completion of the intersection widening, the City hired HDR to conduct a Noise Technical Report to determine whether noise mitigation is required as a result of the construction. The 2005 HDR report did not recommend any noise mitigation.

The residents within the Bell Park subdivision, located south of Union Hills Drive between 83rd Avenue and 84th Avenue, have continued to express concerns that the noise level has substantially increased since completion of the intersection widening. The City has agreed to conduct a new noise study and provide noise mitigation improvements that are recommended.

The Bell Park Sound Wall project is included in the FY09 Capital Improvement Program for the purpose of providing a noise study, design, construction, and post design services required to construct any recommended noise mitigation improvements and

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# 20708 LIC. # _____
Action Date: _____

associated landscape improvements along the south side of Union Hills Drive between 84th Avenue and 83rd Avenue.

The City proposes to include a noise study between 87th Avenue and 99th Avenue along the south side of Lake Pleasant Parkway since it was also recently completed early this year.

Specifically, the project will include conducting a noise study at three locations along the south side of Lake Pleasant Parkway and to make recommendations to accommodate future wall openings for connecting multi-use paths. The three locations include; 1) the 89th Avenue alignment drainageway, 2) the 93rd Avenue alignment drainageway and 3) the 98th Avenue alignment drainageway. (See Attachment B).

According to the 2001 Noise Analysis Results prepared by Entranco, the greenbelt drainageway wall openings at these three locations were recommended to be closed. The wall openings at the 89th Avenue drainageway and the 93rd Avenue drainageway were closed in 2005. The wall project to close the 98th Avenue alignment drainageway opening was completed in 2008. Unfortunately, the 2001 Noise Analysis failed to address the impacts on the noise mitigation if the multi-use paths in the drainage greenbelts south of Lake Pleasant Parkway are continued and connected with the proposed multi-use path along Lake Pleasant Parkway. Connecting the multi-use paths will require an opening in the existing sound walls at the 89th Avenue, 93rd Avenue and 98th Avenue drainageways. The local residents have expressed two separate concerns; 1) that the multi-use paths are not connected and, 2) the purpose of the sound wall will be compromised if openings for the multi-use paths are provided and noise will be allowed to pass through the greenbelt/drainageways. Point Engineering will provide recommendations to address both of these issues

A summary of tasks to be performed by the consultant is provided below:

- I. Conduct a noise study along the south side of Union Hills Drive between 83rd Avenue and 84th Avenue and provide any subsequent noise mitigation measures where appropriate. This includes design and post design services.
- II. Conduct a noise study at three specific locations along the south side of Lake Pleasant Parkway and make recommendations to accommodate future wall openings for connecting multi-use paths.

FISCAL NOTE:

Payment will be from the General Fund Capital Improvement Street System Account No. 1000-0310-543001-CIPST-EN00246DS in the amount of \$154,580.

ATTACHMENTS:

1. Attachment A – Union Hills Study Area
2. Attachment B – Lake Pleasant Parkway Study Areas



City of Peoria, Arizona

Professional Services for Design



Statement of Qualifications No: P09-0010

Job Description: Bell Park South Noise Study

Location: City of Peoria, Materials Management
 Mailing Address: 8314 W. Cinnabar St., Peoria, AZ 85345

Contact: Peggy Ferrin
 Phone: (623) 773-7115

OFFER

Arizona Transaction (Sales) Privilege
 Tax License Number: NA

Federal Employer Identification
 Number: [REDACTED]

POINT Engineers

Company Name

7600 N. 16th Street, Suite 202

Address

Phoenix Arizona 85020
 City State Zip Code

(602) 790-7066

POINT Engineers

Federal Employer Identification
 Number: [REDACTED]

Authorized Signature for Offer

CRAIG R. BORGER

Printed Name

VICE-PRESIDENT

Title

602-314-7535

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 materials and/or services listed by the attached award notice based upon the solicitation, including all terms conditions, specifications, amendments, etc., 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 *Purchase Order*.

Attested by: _____

Mary Jo Kief, City Clerk

City of Peoria, Arizona. Eff. Date: _____

Approved as to form: _____

Stephen M. Kemp, City Attorney

9C 12/6/08

LCON20408

Contract Number

Awarded on _____

City Seal

Official File

Carl Swenson, City Manager



83RD AVE

Noise Study Area

UNION HILLS RD

84TH AVE

LOOP 101



Attachment A
 City of Peoria
Union Hills - 83rd Avenue to 84th Avenue
Noise Study



NOTE:
 This map is based on reports of
 ground data subject to change and
 NOT GENERAL, REFORM & ONLY



98TH AVE

Noise Study Area

95TH AVE

Noise Study Area

LAKE PLEASANT-PKWAY

91ST AVE

Noise Study Area

89TH DR



Attachment B

City of Peoria

Lake Pleasant Parkway - 89th, 93rd, 98th Avenue Noise Study



NOTE:
This map is based on current
source data, subject to change, and
FOR GENERAL INFORMATION ONLY.