Colorado Springs Utilities

*It's how we're all connected*

# EXHIBIT A

# STATEMENT OF WORK

**STATEMENT OF WORK (SOW)**
**Mesa C-Basin Concrete Repair**

# 1.0 Introduction

Colorado Springs Utilities is requesting concrete repair services to perform concrete repair in the C-Sedimentation Basin at Mesa Water Treatment plant located at 2715 Mesa Road. Services are requested to perform unit price concrete repair by a selected contractor in and around C-Basin in critical areas. Colorado Springs Utilities is requesting demolition and concrete repair in the most critical areas. Also, to that the products selected for use will not compromise the structural integrity of the basin.

# 2.0 Scope

The general scope of work is to perform concrete repair in the C-Sedimentation Basin. Work would include:

- Assessment of basin condition and recommendation for repair in the areas with the highest risk of failure.
- Construction of concrete repair to ensure that products and methods used are acceptable and meet design specifications.
- Drawing to detail repaired areas and identified areas that remain to be repaired at a future date.

# 3.0 Background

Mesa C-Basin has been in service since 1980. A contract was put in place three years ago to modify the flow through the basin for flocculation, to build a new wall in the basin for better flow distribution and to perform some of the concrete repair in the bottom and sides of the concrete basin. It was determined as the project progressed that there were more areas to repair than the allocated project funds could absorb. It was decided to limit the concrete repairs to only what could be done with the allocated funds. There are currently limited funds available to continue with these needed repairs in 2007 on a unit price basis.

# 4.0 Tasks, Deliverables & Schedule

Please refer to specifications for specific products and procedures concerning this project.
Please only regard information in sections of specifications that are related to the concrete repair in Mesa C-Basin.
Please substitute references to Engineer in specifications with Owner Representative in each case. Please disregard any references to Engineer in specifications when Engineer is called out as a separate party.
Please refer to the following sections for specification reference:
01110
01116
01140 – Please disregard 1.08 A.
01201
01270
01292 – refer only to concrete repair portion
01294 – submit only 3 copies

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01312
01324
01329
01330 – submit only 3 copies in all cases
01352
01354
01424
01450
01500
01600
01732
01738
01770
03055
03071
03102
03200
03300
03600
03930 – refer only to basin and not flocculator piers, Etc.
Please do **not** include the following sections for specifications because they are not applicable to concrete repair and beyond the scope of this work.
05120 – except for specifications on concrete anchors
05500
06100
15061
15265

Tasks to be performed are as follows.

- Schedule meeting to meet project team and identify sequence of needed tasks to be performed.
- Agree on progress meeting format and keep minutes of all meetings.
- Assess concrete condition of the basin.
- Assess locations for critical repair to best utilize the available funds.
- Repair of selected critical locations with quality products and best construction practices.
- Verification and documentation of completed work.

| Item # | Task/Deliverable Description | Start Date | Completion Date |
|---|---|---|---|
| **1.** | **. Begin Contract Process**<br>***Process will consist of constructing a contract for unit price repair work*** | **September 2007** | **October 2007** |
| **2.** | **Requirements Meeting**<br>***Complete list of identified requirements for project deliverables*** | **October 2007** | **October 2007** |
| **3.** | **Site & Contractor coordination plan/ Site staff & contractor** | **October 2007** | **October 2007** |

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| | | | |
|---|---|---|---|
| | **orientation for project** | | |
| **4.** | **. Begin critical repair area identification/. / Evaluate and identify critical areas for repair** | **October 2007** | **October 2007** |
| **5.** | **Construction repair of critical areas/ Contractors perform construction repair** | **October/ December 2007** | **October/ December 2007** |
| **6.** | **Verify and document completed bid package/ Verification and documentation of completed work** | **November/ December 2007** | **November/ December 2007** |
| **7.** | **Substantial completion/ Project substantially complete** | **December 2007** | **December 2007** |
| **8.** | **Final completion/ Project Complete** | **December 2007** | **December 2007** |
| | | | |

## 5.0 Performance Requirements

Contractor is expected to meet or exceed the work specifications discussed in the Supplementary Conditions.

## 6.0 Performance Measurement Methods

Consultants Quality Control Inspectors will monitor Contractor compliance with the standards referenced in Supplementary Conditions.

## 7.0 Resource Requirements

The contractor is responsible for ensuring that the necessary resources are assigned to meet Colorado Springs Utilities project schedule and the technical work requirements referenced in Supplementary Conditions.

## 8.0 Supplier's Key Personnel.

The supplier personnel listed below are considered to be essential to the work being performed hereunder. Prior to diverting any of the specified individuals to other programs or in the event a key personnel terminates his/her employment, the Supplier shall notify the identified Springs Utilities PCS representative in advance and shall submit justification, including proposed substitutions, in sufficient detail to permit evaluation of the impact on the program. No diversion or substitution shall be made by the Supplier without written consent of Colorado Springs Utilities.

<u>Name</u> <u>Organization</u>
(TBD)

## 9.0 Non-Disclosure of Information

This section not used

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## 10.0 Applicable Documents

Provide any working documents (i.e. specifications, diagrams, designs, etc) that may be required to complete the work effort. Reference all documents applicable to the work, such as contractor documents, supplier documents, technical specifications and standards, correspondence, etc. Specify the order of precedence of the referenced documents to preclude a possible conflict.

## 11.0 Project Cost

Ideally payments should be tied to each Deliverable Milestone from Section 4.0. To the extent that it applies to your project, create a separate ("Exhibit B") pricing template that allows for payment of line item deliverables, rate schedules for TBD work or additions to the contract, as well as a means to compare offers using the same pricing template.

## 12.0 Security Requirements

Address as required.