



CITY OF PALMVIEW

Mayor
Jorge G. Garcia

Mayor Pro-Tem
Gerardo Perez

Councilmen
Noe Ruben Munoz
Ricardo Villarreal
Joel Garcia Jr.

Councilwomen
Graciela S. Flores

City Manager
John V. Alaniz

Asst. Manager
Ramon Segovia

City Secretary
Aida Rivas

After review of the best and final offer from Sames Engineering in reference to the Bentsen Palm Bridge Project, the City of Palmview accepts the proposal of \$22,435.45 which includes geotechnical testing. We respectfully ask that Urban County go to Commissioners court for approval of the proposal. If there is anything we can do to expedite this, please do not hesitate to ask.

Thank you,

**Ramon Segovia
Interim City Manager
City of Palmview**



STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

Professional Services Agreement

This Agreement, entered into this 21st day of May, 2013 by and between Urban County Program, (hereinafter called the "Party") and SAMES, Inc. dba Sam Engineering & Surveying, duly authorized Engineer, herein acting by Saul D. Maldonado, Principal Engineer (hereinafter called the "Engineer").

WITNESSETH THAT:

WHEREAS, Hidalgo County has received CDBG funds from the U.S. Dept. of Housing and Urban Development to be used by Urban County Participants. It is understood and agreed that the Party's obligation under this Agreement is contingent upon the actual receipt of adequate federal funds to meet the liabilities under this Agreement; and

WHEREAS, the Party is interested in obtaining Engineering Services; and

WHEREAS, the Engineer, duly licensed and registered to practice engineer in the State of Texas, has the professional abilities to undertake the study, evaluation, analysis and recommendations in a manner which shall provide the necessary public service while preserving and enhancing to the greatest degree possible the natural and proposed environment in the Project (as hereinafter defined) area; and

WHEREAS, the Party desires to engage the Engineer to render certain services in connection therewith;

NOW, THEREFORE, the participants do mutually agree as follows:

**SECTION I
EMPLOYMENT OF THE ENGINEER**

The Party agrees to employ the Engineer to furnish and provide the engineering services as stated in the following sections and upon receipt of such satisfactory services, the Party agrees to pay the Engineer as stated in the sections to follow.

**SECTION II
BASIC SERVICES OF THE ENGINEER**

The Engineer shall perform the following Basic Services in connection with the proposed Palmview Street Improvements Account(s) 5011-55-0311-5000-5500 (the "Project") as more particularly described in Exhibit A attached hereto.

2.1 Preliminary Phase

- a. Attend preliminary conferences with the Party and, if requested, with the funding agency and other government agencies or interested parties regarding the project.
- b. As may be required, comply and receive from the Party and the funding agencies approval on all work.
- c. Prepare preliminary engineering plans on the Project in sufficient detail to indicate clearly the problems involved and solutions recommended with the cost estimates.
- d. Obtain the Party's written approval of the work of this Preliminary Phase before proceeding with the next phase.

2.2 Design Phase

- a. Attend the respective Party's meetings as requested for the purpose of explaining completed design work activities.
- b. Advise the Party of any soil investigations or tests which, in the opinion of the Engineer, may be required for the proper execution of the Project.
- c. Provide all field information and surveys required for the design of the Project.
- d. Plot field data and other survey information for the design of the Project.
- e. Prepare detailed plans, specifications and contract documents and drawings (reproducible tracings) for construction authorized by the Party.
- f. Furnish, if requested, the engineering data necessary for the Party to obtain permits required by local, state, and federal authorities.
- g. Prepare cost estimates of authorized construction, based on prices for work. If such estimated costs exceed the monies available, the Party shall be consulted so that revisions can be made to reduce the cost as required.
- h. Prepare all documents required for the advertisement and bidding of the Project in cooperation with the Party's staff.
- i. Preparation of property or easement descriptions.

2.3 Construction Phase

The Construction Phase will commence with the execution of the prime construction contract(s). The Party will issue a ten (10) day commence work notice which will signal the commencement of work under any construction contracts and will terminate upon the Party's approval of the Engineer's written approval of final payment to the Contractor(s). During the Construction Phase, the Engineer will:

- a. Assist the Party in opening and tabulating bids for the construction of the Project, and advise the Party in establishing the procedure for entering into construction phase.
- b. Prepare the formal Contract Documents for the Contractor.
- c. Make periodic visits to the site as required pursuant to the standards of Professional Engineers on projects of this nature, provide project construction supervision, to observe the progress and quality of the executed work and to determine if the work is proceeding in accordance with the contract documents.
- d. Consult with and advise the Party and issue all instructions and Change Orders to the Contractor selected by the Party.
- e. During the progress of actual construction, Engineer will keep continually the Owner informed with brief and concise information. A monthly progress report will be prepared and delivered to the Party including but limited to monies spent, construction time elapsed, percent of Project completed, a brief narrative of problems encountered and the anticipated completion date.
- f. Review shop and working drawings furnished by Contractor(s) for general compliance with design concept and with information given in contract documents.
- g. Review and provide a recommendation concerning samples, catalog data, schedules, shop drawings, laboratory, shape and mill tests of material and equipment and other data which the Contractor is required to submit, in compliance with the Contract Documents.
- h. Prepare monthly and final estimates for payments to Contractor(s).
- i. Engineer shall accompany the Party on the Final Inspection to assure that the total work has been completed in accordance with the Contract Documents.
- j. Prior to the Party's dispersal of any retainage of funds, render a written opinion to the Party that the construction has been completed according to the Contract Documents and provide the Party with a certificate of completion and release of liens documents from subcontractors.
- k. Provide the Party with bond copies of as-built drawings of the constructed improvements, within sixty (60) days of issuance of certificate of completion.
- l. The Engineer will be responsible for interim and final inspection.
- m. Furnish to the Party six (6) sets of plans and six (6) sets of specifications and contract documents.

**SECTION III
ADDITIONAL SERVICES OF THE ENGINEER**

If authorized in writing by the Party, the Engineer will furnish or obtain from others Additional Services of the following types which are not considered normal or customary basic services; these will be paid for by the Party as indicated in Section VI.

- 3.1 Services of a Resident Project Representative, and other field personnel as required, for on-the-site observations of construction, other than periodic visits covered in Section 2.3 herein.
- 3.2 Detailed mill, shop and/or laboratory inspection of materials or equipment.
- 3.3 Major revision of Contract drawings as distinguished from modifications due to change orders, modifications to reduce the cost of the project or modifications requested to meet federal, state, or local regulations.

**SECTION IV
REIMBURSABLE EXPENSES**

- 4.1 Travel and subsistence required for the Engineer and authorized by the Party to points other than within Hidalgo County and Project site.
- 4.2 Additional copies of reports and specifications over six (6) copies and additional prints of drawings over six (6) copies.
- 4.3 Reimbursable expenses as provided in Section IV herein shall be paid to the Engineer on the basis of 1.1 times the Engineers actual cost.

**SECTION V
THE PARTY'S RESPONSIBILITIES**

The Party will:

- 5.1 Provide full information as to requirements for the Project.
- 5.2 Assist the Engineer by providing all available information pertinent to the Project including reports and any other data relative to design and construction of the Project.
- 5.3 Furnish the services or data as required such as appropriate professional interpretations of all of the foregoing; property, boundary, easement, right-of-way, zoning, and deed restrictions; all of which the Engineer may rely upon in performing his services under this agreement.
- 5.4 Guarantee access to and make all provisions for the Engineer to enter upon public and private property as required for the Engineer to perform his services under this Agreement.
- 5.5 Examine all studies, reports, sketches, estimates, specifications, drawings, proposals, and other documents presented by the Engineer.

- 5.6 Pay for all costs incident to advertising and obtaining bids or proposals from Contractors.
- 5.7 Provide such legal and accounting services required to discharge the Party's responsibility under the terms of this Agreement and any Agreement with any governmental agency as may be required for the project, and such auditing services as the Party may require to ascertain how or for what purpose any Contractor has used the monies paid to him under the construction contract.
- 5.8 Give prompt written notice to the Engineer whenever the Party observes or otherwise becomes aware of any defect in the Project.

SECTION VI PAYMENTS TO THE ENGINEER

The Party agrees to pay the Engineer for completed services as identified by the Party:

- 6.1 The Engineer shall be paid a total fixed amount of **\$ 22,435.45** for services rendered under this contract. Payment shall be based on request for reimbursements with documentation requested by the Party. The Engineer's fee shall be due and payable as outlined in Sections 6.2, 6.3, and 6.4 as follows.
- 6.2 At Engineer's completion and Party's approval of the Engineer's services under the Preliminary Phase, Section 2.1 of this Agreement, Party shall pay a maximum of 15% of the sum set forth in Section 6.1 above.
- 6.3 At Engineer's completion and Party's approval of the Engineer's services under the Design Phase, Section 2.2 of this Agreement, Party shall pay a maximum of 60% of the sum set forth in Section 6.1 above.
- 6.4 At Engineer's completion and Party's approval of the Engineer's services under the Construction Phase, Section 2.3 of this Agreement, Party shall pay a maximum of 25% of the sum set forth in Section 6.1 above. Such sum to be paid periodically proportionately to the percentage of construction completed by the Contractor as determined by Engineer's reports.
- 6.5 For Additional Services as provided in Section III herein the Engineer shall be paid a sum of 1.1 times the Engineer's actual cost for such services.

SECTION VII OWNERSHIP OF DOCUMENTS

Original documents, plans, designs and survey notes developed in connection with services performed hereunder belong to, and remain the property of the Party, in consideration of which it is mutually agreed that the Party will use them solely in connection with the Project and as base material for possible future projects.

SECTION VIII TERMINATION

The Party may terminate this Agreement without cause at any time by a 30-day notice in writing to the Engineer. Upon receipt of such notice, the Engineer shall, unless the notice directs otherwise immediately discontinue all services in connection with the performance of this Agreement and shall proceed to cancel promptly all existing orders and contracts insofar as such orders or contracts are chargeable to this Agreement. As soon as practical after receipt of notice of termination, the Engineer shall submit a statement showing in detail the actual services that were performed under this Agreement to date of termination, the date such services were performed and the length of time spent by each person or party engaged in performing such services on each day,

The Party shall pay the Engineer a sum of money equal to the reasonable value of the professional engineer services rendered by the Engineer to the Party in connection with the services performed under this Contract, less payments previously made by the Party to Engineer on work performed and expenses incurred by Engineer under the provisions of this Agreement. Copies of all completed or partially completed designs, plans, and specifications prepared under this Agreement shall be delivered to the Party when and if this Agreement is terminated, but subject to the restrictions as to their use, as set forth above.

Notwithstanding the above, the Engineer shall not be relieved of liability to the Party for damages sustained by the Party arising from Engineer's negligent acts, errors or omissions related to Engineer's obligations created under this Agreement.

SECTION IX COUNTY AND CITY OFFICIALS

Engineer agrees that no County or City official or Party employee shall be personally liable for any of the obligation created under this Agreement, or for any matter which may arise out of the Project, or any activities related thereto and hereby holds the Party, its political bodies and its employees harmless from and indemnifies them from any liability from any matter arising from Engineer's negligent acts, errors or omissions related to Engineer's obligations created under this Agreement.

SECTION X SUCCESSORS AND ASSIGNS

Party and Engineer each binds themselves, their partners, successors, executors, administrators, and assigns to the other party of Agreement in respect to all covenants of this Agreement. Neither the Party nor Engineer shall assign or transfer any interest in this Agreement without the written consent of the other.

SECTION XI TIME OF PERFORMANCE

The Engineer contracts and agrees to commence work within ten (10) days from the date of written authorization to proceed and will complete the preparation of the preliminary phase and estimates by ninety (90) days and will proceed upon authorization with final drawings, specifications, and contracts documents and complete same within the earliest practical time from such notice to proceed.

**SECTION XII
VENUE**

Venue and jurisdiction of any suit, right or cause of action arising under or in connection with this Contract shall lie exclusively in Hidalgo County, Texas.

**SECTION XIII
AMENDMENT**

This Agreement may be amended only by a written document executed by the parties hereto.

**SECTION XIV
COMPLIANCE WITH LOCAL LAWS**

The Engineer shall comply with all applicable laws, ordinances, and codes of the State and local governments, and the Engineer shall save the Party harmless with respect to any damages arising from any negligence of the engineer in performing any of the work embraced by this Contract.

**SECTION XV
ASSIGNABILITY**

The Engineer shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation) without the prior written consent of the Party thereof; provided however, that claims for money due or to become due to the Engineer from the Party under this Contract may be assigned to a bank, trust company, or other financial institution without such approval. Notice of any such assignment or transfer shall be furnished promptly to the Party.

**SECTION XVI
GENERAL**

- 16.1 Audit. The Party and/or any of its duly authorized representatives shall have access to any books, documents, papers, and records of the Engineer which are directly pertinent to the Project for the purpose of making the audit, examination, excerpts, and transcriptions.
- 16.2 The Engineer agrees to comply with the following Executive orders, Titles and Program Regulations, including any additional requirements that may be set forth by the Party.
- a. Title VI of the Civil Rights Act - requires that no one may be denied access to benefits from projects which receive federal assistance.
 - b. Section 109 of the Housing and Community Development Act of 1974 - Nondiscrimination related to benefits from projects funded specifically under Title I of the Act.
 - c. Section 3 of the HUD Act of 1968 - requires that maximum effort be made to provide employment, training, and business opportunities to low income families and/or residents of the project area.

- d. The Engineer shall give the United States Department of Housing and Urban Development, the Inspector General, the Comptroller General of the United States, the Auditor of the State of Texas, access to and the right to examine all books, accounts, records, reports, files, and other papers, things, or property belonging to or in use by Engineer pertaining to this Agreement. Such rights to access shall continue as long as the records are retained by Engineer. Engineer agrees to maintain such records in an accessible location for a period of three (3) years.
- e. Executive Order 11246 (paragraph a-c for contracts under \$10,000; paragraphs a-g for contracts over \$10,000) - Equal Employment Opportunity.

Executive Order 11246. Executive Order 11246 and the regulations issued pursuant thereto (24 CFR Part 130) which provides that no person shall be discriminated against on the basis of race, color, religion, sex, or national origin in all phases of employment during the performance of federal or federally assisted contracts. Such consultants or subcontractors shall take affirmative action to ensure fair treatment in employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination rates of pay or other forms of compensation and selection for training and apprenticeship.

Equal Employment Opportunity for Activities and Contracts not Subject to Executive Order 11246, as amended. In carrying out the program, the Consultant shall not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The Engineer shall take affirmative action to ensure that applicants for employment are employed and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not limited to the following: Employment, upgrading, demotion, or transfer; recruitment or other forms of compensation; and selection for training, including apprenticeship. The Engineer shall post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Government setting forth the provisions of this paragraph in all of its contracts for program work and will require all of its consultants for such work to incorporate such requirements in all subcontracts for program.

- 16.3 Interest of Certain Federal Officials: No member of or Delegate to the Congress of the United States and no Resident Commissioner, shall be admitted to any share or part of this Agreement or to any benefit to arise from the same.
- 16.4 Interest of Members, Officers, or Employees of Public Body, Member of Local Governing Body, or other Public Officials: No member, officer, or employee of the County or City, or its designees or agents, no member of the governing body of the locality in which the program is situated, and no other public official of such locality or localities who exercises any functions or responsibilities with respect to the program during his tenure or for one year thereafter, shall have any interest, direct or indirect, to be performed in connection with the program assisted under the Agreement. The Engineer shall incorporate or cause to be incorporated in all such documents in the paragraph in this Section.

SECTION XVII INSURANCE

The Engineer shall obtain and keep in force during the term of its engagement on the Project, insurance as follows:

- 17.1 A comprehensive automobile liability policy covering liability exposure to bodily injury and property damages. The Engineer shall furnish Party Certificates of Insurance showing the comprehensive automobile liability insurance policies to be in effect, commencing when Engineers commence operations under this Agreement, in the sum of Three Hundred Thousand Dollars (\$300,000.00) for bodily injury and One Hundred Thousand Dollars (\$100,000.00) for property damages.
- 17.2 Uninsured/Underinsured motorist coverage in an amount equal to the bodily injury limits set forth immediately above;
- 17.3 A Five Hundred Thousand Dollar (\$500,000.00) Comprehensive General Liability Insurance Policy providing additional coverage to all underlying liabilities of County consistent with potential exposure of County under the Texas Tort Claims Act;
- 17.4 Workers Compensation Insurance in amount established by Texas law, unless the engineer is specifically exempted from the Texas Worker's Compensation Act, Texas Labor Code Chapter 401, et. seq.
- 17.5 All insurance policies must be written by an insurance company or companies acceptable to the Party.

SECTION XVIII WARRANTY

- 18.1 Engineer represents and warrants to Owner all services rendered to Owner under this Agreement shall, at a minimum, comply with the Texas Engineering Practices Act (Tex. Civ. St. Ann., Article 3271) and rules of the Texas Board of Professional Engineers.

**SECTION XIX
EFFECTIVE DATE**

The effective date of this contract shall be May 21st, 2013. Such date being the date the County Commissioners' Court approved entering into contract with Engineer.

This Agreement is hereby approved this _____ day of _____, 20_____.

Signature: _____

Saul D. Maldonado, Principal Engineer

Firm Name: SAMES, Inc. dba Sam Engineering & Surveying

Address: 200 South Cage Road

City/ST/ZIP: Pharr, TX 78577

FED ID #/SS #: 26-2941288

STATE OF TEXAS §

§

COUNTY OF HIDALGO §

This instrument was acknowledged before me on this the ____ day of _____, 20__,
by _____ of and on behalf of _____,
(title) (a corporation)(a partnership)(a sole proprietorship)

(seal)

Notary - Signature

County of Hidalgo Urban County Program:

Witness

Diana R. Serna, UCP Director

Revised as to Form:
Atlas & Hall, L.L.P.
By Stephen L. Crain
on April 26, 2012

Exhibit “A”
(Scope of Services)

See Attached

**CITY OF PALMVIEW
URBAN COUNTY PROGRAM
2011 STREET IMPROVEMENTS PROJECTS**

**BENTSEN PALM DRIVE
BRIDGE REPAIR/RECONSTRUCTION**

April 22, 2013



SAM Engineering & Surveying, Inc.
200 South Cage Boulevard
Tel 956.702.8880; Fax 956.702.8883
Pharr, Texas 78577
REG #F-10602

RECEIVED
4/22/13

SAM Engineering and Surveying, Inc.



Reg. # F-10602

200 South Cage Boulevard Ste. A. Pharr, Texas 78577

April 22, 2013

Antonio Barco
Deputy Director
Urban County Project
1916 Tesoro Blvd.
Pharr, Texas 78577

Re: Engineering Proposal – City of Palmview - Urban County Program 2011 Street Improvements Project – Bentsen Palm Bridge

Mr. Barco

We are pleased to provide this proposal, to the Urban County Program, for providing Professional Engineering Services in relation to the proposed City of Palmview 2011 Street Improvements Project. As per our understanding of this project, the improvements consist of repairing/reconstructing the existing Bentsen Palm Drive Bridge which spans the Hidalgo County Irrigation District No. 1 Canal.

We have visited the project site and have generated a complete probable cost package for the proposed construction. Enclosed please find the following exhibits;

- Exhibit A: Scope of Services
- Exhibit B: Fee Proposal
- Exhibit C: Cost Estimate
- Exhibit D: Engineering Fee Table
- Exhibit E: Geotechnical & CMT Proposal

At your request, we will begin working on the plan design phase for this project. Project coordination meetings with your staff will be established prior to commencement and throughout the life of the project. SAMES highly skilled staff will work diligently with your staff

SAM Engineering and Surveying, Inc.



Reg. # F-10602

200 South Cage Boulevard Ste. A, Pharr, Texas 78577

Page 2 of 2
04/22/2013
Proposal-Bridge

to provide all the necessary documentation and submittals required to successfully execute this project.

The attached engineering cost estimate of \$22,435.45 which consists of engineering design fees (\$14,540.15) fees and geotechnical/construction material testing fees (\$7,895.30) **constitutes our best and final offer to complete this project.** We will commence with this project upon receipt of a written notice to proceed and are available at your earliest convenience to discuss this project.

Respectfully Submitted,

Saul D. Maldonado, P.E.
Principal

Exhibit A

Scope of Services

City of Palmview-Urban County Program
2011 STREET IMPROVEMENTS PROJECT
BENTSEN PALM DRIVE BRIDGE REPAIR/RECONSTRUCTION

This project consists of the removal of deteriorating concrete rails along the bridge deck, and the removal of deteriorating wing walls located on both embankments. The existing piles and new piles will include stone rip-rap around the existing pile base. Additionally, due to the possibility of scour on the face of the existing piles, repairs may be necessary to rehabilitate the concrete face to "like-new" condition. The deteriorating concrete rip-rap along the north and south abutments will require replacement with new concrete rip-rap. Finally, a 2-inch thick layer of hot mixed asphaltic concrete paving will be placed on top of the concrete deck and will serve as the driving surface. Guard rails with traffic delineators shall be installed on the north and south bridge approaches (both sides of street).

The basic services proposed include project planning, geotechnical, engineering design, preparation of bidding documents, bidding and award phase services.

The list below details the major components required for the project, but is not intended to be an all-inclusive list of all the services provided/required to see that the project is completed;

- a. Meet with staff to define the project limits and basic project requirements;
- b. Perform preliminary engineering design plans;
- c. Perform final engineering design plans;
- d. Prepare Bidding Documents;
- e. Coordinate with vendors for bidding;
- f. Coordinate the advertising and bidding phase;
- g. Assist the City/ucp with Pre-Bid Meeting and Bid Opening;
- h. Provide Bid Tabulation, and recommendation to award;
- i. Complete adherence to Urban County Program Protocol and requirements for project;

***SAM* Engineering and Surveying, Inc.**

200 S. Cage Blvd., Suite A, Pharr, Texas 78577 Reg #F-10602

Exhibit B
Fee Proposal

City of Palmview – Urban County Program
2011 STREET IMPROVEMENTS PROJECT
BENTSEN PALM DRIVE BRIDGE REPAIR/RECONSTRUCTION

We propose to provide the above-mentioned services for a lump sum amount of \$22,435.45, which represents an estimate of hourly services to be provided by our staff. It should be noted that the above stated line item includes several related services that are required to complete the proposed improvements and listed as follows:

Task 1: Surveying Phase Services	\$4,282.65
Task 2: Geotechnical and Construction Material Testing	\$7,895.30
Task 3: Engineering Design Plans & Specification	\$10,257.50

SAM Engineering and Surveying, Inc.

200 S. Cage Blvd, Suite A, Pharr, Texas 78577 Reg #F-10602

Exhibit C



**PROBABLE COST ESTIMATE
BRIDGE AT BENTSEN PALM DRIVE
INTERSECTION WITH EDINBURG MAIN CANAL**

22-Apr-13

**Project Location:
Bentsen Palm Drive
0.5 Mile South of
U.S. Espressway 83**

BRIDGE IMPROVEMENTS					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ITEM TOTAL
1	TRAFFIC CONTROL	1	LS	\$ 3,500.00	\$ 3,500.00
2	REMOVE EXISTING CONC RAIL SECTIONS	120	LF	\$ 50.00	\$ 6,000.00
3	REMOVE EXISTING CONC WING WALLS	4	EA	\$ 1,250.00	\$ 5,000.00
4	COFFER DAMS (TEMPORARY)(INCLUDING PUMP SYS)	1	LS	\$ 26,000.00	\$ 26,000.00
5	NEW RETROFIT SSTR RAIL (PRECAST)	120	LF	\$ 400.00	\$ 48,000.00
6	NEW CONC WING WALLS (CAST-IN-PLACE)	4	EA	\$ 5,000.00	\$ 20,000.00
7	NEW CONC RIP-RAP ALONG NORTH AND SOUTH ABUTMENT	20	CY	\$ 300.00	\$ 6,000.00
8	NEW STONE RIP-RAP AROUND EXIST PILE BASE	18	CY	\$ 200.00	\$ 3,600.00
9	MISC REPAIRS TO EXISTING PILES	1	LS	\$ 10,000.00	\$ 10,000.00
10	GUARD RAIL (BRIDGE APPROACH)	100	LF	\$ 50.00	\$ 5,000.00
11	TRAFFIC DELINEATORS	1	LS	\$ 2,000.00	\$ 2,000.00
SUB-TOTAL \$					135,100.00

Total Estimated Construction Cost

CONSTRUCTION \$	135,100.00
CONTINGENCY \$	6,755.00
SUB-TOTAL \$	141,855.00

Professional Costs

Basic Engineering Services \$	14,540.14
SUB-TOTAL \$	14,540.14

Other Associated Costs

Geo-Tech & CMT \$	7,895.30
SUB-TOTAL \$	7,895.30

PROJECT CONSTRUCTION TOTAL \$ 164,290.44

Exhibit D

HOALDO COUNTY URBAN COUNTY PROGRAM
 PROJECT TITLE: CITY OF PALMVIEW 2011 STREET IMPROVEMENTS PROJECT
 PROJECT NUMBER: ENG PROP. 12.035
 BENTSEN PALM DRIVE BRIDGE IMPROVEMENTS

ESTIMATE SUMMARY OF MAN-HOURS

PER INCREASE JUSTIFICATION (CHECK BOX)

- Project Limits Changed - Original limits are from A to B and New limits are from A to C
- New Location Added - xyz is added as a new improvement location
- Improvement Type Changed: Resurfacing has changed to Reconstruction
- Acquisition Services Added:

	ORIGINAL	PROPOSED	INCREASE
Length (ft)	100	100	0.00%
# Lanes	1	1	0.00%
Eng Fee (\$)	\$14,540.15	\$14,540.15	0.00%

TASK DESCRIPTIONS	Steps	No. of Sheets	Principal	Project Manager	Senior Engineer	Project Engineer	Design Engineer	CADD Manager	CADDERS Tech	Survey Manager	Survey Crew	Project Admin	Totals
PROJECT CONTROLS													
Develop Project Report			0.5			1.5		0.75	0.5	0.81	1.5	0.5	5.84
Internal Review (Subcontract/AMM Mgt)			0.5			1.5		0.75					3
Utility Coordination			0			1.5		0.75	1	1	1.5		5.76
Public Agency Coordination/Permits (Caltrans County/City, GLO, TH, TIGDOT, TIGEQ, USACE, etc.)			0.5			1.5		0.75	0.5				3.25
Cost Estimate Preparation per Submittal (30%, 60%, 100%)			0.5			1.5		0.75					3.25
Monthly Invoicing			0.5			1						0	10.5
QUALITY CONTROL													
Client Review of Plans and Technical Specifications													0
QA/QC Review 30% Submittal													0
QA/QC Review 60% Submittal													0
QA/QC Review 100% Submittal													0
Milestones Review Meetings with PM (30%, 60%, Final)													0
UTILITY													
Prepare Survey Request										0.6	1		1.6
Workshops to Public and Private Agencies										0.8	1		2.4
One Collection / Field Survey										1	2		4.5
Process Field Data								1.5			2		4.5
Develop Topo								1.5		0.5	2		4
GEOTECHNICAL													
Develop Geotechnical Report and Recommendations													0
ACQUISITION AND LEASING POINT													
Develop Report and Recommendations													0
ROAD PLAN MANAGEMENT AND WEILAND PROTECTION													
Develop Report and Recommendations													0
ENVIRONMENTAL PROPERTIES													
Develop Report and Recommendations													0
PLAN SHEETS													
Cover Sheet			0.25			1		0.5	1.5				3.25
Notes and Legend			0.25			1		0.5	1.5				3.25
Construction Notes, General Notes and Private Utility Company Notes			0.25			1		0.5	1.5				3.25
Typical Sections			0.25			2		0.5	2.5				3.25
Overall Layout Sheets			0.25			1		0.5	2.5				3.25
Flowing & Proposed Drainage Conditions Area Map (Localized Areas)			0.25			2		0.5	2.5				3.25
Hydraulic Calculations			0.25			2		0.5	2.5				3.25
Develop Plan, Profiles or Site Layout Sheets			0.25			2		0.5	2.5				3.25
ROADWAY AND ENVIRONMENT MONITORING PLAN													
Layouts and Details			0			2		1	1.8				4.3
PROPOSED SIGNAGE PLAN													
Overall Construction Sequencing Layout			0			2		0.5	3				6.5
Construction Sequencing Layout Sheets per Phase (Number of Phase = 1)			0			2		0.5	3				6.5
TRAFFIC SIGNALIZATION PLAN													
Existing, Proposed and Temporary Signal Layouts			0			0		0	0				0
STREET LIGHTING LAYOUT PLAN													
Layouts and Details								1					0
WATERWAY POLLUTION PREVENTION PLAN													
SWPPP Layouts and Details			0			1		0.5	1				2.5
NOI/ACT Form Preparation			0			1		0.5	1				2.5
TREE AND PLANT PROTECTION SURVEY													
Tree Treatment Schedule								0.5	1				0
Tree Details													0
UTILITY SHEETS													
Standard Details (Barricade, paving, Drainage, WWW, Electrical, Bridge, Signal, etc.)			0			1		0.5	2				3.5
Nonstandard Details			0			1		0.5	2				3.5
ROADWORK SECTIONS													
Cross Sections			0.5			1		0.5	2				4
Diversion Layouts (Intersection, etc.)			0.5			1		0.5	2				4
CONTRACT DOCUMENTS													
Assemble Form Bid			0			1							1
Drawings and Assemblies Technical Specifications			0			1							1
BIDDING SERVICES													
Prepare Bid Advertisement/Coordinate with Newspaper/Contact potential Bidders			0.25			1							1.25
Addressing Bid Questions			0.25			1							1.25
Prepare and Issue Addenda			0.25			1							1.25
Conduct Bid opening / Open and Tabulate Bids			0.25			1							1.25
Conduct Meeting for Contract Award			0.5			0							0.5
CONSTRUCTION PHASE SERVICES													
Prepare Construction Award Documents			0.25			1							1.25
Pre-Construction Conference			0.5			1							1.5
Monitor Site Observations			0.25			12							14
Contractor Submittal Reviews			0.25			2							2.25
Contractor Pay Request Reviews			0.25			1							1.25
UTILITY IN-CITY SERVICES													
Construction Closeout			1			2		1	0.5	2	10		16.5
Submit As-Built Plans			1			1		1.5	2				16.5
SUBTOTAL													
	0	12.25	0	0	0	38.6	0	16.25	36	19.11	36	0.6	183.61
LOADING RATES													
Loaded Hourly Rates			150.00			100.00		50.00	40.00	115.00	80.00	25.00	
General Labor			1,837.50			3,860.00		812.50	1,420.00	1,182.50	3,120.00	237.50	10,840.15
Expenses (Printing, Message, Postal, Printing, Copies and Other Direct Expenses)													
TOTAL ESTIMATE													
	0	1,837.50	0	0	0	3,860.00	0	812.50	1,420.00	1,182.50	3,120.00	237.50	14,840.15

* Note: No temporary signs anticipated the project

