



CITY COUNCIL

AGENDA REQUEST

AGENDA OF:	04-06-10	AGENDA REQUEST NO:	III-J
INITIATED BY:	RICHARD MANCILLA, EIT ENGINEER II <i>EM</i>	RESPONSIBLE DEPARTMENT:	ENGINEERING
PRESENTED BY:	RICHARD MANCILLA, EIT ENGINEER II	DEPARTMENT HEAD:	CHRISTOPHER STEUBING, P.E., CFM, CITY ENGINEER <i>CLS</i>
		ADDITIONAL DEPARTMENT HEAD (S):	SU ELLEN STAGGS, UTILITIES DIRECTOR <i>EMS</i>

SUBJECT / PROCEEDING: DISTRIBUTION WATER MAIN REHABILITATION APPROVAL OF PROFESSIONAL SERVICES CONTRACT

EXHIBITS: CONTRACT AND FEE PROPOSAL FROM GUNDA CORPORATION, LLC VICINITY MAP

CLEARANCES	APPROVAL
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LEGAL:	JOE MORRIS, CITY ATTORNEY <i>JCM</i>	EXECUTIVE DIRECTOR:	
PURCHASING:	TODD REED PURCHASING MANAGER <i>(P)</i>	ASST. CITY MANAGER:	KAREN DALY <i>kd</i>
BUDGET:	JENNIFER BROWN <i>JB</i> BUDGET & RESEARCH DIRECTOR	CITY MANAGER:	ALLEN BOGARD <i>Allen Bogard</i>

BUDGET

EXPENDITURE REQUIRED: \$	230,968.00
AMOUNT BUDGETED/REALLOCATION: \$	235,000.00 (CIP WA1004)
ADDITIONAL APPROPRIATION: \$	N/A

RECOMMENDED ACTION

Approve the Engineering Services Contract in the maximum amount of \$230,968 with Gunda Corporation, LLC for the design and survey for the Distribution Water Main Rehabilitation Project (CIP WA1002)

EXECUTIVE SUMMARY

One of the City's biennial projects includes the design and construction of distribution system water lines to replace aged and high maintenance existing water mains. A water line replacement analysis was conducted based on maintenance records to prioritize water line rehabilitation. Approximately 25,000 linear feet of water line sizes

ranging from 4" to 12" were identified for this project in the following areas:

- Settlers Park Section 2
- Settlers Park Section 4
- Settlers Grove Section 1

Thirty-six (36) firms responded to the Request for Qualifications (RFQ). Gunda Corporation, LLC was selected as the consultant for this project by the Engineering, Utilities and Public Works Departments. The selection was based on the RFQ process previously discussed with the City Council and per policy. The sub-contractors for this project include Kuo & Associates, Inc. for surveying and Tolunay-Wong Engineers, Inc. for geotechnical services.

Gunda Corporation was previously a sub-contractor under CLR for the Dulles Avenue Preliminary Engineering Report. They performed the Traffic Analysis Impact as part of that report. Currently they a sub-contractor under Freese & Nichols for the Dulles Avenue Design Project. They are designing the traffic signal at the intersection of State Highway 6 and Dulles Avenue as part of that project. In addition they have completed or provided services for numerous water main rehabilitation projects in the City of Houston that are similar in scope to this project.

The scope of work for this contract includes the following services:

- Survey to identify possible obstructions or conflicts with the proposed location of the new water line including trees, driveways, valves, hydrants, services, and other utilities.
- Development of plans, specifications and estimates for the design of 25,000 linear feet of 4" to 12" water lines.
- Geotechnical investigation of the soils at bore locations and intervals along the proposed water lines.

The CIP project, WA1002, has an available unencumbered design balance of \$235,000.00. The design is expected to be complete by October 2010. Construction is scheduled for FY11; construction funding has been identified in the CIP for FY11 consideration.

The Engineering and Utilities Departments recommend that the City Council authorize the execution of an Engineering Services Contract with Gunda Corporation, LLC. in the amount of \$230,968.00 for the design of the Distribution Water Main Rehabilitation Project CIP WA1002

**CITY OF SUGAR LAND STANDARD CONTRACT
FOR PROFESSIONAL ENGINEERING DESIGN
SERVICES FOR CITY FACILITIES**

Form Revised 3/1/10

I. General Information and Terms.

Engineer's Name and Address: Gunda Corporation, LLC
7322 Southwest Freeway, Suite 1802
Houston, Texas 77074

Project Description: Design Services for Settlers Park and Settlers Grove
Water Line Improvements

Maximum Contract Amount: \$230,968

Effective Date: On the latest date of the dates executed by both parties.

Termination Date: (See III F)

Contract Parts: This Contract consists of the following parts:

- I. General Information and Terms
- II. Signatures
- III. Standard Contractual Provisions
- IV. Additional Terms or Conditions
- V. Additional Contract Documents

II. Signatures. By signing below, the City and the Engineer agree to the terms of this Contract, which consists of the following parts:

CITY OF SUGAR LAND

ENGINEER:

City Manager or Assistant City Manager

By: Rajesh Tanwani

Date: _____

Date: 03/31/2010

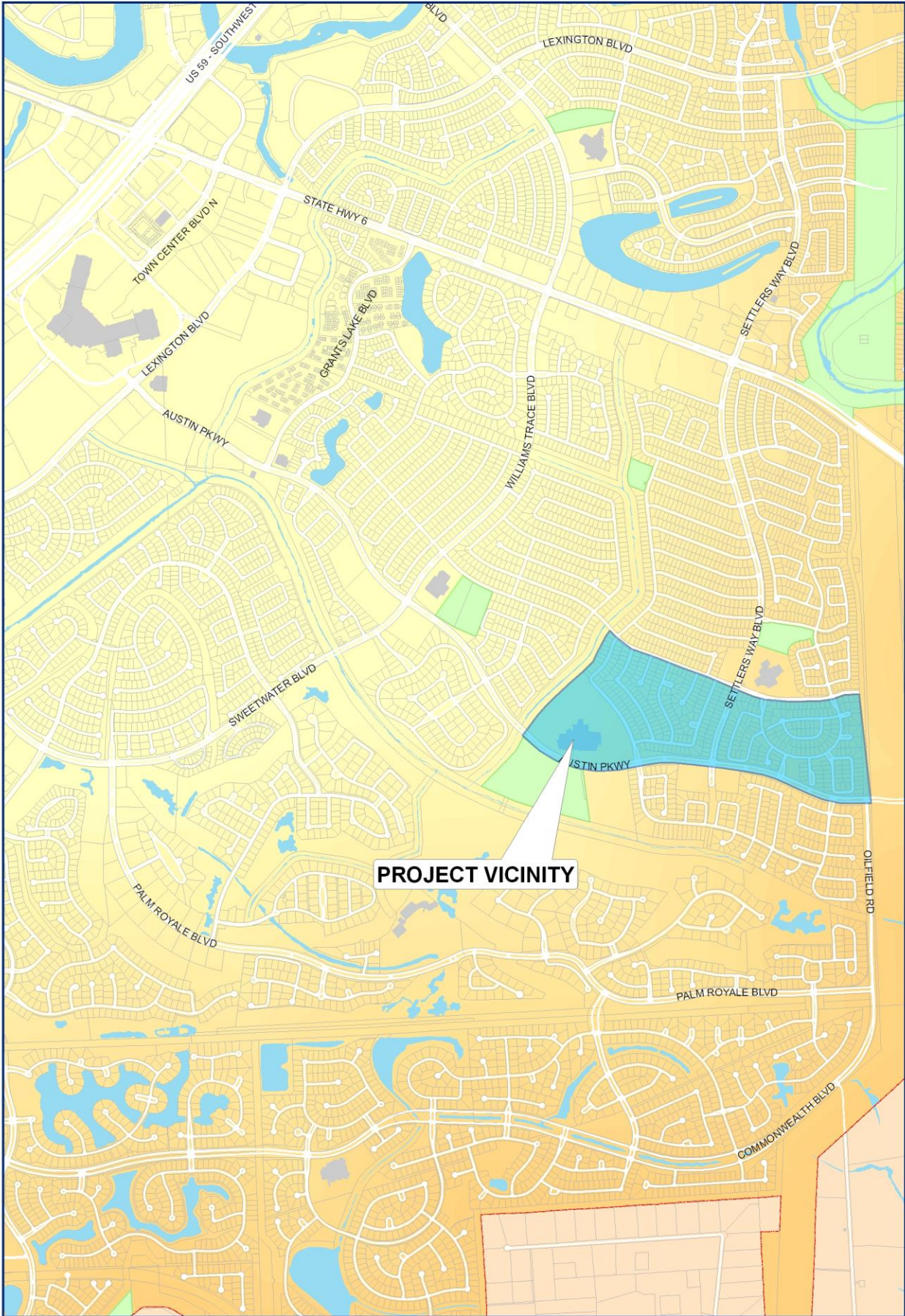
Reviewed for Legal Compliance: _____

Jon M. ...

GUNDA CORPORATION, LLC
FEE PROPOSAL FOR SETTLERS GROVE SEC. 1 AND SETTLERS PARK SEC. 2 & 4 WL IMPROVEMENTS
CITY OF SUGAR LAND

EXHIBIT B

	\$180.00 SR. PROJECT MANAGER	\$162.00 PROJECT MANAGER	\$140.00 SENIOR ENGINEER	\$93.00 ENGINEER INTERN	\$81.00 CADD	\$66.00 SECRETARY	SUB-TOTAL FEE HOURS	SUB-TOTAL FEE
1.0 BASIC SERVICES								
1.1 Phase II Basic Services - General								
Project Management	4	16				8	28	\$3,840.00
Progress Meetings	4	16		16		8	44	\$5,328.00
						SUB-TOTAL	72	\$9,168.00
1.2 Phase II Basic Services - Final Design								
Formal QA/QC Procedures	8		24				32	\$4,800.00
Subconsultant Product Reviews		8					8	\$1,296.00
Constructability & Survey Review	4	10					14	\$2,340.00
Public Utility Coordination		2		4			6	\$696.00
Private Utility Coordination		4		8			12	\$1,392.00
Cover Sheet		1		2	2		5	\$510.00
Sheet Index		1		1	4		6	\$579.00
Overall Layout		2		6	12		20	\$1,854.00
General Notes		1		2	4		7	\$672.00
Typical Sections		2		8	24		34	\$3,012.00
Plan & Profile Sheets	6	124	10	186	384		710	\$70,970.00
Detail Sheets		1		2	8		11	\$996.00
Specification	2	6		12		6	26	\$2,844.00
Quantities		6		12	12		30	\$3,060.00
Cost Estimate		2		4			6	\$696.00
Construction Timeline		2		2			4	\$510.00
Prepare Bid Form		4		8		4	16	\$1,656.00
Pre-Bid Conference & Bid Tabulations		2		8			10	\$1,068.00
						SUB-TOTAL	885	\$98,951.00
TOTAL	28.0	210.0	34.0	281.0	450.0	26.0	957	\$108,119.00
SUBTOTAL	\$5,040.00	\$34,020.00	\$4,760.00	\$26,133.00	\$36,450.00	\$1,716.00		\$108,119.00
2.0 ADDITIONAL SERVICES								
						Sub	Mark-up	
2.1 Topographic Survey (Half Survey)						\$88,317	\$8,831.70	\$97,149
2.2 Geotechnical Investigations						\$12,850	\$1,285.00	\$14,135
2.3 Permits								\$1,500
2.4 Storm Water Pollution Prevention Plan								\$7,000
				SUB-TOTAL				\$119,784
3.0 EXPENSES								
3.1 TDLR Review Fee						\$1,065		\$1,065.00
3.2. Reproduction	B & E Reprographics, Inc.						\$2,000	\$2,000.00
						SUB-TOTAL		\$3,065.00
PROJECT TOTAL								\$230,968



PROJECT VICINITY



**WATER MAIN REHAB - WA1002
VICINITY MAP**

LEGEND

- CITY OF SUGAR LAND - CITY LIMITS
- CITY OF SUGAR LAND - LIMITED PURPOSE ANNEXATION
- CITY OF SUGAR LAND - ETL

APRIL 2010

