STATE OF TEXAS §
§
COUNTY OF BEXAR §

COOPERATIVE AGREEMENT BETWEEN THE CITY OF SAN ANTONIO, TEXAS, AND THE SAN ANTONIO RIVER AUTHORITY FOR SERVICES SUPPORTING SUSTAINABLE LAND USE AND STORM WATER PROGRAMS AND PRACTICES

TASK ORDER NO. 13

Preliminary Engineering Report for Tributaries E and F to Salado Creek in LBJ Park

Scope:

The San Antonio River Authority (River Authority) shall provide a preliminary engineering report which will provide a plan of action to address erosion and degradation of tributaries E and F to Salado Creek within Lady Bird Johnson Park (see Exhibit A) with the appropriate components from the City of San Antonio's Preliminary Engineering Report Checklist (see Exhibit B). This project (PROJECT) includes the facilitation, procurement, contract negotiation, and project management of the development of a preliminary engineering report for stream restoration of Tributaries E and F within Lady Bird Johnson Park, which may include survey and base mapping, drainage analysis, natural channel design analysis, utility coordination, environmental permitting preparation, and a preliminary geotechnical study. The specific scope of work will be further defined and mutually agreed to by the Parties during the performance of this Task Order.

Responsibilities:

The City of San Antonio (City):

(1) Shall provide timely direction to River Authority on decisions requiring action by City, relating to any changes to the PROJECT scope, budget, and/or schedule.

(2) Shall identify City Director of Transportation and Capital Improvements Department or his/her designee as the contact for the PROJECT.

(3) Shall participate in the coordination meetings, as needed.

(4) Shall reimburse the River Authority for the actual costs of the PROJECT not to exceed $350,000, including reasonable interest costs.

River Authority:

(1) Shall serve as Project Manager and Administrator of the PROJECT to include coordination with engineer, procurement, invoicing, testing.

(2) Shall be responsible and accountable to the City to ensure execution of the PROJECT within available funding to support the PROJECT.

(3) Shall hold regular progress meetings, at least monthly.

(4) Designee shall remain available throughout the PROJECT to attend meetings, if requested by City, as necessary.

Duration of Project:

Development of the preliminary engineering report shall begin by October 1, 2019 and be completed by September 30, 2020, or upon completion.

Compensation:

The City hereby agrees to budget and commit a not-to exceed amount of $350,000 (THREE HUNDRED AND FIFTY THOUSAND DOLLARS AND 00/100) for the PROJECT. Allowable expenses from City funding are: a) consultant fees, b) testing, c) utility location services, d) environmental site assessments, e) real estate services, and f) other expenditures which may be approved by the City. The authorized amount may be modified by mutual consent of the Parties.

River Authority agrees to budget and commit a not to exceed amount of $50,000 (FIFTY THOUSAND DOLLARS AND 00/100) for the PROJECT. River Authority will provide work in kind in the form of project management and administration. River Authority shall prepare and submit invoices to City of actual costs incurred for the PROJECT, in a form and detail mutually acceptable to City and River Authority. City shall reimburse River Authority within thirty (30) days after receipt of invoice.

In the event that the River Authority is unable to contract for the work for the available funding amount of $350,000 (THREE HUNDRED FIFTY THOUSAND DOLLARS AND 00/100), the Parties will work together to either amend the scope of work, extend the schedule of work, or to authorize additional funding, so that the work can be accomplished with the amount of funding that is available. If the work cannot be accomplished with the amount of funding that is available after this coordination occurs, the Parties may elect to terminate this Task Order 13 and neither Party shall have an obligation under this Task Order 13.

EXECUTED THIS THE _____ DAY OF _____, 2019.

Razi Hosseini, P.E., R.P.L.S.

Interim Director/City Engineer

Transportation & Capital Improvements

City of San Antonio

SUZANNE B. SCOTT

General Manager

San Antonio River Authority

Exhibit A: FY2020 CIP – LBJ Park Stream Restoration PER

Storm Water Engineering Division

CD: #10

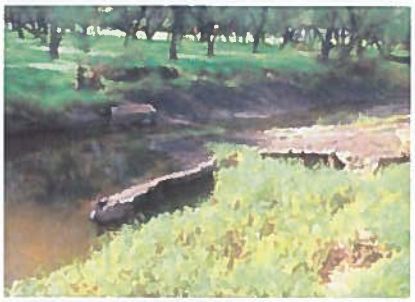
Project Limits: From Nacogdoches to Salado Creek Tributaries E & F Confluence

Background:

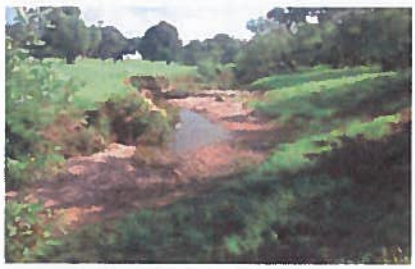
The stream within the park undergoes severe erosion and degradation due to the removal of soil by increased velocities and in some areas concentrated flows. The resulting impacts evidenced within the channel are broken concreted channel sections and undermining of the channel, bank failure and channel widening within the earthen channel sections, and development of streamlets in the park. Additional deficiencies noted in the channel are exposed utility encasements and associated broken concrete, utility conduits clearly exposed, and due to the existing elevation of the pedestrian bridge a ponding condition occurs as a result of debris accumulation. The Preliminary Engineering Report (PER) will assist in providing a clear and concise channel stabilization plan of action for the LBJ Park. It is the intention of the parties to use this report as the basis for consideration of project funding by the City of San Antonio. In light of the experience of the San Antonio River Authority in managing the design and construction of stream restoration projects, the River Authority is providing project management services.

FY2020 Budget Request:

Category	Estimated Cost
COSA Contribution to Design Study	$350,000
SARA Contribution to Design Study	$50,000
Total*	**$400,000**
SARA Work-in-Kind in Project Management, not to be billed to City of San Antonio	$36,000



Broken Concrete Channel



Bank Failure/Channel Widening

Exhibit B: City of San Antonio TCI - Preliminary Engineering Report Checklist

The following is a list of recommended requirements for a PER Submittal. The Design Consultant must provide as much information as possible to assist City staff in the review and to simplify approval for the following submittal. The Consultant must coordinate closely with City Project Manager to meet project's needs

PROJECT NAME: _____

SUBMITTED TO: _____ (CITY PM)

SUBMITTED BY: _____ (CONSULTANT PM)

REVIEWED BY: _____

I. Preliminary Engineering Report

Base Mapping

- ☐ Initial Survey Control
- ☐ Topographic Map
- ☐ Right-of-Way Map

Comments: _____

Drainage Study

- ☐ Existing Condition Drainage Area Map
- ☐ Existing Condition Discharge Calculations
- ☐ Storm Sewer Layout
- ☐ Storm Sewer Layout Alternatives
- ☐ Floodplain Analysis (HECRAS Calculation and Summary)
- ☐ Alternative Analysis
- ☐ Culvert Layout(s)
- ☐ Erosion and Stabilization BMPs
- ☐ Outlet stabilization Plan
- ☐ Outfall Stabilization Plan

Comments: _____

Utility Coordination

- ☐ Identify Apparent Utilities in Project Corridor
- ☐ Determine Utility Renewal and Replacement Requirements
- ☐ Present Minutes from Initial Utility Coordination Meeting
- ☐ Show Existing Utilities on Project Base-map
- ☐ Identify Potential Utility Conflicts and Notify Utility Companies
- ☐ Identify Follow-on Utility Location Requirements with Utility Companies
- ☐ Coordinate Utility Adjustment Design with Utility Companies
- ☐ Develop Record of All Communications

Comments:_____

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Preliminary Geotechnical Study

- ☐ Proposed Pavement Design
- ☐ Pavement Section Alternatives
- ☐ Proposed Alignment(s)
- ☐ Project Type
- ☐ Feasibility Evaluation
- ☐ Position of Natural Drainage Features
- ☐ Hydrologic Inferences
- ☐ Terrain and Cut/Fill Estimation
- ☐ Geologic Model
- ☐ Soil Identification from Published Data
- ☐ Soil Characteristics Estimation
- ☐ Soil Properties Estimation
- ☐ Preliminary Stabilization Requirements
- ☐ Subsurface Exploration Guidance
- ☐ Non-Destructive Testing Plan

Comments:_____

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Permitting

- ☐ Permitting Agency Jurisdictional Assessment
- ☐ Design Alternatives

Comments:_____

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Public Involvement

- ☐ Initial Needs Assessment
- ☐ Public Involvement Plan

Comments:_____

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Other

- ☐ Class 4 Cost Estimate
- ☐ Project Schedule

Comments:_____

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