Fee Summary and Timeline for Design Phase Services

Project Name: CoSA - HOWARD W PEAK GREENWAY TRAILS SYSTEM ADDITIONAL SERVICES - ROGERS RANCH SEGMENT

Date: APRIL 14, 2016

		Timeline	1	
		in Calendar		
	Activity	Days		Fee
Eng	ineering Services Phase - Project Initiation			
1.	Bain Medina Bain, Inc.		\$	40,183.50
2.	Landscape Subconsultant		\$	833.00
3.	Structural Subconsultant		\$	-
4.	MEP Subconsultant		\$	-
5.	Environmental & Archaeological Engineering Subconsultant		\$	-
6.	Geotechnical Subconsultant		\$	-
	Engineering Services Phase Project Initiation Subtotal		\$	41,016.50
Sch	ematic Design Phase	90		
1.	Bain Medina Bain, Inc.		\$	54,236.00
2.	Landscape Subconsultant		\$	4,352.00
3.	Structural Subconsultant		\$	-
4.	MEP Subconsultant		\$	-
5.	Environmental & Archaeological Engineering Subconsultant		\$	-
ŝ.	Geotechnical Subconsultant		\$	-
	Schematic Design Phase Subtotal		\$	58,588.00
Cor	nstruction Document Basic Services	90	1	
<u>l.</u>	Bain Medina Bain, Inc.		\$	25,288.00
2.	Landscape Subconsultant		\$	-
3.	Structural Subconsultant		\$	-
4	MEP Subconsultant		\$	-
5.	Environmental & Archaeological Engineering Subconsultant		\$	-
6.	Geotechnical Subconsultant		\$	
_	Construction Document Basic Services		\$	25,288.00
Cor	struction Drawing Submittals 50% Design Phase Services	90		
1.	Bain Medina Bain, Inc.		\$	52,431.00
2.	Landscape Subconsultant		\$	8,588.00
3.	Structural Subconsultant		\$	7,798.28
4.	MEP Subconsultant		\$	5,000.00
5. 6.	Environmental & Archaeological Engineering Subconsultant Geotechnical Subconsultant		\$	-
0.				
	Construction Drawing Submittals 50% Design Phase Services	00	\$	73,817.28
COL	nstruction Drawing Submittals 95% Design Phase Services	90	•	27 002 5
1. 2.	Bain Medina Bain, Inc. Landscape Subconsultant		\$	37,992.50
3.	Structural Subconsultant		\$	6,637.00 2,546.50
3. 1	MEP Subconsultant		\$	7,700.00
4. 5.	Environmental & Archaeological Engineering Subconsultant		\$	7,700.00
6.	Geotechnical Subconsultant		\$	_
	Construction Drawing Submittals 95% Design Phase Subtotal		\$	54,876.06
Cor	nstruction Drawing Final Submittal Phase Services	30	Ψ	34,070.00
1	Bain Medina Bain, Inc.	- 30	¢	13 370 00
2	Landscape Subconsultant		\$	13,370.00
3	Structural Subconsultant		\$	
3. 4.	MEP Subconsultant		\$	
1 . 5.	Environmental & Archaeological Engineering Subconsultant		\$	
5. 6.	Geotechnical Subconsultant		\$	-
	Construction Drawing Final Submittal Phase Subtotal		\$	13,370.00
Con	nstruction Drawing Bidding Submittal Phase Services	365	Ψ	13,370.00
	Bain Medina Bain, Inc.	303	\$	13,612.00
1. 2.	Landscape Subconsultant		\$	1,340.00
	Structural Subconsultant		\$	1,040.00
3	MEP Subconsultant		\$	-
			\$	
4.	Environmental & Archaeological Engineering Subconsultant		\$	-
1. 5.	Environmental & Archaeological Engineering Subconsultant Geotechnical Subconsultant			
4. 5.	Geotechnical Subconsultant			14 052 04
1. 5. 3.	Geotechnical Subconsultant Construction Drawing Bidding Submittal Phase Subtotal	365	\$	14,952.00
4. 5. 6. Cor	Geotechnical Subconsultant Construction Drawing Bidding Submittal Phase Subtotal astruction Phase	365	\$	
4. 5. 6. Cor 1.	Geotechnical Subconsultant Construction Drawing Bidding Submittal Phase Subtotal Instruction Phase Bain Medina Bain, Inc.	365	\$	16,773.00
4. 5. 6. Cor 1.	Geotechnical Subconsultant Construction Drawing Bidding Submittal Phase Subtotal Instruction Phase Bain Medina Bain, Inc. Landscape Subconsultant	365	\$ \$ \$	16,773.00 3,685.00
1. 2. 3.	Geotechnical Subconsultant Construction Drawing Bidding Submittal Phase Subtotal Instruction Phase Bain Medina Bain, Inc. Landscape Subconsultant Structural Subconsultant	365	\$ \$ \$ \$	16,773.00 3,685.00
4. 5. 6. Cor 1.	Geotechnical Subconsultant Construction Drawing Bidding Submittal Phase Subtotal Instruction Phase Bain Medina Bain, Inc. Landscape Subconsultant	365	\$ \$ \$	14,952.00 16,773.00 3,685.00 3,135.00

Bain Medina Bain Confidential Page 1 of 6

Construction Phase Subtotal	\$	23,593.00
Evaluation of the Work		
1. Bain Medina Bain, Inc.	\$	38,376.00
Landscape Subconsultant	\$	-
Structural Subconsultant	\$	-
4. MEP Subconsultant	\$	-
Environmental & Archaeological Engineering Subconsultant	\$	-
6. Geotechnical Subconsultant	\$	-
Evaluation of the Work Subtotal	\$	38,376.00
Substantial Project Completion Phase		
1. Bain Medina Bain, Inc.	\$	15,198.50
Landscape Subconsultant	\$	-
Structural Subconsultant	\$	-
4. MEP Subconsultant	\$	-
Environmental & Archaeological Engineering Subconsultant	\$	-
6. Geotechnical Subconsultant	\$	-
Substantial Project Completion Phase Subtotal	\$	15,198.50
Additional Subconsultant Participation Services		•
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Environmental & Archaeological Engineering Subconsultant	\$	58,799.64
Geotechnical Subconsultant	\$	6,750.00
Additional Subconsultant Participation Services Subtotal	\$	65,549.64
Additional Services		
Bain Medina Bain, Inc.		
a. Drainage Study	\$	14,553.00
b. Stormwater Management Report	\$	7,942.00
Additional Services Subtotal	\$	22,495.00
Additional Services - Water Pollution Abatement Plan		•
Landscape Subconsultant	\$	40,650.00
Additional Services WPAP Subtotal	\$	40,650.00
Surveying Services		,
Bain Medina Bain, Inc.	\$	108,564.00
		· ·
Surveying Services Subtotal	\$	108,564.00
BMB Subtotal	\$	438,519.50
Subconsultant Participation Structural Subconsultant	I ¢	13,479.84
Landscape Subconsultant	\$ \$	66,085.00
MEP Subconsultant	\$	12,700.00
Environmental & Archaeological	\$	58,799.64
Geotechnical Subconsultant	\$	6,750.00
Subconsultant Subtotal	\$	157,814.48
SUBTOTAL FEE	\$	596,333.98
PRINTING & MISCELLANOUS	\$	10,556.02
TOTAL	\$	606,890.00
TOTAL	Ι Ψ	000,030.00
Additional Survey Services For Easements		
A Easements - Roger's Ranch	\$	5,846.00
B Easements - Salado North	\$	7,264.00
Additional Survey Services	\$	13,110.00

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HOWARD W PEAK (GREENWAY TRAILS) PROGRAM - ROGERS RANCH SEGMENT ESTIMATED LEVEL OF EFFORT 03/02/16 ADDITIONAL SERVICES - APRIL 14, 2016 Total Labor hrs. DETAILED DESIGN PHASE SERVICES

3.1 A.	PROJECT INITIATION REVIEW AND BRIEFING OF SCOPE Attend Scope Development & Project Initiation Meeting	1.0	1.0		I			I			2.0	\$ 300.0
B. 3.2	Revise Scope, as needed Subtotal Cost: TDLR REVIEW AND COMPLIANCE	2.0	8.0	4.0		1.0					15.0	\$ 1,841.0 \$ 2,141.0
A. B.	Prepare TDLR Forms and Request TDLR Review Fee from Owner (TDLR FEES: \$850.00 for REVIEW, plus \$725.00 for INSPECTION = \$1,575.00) Submit Project Documents for TDLR Review		1.0		0.5	1.0 0.5					3.0 1.0	\$ 286.0
C. D. E.	Revise Plans per Comments, as necessary Request TDLR Inspection Attend TDLR Inspection		0.5 1.5	3.0	0.5	0.5 0.5					4.0 1.0 3.0	\$ 375.0 \$ 97.8 \$ 343.8
F. 3.3	Provide Contractor Punchlist of Items to be Addressed, if necessary Subtotal Cost: CONSULTANT RESPONSIBILITY		0.5	1.0		0.5					2.0	\$ 196.9 \$ 1,376.9
A. B.	Review Project Jurisdictions and Expected Reviewing Agencies Contact and Gather Points of Contacts and Submittal Requirements Subtotal Cost:	1.0	3.0 1.0	2.0		2.0					4.0 5.0	\$ 560.0 \$ 458.0 \$ 1,018.0
3.4 A.	CONSULTANT, CONTRACTOR, AND CITY COORDINATION Consultant Authority Modification, Processing, and Team Notification Subtotal Cost:										0.0	\$ -
3.5 A. B.	SITE VISITS / MEETINGS Project Initiation (1 Site Walk-thru with Design Team) Schematic (3 Site Visits, 1 Site Meeting with City,1 Coordination Meeting with Property Owner)	16.0 24.0	16.0 24.0	24.0			8.0 16.0				40.0 88.0	\$ 5,920.0 \$ 11,816.0
C. D.	Construction Documents - 50%, 95% and 100% Submittals (3 Site Visits and 1 Owner Coordination Site Meeting) Construction Phase (See Construction Phase Services Section)	12.0	16.0	16.0			16.0				60.0	\$ 7,944.0
3.6	CONSTRUCTABILITY REVIEW (INCLUDED IN DESIGN) CITY SERVICES AND COORDINATION Designed lafe greating for the partitional City Department (such as Traffic Designed and (supplied Designed)				1.0	40		1	1.0		40.0	
A. B.	Request Information from pertinent City Departments (such as Traffic, Drainage, and/or Public Works) Coordinate with such City Departments Subtotal Cost:		2.0	2.0	1.0	4.0			1.0		10.0 5.0	\$ 889.0 \$ 549.0 \$ 27,118.0
3.8 A.	VERIFY DESIGN CRITERIA; PROJECT MEETINGS; PRESENTATIONS TO OFFICIALS; PUBLIC HEARINGS; STAKEHOLDER MEETINGS Verify Applicable Design Criteria	4.0	2.0	2.0							8.0	\$ 1,138.0
B. C. D.	Project Team Meetings (1 per submittal, 4 submittals) Public Hearings (3 Hearings) Presentations to City Officials (2 Presentations)	8.0 6.0 8.0	8.0 6.0 8.0	8.0							24.0 12.0 16.0	\$ 3,192.0 \$ 1,800.0 \$ 2,400.0
SUMMAR	Subtotal Cost: Y - ENGINEERING SERVICES - PROJECT INITIATION HOURS SUB-TOTALS	82.00	100.50	65.50	4.00	10.00	40.00	0.00	1.00	0.00		\$ 8,530.0
	BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL Subconsultant Participation	\$170.00 \$13,940.00	\$130.00 \$13,065.00	\$99.00 \$6,484.50	\$91.00 \$364.00	\$65.00 \$650.00	\$140.00 \$5,600.00	\$88.00 \$0.00	\$80.00 \$80.00	\$200.00 \$0.00		\$ 40,183.5
	a. Structural Subconsultant b. Landscape Subconsultant c. MEP Subconsultant											\$ 833.0
	d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant SUBCONSULTANT SUBTOTAL TOTAL											\$ 833.0 \$ 41.016.5
3.9 3.9.1	SCHEMATIC DESIGN PHASE SERVICES PRELIMINARY EVALUATION OF CITY'S PROJECT PLAN											\$ 41,016.
A. B. C.	Evaluate City's Program Evaluate City's Schedule Evaluate City's Budget	3.0 3.0 3.0	1.0 1.0 1.0	1.0							5.0 4.0 4.0	\$ 739.0 \$ 640.0 \$ 640.0
D. E. F.	Evaluate City's Project Site Evaluate City's Delivery Method and other Initial Information Provide Comments based on Evaluation	3.0 2.0 3.0	1.0 1.0 1.0	1.0		1.0					4.0 3.0 6.0	\$ 640.0 \$ 470.0 \$ 804.0
3.9.2 A.	Subtotal Cost: PRELIMINARY EVALUATION SUBMITTAL (INCLUDING DESIGN SUMMARY REPORT) Present Preliminary Evaluation	4.0	4.0	4.0		4.0					16.0	\$ 3,933.0 \$ 1,856.0
B. 3.9.3	Present Design Approaches Subtotal Cost: VALUE DESIGN / ENGINEERING	4.0	4.0	4.0		4.0					16.0	\$ 1,856.0 \$ 3,712.0
A. 3.9.4	Research Alternative Value Engineering and Materials Subtotal Cost: PRELIMINARY DESIGN PRESENTATION	4.0	2.0	4.0							10.0	\$ 1,336.0 \$ 1,336.0
A. B.	Prepare Presentation Exhibits Present to City Subtotal Cost:	4.0	4.0 2.0	8.0	16.0	8.0					40.0 6.0	\$ 3,968.0 \$ 940.0 \$ 4,908.0
3.9.5 A. B.	SCHEMATIC DESIGN DOCUMENTS Cover Sheet Prepare Preliminary Site Layout with Proposed Trail Alignments including alternatives	8.0	1.0 12.0	2.0 12.0	2.0 12.0						5.0 44.0	\$ 510.0 \$ 5,200.0
C. D. E.	Prepare Preliminary Trail Head and Parking Layouts Prepare Preliminary Typical Sections at Perliment Locations Prepare Preliminary Drainage Area Maps (Existing Conditions)	2.0 8.0 2.0	12.0 4.0 8.0	12.0 8.0 12.0	24.0 12.0 8.0						50.0 32.0 30.0	\$ 5,272.0 \$ 3,764.0 \$ 3,296.0
F. G. 3.9.6	Prepare Preliminary Salado Creek Crossing Layouts Prepare Preliminary Utility Plan HISTORICAL DESIGN REVIEW COMMISSION (HDRC)	2.0	8.0 4.0	12.0 4.0	16.0 8.0		NOT INCLUDE	D			38.0 18.0	\$ 4,024.0 \$ 1,984.0
3.9.7 A.	ESTIMATED COST OF WORK Prepare Preliminary Cost Estimate Subtotal Cost:	8.0	8.0	12.0	8.0	1.0	-				37.0	\$ 4,381.0 \$ 28,431.0
3.9.8 A. B.	SCHEMATIC DESIGN PACKAGE SUBMITTAL Quality Control/Quality Assurance Prepare Submittal Package	4.0	8.0 1.0	12.0 2.0	8.0 4.0	4.0					36.0 9.0	\$ 3,896.0 \$ 822.0
C. 3.10.3	Submit Package to City Subtotal Cost: PREPARE BIDDING DOCUMENTS (PERFORMED DURING FINAL SUBMITTAL)		1.0	1.0	1.0	2.0					5.0	\$ 450.0 \$ 5,168.0
A. B. C.	Bidding and Procurement Information Form of Agreement between City and Contractor Conditions of the Construction Contract and General, Supplementary, and other Conditions	2.0 2.0 2.0	4.0 4.0	8.0 2.0 4.0		4.0 4.0 4.0					14.0 12.0 14.0	\$ 1,392.0 \$ 1,318.0 \$ 1,516.0
D. SUMMAR	Prepare a Project Manual Subtotal Cost: Y- SCHEMATIC DESIGN PHASE	1.0	8.0	8.0		8.0					25.0	\$ 2,522.0 \$ 6,748.0
	HOURS SUB-TOTALS BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL	80.00 \$170.00 \$13,600.00	105.00 \$130.00 \$13,650.00	133.00 \$99.00 \$13,167.00	119.00 \$91.00 \$10,829.00	46.00 \$65.00 \$2,990.00	0.00 \$140.00 \$0.00	0.00 \$88.00 \$0.00	0.00 \$80.00 \$0.00	0.00 \$200.00 \$0.00		\$ 54,236.0
	Subconsultant Participation a. Structural Subconsultant b. Landscape Subconsultant											\$ 4,352.0
	c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant											
3.11	SUBCONSULTANT SUBTOTAL TOTAL CONSTRUCTION DOCUMENT PHASE SERVICES											\$ 4,352.0 \$ 58,588.0
A. 3.11.1 3.11.2	Request and Attend a Schematic Design Comment Review Meeting PREPARE CONSTRUCTION DOCUMENTS FOR CITY APPROVAL FURTHER DEVELOPMENT PLAN	4.0	4.0								8.0	\$ 1,200.0
3.11.2 3.11.3 A.	OTHER GOVERNMENTAL AGENCIES San Antonio Water Systems (SAWS)											
	a. Submit Plans and Specifications for Review (1 Submittal) b. Revise Plans per Comments and Resubmit Subtotal Cost:	1.0	4.0	4.0 2.0	4.0 2.0	2.0					15.0 11.0	\$ 1,580.0 \$ 1,200.0 \$ 3,980.0
В.	CPS Energy a. Submit Plans and Specifications for Review (1 Submittal) b. Revise Plans per Comments and Resubmit	1.0 1.0	2.0 2.0	8.0 4.0	4.0 2.0	2.0 2.0					17.0 11.0	\$ 1,716.0 \$ 1,138.0
C.	TxDOT a. Submit Plans and Specifications for Review (1 Submittal)	2.0	8.0	4.0	4.0	2.0					20.0	\$ 2,854. 0 \$ 2,270.0
D.	b. Revise Plans per Comments and Resubmit Subtotal Cost: Rogers Ranch Property	2.0	8.0	4.0	2.0	2.0					18.0	\$ 2,088.0 \$ 4,358.0
	a. Meet with Developer Representative b. Submit Plans and Specifications for Review (1 Submittal) c. Revise Plans per Comments and Resubmit	2.0 2.0 1.0	2.0 4.0 2.0	2.0 4.0 2.0	4.0 2.0	2.0 2.0					6.0 16.0 9.0	\$ 798.0 \$ 1,750.0 \$ 940.0
E.	Subtotal Cost: TCEQ a. Meet with TCEQ	2.0	2.0	2.0							6.0	\$ 3,488.0 \$ 798.0
	b. Submit Plans and Specifications for Review (1 Submittal) c. Revise Plans per Comments and Resubmit Subtotal Cost:	1.0 1.0	4.0 2.0	8.0 2.0	4.0 2.0	2.0 2.0					19.0 9.0	\$ 1,976.0 \$ 940.0 \$ 3,714.0
F	HOA's (2 HOA's estimated) a. Meet with HOA Representative b. Submit Plans and Specifications for Review (1 Submittal)	4.0	4.0 8.0	4.0 4.0	4.0	4.0					12.0 24.0	\$ 1,596.0 \$ 2,740.0
SUMMAR	c. Revise Plans per Comments and Resubmit Subtotal Cost: Y - CONSTRUCTION DOCUMENT BASIC SERVICES	4.0	8.0	4.0	2.0	4.0					22.0	\$ 2,740.0 \$ 2,558.0 \$ 6,894.0
41	HOURS SUB-TOTALS BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL	33.00 \$170.00 \$5,610.00	68.00 \$130.00 \$8,840.00	58.00 \$99.00 \$5,742.00	36.00 \$91.00 \$3,276.00	28.00 \$65.00 \$1,820.00	0.00 \$140.00 \$0.00	0.00 \$88.00 \$0.00	0.00 \$80.00 \$0.00	0.00 \$200.00 \$0.00		\$ 25,288.0
	Subconsultant Participation a. Structural Subconsultant b. Landscape Subconsultant											,
	c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant											
	SUBCONSULTANT SUBTOTAL TOTAL											\$ - \$ 25,288.0

HOWARD W PEAK (GREENWAY TRAILS) PROGRAM - ROGERS RANCH SEGMENT ESTIMATED LEVEL OF EFFORT 03/02/16 ADDITIONAL SERVICES - APRIL 14, 2016

	POSITION	Project	Project	Designer	CADD		Project	Survey		Survey Crew	Total	Cost
	DESCRIPTION BILLABLE LABOR RATES	Manager \$170.00	Engineer \$130.00	\$99.00	Tech II \$91.00	Admin \$65.00	Surveyor \$140.00	Tech \$88.00	Abstractor \$80.00	3-Person \$200.00	Labor hrs.	
3.11.4 A.	CONSTRUCTION DRAWINGS SUBMITTALS 50% SUBMITTAL											
	a. PLAN SHEETS 1. Cover Sheet 2. Site Survey		1.0	2.0 4.0	2.0 8.0						5.0 12.0	\$ 510.0 \$ 1,124.0
	3. Tree Catalog 4. Index of Sheets		2.0 0.5	12.0 1.0	16.0 1.0						30.0 2.5	\$ 2,904.0 \$ 255.0
	Project Layout/Control General Notes Preliminary/Typical Sections		4.0 2.0 2.0	6.0 4.0 4.0	6.0 4.0 4.0						16.0 10.0 10.0	\$ 1,660.0 \$ 1,020.0 \$ 1,020.0
	Proposed Typical Sections, Retaining Wall Design, and Pavement Design Bid Item Summary	4.0 1.0	12.0 3.0	24.0 6.0	12.0 6.0						52.0 16.0	\$ 5,708.0 \$ 1,700.0
	Preliminary Grading Plan Drainage Area Map and Calculations Wester Creek Crossing Layouts	4.0 1.0 2.0	12.0 8.0 8.0	16.0 8.0 8.0	40.0 6.0 16.0						72.0 23.0 34.0	\$ 7,464.0 \$ 2,548.0 \$ 3,628.0
	Traffic Control Standard Details SWPPP Plan (Coordination)	1.0	1.0	2.0 1.0	2.0 1.0						6.0 3.0	\$ 680.0 \$ 320.0
	b. PREPARE DESIGN SUMMARY REPORT c. UTILITY COORDINATION REPORT d. 50% COST ESTIMATE	2.0 2.0 4.0	4.0 4.0 16.0	8.0 8.0 16.0		4.0 4.0 4.0					18.0 18.0 40.0	\$ 1,912.0 \$ 1,912.0 \$ 4,604.0
	e. LIST OF GOVERNING AND SPECIAL SPECIFICATIONS f. PROJECT SCHEDULE	2.0 2.0	8.0 4.0	8.0 4.0		4.0 2.0					22.0 12.0	\$ 2,432.0 \$ 1,386.0
	g. GEOTECHNICAL REPORT (Coordination) h. WRITTEN RESPONSE TO SCHEMATIC DESIGN DOCUMENT COMMENTS i. QA/QC CERTIFICATION FORM	1.0	2.0 4.0 1.0	2.0 4.0 2.0	1.0	2.0					5.0 11.0 5.0	\$ 549.0 \$ 1,216.0 \$ 563.0
	j. SCHEDULE/ATTEND PUBLIC MEETING k. SCHEDULE/ATTEND 50% REVIEW MEETING	2.0 2.0	2.0 2.0								4.0	\$ 600.0 \$ 600.0
	I. 50% PACKAGE SUBMITTAL a. Quality Control/Quality Assurance b. Prepare Submittal Package	8.0 1.0	16.0 1.0	8.0 2.0	8.0	2.0					40.0 9.0	\$ 4,960.0 \$ 901.0
	c. Submit Package to City 1. CD WITH PDF'S OF DELIVERABLES	1.0	1.0	1.0	1.0	1.0					1.0	\$ 901.0 \$ 91.0 \$ 164.0
SUMMAR	Subtotal Cost: 17 - CONSTRUCTION DOCUMENT SERVICES - 50% DESIGN PHASE HOURS SUB-TOTALS	40.00	120.50	161.00	137.00	24.00	0.00	0.00	0.00	0.00		\$ 52,431.0
	HOURS SUB-TOTALS BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL	\$170.00 \$6,800.00	\$130.00 \$15,665.00	\$99.00 \$15,939.00	\$91.00 \$12,467.00	\$65.00 \$1,560.00	\$140.00 \$0.00	\$88.00 \$0.00	\$80.00 \$0.00	\$200.00 \$0.00		\$ 52,431.0
	Subconsultant Participation a. Structural Subconsultant											\$ 7,798.2
	b. Landscape Subconsultant c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant											\$ 8,588.0 \$ 5,000.0
	e. Geotechnical Subconsultant SUBCONSULTANT SUBTOTAL											\$ 21,386.2 \$ 73,817.2
В.	TOTAL 95% SUBMITTAL a. PLAN SHEETS											\$ 73,817.2
	Finalize Cover Sheet Finalize Site Survey		0.0	0.5 2.0	1.0 4.0						1.5 6.0	\$ 140.5 \$ 562.0
	Finalize Tree Catalog Finalize Index of Sheets Finalize Project Layout/Control		2.0 0.5 0.5	8.0 0.5 1.0	12.0 1.0 4.0						22.0 2.0 5.5	\$ 2,144.0 \$ 205.5 \$ 528.0
	Finalize General Notes Finalize Typical Sections		0.5 2.0	1.0 2.0	4.0 2.0						5.5 6.0	\$ 528.0 \$ 640.0
	Finalize Typical Sections, Retaining Wall Design, and Pavement Design Finalize Bid Item Summary Finalize Grading Plan	4.0	12.0 2.0 8.0	24.0 2.0 16.0	16.0 2.0 16.0						56.0 6.0 44.0	\$ 6,072.0 \$ 640.0 \$ 4,760.0
	Finalize Drainage Area Map and Calculations Finalize Low Water Creek Crossing Layouts	2.0	6.0 6.0	8.0 4.0	4.0 8.0						18.0 20.0	\$ 1,936.0 \$ 2,244.0
	Finalize Traffic Control Standard Details Standard Details, as required SwPPP Plan (Coordination)	2.0	1.0 0.5 0.5	2.0 1.0 0.5	2.0						7.0 3.5 3.0	\$ 850.0 \$ 346.0 \$ 454.5
	16. EPIC SHEET b. FINALIZE DESIGN SUMMARY REPORT	2.0	1.0 2.0	4.0 2.0	1.0	1.0					6.0 7.0	\$ 617.0 \$ 863.0
	c. FINALIZE UTILITY COORDINATION REPORT d. 95% COST ESTIMATE e. UPDATE LIST OF GOVERNING AND SPECIAL SPECIFICATIONS	1.0 4.0 1.0	2.0 8.0 4.0	4.0 8.0 8.0	4.0	4.0 2.0					11.0 22.0 17.0	\$ 1,086.0 \$ 2,642.0 \$ 1,846.0
	f. FINALIZE PROJECT SCHEDULE g. GEOTECHNICAL REPORT (Coordination)	2.0	4.0 1.0	4.0 1.0	1.0	4.0					14.0 3.0	\$ 1,516.0 \$ 320.0
	h. WRITTEN RESPONSE TO 50% DOCUMENT COMMENTS i. QA/QC CERTIFICATION FORM i. PREPARE TDLR SUBMITTAL	2.0 1.0	8.0 1.0 1.0	8.0	1.0	4.0 1.0 1.0					22.0 3.0 3.0	\$ 2,432.0 \$ 365.0 \$ 286.0
	k. SCHEDULE/ATTEND 95% REVIEW MEETING Subtotal Cost:	2.0	2.0		1.0	1.0					4.0	\$ 600.0 \$ 34,623.5
	I. 95% PACKAGE SUBMITTAL a. Quality Control/Quality Assurance	4.0	4.0	8.0	10	4.0						\$ 1,992.0
	b. Prepare Submittal Package - Plans, Specifications and Front End Documents c. Submit Package to City 1. CD WITH PDF'S OF DELIVERABLES	1.0	1.0	1.0	4.0 1.0	1.0					1.0	\$ 1,122.0 \$ 91.0 \$ 164.0
SUMMAR	Subtotal Cost: 17 - CONSTRUCTION DOCUMENT SERVICES - 95% DESIGN PHASE THOURS SUB-TOTALS	34.00	80.50	122.50	90.00	22.00	0.00	0.00	0.00	0.00		\$ 3,369.0
	BULLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL	\$170.00 \$5,780.00	\$130.00 \$10,465.00	\$99.00 \$12,127.50	\$91.00 \$91.00 \$8,190.00	\$65.00 \$1,430.00	\$140.00 \$0.00	\$88.00 \$0.00	\$80.00 \$0.00	\$200.00 \$0.00		\$ 37,992.5
	Subconsultant Participation a. Structural Subconsultant											\$ 2,546.5
	b. Landscape Subconsultant c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant											\$ 6,637.0 \$ 7,700.0
	e. Geotechnical Subconsultant SUBCONSULTANT SUBTOTAL TOTAL											\$ 16,883.5 \$ 54,876.0
3.11.6		2.0	4.0	4.0		2.0						\$ 1,386.0
B.	FINAL CONSTRUCTION DOCUMENTS a. Submit (1) copy of Plans for Final Review	2.0	2.0	6.0	8.0	6.0						\$ 2,312.0
	b. Revise Plans per Comments Subtotal Cost:	2.0	8.0	8.0	8.0	2.0						\$ 3,030.0 \$ 6,728.0
C.	FINAL SUBMITTAL a. Submit Final Package b. Revise Plans per Comments	2.0	4.0 4.0	4.0	8.0 8.0	4.0 4.0						\$ 2,244.0 \$ 2,244.0
3.11.6.2	Subtotal Cost: ELECTRONIC SUBMITTAL											\$ 4,488.0
A.	Submit Plans and Specifications in PDF format Subtotal Cost:			2.0	2.0	2.0						\$ 510.0 \$ 510.0
3.11.6.3 A.	PERMITTING PACKAGE Submit Permit Application and Pertinent Information along with Fees Subtotal Cost:		2.0	4.0	8.0	4.0						\$ 1,644.0 \$ 1,644.0
SUMMAR	Y - CONSTRUCTION DOCUMENTS PHASE - FINAL SUBMITTAL PHASE HOURS SUB-TOTALS	10.00	24.00	32.00	42.00	24.00	0.00	0.00	0.00	0.00		
	BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL Subconsultant Participation	\$170.00 \$1,700.00	\$130.00 \$3,120.00	\$99.00 \$3,168.00	\$91.00 \$3,822.00	\$65.00 \$1,560.00	\$140.00 \$0.00	\$88.00 \$0.00	\$80.00 \$0.00	\$200.00 \$0.00		\$ 13,370.0
	a. Structural Subconsultant b. Landscape Subconsultant											
	c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant											
0.45	SUBCONSULTANT SUBTOTAL TOTAL											\$ - \$ 13,370.0
3.12 3.12.1 A.	BIDDING PHASE ASSIST IN: Obtaining Bids	4.0	4.0	2.0		2.0			1		12.0	\$ 1,528.0
B. C.	Confirming Responsiveness of Bids and Proposals Determining Successful Bid	2.0 2.0	2.0 2.0	1.0		2.0 2.0					7.0 8.0	\$ 829.0 \$ 928.0
D. 3.12.2	Preparing Construction Contract Subtotal Cost: BIDDING ASSISTANCE	2.0				2.0						\$ 470.0 \$ 3,755.0
3.12.2 A. B.	Prepare Bid Packages Distribute Bid Packages and Maintain Distribution List	2.0	4.0	12.0 4.0	12.0	12.0 8.0					12.0	\$ 3,920.0 \$ 916.0
C.	Participate in Pre-Bid Conference Respond to Questions and Provide Clarification by Addenda	2.0 4.0	2.0 8.0	8.0		6.0					4.0 26.0	\$ 600.0 \$ 2,902.0
3.12.3 A.	Subtotal Cost: EVALUATE PRODUCT AND MATERIAL SUBSTITUTIONS Consider and Evaluate Substitution, if any	1.0	2.0	2.0	I	J	I	I]			\$ 8,338.0 \$ 628.0
B.	Prepare Addenda for Substitutions Subtotal Cost:	1.0	2.0	4.0		1.0					8.0	\$ 628.0 \$ 891.0 \$ 1,519.0
SUMMAR	Y - BIDDING PHASE HOURS SUB-TOTALS BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD)	20.00 \$170.00	26.00 \$130.00	35.00 \$99.00	12.00 \$91.00	35.00 \$65.00	0.00 \$140.00	0.00 \$88.00	0.00 \$80.00	0.00 \$200.00		
	SUBTOTAL Subconsultant Participation	\$170.00 \$3,400.00	\$130.00 \$3,380.00	\$99.00 \$3,465.00	\$91.00 \$1,092.00	\$65.00	\$140.00	\$88.00	\$0.00	\$200.00		\$ 13,612.0
	a. Structural Subconsultant b. Landscape Subconsultant											\$ 1,340.0
	c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant											
	SUBCONSULTANT SUBTOTAL TOTAL											\$ 1,340.0 \$ 14,952.0

HOWARD W PEAK (GREENWAY TRAILS) PROGRAM - ROGERS RANCH SEGMENT **ESTIMATED LEVEL OF EFFORT 03/02/16 ADDITIONAL SERVICES - APRIL 14, 2016** POSITION DESCRIPTION ABLE LABOR RATE Labor hrs CONSTRUCTION PHASE SERVICES 3.14 3.14.1 12.0 1,460.00 Pre-construction Meeting 3.14.2 PROVIDE ADMINISTRATION OF CONSTRUCTION CONTRACT (9 MONTHS) 9.0 9.0 9.0 27.0 3.285.00 Subtotal Cost 4,745.00 3.14.3 REVIEW RFI'S (1.5 RFI'S PER MONTH, 9 MONTHS) 8.0 8.0 8.0 4.0 28.0 Subtotal Cost 3,452.00 PROCESS AND RESPOND TO RFI'S 3.14.4 RFI'S PROCESSING (1.5 RFI'S PER MONTH, 9 MONTHS) 2.0 8.0 8.0 8.0 26.0 2,692.00 A. 2,692.00 Subtotal Cost COORDINATE AESTHETIC DECISIONS 3.14.5 A. COORDINATION (4 INSTANCES) 2.0 8.0 8.0 18.0 2,172.00 Subtotal Cos 2,172.00 3.14.6 ADVISE AND CONSULT WITH CITY CONSULTATIONS AND COMMUNICATION (2 PER MONTH, 9 MONTHS) 3,712.00 8.0 8.0 8.0 32.0 Subtotal Cost 3,712.00 3.14.7 FINAL INSPECTIONS (SEE 3.17.2) 3.14.8 WARRANTY INSPECTION SEE EVALUATION OF WORK Produce Punchlist of Items to be Addressed Verify Punchlist of Items to be Addressed A. B. CONSULTANT RESPONSIBILITY (INFORMATION ONLY NO TASKS) 3.14.9 EVALUATE SUBSTITUTIONS INCLUDED IN EVALUATION OF WORK 3.14.10 Review Substitution Requests (1 per month, 9 months) Make Recommendations (1 per month, 9 months) SUMMARY - CONSTRUCTION PHASE SERVICES HOURS SUB-TOTALS BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) 32.00 0.00 33.00 0.00 \$140.00 16,773.00 sultant Participation 3,135.00 Structural Subconsultant Landscape Subconsultant 3,685.00 MEP Subconsultant Environmental & Archaeological Engineering Subconsultant SUBCONSULTANT SUBTOTAL 6,820.00 23,593.00 EVALUATION OF THE WORK 3.15 NITIAL START UP 3.15.1 NOT ANTICIPATED Observe Initial Start Up and Necessary Performance Tests as required by Specs, if any 3.15.2 SITE VISITS AND INSPECTIONS Site Visits (3 visits per month, 9 months) 36.0 36.0 24.0 36.0 108.0 14,364.00 А. В. Prepare Site Visit Reports (3 per month, 9 months) 8.0 8.0 8.0 48.0 5,792.00 Prepare Monthly Progress Report (9 months) 4.0 12.0 12.0 4.0 32.0 23,844.00 ASSESS CONFORMITY TO PLANS AND SPECIFICATIONS 3.15.3 A. Report Non-Conforming or Deficient Work (4 cases) 2.0 4.0 4.0 1.0 11.0 Subtotal Cost 1,321.00 SUBMITTALS 3.15.4 Review and Respond to Submittals (Approx 9 Submittals) 2,911.0 A. 5.0 9.0 9.0 23.0 Subtotal Cost 2,911.00 INSPECTION. TESTING, AND REQUIRED APPROVALS 3.15.5 4.0 8.0 10.0 1.0 4.0 1,256.00 A. B. Review and Process Certificates of Inspection Review and Process Testing Results 11.0 1,222.00 Review and Process Any Additional Required Approvals 8.0 13.0 C. Subtotal Cost 3,960.00 SUBSTANTIAL COMPLETION AND FINAL INSPECTION 3.15.6 Participate in Substantial Completion Inspection В. repare Substantial Completion Punchlist Final Inspection INCLUDED IN PROJECT COMPLETION Subtotal Cos CHANGE ORDER REQUESTS BY CITY 3.15.7 Develop Change Orders (6 Change Orders) Submit to Contractor for Acceptance (6 Change Orders) 6.0 3.0 19.0 6.0 1.0 6.0 6.0 2,090.00 A. B. 3.0 687.00 Submit to City for Approval (6 Change Orders) 3.0 3.0 6.0 687.00 Subtotal Cost 3,464.00 NON CONFORMING WORK 3.15.8 Assess Work for Acceptance (3 Instances) 1,596.00 4.0 4.0 12.0 4.0 B. Provide City Opinion of Acceptance or Rejection of Non-Conforming Work (3 Instances) 4.0 4.0 4.0 12.0 2,876.00 SUMMARY - EVALUATION OF THE WORK 64.00 115.00 13.00 109.00 10.00 0.00 0.00 0.00 0.00 BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) \$170.00 \$130.00 \$99.00 \$10,791.00 \$91.00 \$65.00 \$140.00 \$88.00 \$80.00 \$200.00 38,376.00 bconsultant Participation a. Structural Subconsultant b. Landscape Subconsultant c. MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant SUBCONSULTANT SUBTOTAL APPLICATION FOR PAYMENT BY CONSTRUCTION CONTRACTOR INCLUDED IN CONSTRUCTION PHASE SERVICES 3.16.1 SCHEDULE OF VALUES Review and Comment on Contractor Schedule of Values (9 Submittals) PAYMENT SUBMITTAL TO CITY PORTAL 0.0 A. 3.16.2 Monitor Portal and Retrieve Applications (Weekly, 9 months) APPLICATIONS OF PAYMENT 0.0 3.16.3 0.0 A. 3.16.4 Review Monthly Applications of Payment (9 Applications) PROCESS OF APPLICATION Process Application as Approved or Rejected (9 Applications) Provide Reasons for Rejections (3 Rejections Estimated). APPROVAL OF APPLICATION 0.0 0.0 3.16.5 nform City of Application Approval (9 Applications) 0.0 Provide Remaining Balances, Re REJECTION OF APPLICATION , Retained Balances, and Sum to be Paid (9 Applications) 0.0 3.16.6 Notify City of Rejected Applications Based on Criteria Outlined in 3.16.6.1 Thru 3.16.6.7 of Professional ervices Agreement, (3 Rejections Assumed). 0.0 PROCESS OF APPLICATION RESUBMITTAL 3.16.7 Review Resubmittal of Rejected Applications. (3 Resubmittals Assumed). Process Application As Applicable. 0.0 APPLICATION FOR PAYMENT BY CONSTRUCTION CONTRACTOR SUMMAR HOURS SUB-TOTALS 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL Subconsultant Participation \$170.00 \$130.00 \$91.00 \$140.00 \$88.00 a. Structural Subconsultar Landscape Subconsultant MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geolechnical Subconsultant SUBCONSULTANT SUBTOTAL TOTAL SUBSTANTIAL PROJECT COMPLETION TASKS (CONSULTANT AND CITY) Inspect Project and Set a Date for Substantial Completion. 3,192.00 24.0 В. Produce and Issue Certificate of Substantial Completion. 1.0 1.0 2.0 1.0 2.0 7.0 719.00 Request Written Warranties and Related Documents from Contractor. 1.0 1.0 2.0 229.00 D. Review Documents and Submit to City. 2.0 4.0 4.0 2.0 12.0 Subtotal Cost 5,526.00 FINAL INSPECTION 3.17.2 Process Final Completion Request from Contractor Set Date for Final Inspections A. B. 0.5 0.5 1.0 2.0 1.5 249.00 0.5 199.50 0.5 Conduct Final Inspection with City and Contractor 8.0 8.0 8.0 2.0 26.0 3,374.00 D. Produce Punchlist of Items That May Need to be Addressed 4.0 2.0 2.0 10.0 1,188.00 1,058.00 F. Review Close-Out of Documents 1.0 1.0 2.0 4.0 Subtotal Cost 6,566.50 RECOMMENDATION OF PAYMENT 3.17.3 2.0 6.0 798.00 Review Final Payment 2.0 2.0 B. Review Record Drawings 2.0 6.0 12.0 20.0 2,308.00 Subtotal Cost 3,106.00 3.17.4 REVIEW OF WARRANTIES, MANUALS, ETC NOT ANTICIPATED Review Pertinant Warranties, Bonds, Manuals, Etc. B. ttend Operator Training of Systems and Equipment, As Applicable. NOT ANTICIPATED 3.17.5 FINAL INFORMATION SUBMITTAL Forward Consent of Surety, Release Retainage, Affidavits, Releases and Waivers of Liens or Bonds. NOT ANTICIPATED Subtotal Cost SUMMARY - SUBSTANTIAL PROJECT COMPLETION HOURS SUB-TOTALS 29.00 40.00 44.50 3.00 6.00 0.00 0.00 0.00 0.00 BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL 15.198.50 Subconsultant Participation a. Structural Subconsultant Landscape Subconsultant MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant SUBCONSULTANT SUBTOTAL

HOWARD W PEAK (GREENWAY TRAILS) PROGRAM - ROGERS RANCH SEGMENT **ESTIMATED LEVEL OF EFFORT 03/02/16 ADDITIONAL SERVICES - APRIL 14, 2016** POSITION DESCRIPTION LABLE LABOR RATES Labor hrs Subconsultant Participation - Additional Ser a. Structural Subconsultant Landscape Subconsultan c. MEP Subconsultant d. Environmental and Cultural Resources Services (See Attached Proposal dated January 15, 2016) 58,799.64 e. Geotechnical Engineering Services (See Attached Proposal dated February 25, 2016) SUBCONSULTANT SUBTOTAL \$65,549.64 BMB ADDITIONAL SERVICES DRAINAGE STUDY A) Gather existing studies for Salado Creek Crossings, topography, and meet with City of San Antonio (COSA) Review SARA hydrologic computations for existing and ultimate conditions 2.0 4.0 8.0 14.0 1,652.00 Review SARA hydraulic computations for existing and ultimate conditions Revise SARA hydraulics to include trail crossings Provide the City of San Antonio with digital files of hydrologic and hydraulic models 4.0 8.0 14.0 1,652.00 8.0 18.0 14.0 2,172.00 8.0 Prepare a map with existing and ultimate floodplain based on existing site topographcy and proposed site topography Provide items required to satisfy City of San Antonio regulatory requirements 2,016.00 1,312.00 8.0 12.0 8. Prepare and submit complete study following City of San Antonio requirements to City 0.5 4.0 8.0 2.0 14.5 1,527.00 . Revise reports per comments and resubmit 2.0 8.0 4.0 2.0 16.0 14,553.00 STORMWATER MANAGEMENT REPORT B) . Meet with City Drainage Department . Determine & verify hydrology for the site and for downstream of the site based on existing 2.0 2.0 2.0 6.0 798.00 conditions and developed conditions 18.0 2,016.00 Determine if increase runoff significantly affects downstream conditions 4.0 8.0 12.0 1,312.00 Prepare report and calculate appropriate fees if required 1.0 4.0 8.0 4.0 4.0 21.0 2,106.00 . Prepare a Storm Water Participation form 0.5 1.0 164.00 6. Submit report to the City of San Antonio 0.5 4.0 2.0 2.0 8.5 773.00 2.0 8.5 . Revise report per comments and resubmit SUMMARY - BMB ADDITIONAL SERVICES 22.00 \$91.00 HOURS SUB-TOTALS 13.50 51.50 107.00 14.00 0.00 0.00 0.00 BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) \$99.00 \$80.00 \$88.00 \$200.00 22,495.00 ATER POLLUTION ABATEMENT PLAN (WPAP) & STORMWATER POLLUTION PREVENTION PLAN Subconsultant Participation . Structural Subconsultant 40,650.00 Landscape Subconsultant . MEP Subconsultant d. Environmental & Archaeological Engineering Subconsultant e. Geotechnical Subconsultant SUBCONSULTANT SUBTOTAL TOTAL 40,650.00 MOBILIZATION 1) Gathering Maps, Plats, Surveys, Meta Data 8.0 24.0 32.0 Subtotal Cost 3,040.00 PROJECT CONTROL: 6,944.00 8,720.00 Establish Primary Control - Horizontal Establish Primary Control - Vertical (Level Loops) 24.0 32.0 46.0 56.0 4.0 20.0 3) Set Secondary Control 4.0 18.0 24.0 46.0 6,944.00 Subtotal Cost 22,608.00 1) Utilities, Right-of-Way, Ownership (Public and Private) 20.0 68.0 6,080.00 8.0 40.0 Subtotal Cost 6,080.00 FIELD SURVEY On-the-ground Traverse 12.0 24.0 56.0 128.0 9,616.0 40.0 100.0 4.0 2) Set Preliminary Alignment - Topo, Tree, Utility 4.0 22,672.00 3) Set Preliminary Alignment - Boundary and Improvements 8.0 18.0 50.0 39,792.00 1) From Control ties set boundaries: showing road right-of-ways, and Adjoiner Boundaries 8.0 8.0 16.0 2) Add Utilities Locations from field ties & record locations 40.0 48.0 4,760.00 Add topographic features, trees, fences, etc. Field check survey 88.0 36.0 8,400.00 4,060.00 80.0 5) Create Control Point Sheet with description, northing, easting & elevations 4.0 24.0 Subtotal Cos 28,560.00 QUALITY ASSURANCE - QUALITY CONTROL 16.0 4,424.00 24.0 40.0 Quality Assurance/Quality Control Respond to comments 20.0 16.0 36.0 4,060.00 8,484.00 BMB Surveying Services Cost - PHASE 1: 108,564.00 SUMMARY - SURVEYING SERVICES HOURS SUB-TOTALS 0.0 0.0 0.0 284.0 0.0 124.0 130.0 64.0 244.0 BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) \$108,564.00 SUMMA BMB TOTAL HOURS 438.50 776.00 899.50 759.00 255.00 164.00 130.00 65.00 244.00 BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD) SUBTOTAL BMB ENGINEERING & SURVEYING FEE \$ 170.00 \$ 130.00 \$ 99.00 \$ 91.00 \$74,545.00 \$100,880.00 \$89,050.50 \$69,069.00 \$ 65.00 \$ 140.00 \$ 88.00 \$16,575.00 \$22,960.00 \$11,440.00 438,519.50 SUBCONSULTANT PARTICIPATION andscape Subconsultan \$66,085.0 MEP Subconsultant \$12,700.0 mental & Archaeological Engineering Subcr \$6,750.00 157,814.48 596,333.98 Geotechnical Subconsultant SUBTOTAL SUBCONSULTANT PARTICIPATION PRINTING AND MISCELLANEOUS 10,556.02 606,890.00 ADDITIONAL SURVEY SERVICES FOR EASEMENTS ROGERS RANCH EASEMENTS Recover and verify existing horizontal & vertical control points 5.0 716.00 10.0 Research property owners and adjoiners 1,062.00 Recover sufficient boundary monuments to establish location of property lines Prepare easement plat & metes and bounds description (up to 9 easements) 4 8.0 1,152.00 12.0 1,484.00 . Set iron rods at easement corners (at entry and exit plus every 400', est. 120 monuments) 4 10.0 Subtotal Cost 5,846.00 BMB Surveying Services Cost - PHASE 2: 5,846.00 SALADO NORTH EASEMENTS B EASEMENTS - SALADO NORTH Recover and verify existing horizontal & vertical control points 2. Research property owners and adjoiners 12.0 1,244.00 3. Recover sufficient boundary monuments to establish location of property lines 1,152.00 8.0 1,484.00 Prepare easement plat & metes and bounds description (up to 4 e . Set iron rods at easement corners(at entry and exit plus every 400', est. 80 monuments) 7,264.00

7,264.00

13,110.00

620,000.00

140.00

65.00

88.00

80.00

200.00

SUMMARY - ADDITIONAL SURVEY SERVICES

BILLABLE RATE PER HOUR (LABOR BURDEN & OVERHEAD)
TOTAL

BMB Surveying Services Cost - PHASE 3:

GRAND TOTAL

170.00

130.00

99.00

91.00