CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATION

CC: 23R
Amend No. _____

Date Prepared: December 20, 2007 **Council Meeting Date: February 5, 2008**

TO: Terry Ellis, City Manager

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

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

PREPARED BY: Chris Kmetty, P. E., Senior Civil Engineer

SUBJECT: Award Contract to Carter Burgess, Inc. for providing design services for SR 101L/Union Hills Traffic Interchange Widening. (Engineering Project No. P-0710, Solicitation No. P08-0063.

RECOMMENDATION:

That Mayor and Council award contract to Carter Burgess, Inc. for design services associated with the construction of Union Hills Traffic Interchange Widening at State Route 101L for an amount not-to-exceed $496,974.00.

In addition, that Mayor and Council approve a budget transfer in the amount of $496,974.00 from General Fund Contingency Account 1000-0300-570000 to the Capital Projects Fund Street Systems Account 4300-4300-543001-CIPST-EN00274DS. The City will use the General Fund to expedite the design, pending approval of the City's HELP Loan application by the State Transportation Board. Once the application is approved, an intergovernmental agreement (IGA) is executed, and loan proceeds are disbursed, these funds will be used to reimburse the General Fund.

SUMMARY:

The City of Peoria (City) currently has budgeted and programmed the Beardsley Connection project for construction in two phases; Phase One to be constructed in FY2008, includes Beardsley Road from 83rd Avenue to the Loop 101 Frontage Road and Phase Two to be constructed in FY09, includes the Loop 101 Frontage Road, from 75th Avenue to Union Hills Drive, and the U-turn bridge structure at Union Hills Drive. This project is funded entirely by the City, and is currently estimated at $36.7M.

The Regional Transportation Plan has programmed a second project in the area known as the Union Hills Traffic Interchange Widening. Arizona Department of Transportation (ADOT) wants

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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. #**_____
LCON# 01208 **LIC. #**_____
Action Date:

REV. 07/05

to accelerate the Union Hills Traffic Interchange (TI) project from fiscal year 2010 (design), and fiscal year 2011 (construction) to fiscal year 2009. This project will provide the following improvements:

- Widen the Union Hills bridge over Loop 101 to accommodate three through lanes in each direction (the third eastbound through lane will become a right turn trap lane at 79th Avenue)
- Improve access to Loop 101 by providing eastbound (EB) to northbound (NB) and westbound (WB) to southbound (SB) dual left turn lanes (total 10 lanes)
- Construct a sidewalk on each side of the bridge
- Construct a four-foot median island to separate the dual left turn lanes
- Construct an EB to SB right turn lane from Union Hills Drive to the Loop 101 on-ramp
- Widen the SB on-ramp and NB off-ramp at the interchange to increase the capacity of the ramps

The proximity of the Beardsley Road Connection U-turn bridge structure to the existing Union Hills TI, has caused ADOT and City staff to be concerned about the impacts on development and the traveling public if the City constructs the U-turn bridge project in 2009, and ADOT constructs the Union Hills TI Widening project in 2012. The traveling public on Union Hills Drive between 83rd Avenue and 79th Avenue and Loop 101 could possibly be impacted by construction activities for a period of up to three years. ADOT and City staff are recommending that the Beardsley Road Connector U-turn structure and the Union Hills TI project be constructed simultaneously.

ADOT concurred with the recommendation but is unable to accelerate their funding for the Union Hills TI project to FY09. Instead, ADOT recommended that the City apply for a HELP loan in order to construct the TI in FY09.

The preliminary indication from ADOT is that they have the funding to loan the City $500,000 for design and $9.91M for construction. The interest the City would pay is partially reimbursable by Maricopa Association of Governments (MAG) at 50%, and is approximately $600K (net) over the life of the loan. This money is currently being budgeted in the Capital Improvement Program, beginning in fiscal year 2009. Since the acceleration of the project benefits the City of Glendale, staff contacted the City of Glendale and asked if they would cost share in the interest payment. No formal response has been received from the City of Glendale to date.

Building both projects simultaneously will save design money and reduce the cost of the construction barricading on Loop 101, as ADOT has agreed to split the barricade cost 50/50 with the City from their project budget.

On November 20, 2007 Mayor and Council authorized the City Manager to apply for a Highway Expansion and Extension Loan Program (HELP), to accelerate the construction of the Union Hills Traffic Interchange (TI) project to be concurrent with the Peoria (City) Beardsley Connection project (Exhibit A). On November 21, 2007 the Peoria City Engineer applied for the HELP Loan and on November 29th staff received verbal confirmation that the HELP Advisory Committee is recommending approval of the City's application to the State Transportation Board. Upon approval by the State Transportation Board, staff will submit an IGA for Council action, which will set forth in more detail the specific financial responsibilities of both parties.

Carter Burgess, Inc. developed the Design Concept Report (DCR) for the Beardsley Road Connection project and is currently working on all final design elements. Additionally, Carter Burgess was hired by ADOT to develop the project scoping document and 30% design plans for the Union Hills TI Widening.

Because Carter Burgess, Inc. is designing the Beardsley Road Connector project and has developed the project scoping documents and 30% plans for the Union Hills TI, staff is recommending that Council approve the design contract with Carter Burgess, Inc. to complete the design plans for the improvements for the Union Hills TI Widening.

This project provides for the design, right-of-way (ROW) acquisition, construction, and construction management for the widening of the SR 101L at the Union Hills Drive TI to improve capacity and safety.

CONSULTANT REQUIREMENTS:
The Consultant shall perform all necessary duties and functions required by the City of Peoria and ADOT:

Design
Survey and Mapping
Geotech Investigation
Pavement Design
Environmental Studies
Hazardous Materials Survey
Utilities and Railroad
Plans and Documents
Bridge Design
Drainage Design
Landscape Architectural and Erosion Control
Traffic Engineering Design
Roadway Lighting and Signalization Design
Signing Plans
Pavement Marking Plans
ROW Requirements Determination
Cost Estimates
Special Provisions
Contracts and Specification Process
Contract Administration Process

Post Design Services are not included as a part of this project. The consultant shall provide Post Design Services by a contract amendment through ADOT.

The contract duration is 180 calendar days from the issuance of the Notice To Proceed.

ATTACHMENTS:
Exhibit A

New River Bridge
Beardsley Rd
Beardsley Rd
Channel Lining
Trailhead Area
Orbit Dr
New U-Turn Ramp
Union Hills Dr
LEGEND
- Phase I: Beardsley Connector
- Phase II: Beardsley Connector
- Union Hills Traffic Interchange Widening
- 83RD Ave Median Widening
- Trailhead
N
NTS
101

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

Request for Proposal No:	**P08-0063**	Proposal Due Date:	**January 7, 2008**
Services:	**Union Hills Drive Traffic Interchange Improvements Design Services**	Proposal Time:	5:00 P.M. MST
		Purchasing Agent:	**Athena Bonner**
Project No:	Location: City of Peoria, Materials Management Mailing Address: 8314 West Cinnabar Street, Peoria, AZ 85345	Phone:	(623) 773-7115

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: Kevin P. Nelson, P.E.

Telephone: 602-253-1200 Fax: 602-253-1202

Carter & Burgess, Inc.
Company Name

[redacted]
Authorized Signature for Offer

101 North First Avenue #3100
Address

Kevin P. Nelson
Printed Name

Phoenix AZ 85003
City State Zip Code

Senior 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: TC 020508

City Seal

Contract Number: L [redacted] 01208

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