

Exhibit “A” - Scope of Work

City Core Paving Project

1. **PROJECT SERVICES**: Consultant agrees to perform professional services for a project known and described as the City Core Paving Project (“Project”). The Project includes the following:

- Mill and overlay along McCulloch Boulevard between London Bridge and Smoketree Avenue (approximately 4,500 feet)
- Mill and overlay along Swanson Avenue between US 95 and Smoketree Avenue (approximately 3,800 feet)
- Mill and overlay along Smoketree Avenue between Swanson Avenue and Mesquite Avenue (approximately 1,200 feet)
- Water main replacement along Swanson Avenue between Magnolia Drive and Capri Boulevard (approximately 900 feet)
- Mill and overlay along Riviera Boulevard between Swanson Avenue and Palo Verde South (approximately 3,000 feet)
- Water main replacement along Riviera Boulevard between Swanson Avenue and Palo Verde South (approximately 3,000 feet)

The Services are described in the following subtasks:

1.1. DATA COLLECTION, TOPO SURVEY COORDINATION & UTILITY COORDINATION

1.1.1. 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.

1.1.2. Obtain and review private utility maps for approximate utility locations.

1.1.3. Prepare a survey request and coordinate topographic survey and right of way services with the City and sub-consultant.

1.1.4. Review and update the CAD files for control and topographic survey data as well as right-of-way information provided.

1.1.5. Verify obtained topographic information at progress meeting.

1.1.6. Coordination with utility companies for plan review and obtain necessary utility clearances or relocations to include: submittal of plans, comment resolution forms and review of relocation plans for all affected utility owners.

1.2. CONSTRUCTION DOCUMENTS

1.2.1. Prepare Construction Documents for the Mill and Overlay for McCulloch Boulevard from Smoketree Avenue to the London Bridge.

1.2.2. Prepare Construction Documents for the Mill, Overlay and Water Main Replacement on Riviera Boulevard for approximately 3,000 LF.

1.2.3. Prepare Construction Documents for the Mill and Overlay on Swanson Avenue and approximately 900 LF of Water Main Plan replacement in Swanson Avenue between Magnolia Drive and Capri Boulevard. Prepare Construction Documents for the Mill and Overlay on Smoketree Avenue between Swanson Avenue and Mesquite Avenue

1.2.4. Submit construction documents at three (3) stages, 60%, 90% and Final. The following sheet list is anticipated for the final construction documents:

- 1.2.4.1. Cover Sheet (1 Sheet)
- 1.2.4.2. Legend & Notes (1 Sheet)
- 1.2.4.3. Typical Sections (1 Sheet)
- 1.2.4.4. McCulloch Boulevard Paving Plans (9 Sheets)
- 1.2.4.5. Swanson Avenue/Smoketree Paving Plans (10 Sheets)
- 1.2.4.6. Riviera Paving/Water Main Plan and Profile (6 Sheets)
- 1.2.4.7. Swanson Avenue Water Main Plan and Profile Plans (3 Sheets)
- 1.2.4.8. Detail Sheets (2 Sheets)

1.3. PROJECT ESTIMATE AND SPECIFICATIONS

1.3.1. A list of anticipated quantities is prepared and submitted at each design stage.

1.3.2. Present quantities on the plan sheets and in a separate quantities' spreadsheet using custom bid items based on City item descriptions.

1.3.3. An Opinion of Probable Cost (OPC) is provided for these quantities.

1.3.4. Technical special provisions are prepared for the 60%, 90%, and Final submittals. The specifications utilize the City format.

1.3.5. Submit Approval to Construct to Arizona Department of Environmental Quality for water main replacement.

- 1.3.5.1. Water Design Report
- 1.3.5.2. Application

1.4. PROJECT MANAGEMENT/PRE-BID SERVICES

1.4.1. Project management includes contract management, invoicing, Project schedule development, internal meetings with staff, Quality Control/Quality Assurance, and CADD maintenance.

1.4.2. Pre-Bid Services include contractor questions, bid tabulation review/recommendation and issuance of addendums as necessary

1.5. MEETINGS

1.5.1. Attendance at the following meetings as a part of this Project:

- 1.5.1.1. Kickoff Design Meeting
- 1.5.1.2. Plan Review Meetings (3 meetings)

1.5.2. Design progress meetings are assumed to be attended by the Project Manager in the City's office and any technical support will participate by teleconference.

1.5.3. Responsible for preparing meeting agendas, exhibits, and notes.

1.5.4. Field reviews are assumed to be conducted on the same days as meetings described above.

1.5.5. Any meetings beyond those listed above will be considered additional services.

1.5.6. Prepare a summary of comments received following each submittal. The summary includes a response and how it was addressed.

1.6. TOPO SURVEY

1.6.1. Provide topographic survey and right of way for the water main replacement in Swanson Avenue between Magnolia Drive and Capri Boulevard and Riviera Boulevard. This includes:

- 1.6.1.1. Project Control
- 1.6.1.2. Right of Way Survey and Mapping
- 1.6.1.3. Topography/1' Contours
- 1.6.1.4. Mapping will be provided via Autocad

2. SCHEDULE

The Services will commence upon receipt of an executed Agreement and will have an expected duration of nine (9) months. A more detailed schedule will be prepared upon receipt of the executed Agreement.

3. ASSUMPTIONS

ADA improvements are not required for this Project.

4. SERVICES NOT INCLUDED

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

- Construction Administration
- Shop Drawing/Request For Information
- Environmental Permitting
- Sewer Design
- Land Acquisition
- Public Involvement
- Permit or plan review fees
- Geotechnical services
- Potholing services