

**SCOPE OF WORK  
CITY OF OREGON CITY  
ENGINEERING SERVICES FOR  
OREGON CITY ROADWAY RECONSTRUCTION  
AMENDMENT NO. 3**

**Introduction**

Murray, Smith & Associates, Inc. is currently providing engineering services to the City of Oregon City (City) for pavement rehabilitation work in 2012 and 2013. Previously scoped work, including Amendments No. 1 and No. 2, included design and construction administration services. This amendment is to address supplemental construction administration services for work in 2012 not previously included.

**Proposed Scope of Services**

The scope of services for the contemplated work is presented below.

**TASK 1 – PROJECT MANAGEMENT**

No changes to previous scope.

**TASK 2 – SURVEYING**

No changes to previous scope.

**TASK 3 – UTILITY COORDINATION**

No changes to previous scope.

**TASK 4 – 50% DESIGN**

No changes to previous scope.

**TASK 5 – 90% DESIGN**

No changes to previous scope.

**TASK 6 – FINAL DESIGN**

No changes to previous scope.

## **TASK 7 – BIDDING SERVICES**

No changes to previous scope.

## **TASK 8 – CONSTRUCTION PHASE SERVICES**

In addition to the previous scope of work, the Consultant shall:

- For 2012 construction services, conduct additional periodic site visits to monitor the progress and quality of the work. Per Amendment 2, it was assumed consultant inspection time would be four visits per week, six hours per visit over a two month (9 week) construction period for 2012. Due to an end loaded schedule and associated construction quality management challenges, additional oversight at the request of the City was necessary to manage the work. Full time inspection generally included five visits per week, 10 hours per visit over a 7 week period.

### **Proposed Fee Estimate**

Murray, Smith & Associates, Inc. (MSA) proposes to perform this amended work on a time and expenses basis with a total not to exceed amount of \$18,775. The proposed fee estimate broken down by task for the amended work is shown in Figure A. This work will be performed in addition to the previously approved \$251,848 for the original scope of work and Amendments 1 and 2 for both the 2012 and 2013 bid packages.

### **Schedule**

The overall project schedule will remain unchanged.

**PROFESSIONAL ENGINEERING SERVICES FOR  
OREGON CITY ROADWAY RECONSTRUCTION  
CITY OF OREGON CITY**

**FIGURE A**

**PROPOSED FEE ESTIMATE - AMENDMENT NO. 3 (2012 CONSTRUCTION)**

TASK								ESTIMATED FEES			
	Principal \$167.54	Engineer V \$114.47	Engr. III \$100.94	Engr. I \$87.41	Tech. \$88.45	Clerical \$62.44	Total Hours	Labor	Subs HDJ	Expenses	Total
<b>Task 1 - Project Management</b>											
<i>Task 1 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 2 - Surveying</b>											
<i>Task 2 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 3 - Utility Coordination</b>											
<i>Task 3 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 4 - 50% Design</b>											
<i>Task 4 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 5 - 90% Design</b>											
<i>Task 5 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 6 - Final Design</b>											
<i>Task 6 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 7 - Bidding Services</b>											
<i>Task 7 Subtotal</i>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task 8 - Construction Phase Services</b>											
Extra site visits	4	40	134				178	\$ 18,775			\$ 18,775
<i>Task 8 Subtotal</i>	4	40	134	0	0	0	178	\$ 18,775	\$ -	\$ -	\$ 18,775
<b>TOTAL - NON-CONTINGENCY TASKS</b>	4	40	134	0	0	0	178	\$ 18,775	\$ -	\$ -	\$ 18,775
							0	\$ -		\$ -	\$ -
<b>TOTAL - CONTINGENCY TASKS</b>	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>TOTAL - ALL TASKS</b>	4	40	134	0	0	0	178	\$ 18,775	\$ -	\$ -	\$ 18,775