

City of Laredo Colombia Solidarity International Bridge Expansion - WA #1

Schematic, Environmental, PS&E & Construction Phase Services

WA#1 - TOTAL FEE SUMMARY

FIRM	Total Hrs	Base Labor \$	Base Expense \$	Base Total \$
LJA Engineering, Inc.	6,821	\$ 1,581,632.00	\$ 64,529.60	\$ 1,646,161.60
LJA Surveying	999	\$ 128,750.56	\$30,775.00	\$ 159,525.56
RODS, Inc.	474	\$84,552.00	\$93,502.95	\$ 178,054.95
Carrillo & Associates, Inc.	306	\$ 105,170.00	\$ 324,806.00	\$ 429,976.00
JMT-SEA	843	\$287,200.00	\$0.00	\$ 287,200.00
Total	9,443	\$ 2,187,304.56	\$ 513,613.55	\$ 2,700,918.11

Colombia Solidarity International Bridge Expansion WA #1																												
LJA Engineering		Project Manager	Deputy Project Manager	Civil Design	Senior Structural Design Engineer	Structural Design Engineer	Roadway and H&H Lead	Traffic Operations Lead	Senior Project Engineer	Project Engineer	Engineer	Design Technician	EIT	Transportation Planning Lead	Senior Transportation Planner	Transportation Planner II	Environmental Technical Adviser	Environmental Planner IV	Environmental Planner III	Environmental Planner II	Senior Public Involvement Specialist	Public Involvement Specialist	Marketing/ Graphics Support Specialist	Scheduler I	Project Coordinator	TOTAL HOURS	TOTAL DOLLARS BY SUBTASK	
Loaded Labor Rates		\$370.00	\$510.00	\$280.00	\$338.00	\$226.00	\$391.00	\$287.00	\$330.00	\$244.00	\$215.00	\$197.00	\$169.00	\$320.00	\$244.00	\$215.00	\$305.00	\$201.00	\$169.00	\$158.00	\$230.00	\$201.00	\$144.00	\$190.00	\$183.00			
I. PROJECT MANAGEMENT																												
I.A	Monthly review of the project with respect to schedule, budget, and QAQC.	14	20				8							5											48	95	\$ 28,892.00	
I.B	Schedule	8	20				5							5										40	26	104	\$ 29,073.00	
I.C	Record Keeping and File Management	5	15				5							5											26	56	\$ 17,813.00	
I.D	Progress Reports and Invoices	8	20				5							5											48	86	\$ 25,499.00	
I.E	Team Coordination Meetings	80	40	40	40	40	8	30	40	30		30	80	40	40	40						40	40			618	\$ 170,648.00	
	Subtotal	115	115	40	40	40	31	30	40	30	0	30	80	60	0	40	0	0	0	0	0	40	40	40	40	148	959	\$ 271,925.00
II. BI-NATIONAL & STAKEHOLDER PROJ. DEV. MTGS.																												
II.A	Bi-National & Stakeholder Project Development Meetings, etc.	60	60	40			8				8			8		90					8	30	30				342	\$ 102,948.00
II.B	Funding Opportunity Support (i.e. Congressional Earmarks, Grants, etc.)																										0	\$ -
II.C	Participation at US-Mexico BBBXG, US-Mexico JWC and Other Mtgs.	40	60	40										40		40						100	100				420	\$ 112,500.00
	Subtotal	100	120	80			8				8		0	48	0	130					8	130	130				762	\$ 215,448.00
III. SCHEM., ENV., PS&E & CPS																												
III.A Design Criteria																												
III.B Route and Design Studies - Geometric Schematic																												
III.B.1 Schematic Design Work Outline																												
III.B.1.a	Develop Base Maps	1		1			2		4	10	14	34	100														166	\$ 31,800.00
III.B.1.c	Analyze Existing Conditions	1		1			2	4	6	10	16	32	100														172	\$ 33,644.00
III.B.1.d	Schematic Alternatives	4					8	16	32	40	72	144	400														720	\$ 142,088.00
III.B.1.e	Deliverable Schematic Analysis			1			2	2	8	10	18	36	100														177	\$ 34,578.00
III.B.1.f	Data Collection			1			2	2	5		2		6														18	\$ 4,730.00
III.B.1.g	Roadway Design Criteria			4			8		8	24	32	64	40														180	\$ 38,992.00
III.B.1.h	Preliminary Design Conference	1		1			1	1	2	4	6	6	10														32	\$ 7,126.00
III.B.2 Schematic Design - General Tasks																												
III.B.2.a	Right of Entry			1			2		2	2	2	10	10														29	\$ 6,300.00
III.B.2.b	ROW Property Base Map			1			2		2	2	2	10	10														29	\$ 6,300.00
III.B.2.c	Typical Sections	2		4			8	16	8	8	8	40	320														414	\$ 77,852.00
III.B.2.d	Environmental Constraints	1		1			2		2	2	2	10															20	\$ 4,980.00
III.B.2.e	Preliminary Drainage						1		1	1	1	8	32														44	\$ 8,164.00
III.B.2.i.	Traffic Data and Projections	6		6			10	16	21		40		80														179	\$ 41,452.00
III.B.2.j.	Traffic and Operational Analysis	4		8			8	12	16		30		60														138	\$ 32,162.00
III.B.4.	Bridge Layout	4		4	12	12																					32	\$ 9,368.00
III.B.6.	Retaining Walls	3		3	15	33	8		44		28	14	70														218	\$ 52,734.00
III.B.3.10.	Data Collection and Field Reconnaissance	2		2			2				5		8	5		26											50	\$ 11,609.00
III.B.3.11.	Design Criteria			4			8		8	24	32	64	40														180	\$ 38,992.00
III.B.3.12.	Preliminary Cost Estimates	8		8			8		84		84	170	120		2			2			17		17	34	24		578	\$ 124,327.00
III.C Social, Economic, Env. Studies and Public Involvement																												
III.C.7.a	TxDOT Scoping	1	1	1													9	16	32								60	\$ 12,520.00
III.C.7.b	Technical Studies and Reporting	3	3	3			3						5				32	120	160								329	\$ 66,418.00
III.D ROW - Survey Activities																												
III.D.1.	Right of way Map Review	2					12					20	20														62	\$ 14,992.00
III.D.2.	Right of Way (ROW) Mapping	2		8			12					40	80														142	\$ 29,072.00
III.E ROW - Utility Activities																												
III.E.1.	Utility Engineering Investigation (Subsurface Utility Engineering (SUE)	2		8			12					20	20														62	\$ 14,992.00
III.F.	Design Surveys and Construction Surveys	8		16			24					40	40														128	\$ 31,464.00
III.L.6 Bridge Assessment of the Existing Colombia/Laredo International Bridge																												
III.L.6.a	Document review				2	3																					5	\$ 1,354.00
III.L.6.b	Field Investigations	4		4	24	24	2						24														82	\$ 20,974.00
III.L.6.c	Containment options	4		4	16	16	2																				42	\$ 12,406.00
III.L.6.d	Load Rating				4								16														20	\$ 4,056.00
III.L.6.e	Assessment Report	4		4	16	24	2						4														54	\$ 14,890.00
III.L.7 Bridge Repair Details for Existing Colombia/Laredo International Bridge																												
III.L.7.a	Bridge Layout	4		4	8		4					32	16														68	\$ 15,876.00
III.L.7.b	Estimated Quantities	1		2	8		2					16	16														29	\$ 7,568.00
III.L.7.c	Bridge repair summary	1		2	4		2					8	16														33	\$ 7,344.00
III.L.7.d	Rail Repair Details	1		2	8		2					16	16														45	\$ 10,272.00
III.L.7.e	Deck Repair Details	1		2	8		2					16	16														45	\$ 10,272.00
III.L.7.f	Joint Repair Details	1		2	8		2					16	16														45	\$ 10,272.00
III.L.7.g	Sidewalk Cover Plate Repair Details	1		2	8		2					16	16														45	\$ 10,272.00
III.L.7.h	Bridge Drain Cleaning Repair Specifications	1		2	8		2					4	16														33	\$ 7,908.00
III.L.7.i	Typical Concrete Repair Details	1		2	8		2						24	16													53	\$ 11,848.00
III.L.7.j	Backfill and Erosion Protection at North Bank	1		2	8		2					24	16														53	\$ 11,848.00
III.L.7.k	Traffic Control Sequence of Construction	4		2	8		2					32	32														80	\$ 17,238.00
III.L.7.l	Backfill and Repair of Undermined Concrete Slope Protection	1		2	4		2					16	16														41	\$ 8,920.00
III.L.7.m	Containment Structure for Environmentally Hazardous Materials	8																									168	\$ 34,276.00
	Subtotal	93	4	137	197	112	179	69	253	137	389	1019	2015	5	2	26	41	138	192	17	0	17	34	24	0	5100	\$ 1,094,259.00	
LJA Total Hours		308	239	257	237	152	218	99	293	167	397	1049	2095	113	2	196	41	138	192	17	8	187	204	64	148	6821		
LJA Total Labor Fee		\$ 113,960.00	\$ 121,890.00	\$ 71,960.00	\$ 80,106.00	\$ 34,352.00	\$ 85,238.00	\$ 28,413.00	\$ 96,890.00	\$ 40,748.00	\$ 85,355.00																	

PROVIDER NAME: LJA Engineering, Inc.					
Colombia Solidarity International Bridge Expansion					
Schematic, Environmental, PS&E & Construction Phase Services WA#1					
OTHER DIRECT EXPENSES - LJA ENGINEERING					
Type	Total	Unit	Fixed Cost	Maximum Cost	Total Cost
Lodging/Hotel (Taxes/fees included)	47	day/person		\$150.00	\$ 6,975.00
Meals (Overnight)	47	day/person		\$65.00	\$ 3,022.50
Meals (Non-Overnight)	25	day/person		\$36.00	\$ 900.00
Mileage	4630	mile	\$0.670		\$ 3,102.10
Courier Services	1	each		\$150.00	\$ 187.50
Law Enforcement/Uniform Officer	HOUR/OFFICER		\$100.00	\$77.00	\$ -
Public Involvement Facility Rental	4 hours		\$4,000.00	\$4,000.00	\$ -
Custodian for Public Involvement	hour		\$35.00	\$35.00	\$ -
Sound Technician for Public Involvement	event		\$340.00	\$340.00	\$ -
Audio-Visual Equipment Rental	event		\$975.00	\$975.00	\$ -
Presentation Board 30"x40" Color Mounted	each		\$37.00	\$37.00	\$ -
Noise Meter Rental	per project		\$450.00	\$450.00	\$ -
Hazardous Materials Database Search	per search		\$450.00	\$450.00	\$ -
Total					\$64,529.60

SUB PROVIDER NAME: LJA Surveying

Colombia Solidarity International Bridge Expansion WA#1

TASK DESCRIPTION	PROJECT MANAGER	SURVEYOR (RPLS)	TASK LEADER	SURVEY TECH (SIT)	SURVEY TECH	ABTRACTOR	ADMIN/ CLERICAL	ANALYTICAL TRIANGULATION SPECIALIST	LiDAR TASK LEAD	LiDAR PRODESSING TECHNICIAN	LiDAR MAPPING TECHNICIAN	AERIAL MAPPING TECHNICIAN	MAPPING EDITOR	2-PERSON SURVEY CREW	TOTAL LABOR HRS	TOTAL LABOR COSTS
III. SCHEM., ENV., PS&E & CPS																
III.D. Right-of-Way - Survey Activities																
III.D.2 Right of Way (ROW) Mapping																
ABSTRACTING/PREPARE ABSTRACT BASE MAP			2	2	24	10	1								39	\$ 3,554.91
FIELD SURVEY - CONTROL, ROW/PROPERTY CORNERS														80	80	\$ 14,000.00
SET PARCEL MONUMENTS (MAX. 2 PARCELS OR EASEMENTS TOTAL)														40	40	\$ 7,000.00
PREPARE PARCEL DESCRIPTIONS AND MAP SHEETS (MAX. 2 PARCELS TOTAL)			3	20	48										71	\$ 7,123.76
QA/QC, SURVEYORS REPORT, CHECKLISTS	1		6	1	1										9	\$ 1,275.41
HOURS SUB-TOTALS	1	0	11	23	73	10	1	0	0	0	0	0	0	120	239	\$ 32,954.08
III.F. Design Surveys and Construction Surveys																
SET AERIAL TARGETS	1		1	4	6										12	\$ 1,385.34
CONTROL SURVEY DATA PROCESSING	1		1	4											6	\$ 829.20
DESIGN SURVEY - SET TARGETS, FIELD TIES AND SKETCHES														60	60	\$ 10,500.00
DESIGN SURVEY DATA PROCESSING			2	6	12										20	\$ 2,067.00
PREPARE ORTHOPHOTOGRAPHY FILES								30	20	30	80	85	45		290	\$ 30,913.70
QA/QC, STATEMENT OF MAP (PLANIMETRIC) ACCURACY			5										40		45	\$ 5,511.20
HYDROGRAPHIC SURVEY														80	80	\$ 14,000.00
HYDROGRAPHIC SURVEY PROCESSING AND MAPPING	2			60											62	\$ 7,255.36
PREPARE DGN, DTM, TIN, ORTHOPHOTOGRAPHY FILES			5												5	\$ 692.40
REVIEW AND MERGE AERIAL/GROUND SURVEY DATA, CREATE DTM AND TIN FILES			1	8	10										19	\$ 1,969.06
REVIEW AND UPDATE PLANIMETRIC (DGN) FILES				16	24										40	\$ 4,031.92
PREPARE CONTROL AND DATA SHEETS			2	3	18										23	\$ 2,284.26
BORE HOLES AND ALIGNMENT/ROW STAKING														60	60	\$ 10,500.00
ADDITIONAL SURVEYS AS REQUESTED BY THE ENGINEER (BORE HOLES/STAKING)			2	12	24										38	\$ 3,857.04
HOURS SUB-TOTALS	4	0	19	113	94	0	0	30	20	30	80	85	85	200	760	\$ 95,796.48
TOTAL LABOR HOURS	5	0	30	136	167	10	1	30	20	30	80	85	85	320	999	
CONTRACT RATE PER HOUR	\$238.88	\$185.32	\$138.48	\$112.96	\$92.69	\$75.21	\$75.37	\$126.78	\$137.70	\$106.42	\$101.38	\$89.79	\$120.47	\$175.00		
TOTAL LABOR COSTS	\$1,194.40	\$0.00	\$4,154.40	\$15,362.56	\$15,479.23	\$752.10	\$75.37	\$3,803.40	\$2,754.00	\$3,192.60	\$8,110.40	\$7,632.15	\$10,239.95	\$56,000.00		\$ 128,750.56
% DISTRIBUTION OF STAFFING	1%	0%	3%	14%	17%	1%	0%	3%	2%	3%	8%	9%	9%	32%	100%	
OTHER DIRECT EXPENSES	UNIT	RATE	QUANTITY	TOTAL												
Lodging/Hotel - Taxes and Fees	day/person	\$107.00	50	\$5,350.00												
Lodging/Hotel (Taxes/fees not included)	day/person	\$45.00	50	\$2,250.00												
Meals (Excludes alcohol and tips) (Overnight stay required)	day/person	\$59.00	50	\$2,950.00												
Mileage	mile	\$0.670	2500	\$1,675.00												
Toll Charges	day	\$50.00	3	\$150.00												
Boat with Motor	day	\$400.00	6	\$2,400.00												
Mobilization for Helicopter Airborne LiDAR (Includes helicopter, pilot, LiDAR operator, fuel, and transportation cost)	per project	\$10,000.00	1	\$10,000.00												
Fixed Wing Airborne LiDAR - Project Flight Miles (On project flight miles)	per mile	\$1,500.00	1	\$1,500.00												
Aerial Photography - Project Flight Miles (On project flight miles)	per mile	\$1,500.00	1	\$1,500.00												
Hydrographics Sonar Equipment	day	\$500.00	6	\$3,000.00												
SUBTOTAL - FC 160 (150) OTHER DIRECT EXPENSES				\$30,775.00												
SUMMARY																
III.D.2 Right of Way (ROW) Mapping Total Labor Costs	\$	32,954.08														
III.F. Design Surveys and Construction Surveys Total Labor Costs	\$	95,796.48														
FC 160 (150) NON-SALARY (OTHER DIRECT EXPENSES)		\$30,775.00														
GRAND TOTAL	\$159,525.56															

SUBPROVIDER NAME: Carrillo and Associates, Inc.
Colombia Solidarity International Bridge Expansion WA#1
III. SCHEM., ENV., PS&E & CPS
III.J. Miscellaneous Roadway
III.J.2 Geotechnical Borings and Investigations

FIELD OPERATIONS		QUANTITY	UNIT	UNIT PRICE	TOTAL
Mob/Demob Drill Rig and Support Trucks		1	LS	\$ 133,056.00	\$ 133,056.00
Perform 9 -100 feet bores and 2-110 feet					
BUILDING AND PAVEMENT FOUNDATION					
RECOMMENDATION					
Drilling	20 vf per bore or refusal	5	Bores	\$ 370.00	\$ 1,850.00
Mobilization	Rig	300	Miles	\$ 3.50	\$ 1,050.00
Support Truck		300	Miles	\$ 2.00	\$ 600.00
Field Loggers	(3 Techs)	17	Days	\$ 2,145.00	\$ 36,465.00
Logger Trucks	(3 Each)	17	Days	\$ 330.00	\$ 5,610.00
Per Diem (Loggers)	(2 Loggers)	17	Nights	\$ 470.00	\$ 7,990.00
			Field Operation Subtotal		\$ 259,646.00
LABORATORY TESTS		QUANTITY	UNIT	UNIT PRICE	TOTAL
Atterberg Limits (PI)		185	Each	\$ 95.00	\$ 17,575.00
Minus 200 Sieve		185	Each	\$ 85.00	\$ 15,725.00
Unconfined Compressive Strength		12	Each	\$ 105.00	\$ 1,260.00
Moisture Content		185	Each	\$ 18.00	\$ 3,330.00
Sulfate Content		10	Each	\$ 110.00	\$ 1,100.00
Chloride Content		12	Each	\$ 110.00	\$ 1,320.00
Consolidation		6	Each	\$ 950.00	\$ 5,700.00
Triaxial		10	Each	\$ 1,750.00	\$ 17,500.00
Unit Weight		10	Each	\$ 165.00	\$ 1,650.00
			Laboratory Testing Total		\$ 65,160.00
ENGINEERING & REPORT		QUANTITY	UNIT	UNIT PRICE	TOTAL
Field Engineer		144	Hours	\$ 180.00	\$ 25,920.00
Engineer		110	Hours	\$ 255.00	\$ 28,050.00
Drafting		10	Hours	\$ 90.00	\$ 900.00
Administration		40	Hours	\$ 65.00	\$ 2,600.00
Global Stability		2	LS	\$ 23,850.00	\$ 47,700.00
			Engineering		\$ 105,170.00
			TOTAL		\$ 429,976.00

- Laboratory testing includes, as they are appropriate to the soil conditions, Atterberg Limits tests which are indicators of soil expansiveness and soil behavior when remolded, approximate strength tests based on automatic standard penetration tests, dynamic cone penetration (DCP) tests and California Bearing Ration (CBR) tests, natural moisture content determinations, clay content and grain size distributions tests.
- Utility Line Locates by others, we will only contact 811 for their line locates.
- Proposal valid for 30 days
- Start date April 2026 or sooner.
- Bore hole locations and quantity as provided by consulting engineer, including two near river edge.
- Payment and performance bonds or any type of access work permits are excluded and not applicable.
- RQd Rock Quality Determination is equivalent to sumation of all unit costs for laboratory testing items.
- To minimize fee, not all samples are tested.
- Drill Rig/Crew Standby time, if wet weather prevents us from entering river banks, or imminent weather that will prevent drilling crew from operating. \$ 7500.00/Day
- Backfill of bore holes utilizing excavated hole soil.

UTILITIES and PIPELINES/SUBSURFACE INDEMNIFICATION: While performing our fieldwork, we will take reasonable precautions to avoid damage to sub-surface structures, pipelines and utilities. CLIENT AGREES TO HOLD CONSULTANT HARMLESS FROM ALL CLAIMS, SUITS LOSSES, COSTS AND EXPENSES INCLUDING REASONABLE ATTORNEY FEES AS A RESULT OF PERSONAL INJURY, DEATH OR PROPERTY DAMAGE OCCURRING WITH RESPECT TO THE PERFORMANCE OF OUR WORK AND ARISING FROM SUBSURFACE CONDITIONS WHICH ARE NOT CALLED TO OUR ATTENTION AND/OR CORRECTLY SHOWN ON PLANS FURNISHED

SUBPROVIDER: RODS, Inc.
Colombia Solidarity International Bridge Expansion WA#1
III. SCHEM., ENV., PS&E & CPS
IIIE Right-of-Way - Utility Activities
Colombia Solidarity International Bridge Expansion

II.E.1 Utility Engineering Investigation Subsurface Utility Engineering (SUE)	Project Manager (15+)	Administrative /Clerical	Senior Engineer (15+)	Engineer-In Training II (3+)	Utility Coordinator Senior (10 to 15)	Engineering Technician Senior (10 to 15)	CADD Operator Senior (10 to 15)	TOTAL LABOR HRS AND COSTS
Prepare CADD Utility Base Map and Existing Utility Layout Sheets	1		1	5	2	10	20	\$4,661.00
SUE/Project coordination with LJA Design Team	4		2	10	30	6	12	\$9,836.00
SUE/Project Coordination with Utility Owners, GSA and City of Laredo	2		1	5	30		12	\$8,260.00
SUE Field Designation of Above Ground Utility Features	4		3	3	8	6	12	\$5,165.00
Sub-Total Hours	11	0	7	23	70	25	56	192
CONTRACT RATE PER HOUR	\$ 206.00	\$ 103.00	\$ 185.00	\$ 128.00	\$ 180.00	\$ 113.00	\$ 107.00	
TOTAL LABOR COST	\$ 2,266.00	\$ -	\$ 1,295.00	\$ 2,944.00	\$ 12,600.00	\$ 2,825.00	\$ 5,992.00	\$27,922.00
% Distribution of Staffing	8.12%	0.00%	4.64%	10.54%	45.13%	10.12%	21.46%	100.00%
SUBTOTAL FC 135(135)								\$27,922.00
SUBCONTRACTING								
Survey of QLB SUE Investigation (RODS Surveying)								\$12,000.00
Survey for Utility Verification (RODS Surveying)								\$6,000.00
SUBTOTAL SUBCONTRACTING								\$18,000.00
OVERALL TOTAL								\$45,922.00

- Notes:
- Right-of-Entry is the responsibility of LJA and will be supplied to RODS SUE before fieldwork commences.
 - Test holes will be invoiced according to the depth actually excavated.
 - Test hole unit cost includes excavation, CADD and engineering of test hole data sheet.
 - Test holes will be attempted at the top center of the utility.
 - Excavation to be performed via non-destructive excavation.
 - Surveying for the QLB markings to be provided by RODS Surveying using surveying control provided by LJA.

II.E.1 Utility Engineering Investigation Subsurface Utility Engineering (SUE)	ESTIMATED QUANTITY	RATE	UNIT	TOTAL ESTIMATED COST
SUE (Quality Level D)				
Includes labor and equipment for records research and CADD (Including overhead utilities) For overhead utilities measurement for payment will be LF per utility owner	2,611	\$0.95	LF	\$2480.45
SUE (Quality Level C)				
Includes labor and equipment for records research, CADD, and surveying (including overhead utilities) per utility owner. For overhead utilities measurement for payment will be LF per utility owner (Appurtenances must be surveyed)	8,910	\$1.15	LF	\$10,246.50
QL-D&C SUBTOTAL			Subtotal	\$12,726.95
SUE (Quality Level B - Utility Designation)				
Includes labor and equipment for records research, designating, engineering, CADD, mapping and limited traffic control	23,290	\$2.20	LF	\$51,238.00
Subsurface Utility Engineering (SUE) Field Services				
One (1) Designating Person with equipment	60	\$175.00	Hour	\$10,500.00
Two (2) Designating Person with equipment	60	\$242.00	Hour	\$14,520.00
QL-B SUBTOTAL			Subtotal	\$76,258.00

Other Direct Expenses				
III.D.FC 135.1 Utility Engineering Investigation (Subsurface Utility Engineering (SUE))	Estimated Quantity	Authorized Rate	Unit	Total Estimated Cost
QLB Expenses				
Mileage for QLB Designation Vehicle	720	\$0.70	Mile	\$504.00
Lodging/Hotel - Taxes and Fees - 3 person QLB Crew	18	\$110.00	Day/Person	\$1,980.00
Lodging/Hotel (Taxes/fees not included) - 3 person QLB Crew	18	\$45.00	Day/Person	\$810.00
Meals (Excluding alcohol & tips) (Overnight stay required) - 3 person QLB Crew	18	\$68.00	Day/Person	\$1224.00
QLA Expenses				
Mileage for QLB Designation Vehicle		\$0.70	Mile	\$0.00
Lodging/Hotel - Taxes and Fees - 3 person QLA Crew		\$110.00	Day/Person	\$0.00
Lodging/Hotel (Taxes/fees not included) - 3 person QLA Crew		\$45.00	Day/Person	\$0.00
Meals (Excluding alcohol & tips) (Overnight stay required) - 3 person QLA Crew		\$68.00	Day/Person	\$0.00
Traffic Control Services, Arrow Boards and Attenuator trucks - (Includes labor, equipment and fuel)		\$5,200.00	Day/Person	\$0.00
Pavement Coring & Replacement Materials (Up to 12" thickness)		\$300.00	Each	\$0.00
OTHER DIRECT EXPENSES			Subtotal	\$4,518.00

II.E.2 Utility Adjustment Coordination	Project Manager (15+)	Administrative /Clerical	Senior Engineer (15+)	Engineer-In Training II (3+)	Utility Coordinator Senior (10 to 15)	Engineering Technician Senior (10 to 15)	CADD Operator Senior (10 to 15)	TOTAL LABOR HRS AND COSTS
Prepare and maintain work plan (One-Call and Site Visit)	1	0	1	2	3	4	4	\$2,067.00
Coordinate, communicate, and conduct meetings concerning utility adjustments	1		5	1	2	2	10	\$3,157.00
Schedule and attend meetings and prepare meeting minutes	1		5	1	1	2	3	\$2,375.00
Prepare, submit, and maintain utility conflict matrix, action log, and perform document control	1		5	1	2	6	2	\$3,003.00
Assist with utility conflict analysis and resolution	1	0	1	2	8	3	6	\$3,068.00
Provide monthly utility status reports	3		2	1	8	3	6	\$3,558.00
Prepare Notice of Proposed Construction (NOPC) forms and associated documentation	1		2	1	1	6	2	\$2,459.00
Prepare Notice of Required Accommodation (NORA) forms and associated documentation	1		2	1	1	6	2	\$2,459.00
Utility relocation coordination with Utility Providers	1	0		1	3	0	6	\$2,737.00
Review Utility relocation plans for conformance to UAR and TAC	1	0		1	6	9	3	\$3,760.00
	12		21	10	21	50	33	210
CONTRACT RATE PER HOUR	\$ 206.00	\$ 103.00	\$ 185.00	\$ 128.00	\$ 180.00	\$ 113.00	\$ 107.00	
TOTAL LABOR COST	\$ 2,472.00	\$ 2,163.00	\$ 1,850.00	\$ 2,688.00	\$ 9,000.00	\$ 3,729.00	\$ 6,741.00	\$28,643.00
% Distribution of Staffing	8.63%	7.55%	6.46%	9.38%	31.42%	13.02%	23.53%	100.00%
SUBTOTAL FC 135(135)								\$28,643.00
OVERALL TOTAL								\$28,643.00

II.E.3 Utility Adjustment Monitoring and Verification	Project Manager (15+)	Administrative /Clerical	Senior Engineer (15+)	Engineer-In Training II (3+)	Utility Coordinator Senior (10 to 15)	Engineering Technician Senior (10 to 15)	CADD Operator Senior (10 to 15)	TOTAL LABOR HRS AND COSTS
Utility relocation verification with Utility Providers	1		1	5	15	5	10	\$5,366.00
Maintain complete set of records (As-Built for Utility Adjustments)	1		5	1	5	8	10	\$4,621.00
	2		5	2	10	23	20	72
CONTRACT RATE PER HOUR	\$ 206.00	\$ 103.00	\$ 185.00	\$ 128.00	\$ 180.00	\$ 113.00	\$ 107.00	
TOTAL LABOR COST	\$ 412.00	\$ 515.00	\$ 370.00	\$ 1,280.00	\$ 4,140.00	\$ 1,130.00	\$ 2,140.00	\$9,987.00
% Distribution of Staffing	4.13%	5.16%	3.70%	12.82%	41.45%	11.31%	21.43%	100.00%
SUBTOTAL FC 135(135)								\$9,987.00
OVERALL TOTAL								\$9,987.00

SUE LABOR		\$45,922.00
QL-C&D SUE TOTAL	Unit Cost	\$12,726.95
QL-B SUE TOTAL	Unit Cost	\$76,258.00
QL-A SUE TOTAL	Unit Cost	\$0.00
ODE TOTAL		\$4,518.00
SUE TOTAL		\$139,424.95
UC TOTAL		\$28,643.00
UV TOTAL		\$9,987.00
GRAND TOTAL		\$178,054.95

SUB PROVIDER NAME: JMT-SEA												
Colombia Solidarity International Bridge Expansion WA#1												
II. Bi-National & Stakeholder Project Development Meetings												
II.A Bi-National & Stakeholder Project Development Meetings, Consultations & Coordination		Project Manager	Sr. Bridge Engineer	Bridge Engineer	EIT	CADD Operator	King Advising Hours	King Advising Rate	King Advising Amount	Other Direct Expense	JMT-SEA Total Hours	Fee
II.A	CONTINUED BI-NAT & STAKEHOLDER MTGS	40		18			24	\$375.00	\$9,000.00	\$19,200.00	58	\$45,760.00
	SUBTOTAL	40	-	18	-	-	24		\$9,000.00	\$19,200.00	58	\$45,760.00
II.C Participation at U.S.-Mexico Binational Bridges and Border Crossings Group Meeting (BBBXG), U.S.-Mexico Joint Working Committee (JWC) and Other Applicable Meetings/ Conferences		Project Manager	Sr. Bridge Engineer	Bridge Engineer	EIT	CADD Operator	King Advising Hours	King Advising Rate	King Advising Amount	Other Direct Expense	JMT-SEA Total Hours	Fee
II.C	CONTINUED BBBXG/JWC/OTHER MTGS	25		10			36	\$375.00	\$13,500.00	\$20,000.00	35	\$44,200.00
	SUBTOTAL	25	-	10	-	-	36		\$13,500.00	\$20,000.00	35	\$44,200.00
III. SCHEM., ENV., PS&E & CPS												
III.B Route and Design Studies - Geometric Schematic		Project Manager	Sr. Bridge Engineer	Bridge Engineer	EIT	CADD Operator	King Advising Hours	King Advising Rate	King Advising Amount	Other Direct Expense	JMT-SEA Total Hours	Fee
III.B.4	BRIDGE LAYOUT											
	CONCEPTUAL ENGINEERING											
	PREPARE CONCEPTUAL PLANS	200	100	100		220					620	\$153,920.00
	COORDINATION OF CONCEPTUAL PLANS	90	40								130	\$43,320.00
	ASSIST WITH BRIDGE SCHEMATIC										0	\$0.00
	SUBTOTAL	290	140	100	-	220	-		\$0.00	\$0.00	750	\$197,240.00
S	TOTAL	355	140	128	-	220	60		\$22,500.00	\$39,200.00	843	\$287,200.00