

**CITY CLERK  
ORIGINAL**

**C-7062-2  
11/26/2013**

**Amendment No. 2 to the  
Agreement for Professional Services**

**New River and Grand Canal Multi-Use Path Project; Maryland Avenue Spot  
Improvements**

[City Project Nos. 067006; 067005; 091003]

This Amendment No. 2 to the Agreement for Professional Services for Contract C-7062 ("Amendment No. 2") is made this 26 day of November, 2013, by and between the City of Glendale, an Arizona municipal corporation ("City") and CH2M HILL, a Colorado corporation authorized to do business in Arizona ("Consultant").

**RECITALS**

- A. Consultant is currently under contract with the City on the above-referenced project;
- B. Since the inception of the work, the scope and requirements have changed substantially and cannot be expanded or corrected through change orders or change directives;
- C. The changes in the Scope of Work will benefit the City; and
- D. Expanding the Scope of Work (attached Amended Exhibit B) under the original Agreement will allow the work to be completed under the appropriate professional standards.

**AGREEMENT**

The original Agreement for Professional Services for Project Nos. "067005; 091003" is amended as follows:

Section 4. Additional compensation for the change in the Scope of Work will not exceed \$176,586 as specifically detailed in the attached Amended Exhibit D (time and materials).

Section 15. The following Amended Exhibits are incorporated by reference as though fully set forth in this Amendment:

Amended Exhibit B  
Amended Exhibit D

Scope of Work  
Compensation

All other terms and conditions not amended by this writing remain unchanged and enforceable as found in the original Agreement C-7062 currently on file in the Office of the City Clerk, City of Glendale.

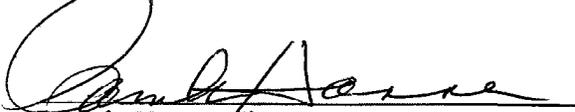
“City”:

CITY OF GLENDALE, an Arizona  
municipal corporation



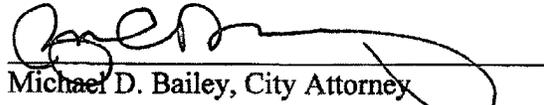
\_\_\_\_\_  
Brenda S. Fischer, City Manager

ATTEST:



\_\_\_\_\_  
Pamela Hanna, City Clerk (SEAL)

APPROVED AS TO FORM:



\_\_\_\_\_  
Michael D. Bailey, City Attorney

“Consultant”

CH2M HILL  
a Colorado corporation authorized to do  
business in Arizona



\_\_\_\_\_  
Leslie Bonneau, Vice President

**PROFESSIONAL SERVICES AGREEMENT – AMENDED EXHIBIT B  
SCOPE OF WORK**

**Glendale Project Number:  
Grand Canal – 067005, Maryland Ave – 091003**

**Grand Canal Multiuse Path Project  
Maryland Avenue Spot Improvements  
Glendale, Arizona**

**Revise projects to ADOT Construction Standards (Amendment #2 to C-7062)**

**General Information**

This scope of work (SOW) is to provide professional engineering services necessary for the additional scope items as detailed below.

The scope of work for the Grand Canal Pathway and Maryland Avenue Spot Improvements projects is to revise the plans, specifications and estimate for ADOT administered construction. The plans will be prepared per ADOT design requirements including ADOT bid items and specifications. Re-evaluation of the Environmental Categorical Exclusion Memorandums and supporting documents.

This SOW is an amendment to the SOW under Contract C-7062. These elements were not included in the original design scope of work and are a direct result of redirection from ADOT. The scope of work and fee estimate presented below is based on preliminary information provided to CH2M HILL.

Implementation of the design is anticipated to involve the following technical disciplines:

<b>Discipline</b>	<b>Primary Responsibility or Project Involvement</b>
Project Management	Extended Primary client interface. Revised schedule and contracting, Stakeholder coordination and design team direction
Civil Engineering	Plan Redesign/Reformat, Traffic Control Design, Erosion Control Design,
Environmental Planning	Amendment to Categorical Exclusions

## CH2M HILL Grand Canal Task Overview

### Task 1 – Project Management

- **General Coordination** – (CH2M Hill) Project Manager oversight of the contract including contracting and design coordination. A total of four hours per month is assumed for ten months. An initial setup of 4 hours is assumed for administrative assistance for contracting and three hours per month for invoicing and scheduling.

**ADOT Coordination and Meetings (10)** – Ten monthly project meetings held at ADOT. Attendees to include Project Manager. Assume Maryland Avenue Spot Improvements project meeting will be held concurrently. Assume two hours per meeting to include preparation of meeting minutes.

- **CH2M HILL Design Team Meetings (4)** – Four design team meetings led by the Project Manager. Attendees to include one design engineer, one traffic engineer and one CADD tech.
- **QC Reviews (3)** – QC/QA review performed by senior engineer at Stage III, IV, and V submittals (3 submittals) with an assumed eight hours per review.

### Task 2 – Shared-Use Path Plan Preparation

- **Plans** – Revise Existing Plans to be in accordance with ADOT administered construction documents. The following sheets will require a completely different format from the existing sheet.
  - Title sheet (1)
  - Signing/Pavement Marking (2)
  - Sign Summary (1)

The following new sheets are anticipated to be added to the plans

- Fence Summary Sheet (1)
- Detail Sheet (1)
- Traffic Control Plans (5)
- Cross Sections (24)
- **Estimates** – Development of estimate for Stage III, IV, V and PS&E submittals (4 submittals) with an assumed effort of twelve hours per submittal.
- **Special Provisions** – Development of special provisions for Stage III, IV, V and PS&E submittals (4 submittals) with an assumed effort of twelve hours per submittal.
- **Submittal Coordination** – Coordination of submittal package with project design team and subconsultant (J2). A total of ten hours per submittal is assumed for four submittals.

## **PS&E**

Prepare the final PS&E package in accordance with ADOT guidelines. Submittals will include Stage III, IV, V and PS&E. A total of 94 drawings is assumed.

**Task 3 – Environmental** – Revisit Biological Report, Cultural Resources Report and Phase I Site Assessment to verify if the original findings are still valid. Prepare and submit a revised Categorical Exclusion Memorandum.

**Task 4 – Landscape and Irrigation Redesign** - J2 Engineering and Environmental will provide Landscape and Irrigation design as a subconsultant to CH2M HILL. The effort for this task is defined in J2's attached Project Understanding:

## **CH2M HILL Maryland Avenue Spot Improvements Task Overview**

### **Task 1 – Project Management**

- **General Coordination** –Project Manager oversight of the contract including contracting and design coordination. A total of four hours per month is assumed for ten months. An initial setup of 4 hours is assumed for administrative assistance for contracting and three hours per month for invoicing and scheduling.

**ADOT Coordination and Meetings (10)** – Ten monthly project meetings held at ADOT. Attendees to include Project Manager. Assume Grand Canal Pathway project meeting will be held concurrently. Assume two hours per meeting to include preparation of meeting minutes.

- **CH2M HILL Design Team Meetings (4)** – Four design team meetings led by the Project Manager. Attendees to include one design engineer, one traffic engineer and one CADD tech.
- **QC Reviews (3)** – QC/QA review performed by senior engineer at Stage III, IV, and V submittals (3 submittals) with an assumed eight hours per review.

### **Task 2 – Shared-Use Path Plan Preparation**

- **Plans** – Revise Existing Plans to be in accordance with ADOT administered construction standards. The following sheets will require a completely different format from the existing sheet.
  - Title sheet (1)
  - Signing/Pavement Marking (6)
  - Sign Summary (2)

The following new sheets are anticipated to be added to the plans

- Detail Sheet (1)
- Traffic Control Plans (5)
- Erosion Control Plans (4)
- Cross Sections (12)
- **Estimates** – Development of estimate for Stage III, IV, V and PS&E submittals (4 submittals) with an assumed effort of twelve hours per submittal.
- **Special Provisions** – Development of special provisions for Stage III, IV, V and PS&E submittals (4 submittals) with an assumed effort of twelve hours per submittal.
- **Submittal Coordination** – Coordination of submittal package with project design team and subconsultant (J2). A total of ten hours per submittal is assumed for four submittals.

### **PS&E**

Prepare the final PS&E package in accordance with ADOT guidelines. Submittals will include Stage III, IV, V and PS&E. A total of 58 drawings is assumed.

**Task 3 – Environmental** – Revisit Biological Report, Cultural Resources Report and Phase I Site Assessment to provide verification the original findings are still valid. Prepare and submit a revised Categorical Exclusion Memorandum.

**Task 4 – Landscape and Irrigation Redesign** - J2 Engineering and Environmental will provide Landscape and Irrigation design as a subconsultant to CH2M HILL. The effort for this task is defined in J2's attached Project Understanding.



Tuesday August 27, 2013

Ms. Sharon Daleo, PE  
Project Manager  
CH2M Hill  
2020 SW 4th Ave, 3rd Floor  
Portland, OR 97201

**Re: Grand Canal and Maryland ADOT Approval & Reauthorization**

Dear Ms. Daleo:

J2 has been asked to modify our scope of services to include proposed changes to J2's completed plans and cost estimate for the Grand Canal and Maryland extensions of the Multi-Use Pedestrian Pathway (MUPP) Project. This change has been precipitated by the fact that ADOT is requiring that these two projects be reformatted and resubmitted in ADOT approved format starting at 60% for review and approval by ADOT staff.

**Project Understanding:** J2 is requesting a contract modification as a result of changes to the landscape and irrigation plans for the pathway that parallels The Grand Canal and the Spur along Maryland as a result of gaining the new ADOT approval to construct. This contract modification request will address the following:

- A. Project management and comment resolution meetings with City of Glendale, ADOT and key stakeholders. There are targeted to be three comment resolution meetings 60%, 95% and 100%. There are other coordination meetings between the City of Glendale, ADOT and CH2M Hill and J2 to complete this effort included in this task.
- B. Reformatting Grand Canal and Maryland Avenue Plans, specifications and estimate for J2's landscape and irrigation design efforts into ADOT format.

<b>Design Services Fee for reformatting Grand Canal:</b>	<b>\$8,089.00</b>
<b>Design Services Fee for reformatting Maryland:</b>	<b>\$5,216.00</b>
<b>Total</b>	<b>\$13,305.00</b>

Thank you for the opportunity to continue to work on this exciting project and serve CH2M Hill the City of Glendale, and the community. Please contact me if you have any questions.

Sincerely,



Jeffrey M. Engelmann, RLA, ASLA  
Principal Landscape Architect

4649 E. Cotton Gin Loop, Suite B2  
Phoenix, AZ 85040  
Phone 602.438.2221  
fax 602.438.2225

**PROFESSIONAL SERVICES AGREEMENT – AMENDED EXHIBIT D**

**COMPENSATION**

**METHOD AND AMOUNT OF COMPENSATION**

**DETAILED PROJECT COMPENSATION**

Basic Consultant Fee	\$ 811,907
Construction Administration Fee	\$ 89,386
Amendment No. 2 (Additional design work)	\$ 176,586
Total Professional Services Fee	<u>\$ 1,077,879</u>

**PROFESSIONAL SERVICES AGREEMENT – AMENDED EXHIBIT D**

**COMPENSATION**

**METHOD AND AMOUNT OF COMPENSATION**

Compensation shall be hourly rates plus allowable reimbursable expenses.

**NOT-TO-EXCEED AMOUNT**

The total amount of compensation paid to CH2M Hill for Amendment No. 2 must not exceed \$176,586.00.

**DETAILED PROJECT COMPENSATION FOR AMENDMENT No. 2**

<b>Grand Canal – 067005, Maryland Ave – 091003 Additional Design Fee Schedule</b>	
<b>TASK</b>	<b>COST</b>
Task 1- Coordination & Administration	\$ 37,134.00
Task 2 – Pathway Plans	\$ 113,403.00
Task 3 –Environmental	\$ 12,744.00
Task 4 – Landscape/Irrigation Plans	\$ 13,305.00
<b>AMENDMENT No. 2 COST:</b>	<b>\$176,586.00</b>

Basic Consultant Fee	\$ 713,065.00
Construction Phase Services	\$ 107,031.00
Amendment No. 1 Fees	\$ 81,197.00
Amendment No. 2 (Additional design work)	\$ 176,586.00
Total Professional Services Fee	<u>\$ 1,077,879.00</u>