



PHONE (605) 225-1212 TOLL FREE 1-888-378-4394

ATTACHMENT "B"

SUMMARY OF ENGINEERING COSTS

PAVEMENT MAINTENANCE GARBERVILLE AIRPORT GARBERVILLE, CALIFORNIA

		PROJECT TOTAL
SECTION 1		
PROJECT DEVELOPMENT (ELEMENT 1)	\$10,113.42	
PRELIMINARY DESIGN (ELEMENT 1)	\$16,472.25	
FINAL DESIGN (ELEMENT 1)	\$8,469.59	
PROJECT CLOSEOUT (ELEMENT 1)	\$6,559.92	
SPECIAL SERVICES (ELEMENT 1)		
LUMP SUM TOTAL	\$43,696.45	\$43,696.45
SECTION 2		
BIDDING SERVICES	\$4,968.43	
LUMP SUM TOTAL	\$4,968.43	\$4,968.43
	ψ 1,5 00.15	Ψ 1,500.15
SECTION 3		
CONSTRUCTION ADMINISTRATION		
COSTS	\$11,455.80	
**FIXED FEE	\$1,424.24	
TOTAL	\$12,880.04	\$12,880.04
SECTION 4		
CONSTRUCTION OBSERVATION		
COSTS	\$32,847.32	
**FIXED FEE	\$3,992.73	
TOTAL	\$36,840.05	\$36,840.05
TOTAL PROJE	CT ENGINEERING SERVICES	\$98,384.97

ATTACHMENT "B" SECTION I, PHASE I PAVEMENT MAINTENANCE GARBERVILLE AIRPORT PROJECT DEVELOPMENT (ELEMENT 1)

	Duo:	Duo:		Duo:	Dun:	Lond	Tools	Tools	Duoinat	Clarical
W ID ''	Proj.	Proj.		Proj.	Proj.	Land	Tech.	Tech.	Project	Clerical
Work Description	Man.	Man. / Assoc		Engr. I	Engr. IV	Surveyor II	III		Administrator	II
	(hrs)	(hrs)		(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)
1 Conduct PreDesign Conference	0	0		2	0	0	0	0	0	0
Develop Prelim Cost Estimates and Concept Layouts Develop Prelim Cost Estimates and Concept Layouts	0	1		2	0	0	0	0	0	0
3 Develop Detailed SOW	0	1		2	0	0	0	0	0	0
4 Develop Detailed Fee Estimate	0	1		2	0	0	0	0	0	0
5 Conduct Fee Negotiations and Prepare RON	0	2		0	0	0	0	0	0	0
6 Prepare Final Agreement and Coordinate Final Approval and Signatures	0	1		0	0	0	0	0	0	2
7 Prepare Prelim FAA Grant Application	0	0		2	0	0	0	0	0	0
8 Prepare Monthly Invoicing and FAA Grant Drawdown Packets	0	2		0	0	0	0	0	0	2
9 Project Management and Administration										
a. Internal Progress Meetings	0	0		2	0	0	0	2	0	0
b. Conduct Coordination Meetings	0	0		2	0	0	0	0	0	0
c. Project Correspondence	0	0		2	0	0	0	0	0	0
d. Perfom Business Aspects of Project	0	0		2	0	0	0	0	0	0
e. Perform Grant Admin	0	0		2	0	0	0	0	0	4
10 Participate in Airport Users Group Meetings	0	0		2	0	0	0	0	0	0
TOTAL HOURS	0	8		22	0	0	0	2	0	8
	Hours			Rate \$/hr			-			
Project Manager	0	@	\$	115.00	=	\$ -				
Project Manager / Associate	8	@	\$	95.00	=	\$ 760.00				
Project Engineer I	22	@	\$	49.00	=	\$ 1,078.00				
Project Engineer IV	0	@	\$	40.00	=	\$ -				
Land Surveyor II	0	@	\$	45.80	=	\$ -				
Technician III	0	@	\$	36.00	=	\$ -				
Technician I	2	@	\$	38.00	=	\$ 76.00				
Project Administrator	0	@	\$	47.00	=	\$ -				
Clerical II	8	@	\$	22.30	=	\$ 178.40	•			
			SUI	BTOTAL (1)		\$ 2,092.40				
							-			
TOTAL DIRECT LABOR COST		Subtotal (1)			=	\$ 2,092.40				
DIRECT LABOR OVERHEAD \$	2,092.40) wages x		0.68594	=	\$ 1,435.26				
GENERAL & ADMIN. OVERHEAD \$	2,092.40) wages x		1.19557	=	\$ 2,501.61	<u> </u>			
			SUI	BTOTAL (2)		\$ 6,029.27				
							_			
PROFIT (P) AT 15% OF SUBTOTAL (2)	0.1	5 (P) x	\$	6,029.27	=	\$ 904.39				
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303 x			\$	2,092.40	=	\$ 48.19				
MILEAGE		0 Mi. @	\$	0.3346	=	\$ -				
ADDITIONAL COSTS:			Mea	als	=	\$ -				
			Lod	lging	=	\$ -				
			Airf	fare	=	\$ -				
			Ren	tal Car	=	\$ -				
OUTSIDE CONSULTANT @ COST					=	\$ -	<u>.</u>			

TOTAL \$ 6,981.85 *REVISED TOTAL \$ 10,113.42

*Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION I, PHASE II PAVEMENT MAINTENANCE GARBERVILLE AIRPORT PRELIMINARY DESIGN (ELEMENT 1)

	Proj.	Proj.	Proj.	Proj.	Land	Tech.	Tech.	Project	Clerical
Work Description	Man.	Man. / Assoc	Engr. I	Engr. IV	Surveyor II	III	I	Administrator	II
	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)
1 Topographical Survey - Not Required	0	0	0	0	0	0	0	0	0
2 Geotechnical Investigation - Not Required	0	0	0	0	0	0	0	0	0
3 Prepare Overall CSPP	0	0	2	0	0	0	8	0	0
4 Review and Evaluate Project Layout	0	0	2	0	0	0	4	0	0
5 Evaluate Local Conditions	0	0	0	0	0	0	0	0	0
6 Prepare Prelim Construction Plans	0	0	8	0	0	0	32	0	0
7 Prepare Prelim Contract Docs	0	0	4	0	0	0	0	0	0
8 Prepare Prelim Tech Specs	0	0	4	0	0	0	0	0	0
9 Prepare Prelim Special Provisions	0	0	4	0	0	0	0	0	0
10 Prepare FAA MOS	0	0	4	0	0	0	0	0	0
11 Conduct Prelim Review of Documents	0	2	2	0	0	0	2	0	0
TOTAL HOURS	0	2	30	0	0	0	46	0	0
	Hours		Rate \$/hr						
Project Manager	0	@	\$ 115.00	=	\$ -	•			
Project Manager / Associate	2	@	\$ 95.00	=	\$ 190.00				
Project Engineer I	30	@	\$ 49.00	=	\$ 1,470.00				
Project Engineer IV	0	@	\$ 40.00	=	\$ -				
Land Surveyor II	0	@	\$ 45.80	=	\$ -				
Technician III	0	@	\$ 36.00	=	\$ -				
Technician I	46	@	\$ 38.00	=	\$ 1,748.00				
Project Administrator	0	@	\$ 47.00	=	\$ -				
Clerical II	0	@	\$ 22.30	=	\$ -				

SUBTOTAL (1)

TOTAL DIRECT LABOR COST		Subtotal (1)		=	\$ 3,408.00
DIRECT LABOR OVERHEAD	\$	3,408.00 wages x	0.68594	=	\$ 2,337.68
GENERAL & ADMIN. OVERHEAD	\$	3,408.00 wages x	1.19557	=	\$ 4,074.50
			SUBTOTAL (2)		\$ 9,820.18
PROFIT (P) AT 15% OF SUBTOTAL (2)		0.15 (P) x	\$ 9,820.18	=	\$ 1,473.03
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.0	2303 x		\$ 3,408.00	=	\$ 78.49
MILEAGE		0 Mi. @	\$ 0.3346	=	\$ -
ADDITIONAL COSTS:			Meals	=	\$ -
			Lodging	=	\$ -
			Airfare	=	\$ -
			Rental Car	=	\$ _

TOTAL \$ 11,371.70 *REVISED TOTAL \$ 16,472.25

\$ 3,408.00

OUTSIDE CONSULTANT @ COST

^{*}Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION 1, PHASE III PAVEMENT MAINTENANCE GARBERVILLE AIRPORT FINAL DESIGN (ELEMENT 1)

	Proj.	Proj.	Proj.	Proj.	Land	Tech.	Tech.	Project	Clerical
Work Description	Man.	Man. / Assoc	Engr. I	Engr. IV	Surveyor II	III	I	Administrator	II
	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)
1 Incorporate prelim design comments	0	0	2	0	0	0	4	0	0
2 Calculate Estimated Quantities	0	0	2	0	0	0	0	0	0
3 Prepare Estimate of Probable Const Cost	0	0	2	0	0	0	0	0	0
4 Prepare Engineer's Design Report	0	0	8	0	0	0	0	0	0
5 Develop Work Schedules	0	0	2	0	0	0	0	0	0
6 Submit Final CSPP	0	0	2	0	0	0	2	0	0
7 Prepare 95% Design/Bid Documents	0	0	2	0	0	0	0	0	0
8 Submit 95% Design/Bid Documents	0	0	2	0	0	0	0	0	0
9 Incorporate 95% Design Review Comments	0	0	2	0	0	0	4	0	0
10 Conduct Final Internal Review of Design Documents	0	0	1	0	0	0	1	0	0
11 Prepare and Submit Final Design/Bid Documents	0	0	1	0	0	0	1	0	1

TOTAL HOURS	0	0	26	0	0	0	12	0	1

	Hours		R	ate \$/hr		
Project Manager	0	@	\$	115.00	=	\$ -
Project Manager / Associate	0	@	\$	95.00	=	\$ -
Project Engineer I	26	@	\$	49.00	=	\$ 1,274.00
Project Engineer IV	0	@	\$	40.00	=	\$ -
Land Surveyor II	0	@	\$	45.80	=	\$ -
Technician III	0	@	\$	36.00	=	\$ -
Technician I	12	@	\$	38.00	=	\$ 456.00
Project Administrator	0	@	\$	47.00	=	\$ -
Clerical II	1	@	\$	22.30	=	\$ 22.30
			SUB	ΓΟΤΑL (1)		\$ 1,752.30
TOTAL DIRECT LABOR COST		Subtotal (1)			=	\$ 1,752.30
DIRECT LABOR OVERHEAD	\$ 1,752.30	wages x		0.68594	=	\$ 1,201.97
GENERAL & ADMIN. OVERHEAD	\$ 1,752.30	wages x		1.19557	=	\$ 2,095.00

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		SUBTOTAL (2)		\$ 5,049.27
PROFIT (P) AT 15% OF SUBTOTAL (2)	0.15 (P) x	\$ 5,049.27	=	\$ 757.39
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303 x		\$ 1,752.30	=	\$ 40.36
MILEAGE	0 Mi. @	\$ 0.3346	=	\$ -
ADDITIONAL COSTS:		Meals	=	\$ -
		Lodging	=	\$ -
		Airfare	=	\$ -
		Rental Car	=	\$ -
OUTSIDE CONSULTANT @ COST			=	\$

TOTAL \$ 5,847.02 *REVISED TOTAL \$ 8,469.59

^{*}Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION I, PHASE IV PAVEMENT MAINTENANCE GARBERVILLE AIRPORT PROJECT CLOSEOUT (ELEMENT 1)

Project

Administrator (hrs)

4

0

4

8

Clerical II

(hrs)

4

0

0

4

Work Description										
Work Description		Proj.	Proj.		Proj.	Proj.		Land	Tech.	Tech.
Work Description		Man.	Man. / Assoc		Engr. I	Engr. IV	S	urveyor II	III	I
		(hrs)	(hrs)		(hrs)	(hrs)		(hrs)	(hrs)	(hrs)
1 Assist Sponsor with Grant Closeout Docs		0	0		4	0		0	0	0
2 Prepare Record Drawings		0	0		4	0		0	0	8
3 Prepare Final Report		0	0		4	0		0	0	0
TOTAL HOURS		0	0		12	0		0	0	8
		Hours		F	Rate \$/hr					
Project Manager		0	@	\$	115.00	=	\$	-		
Project Manager / Associate		0	@	\$	95.00	=	\$	-		
Project Engineer I		12	@	\$	49.00	=	\$	588.00		
Project Engineer IV		0	@	\$	40.00	=	\$	-		
Land Surveyor II		0	@	\$	45.80	=	\$	-		
Technician III		0	@	\$	36.00	=	\$	-		
Technician I		8	@	\$	38.00	=	\$	304.00		
Project Administrator		8	@	\$	47.00	=	\$	376.00		
Clerical II		4	@	\$	22.30	=	\$	89.20		
				SUB	STOTAL (1)		\$	1,357.20		
TOTAL DIRECT LABOR COST			Subtotal (1)			=	\$	1,357.20		
DIRECT LABOR OVERHEAD	\$	1,357.20			0.68594	=	\$	930.96		
GENERAL & ADMIN. OVERHEAD	\$	1,357.20			1.19557	=	\$	1,622.63		
				SUB	STOTAL (2)		\$	3,910.79		
PROFIT (P) AT 15% OF SUBTOTAL (2)		0.15	(P) x	\$	3,910.79	=	\$	586.62		
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303	3 x			\$	1,357.20	=	\$	31.26		
MILEAGE		0	Mi. @	\$	0.3346	=	\$	-		
ADDITIONAL COSTS:				Mea	ls	=	\$	-		
				Lodg	ging	=	\$	-		
				Airfa	are	=	\$	-		
				Rent	al Car	=	\$	-		
						=	\$	-		
OUTSIDE CONSULTANT @ COST										
OUTSIDE CONSULTANT @ COST				TOT	ΓΔΙ		\$	4,528.67		

^{*}Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION I, PHASE V PAVEMENT MAINTENANCE GARBERVILLE AIRPORT SPECIAL SERVICES (ELEMENT 1)

	Proj.	Proj.		Proj.	Proj.		Land	Tech.	Tech.	Project	Clerical
Work Description	Man.	Man. / Assoc		Engr. I	Engr. IV	Su	ırveyor II	III	I	Administrator	II
	(hrs)	(hrs)		(hrs)	(hrs)		(hrs)	(hrs)	(hrs)	(hrs)	(hrs)
1 Categorical Exclusion Form	0	2		4	0		0	0	0	0	2
TOTAL HOURS	0	2		4	0		0	0	0	0	2
	Hours		R	Rate \$/hr							
Project Manager	0	@	\$	115.00	=	\$	-				
Project Manager / Associate	2	@	\$	95.00	=	\$	190.00				
Project Engineer I	4	@	\$	49.00	=	\$	196.00				
Project Engineer IV	0	@	\$	40.00	=	\$	-				
Land Surveyor II	0	@	\$	45.80	=	\$	-				
Technician III	0	@	\$	36.00	=	\$	-				
Technician I	0	@	\$	38.00	=	\$	-				
Project Administrator	0	@	\$	47.00	=	\$	-				
Clerical II	2	@	\$	22.30	=	\$	44.60				
			SUB	TOTAL (1)		\$	430.60				
TOTAL DIRECT LABOR COST		Subtotal (1)			=	\$	430.60				
DIRECT LABOR OVERHEAD \$		wages x		0.68594	=	\$	295.37				
GENERAL & ADMIN. OVERHEAD \$	430.60	wages x		1.19557	=	\$	514.81				
			SUB	TOTAL (2)		\$	1,240.78				
PROFIT (P) AT 15% OF SUBTOTAL (2)	0.13	5 (P) x	\$	1,240.78	=	\$	186.12				
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303 x		` '	\$	430.60	=	\$	9.92				
MILEAGE	(0 Mi. @	\$	0.3346	=	\$	-				
ADDITIONAL COSTS:			Meal	ls	=	\$	-				
			Lodg		=	\$	-				
			Airfa	_	=	\$	-				
			Renta	al Car	=	\$	-				
OUTSIDE CONSULTANT @ COST					=	\$	-				
			ТОТ	AL		\$	1,436.82				
		*R]		ED TOTAL		\$	2,081.28				
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^{*}Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION 2 PAVEMENT MAINTENANCE GARBERVILLE AIRPORT BIDDING SERVICES

	Proj.	Proj.	I	Proj.	Proj.	Land		Tech.	Tech.	Project	Clerical
Work Description	Man.	Man. / Assoc	E	ngr. I	Engr. IV	Surveyor	II	III	I	Administrator	II
	(hrs)	(hrs)	((hrs)	(hrs)	(hrs)		(hrs)	(hrs)	(hrs)	(hrs)
1 Assist Sponsor with Advertising Invitation for Bids	0	0		4	0	0		0	0	0	4
2 Provide technical assistance during bidding	0	0		4	0	0		0	0	0	0
3 Attend and assist with prebid meeting	0	0		4	0	0		0	0	0	0
4 Attend Bid Opening	0	0		2	0	0		0	0	0	4
5 Prepare abstract of bids	0	0		2	0	0		0	0	0	2
6 Update FAA grant application	0	0		2	0	0		0	0	0	0
7 Assist in Award Notification	0	0		4	0	0		0	0	4	0
TOTAL HOURS	0	0		22	0	0		0	0	4	10
	Hours		Ra	te \$/hr							
Project Manager	0	@	\$	115.00	=	\$	_				
Project Manager / Associate	0	@	\$	95.00	=	\$	-				
Project Engineer I	22	@	\$	49.00	=	\$ 1,078	3.00				
Project Engineer IV	0	@	\$	40.00	=	\$	-				
Land Surveyor II	0	@	\$	45.80	=	\$	-				
Technician III	0	@	\$	36.00	=	\$	-				
Technician I	0	@	\$	38.00	=	\$	-				
Project Administrator	4	@	\$	47.00	=	\$ 188	3.00				
Clerical II	10	@	\$	22.30	=	\$ 223	3.00				
			SUBT	OTAL (1)		\$ 1,489	0.00				
TOTAL DIRECT LABOR COST		Subtotal (1)			=	\$ 1,489	0.00				
	\$ 1,489.00	wages x		0.68594	=	\$ 1,021					
		wages x		1.19557	=	\$ 1,780					
		•	SUBT	OTAL (2)		\$ 4,290					
PROFIT (P) AT 15% OF SUBTOTAL (2)	0.15	5 (P) x	\$	4,290.56	=	\$ 643	3.58				
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303 x		` /		1,489.00	=		1.29				
MILEAGE		Mi. @	\$	0.3346	=	\$	_				
ADDITIONAL COSTS:			Meals		=	\$	_				
			Lodgii		=	\$	_				
			Airfar	_	=	\$	_				
			Rental		=	\$	_				
OUTSIDE CONSULTANT @ COST					=	\$					
		*RI	TOT <i>A</i> EVISEI	AL D TOTAL		\$ 4,968 \$ 7,196					

^{*}Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION 3 PAVEMENT MAINTENANCE GARBERVILLE AIRPORT CONSTRUCTION ADMINISTRATION

	Proj.	Proj.	Proj.	Proj.	Land	Tech.	Tech.	Project	Clerical
Work Description	Man.	Man. / Assoc	Engr. I	Engr. IV	Surveyor II	III	I	Administrator	II
	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)
1 Coordinate Const Contract Documents	0	0	2	0	0	0	0	2	0
2 Provide Sponsor and FAA with Contract Documents	0	0	2	0	0	0	0	0	4
3 Review and Accept Contractor SPCD	0	0	2	0	0	0	0	0	0
4 Conduct Pre-Construction Conference	0	2	4	0	0	2	0	0	0
5 Identify local survey control points	0	0	0	0	2	2	0	0	0
6 Provide Technical Assistance During Construction	0	0	4	0	0	0	0	0	0
7 Construction Site Visits	0	0	16	0	0	0	0	0	0
8 Prepare Change Orders and Supplemental Agreements	0	0	2	0	0	0	0	0	0
9 Review and Certify Monthly Contractor Pay Requests	0	0	2	0	0	0	0	0	0

TOTAL HOURS	0	2		34	0	2
	Hours		R	ate \$/hr		
Project Manager	0	@	\$	115.00	=	\$ _
Project Manager / Associate	2	@	\$	95.00	=	\$ 190.00
Project Engineer I	34	@	\$	49.00	=	\$ 1,666.00
Project Engineer IV	0	@	\$	40.00	=	\$ -
Land Surveyor II	2	@	\$	45.80	=	\$ 91.60
Technician III	4	@	\$	36.00	=	\$ 144.00
Technician I	0	@	\$	38.00	=	\$ -
Project Administrator	2	@	\$	47.00	=	\$ 94.00
Clerical II	4	@	\$	22.30	=	\$ 89.20
			SUB	TOTAL (1)		\$ 2,274.80
TOTAL DIRECT LABOR COST		Subtotal (1)			=	\$ 2,274.80
DIRECT LABOR OVERHEAD	\$ 2,274.80	wages x		0.68594	=	\$ 1,560.38

DIRECT LABOR OVERHEAD 5	2,274.80 wages x	0.08394	_	Ф	1,300.38
GENERAL & ADMIN. OVERHEAD \$	2,274.80 wages x	1.19557	=	\$	2,719.68
		SUBTOTAL (2)		\$	6,554.86
PROFIT (P) AT 15% OF SUBTOTAL (2)	0.15 (P) x	\$ 6,554.86	=	\$	983.23
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303 x		\$ 2,274.80	=	\$	52.39
MILEAGE	0 Mi. @	\$ 0.3346	=	\$	-
ADDITIONAL COSTS:		Meals	=	\$	207.00
		Lodging	=	\$	348.00
		Airfare	=	\$	1,000.00
		Rental Car	=	\$	330.00
OUTSIDE CONSULTANT @ COST			=	\$	_

TOTAL \$ 9,475.48 *REVISED TOTAL \$ 12,880.04 0

^{*}Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

ATTACHMENT "B" SECTION 4 PAVEMENT MAINTENANCE GARBERVILLE AIRPORT CONSTRUCTION OBSERVATION

Proj.	Proj.	Proj.	Proj.	Land	Tech.	Tech.	Project	Clerical
Man.	Man. / Assoc	Engr. I	Engr. IV	Surveyor II	III	XI	Administrator	II
(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)	(hrs)
0	0	4	0	0	0	0	0	0
0	0	0	0	0	126	0	0	0
0	0	4	0	0	0	0	0	4
0	0	16	0	0	16	0	0	0
	Man.	Man. Man. / Assoc	Man. Man. / Assoc Engr. I	Man. Man. / Assoc Engr. I Engr. IV	Man. Man. / Assoc Engr. I Engr. IV Surveyor II	Man. Man. / Assoc (hrs) Engr. I (hrs) Engr. IV (hrs) Surveyor II (hrs) III (hrs) 0 0 4 0 0 0 0 0 0 0 0 126 0 0 4 0 0 0 0 0 4 0 0 0	Man. Man. / Assoc (hrs) Engr. I (hrs) Engr. IV (hrs) Surveyor II (hrs) III (hrs) XI (hrs) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0	Man. Man. / Assoc (hrs) Engr. I (hrs) Engr. IV (hrs) Surveyor II (hrs) III (hrs) XI (hrs) Administrator (hrs) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 24 0 0 142

	Hours		R	Rate \$/hr			
Project Manager	0	@	\$	115.00	=	\$	_
Project Manager / Associate	0	@	\$	95.00	=	\$	-
Project Engineer I	24	@	\$	49.00	=	\$	1,176.00
Project Engineer IV	0	@	\$	40.00	=	\$	-
Land Surveyor II	0	@	\$	45.80	=	\$	-
Technician III	142	@	\$	36.00	=	\$	5,112.00
Technician XI	0	@	\$	25.00	=	\$	-
Project Administrator	0	@	\$	47.00	=	\$	-
Clerical II	4	@	\$	22.30	=	\$	89.20

		SU	BTOTAL (1)		\$ 6,377.20
TOTAL DIRECT LABOR COST	Subtotal (1)			=	\$ 6,377.20
	\$ 6,377.20 wages x		0.68594	=	\$ 4,374.38
GENERAL & ADMIN. OVERHEAD	\$ 6,377.20 wages x		1.19557	=	\$ 7,624.39
		SU	BTOTAL (2)		\$ 18,375.97
PROFIT (P) AT 15% OF SUBTOTAL (2)	0.15 (P) x	\$	18,375.97	=	\$ 2,756.40
COST OF MONEY @ 2.303% OF SUBTOTAL (1) 0.02303 x		\$	6,377.20	=	\$ 146.87
MILEAGE	2700 Mi. @	\$	0.3346	=	\$ 903.42
ADDITIONAL COSTS:		Me	als	=	\$ 1,173.00
		Loc	lging	=	\$ 2,610.00
		Air	fare	=	\$ 1,000.00
		Ren	ıtal Car	=	\$ 330.00
OUTSIDE CONSULTANT @ COST				=	\$ -

TOTAL \$ 27,295.66 *REVISED TOTAL \$ 36,840.05

*Revised Total is the difference in Annual Median Wages for South Dakota and California for Civil Engineers as reported by the Bureau of Labor Statistics

TOTAL HOURS