

## EXHIBIT “A” – SCOPE OF WORK

**1. Project Services.** Consultant agrees to perform professional services for a project known and described as McCulloch Boulevard Pavement Rehabilitation, Utility Inspection and Review (“Project”). The Services are described in the following subtasks:

### **1.1 Data Collection**

- A. The Consultant will research and evaluate existing City, County, and private utility information (e.g. as-builts, quarter section maps, GIS) regarding existing facilities such as roadway, drainage, traffic, and utilities. The City will provide available as-builts and other related existing data including right-of-way tract maps.
- B. The Consultant will request an Arizona Blue Stake ticket to identify existing utilities within the Project limits and request existing utility information.

### **1.2 Project Management**

- A. Project management includes contract management, invoicing, internal meetings with staff and sub consultants and quality control/quality assurance.
- B. Re-Bid Services include issuance of revised and/or re-bid plans and addendums.

### **1.3 Utility Coordination and Evaluation**

- A. The Consultant will develop an existing utility base file in AutoCAD of City and private utilities located within the Project limits based on a combination of existing utility as-builts, topo survey, and field investigations.
- B. The Consultant will review available record drawings for the existing City-owned water, sewer and storm drain facilities located within the downtown boundary (Swanson Avenue, Mesquite Avenue, McCulloch Boulevard from Lake Havasu Avenue to Acoma Boulevard) for use in the water/sewer/storm drain inspection and evaluation. This includes both mains and service lines within the Project limits.
- C. The Consultant will conduct a field review. Field reviews are assumed to be conducted on the same days as the Project kick off meeting.
- D. The Consultant will review the results of the sewer manhole, sewer pipeline and storm drain inspection for all of downtown and provide recommendations for needed improvements. The water will be evaluated based on age and material from available as-builts. Final Recommendations will be provided via memorandum.
- E. If determined that replacement of these City-owned utilities is required, the Consultant will provide preliminary construction costs for the City.
- F. The Consultant will be responsible for contacting and coordinating with private utility companies in the area to determine potential impacts.

## **OUTSIDE SERVICES**

### **1.4 Sewer and Storm Drain Inspection Services**

- A. Closed Circuit Television (CCTV) inspection and cleaning of the existing sewer and storm drain within the downtown area of City. This includes:
  - i. McCulloch Boulevard – Smoketree Avenue to Acoma Boulevard (approximately 3000 LF)
  - ii. McCulloch Boulevard – Smoketree Avenue to Lake Havasu Avenue (approximately 4000 LF)
  - iii. Swanson Avenue – Smoketree Avenue to Lake Havasu Avenue (approximately 7000 LF)
  - iv. Mesquite Avenue - Smoketree Avenue to Lake Havasu Avenue (approximately 7000 LF)
- B. Work under this task includes:
  - i. Sewer Line Cleaning (8” to 15” diameter) – 19,650 LF
  - ii. Sewer Line Panoramo – 19,650 LF
  - iii. Storm Drain Panoramo – 3,200 LF
  - iv. Water Meter Rental
  - v. Mobilization
  - vi. Traffic Control
- C. Reports, video and photos will be provided to include in the overall Utility Inspection and Evaluation Report
- D. Storm Drain Cleaning is included as an Allowance.

## **ALLOWANCES**

### **1.5 Storm Drain Cleaning**

- A. An allowance is included to address the potential need to clean the storm drain prior to inspection. This allowance assumes the existing Storm Drain system is 25% full of debris and silt.
- B. The cleaning assumes City will provide a disposal site for the debris removed from the storm drain system.

## **2.     Exclusions.**

The following items/services are not included in this scope of work and fee proposal. If these items/services are determined to be required, a separate agreement by contract amendment or new contract shall be coordinated between City and the Consultant.

1. Final Design Services
2. Construction phase services
3. Street light design
4. Traffic Signal Design
5. Traffic Counts

## EXHIBIT "B"- FEE SCHEDULE

<u>CLASSIFICATION</u>	<u>PERSON HOURS</u>	<u>BILLING RATE/HOUR</u>	<u>TOTAL</u>
Senior Project Manager	-	\$ 220.00	\$ -
Project Manager	62	\$ 195.00	\$ 12,090
Sr. Project Engr	130	\$ 179.00	\$ 23,270
Project Engr	24	\$ 144.00	\$ 3,456
Engr/Designer	142	\$ 106.00	\$ 15,052
Technician/Drafter	24	\$ 91.00	\$ 2,184
Administrative	12	\$ 73.00	\$ 876
	394		
	Hours		
		Subtotal Base Fee	\$ 56,928
<b>OUTSIDE SERVICES</b>			
	<b>Cost</b>		
Storm/Sewer Investigation	\$ 94,265		
		Subtotal Outside Services	\$ 94,265
<b>ESTIMATED DIRECT EXPENSES</b>			
Miscellaneous Expenses	\$ 1,300		
		Subtotal Estimated Expenses	\$ 1,300
<b>ALLOWANCES</b>			
Storm/Sewer Cleaning	\$ 33,600		

Subtotal Allowances	\$ 33,600
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**TOTAL PROJECT COST**

<b>\$ 186,093</b>
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