

CITY CLERK DEPT
2019 JAN 16 PM 4:31

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: Capital Improvement

AGENDA DATE: January 22, 2019

CONTACT PERSON/PHONE: Sam Rodriguez, City Engineer, (915) 212-1845

DISTRICT(S) AFFECTED: All

STRATEGIC GOAL 1: Create and Environment Conducive to Strong, Sustainable, Economic Development

SUBJECT:

A resolution that the City Manager be authorized to sign the third amendment to the Agreement for Professional Services Contract by and between the City of El Paso and Meridian Green Works, LLC., a Texas corporation, for a project known as **"EL PASO INTERNATIONAL AIRPORT TERMINAL ARCHITECTURAL AND LANDSCAPE ENHANCEMENTS"**, for an amount not to exceed One Hundred Six Thousand Five Hundred Eighty Six AND 00/100 DOLLARS (**\$106,586.00**); for a total contract amount not to exceed Six Hundred Seventeen Thousand Six Hundred Eleven AND 00/100 DOLLARS (\$617,611.00); and that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this agreement. Funding source: Airport Enterprise Funds

BACKGROUND / DISCUSSION:

Meridian Green Works was awarded "EPIA Terminal Architectural and Landscape Enhancements" on April 19, 2016 for a total of: \$360,000.00. The first amendment to the professional services agreement was awarded on March 7, 2017 for \$70,775.00. The second amendment to the professional services agreement was awarded on October 31, 2017 for \$80,250.00

This is the third amendment to the professional services agreement. The total cost for additional services is \$106,586.00. The additional services include the design of a traffic circle needed to support the installation for the Sun Metro Montana RTS Station located on Airport property.

SELECTION SUMMARY:

PROTEST

☒ No protest received for this requirement.

☐ Protest received.

COUNCIL REPRESENTATIVE BRIEFING:

Was a briefing provided? ☐ Yes or ☒ Not Applicable (Routine)
If yes, select the applicable districts.

☐ District 1

- ☐ District 2
- ☐ District 3
- ☐ District 4
- ☐ District 5
- ☐ District 6
- ☐ District 7
- ☐ District 8
- ☒ All Districts

CITY CLERK DEPT
19 JAN 16 PM 4:31

PRIOR COUNCIL ACTION:

April 19, 2016 Award of Agreement of Professional Services to Meridian Green Works LLC in the amount of \$360,000.00

March 7, 2017 Award of the Amendment to the Agreement of Professional Services in the amount of \$70,775.00

October 31, 2017 Award of the Second Amendment to the Agreement of Professional services in the amount of \$80,250.00

AMOUNT AND SOURCE OF FUNDING:

Airport Enterprise Funds

562-3010-62335-580160-PAP00830

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:

Michael J. [Signature] For Sam Rodriguez
Michael Vonasok

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

That the City Manager be authorized to sign a Third Amendment to Agreement for Professional Services by and between the City of El Paso and **MERIDIAN GREEN WORKS, LLC.**, a Texas Limited Liability Company, for a project known as “**EL PASO INTERNATIONAL AIRPORT TERMINAL ARCHITECTURAL AND LANDSCAPE ENHANCEMENTS**”, for additional services for design and construction administration for an additional amount not to exceed One Hundred Six Five Hundred Eighty Six and 00/100 Dollars (\$106,586.00), for a total contract amount not to exceed Six Hundred Seventeen Thousand Six Hundred Eleven and 00/100 Dollars (\$617,611.00); and that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for execution of this agreement.

ADOPTED THIS _____ DAY OF _____ 2019.


CITY OF EL PASO:

Dee Margo, Mayor

ATTEST:


Laura D. Prine
City Clerk

APPROVED AS TO FORM:



Sol M. Cortez
Senior Assistant City Attorney

APPROVED AS TO CONTENT:



Samuel Rodriguez, P.E., City Engineer
Capital Improvement Department

THE STATE OF TEXAS)
)
COUNTY OF EL PASO)

**THIRD AMENDMENT
AGREEMENT
FOR PROFESSIONAL SERVICES**

This Third Amendment to that certain Agreement for Professional Services is made this 22 day of January, 2019, by and between the City of El Paso, a Texas municipal corporation (the "*Owner*"), and Meridian Green Works LLC., (the "*Consultant*").

WHEREAS, on April 19, 2016, the Owner entered into an Agreement for Professional Services for (the "*Agreement*") with the Consultant for a Project known as "EPIA Terminal Architectural and Landscape Enhancements " (the "*Project*");

WHEREAS, the Agreement may be amended under the provisions of Section 3.2 and Attachment "C"; and

WHEREAS, on March 7, 2017, the Owner and Consultant entered into a First Amendment to the Agreement to provide additional services for design and construction administration at an additional cost of \$70,775.00 thereby extending the contract amount from \$360,000.00 to \$430,775.00 ; and

WHEREAS, on October 31, 2017, the Owner and Consultant entered into the Second Amendment to the Agreement to provide additional services for design and construction administration at an additional cost of \$80,250.00 thereby extending the contract amount from \$430,775.00 to \$511,025.00; and

WHEREAS, the parties hereto further desire to amend the Agreement to provide additional services for design and construction administration at an additional cost of \$106,586.00, thereby extending the contract amount from \$511,025.00 to \$617,611.00.

NOW THEREFORE, in consideration of the mutual promises set forth in this Amendment and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. **Scope of Services.** The Owner hereby authorizes the Consultant to continue to perform the Services as described in Attachment "A" of the Agreement as well as perform the additional services as further described in Attachment "A" to this Third Amendment.
2. **Payments to Consultant.** Payments to the Consultant shall be made pursuant to the schedule enumerated within Attachment "D" of the Agreement. Payment to the Consultant for the additional services the subject of this Third Amendment shall not exceed \$106,586.00.

3. **Time of Completion.** The additional services the subject of this Third Amendment shall be completed within the original project schedule as set forth in the Agreement, following the Owner's written Notice to Proceed to the Consultant.
4. **Terms and Conditions.** All terms and conditions of the Agreement and all subsequent Amendments thereto, except as herein revised, shall remain in full force and effect.

WITNESS THE FOLLOWING SIGNATURES AND SEALS:


THE CITY OF EL PASO

Tomás González,
City Manager

CONSULTANT


H. Wayne Cooper, ASLA, AICP
President Meridian Green Works

APPROVED AS TO FORM:



Sol M. Cortez
Senior Assistant City Attorney

APPROVED AS TO CONTENT:



Sam Rodriguez, P.E., City Engineer
Capital Improvement Department

ACKNOWLEDGEMENTS

THE STATE OF TEXAS §
 §
COUNTY OF EL PASO §

 This instrument was acknowledged before me on this ____ day of _____, 2019,
by **Tomás González**, as **City Manager of the City of El Paso, Texas**.

Notary Public, State of Texas

My commission expires:

THE STATE OF TEXAS §
 §
COUNTY OF EL PASO §

 This instrument was acknowledged before me on this ____ day of _____, 2019,
by **H. Wayne Cooper**, as **President of Meridian Green Works**.

Notary Public, State of Texas

My commission expires:

ATTACHMENT "A"

Scope of Additional Professional Services
EPIA TERMINAL LANDSCAPE ARCHITECTURAL ENHANCEMENTS
Parking Lot/Terminal Drive Roundabout Revisions

El Paso, Texas

The additional services scope of work for this project includes revisions to Final Construction Documents at the request of EPIA staff, to add a BRIO bus stop adjacent to the short-term parking lot toll booth, including a revised alignment for Terminal Drive to accommodate the bus stop, which includes a roundabout, revisions to adjacent airport and hotel drives, parking lots and exits, revisions to existing and proposed lighting improvements, revisions to existing and proposed pedestrian pavements, and revisions to existing and proposed landscape and irrigation improvements to accommodate the BRIO bus stop and drive realignment, as well as preparation of preliminary designs for landscape, irrigation and lighting improvements around the BRIO bus stop, for use by the bus stop design team to provide final landscape and irrigation improvements plans for the bus stop improvements. This additional scope of services also includes providing locations & designs for exercise equipment adjacent to pedestrian walks within the airport property.

PROJECT ASSUMPTIONS

The scope of services for this proposal has been prepared using the following assumptions as a basis for its preparation:

1. The project assumptions in effect for the original scope of work and contract with EPIA for the Terminal Landscape Architectural and Lighting Improvements project will remain in effect unless modified by this new scope of work.
2. The conceptual plan prepared by Moreno Cardenas, Inc., for the area around the bus stop and the driveway that resembles a round-about at the exit to the short-term parking area will be used as the basis for design improvements for this project re-design effort.

INFORMATION TO BE SUPPLIED BY THE CITY OF EL PASO

The following items will be provided by EPIA to the design team:

1. Data supplied and required as a part of the original scope of work and contract with EPIA for the Terminal Landscape Architectural and Lighting Improvements project will remain in effect unless modified by this new scope of work.
2. EPIA will provide information and direction regarding the improvements to be included within the center of the round-about prior to the commencement of design activities for the bus stop and roadway redesign efforts.

SCOPE OF SERVICES

The Additional Services for this project are defined as follows:

A. Project Start-Up/Management and Data Gathering

1. Attend a project kick-off meeting, confirm the concept plan with EPIA, visit the project site to document pertinent information, review existing plans to evaluate the magnitude of the effects of the proposed changes to the current plans, and coordinate with EPIA staff regarding implementation of the desired design changes.

B. Additional Topographic Survey Activities

1. Collect and provide additional topographic survey information for the design of the bus stop and revised roadway layout, including affected areas along Terminal Drive South, adjacent, existing hotel parking areas, and new parking areas behind the adjacent, existing hotel, and tie the additional survey information into the vertical and horizontal control system currently in use around the airport.

C. Additional Design Activities, and Revisions to Current Plans.

1. Coordinate and review with EPIA staff and update the current conceptual layout for the roadway and parking revisions and alignments.
2. Provide plans for a revised alignment for Terminal Drive to accommodate a new BRIO bus stop, along with changes to Terminal Drive that includes a roundabout, revisions to adjacent airport and hotel drives, parking lots and exits, address utility conflicts and work with utility companies to resolve conflicts and find solutions, address revisions to existing and proposed lighting improvements, revisions to existing and proposed pedestrian pavements, and revisions to existing and proposed landscape and irrigation improvements to accommodate the BRIO bus stop and drive realignment.
3. Provide preliminary revised roadway and parking lot paving plans, as well as revised pedestrian pavements plans, revisions to existing signage; layout and grading plans; storm drainage plans, pavement marking plans, traffic control plans, pavements and markings plans, construction details; landscape and irrigation plans; revisions to site furnishings plans; revisions to electric power and lighting plans (including modification of the electric service near the Horseman statue to provide additional power for the an art piece in the new round about), and revisions to the SW3P plans for the project. Provide plans to locate exercise equipment on the airport property.
 - a. Meet with EPIA staff to discuss proposed project revisions and utilize their comments to prepare Final plans for revised project improvements.
4. Provide final revised roadway and paving plans, including layout and grading plans; storm drainage plans, pavement marking plans, traffic control plans, pavements and markings plans, construction details; landscape and irrigation plans, including revisions to site furnishings plans; electric power and lighting plans, and revisions to the SW3P plans for the project. Provide final plans to locate exercise equipment on the airport property.

D. Construction Phase Services

1. Assist EPIA staff with the project management during the construction phase, by attending construction meetings, provide clarifications to the plans; review project submittals and shop drawings; respond to RFI's, and meet onsite during construction, and prepare a punch list for project improvements.

E. Fee Schedule

Consultant fees for this project are based on a lump sum amount for tasks identified as a part of the project. Efforts will be invoiced monthly, on a percent complete basis. Maximum fee amounts will not be exceeded without prior approval from the city of El Paso.

Additional Topographic Survey.....	\$ 22,050
Start-Up & Data Gathering.....	\$ 3,730
Concept Plan Review/Update.....	\$ 4,960
Preliminary Plans.....	\$ 36,196
Final Plans.....	\$ 33,626
<u>Additional Construction Phase Services</u>	<u>\$ 6,024</u>
TOTAL ADDITIONAL SERVICES FEE	\$106,586

Task Listing / Fee Summary

October 31, 2018

**EPIA Terminal Landscape Architecture & Lighting Improvements
Additional Services Request-BRIO Bus Stop & Roundabout**

	Meridian Green Works	Bath Group	MCI	Barragan					TOTAL FEE COST
Activity Description (fees)									
Additional Topographic survey				22,050					22,050.00
Start-Up & Data gathering	3,430	300							3,730.00
MCI Task 100			11,675						
Concept Plan Review	2,360	300	5,156						4,960.00
Preliminary Plans	8,830	5,700	21,666						36,196.00
Final Plans	6,260	5,700	21,666						33,626.00
Construction Phase Services			6,024						6,024.00
GRAND TOTAL	\$20,880	\$12,000	\$66,187	\$22,050	\$0	\$0			106,586.00

Task Listing / Fee Summary

EPIA Terminal Landscape Architecture & Lighting Improvements Meridian Green Works Fees-18-1031-BRIO Bus Stop & Roundabout

PERSONNEL / DESCRIPTION / RATE LEGEND

Billable Rates This Line			\$170	\$135	\$110	\$75	\$40	Fee Costs	Expenses		Totals
			Project Manager Landscape Architect	Senior Landscape Architect	Project Landscape Architect	Jr. LA / CAD Tech	Clerical				
Scope Item	Activity Description		Personnel Hours								
A	Project Start-Up										
	Kick Off Mtg		4					\$680.00	\$400.00	travel expenses	
	Data Assembly/ Initial Base Map		0		0	0		\$0.00			
	Meeting Note Prep		2					\$340.00			
	Total Hours		6	0	0	0	0	6			
	Total This Scope Item		\$1,020	\$0	\$0	\$0	\$0	\$1,020.00	\$400.00		\$1,420.00
B	Data Gathering Site Investigation										
1	Field Reconnaissance		0					\$0.00			
2	Base Map Preparation		4					\$680.00		Reimbursables	
3	Conditions / Plan Review/Site Analysis							\$0.00			
4	Meetings/Coordination w/staff		4					\$680.00	\$650.00	travel expenses	
	Total Hours		8	0	0	0	0	8			
	Total This Scope Item		\$1,360	\$0	\$0	\$0	\$0	\$1,360.00	\$650.00		\$2,010.00
E	Conceptual Plan Review										
1	Prelim. Plans		4			8		\$1,280.00		travel expenses	
2	Prelim Cost Estimates		2					\$250.00		reproducibles	
3	Staff Meeting		2					\$340.00	\$400.00	travel expenses	
	Total Hours		8	0	0	8	0	16			
	Total This Scope Item		\$1,360	\$0	\$0	\$600	\$0	\$1,960.00	\$400.00		\$2,360.00
G	Preliminary Design Plans										
1a	Landscape/Hardscape designs		18			16		\$4,260.00			
1b	Irrigation system designs		8			16		\$2,560.00			
3	Staff Meeting		8					\$1,360.00	\$650.00	travel expenses	
	Total Hours		34	0	0	32	0	66			
	Total This Scope Item		\$5,780	\$0	\$0	\$2,400	\$0	\$8,180.00	\$650.00		\$8,830.00
H	Final Design Plans										
5a-d	Amenities/hardscape Plans		12			8		\$2,640.00			
8	Landscape / Irrigation PLans		16			12		\$3,620.00			
	Total Hours		28	0	0	20	0	48			
	Total This Scope Item		\$4,760	\$0	\$0	\$1,500	\$0	\$6,260.00	\$0.00		\$6,260.00
	GRAND TOTAL		\$14,280.00	\$0.00	\$0.00	\$4,500.00	\$0.00	\$18,780.00	\$2,100.00		\$20,880.00

SCOPE OF SERVICES TASKS		Senior Engineer		Project Manager		Engineering Associate		CADD	Admin		Totals	
		Hours	\$251.57	Hours	\$166.88	Hours	\$92.41	Hours	\$61.61	Hours	\$74.44	Hours Cost
TASK 100 - PROJECT MANAGEMENT												
100.1	Attend project initiation/kickoff meeting.	0	\$0.00	2	\$333.72	2	\$184.82	0	\$0.00	0	\$0.00	4 \$518.54
100.2	Conduct two progress meetings one each at the mid-point of each design phase and prepare minutes of meetings.	0	\$0.00	4	\$667.44	8	\$739.28	0	\$0.00	4	\$297.76	16 \$1,704.48
100.3	Contract administration and management duties and prepare monthly progress reports and invoices.	0	\$0.00	8	\$1,334.88	0	\$0.00	0	\$0.00	16	\$1,191.04	24 \$2,525.92
100.6	Implement MCi's Quality Control and Quality Assurance (QA/QC) Procedures prior to each design submittal and other project deliverables.	16	\$4,025.12	6	\$1,001.16	12	\$1,108.92	0	\$0.00	8	\$595.52	42 \$6,730.72
SUBTOTALS:		16	\$4,025.12	20	\$3,337.20	22	\$2,033.02	0	\$0.00	28	\$2,084.32	86 \$11,479.66
TASK 200 - DESIGN PHASE(S)												
200.1	Update the conceptual layout of the proposed traffic circle, pavement markings along Terminal S. Drive, and parking lot expansion and conduct an "over-the-shoulder" review with EPIA staff to confirm limits and scope of the proposed improvements prior to proceeding with the preparation of preliminary plans.	0	\$0.00	8	\$1,334.88	24	\$2,217.84	0	\$0.00	0	\$0.00	32 \$3,552.72
200.2	Identify existing utilities and potential conflicts, work with utilities for solutions/adjustments to resolve conflicts.	0	\$0.00	4	\$667.44	8	\$739.28	0	\$0.00	0	\$0.00	12 \$1,406.72
200.3	Prepare plans for the above improvements to include: title and index sheet, project layout, general notes, construction sequence, typical traffic control sections, traffic control detour(s), horizontal alignment data and layout (traffic circle), site plan (parking lot expansion), grading plans (traffic circle & parking lot expansion), pavement markings and signage (Terminal S. Drive), typical sections, and special/standard details. Amend the Contract's storm water pollution prevention plan (SW3P) to reflect the additional work areas. The plans will be incorporated into the project contract documents (CDs) thus, the CDs will need to be updated accordingly.	0	\$0.00	44	\$7,341.84	198	\$18,297.18	198	\$12,198.78		\$0.00	440 \$37,837.80
200.4	Excludes any updates to the CDs specifications.	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0 \$0.00
200.5	Develop design in two phases: preliminary and final; accordingly, prepare packages for submittal to EPIA; attend review meetings with EPIA staff after each submittal/review to receive comments; prepare minutes of meetings; address comments.	0	\$0.00	4	\$667.44	16	\$1,478.56	48	\$2,957.28	0	\$0.00	68 \$5,103.28

SCOPE OF SERVICES TASKS	Senior Engineer		Project Manager		Engineering Associate		CADD		Admin		Totals	
	Hours	\$251.57	Hours	\$166.86	Hours	\$92.41	Hours	\$61.61	Hours	\$74.44	Hours	Cost
200.6 After approval of the final design documents, assist EPIA staff and MGW in reviewing contractor's cost proposal and make recommendations for cost adjustments and/or acceptance - excluded, these services will be performed by EPIA's CM.	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
SUBTOTALS:	0	\$0.00	60	\$10,011.60	246	\$22,732.86	246	\$15,156.06	0	\$0.00	552	\$47,990.52
TASK 300 - CONSTRUCTION ADMINISTRATION PHASE												
300.1 Perform construction administration and management duties; prepare monthly progress reports and invoices for a period of up to 6 months.	0	\$0.00	4	\$667.44	0	\$0.00	0	\$0.00	4	\$297.76	8	\$965.20
300.2 Attend certain construction meetings and perform site visit(s). Includes 6 combined meetings/visits.	0	\$0.00	0	\$0.00	12	\$1,108.92	0	\$0.00	0	\$0.00	12	\$1,108.92
300.4 Review project submittals and shop drawings.	0	\$0.00	2	\$333.72	8	\$739.28	0	\$0.00	4	\$297.76	14	\$1,370.76
300.6 Clarifications/interpretations of contract documents through supplementary information - excluded.	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
300.7 Respond to up to 2 Requests for Information (RFI's) from Contractor.	0	\$0.00	4	\$667.44	4	\$369.64	0	\$0.00	2	\$148.88	10	\$1,185.96
300.8 Any services related to project change orders are excluded.	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
300.9 Attend substantial and final completion walkthroughs. Prepare punch list items.	0	\$0.00	0	\$0.00	4	\$369.64	0	\$0.00	0	\$0.00	4	\$369.64
300.10 Prepare reproducible set of record drawings.	0	\$0.00	2	\$333.72	0	\$0.00	8	\$492.88	0	\$0.00	10	\$826.60
SUBTOTALS:	0	\$0.00	12	\$2,002.32	28	\$2,587.48	8	\$492.88	10	\$744.40	58	\$5,827.08
SUBTOTALS:	16	\$4,025.12	92	\$15,351.12	296	\$27,353.36	254	\$15,648.94	38	\$2,828.72	696	\$65,207.26

TOTAL LABOR \$65,207.26

DIRECT COSTS \$977.00

SUBCONSULTANTS	
	\$0.00
	\$0.00
	\$0.00
	\$0.00

TOTAL SUBS \$0.00

10% on Subs \$0.00

TOTAL LUMP SUM FEE \$66,184.26

DIRECT COSTS	UNIT	BILLING RATE	QTY	TOTAL
Mileage	mile	\$0.54	300	\$162.00
Copying	page	\$0.10	900	\$90.00
Plotting (24 x 36)	sheet	\$10.00	50	\$500.00
Reproduction (Full Size)	sheet	\$0.60	0	\$0.00
Reproduction (Specs)	sheet	\$0.15	0	\$0.00
Printing	sheet	\$0.30	750	\$225.00
Photos	each	\$1.00	0	\$0.00
TOTAL				\$977.00

3099 EPIA Terminal Architectural and Landscape Enhancements				Tuesday, September 25, 2018		
Meridian Green Works, LLC						
Activity Type/ Task	Type	Hours	Resource Hours/ Units	Billing Rate	Contract	Resource Contract
Add Service for roundabout at ticketing		76.0			12,000	
Marketing						
Electrical Design for power at roundabout and relocate light poles		50.0	50.0		9,735	9,735
Labor	Sr. Engineer P.E.		50.0	194.70		9,735
CAD		26.0	26.0		2,145	2,145
Labor	CAD Technician		26.0	82.50		2,145
Expenses					120	120
Expense						120

BARRAGAN & ASSOCIATES

Land Planning & Land Surveying
(31° 44' 58.14" N 106° 19' 50.72" W)

Date: || September 20, 2018 ||

Job No.: ||

Location: || PROJECT - EPIA RTS SATION ||



10950 Pellicano Building F
El Paso, Texas 79935
(915) 591-5709 Fax (915) 591-5708



Description	Professional Code	Units	UOM	Rate	Amount
Professional					
Expert Witness (Surveying Discipline)	12	3.00	Hour	\$ 250.00	\$ 750.00
Project Manager	16	6.00	Hour	\$ 120.00	\$ 720.00
Survey Manager	20	2.00	Hour	\$ 115.00	\$ 230.00
Project Surveyor	22	2.00	Hour	\$ 95.00	\$ 190.00
Technical					
Senior Survey Technician	24	6.00	Hour	\$ 100.00	\$ 600.00
Survey Technician	28	3.00	Hour	\$ 78.00	\$ 234.00
Field Project Representative	32	3.00	Hour	\$ 75.00	\$ 225.00
CADD Technician	36	70.00	Hour	\$ 52.00	\$ 3,640.00
Administrative					
Admin. Assistant	40	2.00	Hour	\$ 45.00	\$ 90.00
Word Processing/Clerk	44	2.00	Hour	\$ 40.00	\$ 80.00
GPS Technician					
GPS Crew (Regular Rate)	48	8.00	Hour	\$ 150.00	\$ 1,200.00
GPS Crew (Overtime Rate)	52		Hour	\$ 110.00	\$ -
Field Survey Crews					
Two Man (Regular Rate)	56	80.00	Hour	\$ 150.00	\$ 12,000.00
Two Man (Overtime Rate)	60		Hour	\$ 176.00	\$ -
Three Man (Regular Rate)	64		Hour	\$ 150.00	\$ -
Three Man (Overtime Rate)	68		Hour	\$ 216.00	\$ -
Subtotal Labor					\$ 19,959.00
Sub Consultants					
Subcontract - Engineer	70		Contract	\$ 100.00	\$ -
Subcontract - Soil Services/Testing	74			\$ 100.00	\$ -
Subcontract - Aerial Mapping	78			\$ 100.00	\$ -
Subcontract - Elect/Mech	82			\$ 100.00	\$ -
Subcontract - Other	86			\$ 100.00	\$ -
Subtotal Subs					\$ -
Direct Costs					
Mileage (Personal Vehicle)	90		mile	\$ 0.585	\$ -
Mileage (Survey Crew)	94	100.00	mile	\$ 0.88	\$ 88.00
Reproduction-photocopies	98		each	\$ 0.11	\$ -
Reproduction-Blacklines	102		each	\$ 5.00	\$ -
Reproduction-Bond	106		each	\$ 7.00	\$ -
Reproduction-Vellum	110		each	\$ 9.00	\$ -
Reproduction-Mylars	114		each	\$ 12.00	\$ -
Legal Research/Title Commitment	118		(by Client)	\$ -	\$ -
Postage/Delivery	122			\$ -	\$ -
Supplies	126			\$ -	\$ -
Telephone/Cell Phone	130			\$ -	\$ -
Meals & Lodging	134			\$ -	\$ -
Travel	138			\$ -	\$ -
GPS Time	142			\$ -	\$ -
Line Spots	146			\$ 80.00	\$ -
Lidar - scanner	148				\$ -
Misc					\$ -
Subtotal Non Labor					\$ 88.00
Total * All					\$ 20,047.00
If Lump Sum or NTE, Add 10%					0.10
Total * All					\$ 2,004.70
Subtotal					\$ 22,051.70
Rate					0.00%
Texas Taxes					\$ -
Taxable Amount:					\$ 22,051.70
Proposal Total					\$ 22,051.70

