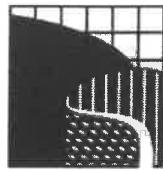


RFP2022-11 ENGINEERING, DESIGN AND CONSTRUCTION INSPECTION SERVICES FOR THE CITY OF TRENTON, DPT OF PW, DIVISION OF ENGINEERING PROPOSAL OPENED 4/19/2022 AT 11:00AM

RFP2022-11 ENGINEERING, DESIGN AND CONSTRUCTION INSPECTION SERVICES FOR FY'2022 ROADWAY IMPROVEMENTS PROJECT CONSISTING OF RECONSTRUCTION AND RESURFACING OF VARIOUS STREET THROUGH THE COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM (CDBG) FOR THE CITY OF TRENTON, DEPARTMENT OF PUBLIC WORKS, DIVISION OF ENGINEERING			
NUMBER OF RESPONDENTS:	3		
NAME OF BIDDER	ROBERTS ENGINEERING GROUP, LLC	GREENMAN-PEDERSEN, INC.	LS ENGINEERING ASSOCIATES CORPORATION
ADDRESS	1670 WHITEHORSE-HAMILTON SQUIRE ROAD	301 GIBRALTAR DRIVE, SUITE 2A	1101 N, KINGS HWY., SUITE 311
CITY, STATE, ZIP	HAMILTON, NJ 08690	MORRIS PLAINS, NJ 07950	CHERRY HILL, NJ 08034
CONTACT NAME	CARMELA ROBERTS, P.E., C.M.E.	ANDREW CANGIANO	KIM LAW
TELEPHONE	609-586-1141	973-434-8349	973-588-3122
FAX	609-586-1143	973-887-0925	973-588-3123
E-MAIL	CROBERTS@ROBERTSENGINEERINGGROUP.COM	ACANGIANO@GPINET.COM	KIMLAW@LSEACORP.COM
STATEMENT OF OWNERSHIP DISCLOSURE	INCLUDED	INCLUDED	INCLUDED
EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT A	INCLUDED	INCLUDED	INCLUDED
REQUIRED EVIDENCE EEO/AFFIRMATIVE ACTION REGULATIONS QUESTIONNAIRE	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA	N/A	N/A	N/A
NJ BUSINESS REGISTRATION CERTIFICATE	INCLUDED	INCLUDED	INCLUDED
NON-COLLUSION AFFADAVIT	INCLUDED	INCLUDED	INCLUDED
AMERICANS WITH DISABILITIES ACT OF 1990 LANGUAGE	INCLUDED	INCLUDED	INCLUDED
ETHICS COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED
DEBARMENT NOTICE	INCLUDED	INCLUDED	INCLUDED
FEDERAL CONTRACT PROVISIONS CERTIFICATION FORM APPENDIX II TO 2CFR PART 200	INCLUDED	INCLUDED	INCLUDED
CERTIFICATION REGARDING LOBBYING	INCLUDED	INCLUDED	N/A
CERTIFICATION AND DISCLOSURE OF POLITICAL CONTRIBUTIONS	INCLUDED	INCLUDED	INCLUDED
DISCLOSURE OF INVESTED ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED
CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	INCLUDED	INCLUDED
EIC	CERT.#42995 EXP. 03/15/2023	CERT.#17365 EXP. 09/15/2024	CERT.#35436 EXP. 06/15/2025
CERTIFICATE OF INSURANCE	REQUIRED FROM THE AWARDED VENDOR PRIOR TO AWARD	REQUIRED FROM THE AWARDED VENDOR PRIOR TO AWARD	REQUIRED FROM THE AWARDED VENDOR PRIOR TO AWARD
60-DAY EXTENSION COMPLIANCE	YES	YES	YES
PROVIDE PRIORITY EMERGENCY SERVICES	YES	YES	YES
REFERENCES	INCLUDED	INCLUDED	INCLUDED
W-9	INCLUDED	INCLUDED	INCLUDED
EXCEPTIONS (IF ANY)	NONE	NONE	NONE
TOTAL COST FOR DEVELOPMENT AND PREPARATION	\$146,000.00 SEE ATTACHED BREAKDOWN OF PRICING	\$345,360.00 SEE ATTACHED BREAKDOWN OF PRICING	\$477,212.00 SEE ATTACHED BREAKDOWN OF PRICING
FATAL FLAW	NONE	NONE	NONE

1

ORIGINAL



Roberts
ENGINEERING GROUP LLC
Women Business Enterprise Certified

1670 Whitehorse-Hamilton Square Rd.
Hamilton, New Jersey 08690
609-586-1141 fax 609-586-1143
www.RobertsEngineeringGroup.com

Cost Proposal

Engineering, Design and Construction Inspection Services

for FY2022 Roadway Improvements Project Consisting of Reconstruction and
Resurfacing of Various Street Through the Community Development Block Grant
Program

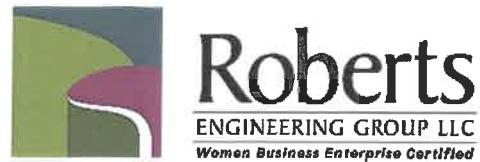
Community Development Block Grant Program (CDBG)

April 13, 2022

Our File No.: T2201

1	Field Survey/Base Map Preparation	\$40,000.00
2	75% Preliminary Construction Plans/Specifications/Bid Document Preparation	\$47,000.00
3	Final Construction Plans/Specifications/Bid Document Preparation	\$11,000.00
4	Bid Tabulation and Contract Administration	\$1,500.00
5	Construction Inspection and Management	\$46,000.00
6	Reimbursables (Mileage, Photocopies, etc.)	\$500.00
	Total:	\$146,000.00

Note: This is an Hourly Not to Exceed Amount and individual item totals may vary.



1670 Whitehorse-Hamilton Square Rd.
Hamilton, New Jersey 08690
609-586-1141 fax 609-586-1143
www.RobertsEngineeringGroup.com

ROBERTS ENGINEERING GROUP, LLC

2022 Hourly Rate Schedule:

ENGINEERING DIVISION:

Principal.....	\$195.00
Professional Engineer II.....	\$158.00
Professional Engineer I.....	\$135.00
Staff Engineer II.....	\$130.00
Staff Engineer I.....	\$122.00
Designer.....	\$118.00
Design Technician.....	\$96.00
CAD Technician.....	\$91.00
Senior Construction Inspector.....	\$89.00
Construction Inspector.....	\$83.00
Technician II.....	\$76.00
Technician I.....	\$59.00

SURVEY DIVISION:

Professional Surveyor.....	\$170.00
Senior Survey Technician.....	\$115.00
Survey Technician.....	\$91.00
Technician II.....	\$76.00
Two Man Crew.....	\$147.00
One Man Crew.....	\$127.00



GREENMAN-PEDERSEN, INC.

CONSULTING ENGINEERS·SURVEYORS·PLANNERS·LANDSCAPE ARCHITECTS
MORRIS PLAINS, NEW JERSEY

20

**FY2022 CDBG ROADWAY IMPROVEMENTS PROJECT
CONSISTING OF RECONSTRUCTION AND RESURFACING OF
VARIOUS STREET THROUGH THE COMMUNITY DEVELOPMENT
BLOCK GRANT PROGRAM**

The following is our proposed fee for the project. The fee includes all labor costs, as well as direct costs (mileage, reproduction, etc.) required to complete the project.

Attached is an hourly breakdown, by task, for the project.

COST PROPOSAL

TASK DESCRIPTION	TASK HOURS	TASK FEE
FIELD SURVEYING AND BASE MAPPING	1244	\$ 111,060.00
RESEARCH & INITIAL INSPECTION	24	\$ 2,880.00
PREPARE PLANS & SPECIFICATIONS	1380	\$ 140,220.00
PAYMENT SUBMISSION/CONTRACT ADMIN.	200	\$ 20,400.00
PERIODIC CONSTRUCTION OBSERVATION	760	\$ 70,800.00
ADDITIONAL SERVICES (Mileage & Printing)		NO CHARGE
TOTALS	3608	\$ 345,360.00

GREENMAN-PEDERSEN, INC. - ESTIMATE SHEET - FIELD SURVEY AND BASE MAPS

FY2022 CDBG ROADWAY IMPROVEMENTS PROJECT									
Project Name:	FY2022 CDBG ROADWAY IMPROVEMENTS PROJECT								
Client:	City of Trenton								
Length of Project:	31,000± L.F.								
Date:	April 19, 2022								
GPI Job Title	Hours	0	0	0	20	80	260	260	624
JOB PHASE	Hours	0	0	0	20	80	260	260	624
Planimetrics Scan	Hours	0	0	0	20	80	260	260	624
Salary Rate	\$ 175.00	\$ 175.00	\$ 95.00	\$ 85.00	\$ 160.00	\$ 110.00	\$ 90.00	\$ 75.00	\$ 90.00
Direct Labor Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,200.00	\$ 8,800.00	\$ 23,400.00	\$ 19,500.00	\$ 56,160.00
SURVEY TOTAL		\$ 111,060.00							

GREENMAN-PEDERSEN, INC. - ESTIMATE SHEET - CONSTRUCTION ADMINISTRATION/INSPECTION

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Salary Rate	\$ 175.00	\$ 120.00	\$ 95.00	\$ 85.00	\$ 150.00	\$ 110.00	\$ 95.00	\$ 70.00	\$ 90.00	\$ 50.00												
Direct Labor Costs	\$ -	\$ 19,200.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 91,200.00	



LS Engineering Associates Corporation

ENGINEERING, DESIGN AND CONSTRUCTION INSPECTION SERVICES ASSOCIATED WITH THE FY 2022 CDBG ROADWAY IMPROVEMENTS PROJECT, TRENTON.

	Franklin St	Washington	Second	Culbertson	Gladstone	Vine St.	NY Avenue	Pine St.	Violet St.	Holland	N. Hermitage	Bellevue	Frazier	Spring	Montgomery	Adelaine	Brunswick
FIELD SURVEY / BASE MAP PREPARATION	\$6,192	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 5,117.00	\$ 4,042.00	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 6,407.00	\$ 5,547.00	\$ 7,697.00	\$ 6,407.00
FINAL PLANS/SPECS/BID DOCUMENT	\$17,114.00	\$ 15,136.00	\$ 15,136.00	\$ 15,136.00	\$ 15,136.00	\$ 15,136.00	\$ 19,522.00	\$ 15,136.00	\$ 12,685.00	\$ 15,136.00	\$ 15,136.00	\$ 15,136.00	\$ 15,136.00	\$ 15,136.00	\$ 13,158.00	\$ 19,522.00	\$ 15,136.00
BID TABULATION/CONST. ADMINISTRATION	\$796	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50	\$ 795.50
CONST. INSPECTION & MANAGEMENT	\$5,405	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 4,695.60	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10	\$ 5,405.10
REIMBURSABLE EXPENSES	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00
SUBTOTAL	\$29,707	\$27,944	\$27,944	\$27,944	\$27,944	\$27,944	\$32,330	\$26,654	\$22,418	\$27,944	\$27,944	\$27,944	\$27,944	\$27,944	\$25,105.60	\$33,620	\$27,944
GRAND TOTAL																	\$ 477,212.70

(3)

Task Description	ASCE Grade	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1		1	1	1	16	16	
Prepare topo mapping		1	1	1	1	1	8	40	
TOTAL HOURS:		2	1	1	2	24	56		
Direct Labor Hourly Rate		\$ 55.00	\$ 55.00	\$ 35.00	\$ 30.00	\$ 50.00	\$ 25.00		
Direct Labor Costs		130	55	35	60	1200	1400	\$2,880.00	
Overhead cost @ 115%		149.5	63.25	40.25	69	1380	1610	\$3,312.00	
Total Labor Cost		\$ 279.50	\$ 118.25	\$ 75.25	\$ 129.00	\$ 2,580.00	\$ 3,010.00	\$6,192.00	
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		4	4						
Preliminary & Final Plans		16	8	32	60				
Specifications & Estimate		4	16	24					
Bid Document									
TOTAL HOURS:		24	48	56	60	0	0		
Direct Labor Hourly Rate		65	55	35	30	50	25		
Direct Labor Costs		1560	2640	1960	1800	0	0	\$7,960.00	
Overhead cost @ 115%		1794	3036	2254	2070	0	0	59,154.00	
Total Labor Cost		3354	5676	4214	3870	0	0	\$17,114.00	
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1				
Construction Administration		1	1	1	1				
TOTAL HOURS:		2	2	2	2	0	0		
Direct Labor Hourly Rate		65	55	35	30	50	25		
Direct Labor Costs		130	110	70	60	0	0	\$370.00	
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	\$425.50	
Total Labor Cost		279.5	236.5	150.5	129	0	0	\$795.50	
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2						
Field Inspection		2	4	8					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	8	2	0	0		
Direct Labor Hourly Rate		65	55	35	2	50	25		
Direct Labor Costs		650	1650	280	4	0	0	\$2,584.00	
Overhead cost @ 115%		747.5	1897.5	322	4.6	0	0	\$2,971.60	
Total Labor Cost		1397.5	3547.5	602	8.6	0	0	\$5,555.60	

TASK DESCRIPTION	ASCE Grade	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1		1	1	1	16	16	
Prepare topo mapping		1	1	1	1	10	10	40	
TOTAL HOURS:		2	1	1	2	26	26	56	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	55	35	60	1300	1300	1400	
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1495	1610	\$2,980.00
Total Labor Cost		279.5	118.25	75.25	129	2795	2795	3010	\$3,427.00
									\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6	16	40				
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		1690	2750	1400	1200	0	0	0	\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0	0	\$8,096.00
Total Labor Cost		3633.5	5912.5	3010	2580	0	0	0	\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1	1	1	
Construction Administration		1	1	1	1	1	1	1	
TOTAL HOURS:		2	2	2	2	2	2	2	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2	0	0	0	
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	25	
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,406.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	1	16	16	
Prepare topo mapping		1	1	1	1	10	10	40	
TOTAL HOURS:		2	1	1	2	26	26	56	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	55	35	60	1300	1400	52,980.00	
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1610	\$3,427.00	
Total Labor Cost		279.5	118.25	75.25	129	2795	3010	\$6,407.00	
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document		20							
TOTAL HOURS:		26	50	40	40	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		1690	2750	1400	1200	0	0	\$7,040.00	
Overhead cost @ 115%		3943.5	3162.5	1610	1380	0	0	\$8,096.00	
Total Labor Cost		3633.5	5912.5	3010	2580	0	0	\$15,136.00	
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1	1	1	
Construction Administration		1	1	1	1	1	1	1	
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	110	70	60	0	0	\$370.00	
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	\$425.50	
Total Labor Cost		279.5	236.5	150.5	129	0	0	\$795.50	
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2		2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	25	
Direct Labor Costs		650	1650	210	4	0	0	\$2,514.00	
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	\$2,891.10	
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	\$5,405.10	
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PvII / PvIX	Project Manager PvII	Senior Tech Staff Pv	Support Staff Pv	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	1	16	16	
Prepare topo mapping		1	1	1	1	10	10	40	
TOTAL HOURS:		2	1	1	2	26	26	56	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	55	35	60	1300	1300	1400	\$2,980.00
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1495	1610	\$3,427.00
Total Labor Cost		279.5	118.25	75.25	129	2795	2795	3010	\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		1690	2750	1400	1200	0	0	0	\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0	0	\$8,096.00
Total Labor Cost		3633.5	5912.5	3010	2580	0	0	0	\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	1			
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2		2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	25	
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PvIII / PvIX	Project Manager PvII	Senior Tech Staff Pv	Support Staff PvII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	16	16		
Prepare topo mapping		1	1	1	1	10	10	40	40
TOTAL HOURS:		2	1	1	2	26	26		56
Direct Labor Hourly Rate		65	55	35	30	50	50		25
Direct Labor Costs		130	55	35	60	1300	1300		1400
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1495		\$2,980.00
Total Labor Cost		279.5	118.25	75.25	129	2795	2795	3010	\$3,427.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0		0
Direct Labor Hourly Rate		65	55	35	30	50	50		25
Direct Labor Costs		1690	2750	1400	1200	0	0		\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0		\$8,096.00
Total Labor Cost		3633.5	5912.5	3010	2580	0	0		\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1	1		
Construction Administration		1	1	1	1	1	1		
TOTAL HOURS:		2	2	2	2	0	0		0
Direct Labor Hourly Rate		65	55	35	30	50	50		25
Direct Labor Costs		130	110	70	60	0	0		\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0		\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0		\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2					
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0		0
Direct Labor Hourly Rate		65	55	35	2	50	50		25
Direct Labor Costs		650	1650	210	4	0	0		\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0		\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0		\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING								
Field Survey								
Prepare topo mapping	1	1	1	1	1	16	16	
TOTAL HOURS:	2	1	1	1	2	26	40	
Direct Labor Hourly Rate	65	55	35	30	50	50	56	
Direct Labor Costs	130	55	35	60	130	1400	25	
Overhead cost @ 115%	149.5	63.25	40.25	69	149.5	1610	\$2,980.00	
Total Labor Cost	279.5	118.25	75.25	129	279.5	3010	\$3,427.00	
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT								
Field Inspection	6	6	6	6	40	40		
Preliminary & Final Plans	16	8	16	40				
Specifications & Estimate	4	16	24					
Bid Document		20						
TOTAL HOURS:	26	50	40	40	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	50	25	
Direct Labor Costs	1690	2750	1400	1200	0	0	\$7,040.00	
Overhead cost @ 115%	1943.5	3162.5	1610	1380	0	0	\$8,096.00	
Total Labor Cost	3633.5	5912.5	3010	2580	0	0	\$15,136.00	
BID TABULATION & CONSTRUCTION ADMINISTRATION								
Bid Tabulation	1	1	1	1	1	1		
Construction Administration	1	1	1	1	1	1		
TOTAL HOURS:	2	2	2	2	2	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	50	25	
Direct Labor Costs	130	110	70	60	0	0	\$370.00	
Overhead cost @ 115%	149.5	126.5	80.5	69	0	0	\$425.50	
Total Labor Cost	279.5	236.5	150.5	129	0	0	\$795.50	
CONSTRUCTION INSPECTION & MANAGEMENT								
Attend meetings	2	2	2	2	2	2		
Field inspection	2	4	6					
Construction Management	4	16						
QA/QC	2	8						
TOTAL HOURS:	10	30	6	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	2	50	50	25	
Direct Labor Costs	650	1650	210	4	0	0	\$2,514.00	
Overhead cost @ 115%	747.5	1897.5	241.5	4.6	0	0	\$2,891.10	
Total Labor Cost	1397.5	3547.5	451.5	8.6	0	0	\$5,405.10	
SUBTOTAL								\$27,743.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1		1	1	1	16	16	
Prepare topo mapping		1		1	1	1	10	40	
TOTAL HOURS:		2	1	1	2	26	50	56	
Direct Labor Hourly Rate	65	55	35	30	50				
Direct Labor Costs	130	55	35	60	1300	1400	25		
Overhead cost @ 115%	149.5	63.25	40.25	69	1495	1610			\$2,980.00
Total Labor Cost	279.5	118.25	75.25	129	2795	3010			\$3,427.00
									\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans	16	8	40	80					
Specifications & Estimate	4	16	24						
Bid Document		20							
TOTAL HOURS:		26	50	64	80	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	2400	0	25	
Direct Labor Costs	1690	2750	2240	2400	0				\$9,080.00
Overhead cost @ 115%	1943.5	3162.5	2576	2760	0	0	0	0	\$10,442.00
Total Labor Cost	3633.5	5912.5	4816	5160	0	0	0	0	\$19,522.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation	1	1	1	1	1				
Construction Administration	1	1	1	1	1				
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50				
Direct Labor Costs	130	110	70	60	0	0	0	25	\$370.00
Overhead cost @ 115%	149.5	116.5	80.5	69	0	0	0	0	\$425.50
Total Labor Cost	279.5	236.5	150.5	129	0	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings	2	2		2					
Field Inspection	2	4	6						
Construction Management	4	16							
QA/QC	2	8							
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	2	50				
Direct Labor Costs	650	1650	210	4	0	0	0	25	\$2,514.00
Overhead cost @ 115%	747.5	1897.5	241.5	4.6	0	0	0	0	\$2,891.10
Total Labor Cost	1397.5	3547.5	451.5	8.6	0	0	0	0	\$5,405.10
SUBTOTAL									\$32,129.60

TASK DESCRIPTION	Project Director PvIII / PvIX	Project Manager PvII	Senior Tech Staff Pv	Support Staff PvII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
ASCE Grade								
FIELD SURVEY/BASE MAPPING								
Field Survey	1	1	1	1	1	16	16	
Prepare topo mapping	1	1	1	1	10	10	16	
TOTAL HOURS:	2	1	1	2	26	32	32	
Direct Labor Hourly Rate	65	55	35	30	50	25	25	
Direct Labor Costs	130	55	35	60	1300	800	\$2,380.00	
Overhead cost @ 115%	149.5	63.25	40.25	69	1495	920	\$2,737.00	
Total Labor Cost	279.5	118.25	75.25	129	2795	1720	\$5,117.00	
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT								
Field Inspection	6	6	6	40				
Preliminary & Final Plans	16	8	16	40				
Specifications & Estimate	4	16	24					
Bid Document		20						
TOTAL HOURS:	26	50	40	40	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	25	25	
Direct Labor Costs	1690	2750	1400	1200	0	0	\$7,040.00	
Overhead cost @ 115%	1943.5	3162.5	1610	1380	0	0	\$8,396.00	
Total Labor Cost	3633.5	5912.5	3010	2580	0	0	\$15,136.00	
BID TABULATION & CONSTRUCTION ADMINISTRATION								
Bid Tabulation	1	1	1	1	1			
Construction Administration	1	1	1	1	1			
TOTAL HOURS:	2	2	2	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	25	25	
Direct Labor Costs	130	110	70	60	0	0	\$370.00	
Overhead cost @ 115%	149.5	126.5	80.5	69	0	0	\$425.50	
Total Labor Cost	279.5	236.5	150.5	129	0	0	\$795.50	
CONSTRUCTION INSPECTION & MANAGEMENT								
Attend meetings	2	2	2					
Field inspection	2	4	6					
Construction Management	4	16						
QA/QC	2	8						
TOTAL HOURS:	10	30	6	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	2	50	25	25	
Direct Labor Costs	650	1650	210	4	0	0	\$2,514.00	
Overhead cost @ 115%	747.5	1897.5	241.5	4.6	0	0	\$2,891.10	
Total Labor Cost	1397.5	3547.5	451.5	8.6	0	0	\$5,405.10	
SUBTOTAL								\$26,453.60

TASK DESCRIPTION	ASCE Grade	Project Director PvII / PIX	Project Manager PvII	Senior Tech Staff Pv	Support Staff PvII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey									
Prepare topo mapping		1	1	1	1	1	8	8	
TOTAL HOURS:		2	1	1	2	2	18	20	20
Direct Labor Hourly Rate		65	55	35	30	50	50	25	28
Direct Labor Costs		130	55	35	60	900	700	700	25
Overhead cost @ 115%		149.5	63.25	40.25	69	1035	805	805	\$1,880.00
Total Labor Cost		279.5	118.25	75.25	129	1935	1505	1505	\$2,462.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		8	8	8	36				
Specifications & Estimate		4	16	24					
TOTAL HOURS:		18	46	32	36	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	25
Direct Labor Costs		1170	2530	1120	1080	0	0	0	\$5,900.00
Overhead cost @ 115%		1345.5	2909.5	1288	1242	0	0	0	\$6,785.00
Total Labor Cost		2515.5	5439.5	2408	2322	0	0	0	\$12,685.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	1			
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	25
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	24	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	25	25	
Direct Labor Costs		650	1320	210	4	0	0	0	\$2,184.00
Overhead cost @ 115%		747.5	1518	241.5	4.6	0	0	0	\$2,511.60
Total Labor Cost		1397.5	2838	461.5	8.6	0	0	0	\$4,695.60
SUBTOTAL									\$22,218.10

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1		1	1	1	16	16	
Prepare topo mapping		1	1	1	1	1	10	10	40
TOTAL HOURS:		2	1	1	2	2	26	26	56
Direct Labor Hourly Rate		65	55	35	30	50	50	50	25
Direct Labor Costs		130	55	35	60	1300	1300	1300	1400
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1495	1495	\$2,980.00
Total Labor Cost		279.5	118.25	75.25	129	2795	2795	2795	\$3,427.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0	0	0
Direct Labor Hourly Rate		65	55	35	30	50	50	50	25
Direct Labor Costs		1690	2750	1400	1200	0	0	0	\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0	0	\$8,096.00
Total Labor Cost		3633.5	5912.5	3010	2580	0	0	0	\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	1			
TOTAL HOURS:		2	2	2	2	2	0	0	0
Direct Labor Hourly Rate		65	55	35	30	50	50	50	25
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field Inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	0
Direct Labor Hourly Rate		65	55	35	2	50	50	50	25
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	1	16	16	
Prepare topo mapping		1	1	1	1	10	10	40	
TOTAL HOURS:		2	1	1	2	26	26	56	
Direct Labor Rate		65	55	35	30	50	0	25	
Direct Labor Costs		130	55	35	60	1300	1400	1400	\$1,980.00
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1610	1610	\$2,427.00
Total Labor Cost		279.5	118.25	75.25	129	2795	3010	3010	\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		1690	2750	1400	1200	0	0	0	\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0	0	\$8,096.00
Total Labor Cost		3633.5	5912.5	3010	2560	0	0	0	\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	0	0	0	
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2		2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	25	
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1		1	1	1	16	16	
Prepare topo mapping		1	1	1	1	1	10	10	40
TOTAL HOURS:		2	1	1	2	2	26	26	56
Direct Labor Hourly Rate		65	55	35	30	50	0	0	25
Direct Labor Costs		130	55	35	60	1300	1400	1400	\$2,980.00
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1610	1610	\$3,427.00
Total Labor Cost		279.5	118.25	75.25	129	2795	3010	3010	\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
TOTAL HOURS:		20							
Direct Labor Hourly Rate		26	50	40	40	0	0	0	0
Direct Labor Costs		65	55	35	30	50	50	50	25
Overhead cost @ 115%		1690	2750	1400	1200	0	0	0	\$7,040.00
Total Labor Cost		1943.5	3162.5	1610	1380	0	0	0	\$8,096.00
		3633.5	5912.5	3010	2580	0	0	0	\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1	1	1	
Construction Administration		1	1	1	1	1	1	1	
TOTAL HOURS:		2	2	2	2	0	0	0	0
Direct Labor Hourly Rate		65	55	35	30	50	50	50	25
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field Inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	50	25
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PvIII / PvIX	Project Manager PvIII / PvV	Senior Tech Staff Pv	Support Staff PvII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey	Field Survey	1				1	16	16	
Prepare topo mapping		1	1	1		1	10	40	
TOTAL HOURS:		2	1	1	2	2	26	56	
Direct Labor Hourly Rate	65	55	35	30	50	50		25	
Direct Labor Costs	130	55	35	60	1300	1400		1400	\$2,380.00
Overhead cost @ 115%	149.5	63.25	40.25	69	1495	1610		1610	\$3,427.00
Total Labor Cost	279.5	118.25	75.25	129	2795	3010			\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection	Field Inspection	6	6	16	40				
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	50		25	
Direct Labor Costs	1690	2750	1400	1200	0	0		0	\$7,040.00
Overhead cost @ 115%	1943.5	3162.5	1610	1380	0	0		0	\$8,096.00
Total Labor Cost	3633.5	5812.5	3010	2580	0	0			\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	1			
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	30	50	50		25	
Direct Labor Costs	130	110	70	60	0	0		0	\$370.00
Overhead cost @ 115%	149.5	126.5	80.5	69	0	0		0	\$425.50
Total Labor Cost	279.5	236.5	150.5	129	0	0			\$735.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate	65	55	35	2	50	50		25	
Direct Labor Costs	650	1650	210	4	0	0		0	\$2,514.00
Overhead cost @ 115%	747.5	1897.5	241.5	4.6	0	0		0	\$2,891.10
Total Labor Cost	1397.5	3547.5	451.5	8.6	0	0			\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	1	16	16	
Prepare topo mapping		1	1	1	1	10	40		
TOTAL HOURS:		2	1	1	2	26	56		
Direct Labor Hourly Rate		65	55	35	30	50	25		
Direct Labor Costs		130	55	35	60	1300	1400		
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1610		\$2,980.00
Total Labor Cost		279.5	118.25	75.25	129	2795	3010		\$3,427.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0		
Direct Labor Hourly Rate		65	55	35	30	50	25		
Direct Labor Costs		1690	2750	1400	1200	0	0		\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0		\$8,096.00
Total Labor Cost		3833.5	5912.5	3010	2580	0	0		\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	1			
TOTAL HOURS:		2	2	2	2	0	0		
Direct Labor Hourly Rate		65	55	35	30	50	25		
Direct Labor Costs		130	110	70	60	0	0		\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0		\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0		\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2		2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0		
Direct Labor Hourly Rate		65	55	35	2	50	25		
Direct Labor Costs		650	1650	210	4	0	0		\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0		\$2,891.10
Total Labor Cost		1397.5	3647.5	451.5	8.6	0	0		\$5,405.10
SUBTOTAL									\$27,743.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1		1	1	1	8	16	
Prepare topo mapping		1	1	1	1	10	10	40	
TOTAL HOURS:		2	1	1	2	18	18	56	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	55	35	60	900	900	1400	\$2,580.00
Overhead cost @ 115%		149.5	63.25	40.25	69	1035	1035	1610	\$2,967.00
Total Labor Cost		279.5	118.25	75.25	129	1935	1935	3010	\$5,547.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		8	8	8	8	36	36		
Specifications & Estimate		4	16	24					
TOTAL HOURS:		20							
Direct Labor Hourly Rate		50	32	36	0	0	0		
Direct Labor Costs		65	55	35	30	50	50	25	
Overhead cost @ 115%		1170	2750	1120	1080	0	0	0	\$6,120.00
Total Labor Cost		1345.5	3162.5	1288	1242	0	0	0	\$7,038.00
		2615.5	5912.5	2408	2322	0	0	0	\$13,158.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1	1		
Construction Administration		1	1	1	1	1	1		
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$425.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	25	
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,591.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$24,905.60

ASCE Grade	Task Description	Project Director PVIII / PIX	Project Manager PVII	Senior Tech Staff PV	Support Staff PIII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	1	24	24	
Prepare topo mapping		1	1	1	1	10	10	40	40
TOTAL HOURS:		2	1	1	2	34	34	64	64
Direct Labor Hourly Rate		65	55	35	30	50	50	25	25
Direct Labor Costs		130	55	35	60	1700	1700	1600	1600
Overhead cost @ 115%		149.5	63.25	40.25	69	1955	1955	1840	1840
Total Labor Cost		279.5	118.25	75.25	129	3655	3655	3440	3440
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	40	80				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	64	80	0	0	0	0
Direct Labor Hourly Rate		65	55	35	30	50	50	25	25
Direct Labor Costs		1690	2750	2240	2400	0	0	59,080.00	59,080.00
Overhead cost @ 115%		1943.5	3162.5	2576	2760	0	0	0	\$10,442.00
Total Labor Cost		3633.5	5912.5	4816	5160	0	0	0	\$19,522.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1			
Construction Administration		1	1	1	1	1			
TOTAL HOURS:		2	2	2	2	0	0	0	0
Direct Labor Hourly Rate		65	55	35	30	50	50	25	25
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$45.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$795.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	0
Direct Labor Hourly Rate		65	55	35	2	50	50	25	25
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$33,419.60

TASK DESCRIPTION	ASCE Grade	Project Director PvIII / PvX	Project Manager PvII	Senior Tech Staff Pv	Support Staff PvII	CAD Technician	Surveyor Chief	Surveyor Technician	Total
FIELD SURVEY/BASE MAPPING									
Field Survey		1			1	1	16	16	
Prepare topo mapping		1	1	1	1	10	10	40	
TOTAL HOURS:		2	1	1	2	26	26	56	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	55	35	60	1300	1300	1400	\$2,980.00
Overhead cost @ 115%		149.5	63.25	40.25	69	1495	1495	1610	\$3,427.00
Total Labor Cost		279.5	118.25	75.25	129	2795	2795	3010	\$6,407.00
ENGINEERING DESIGN & CONTRACT DOCUMENT DEVELOPMENT									
Field Inspection		6	6						
Preliminary & Final Plans		16	8	16	40				
Specifications & Estimate		4	16	24					
Bid Document			20						
TOTAL HOURS:		26	50	40	40	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		1690	2750	1400	1200	0	0	0	\$7,040.00
Overhead cost @ 115%		1943.5	3162.5	1610	1380	0	0	0	\$8,096.00
Total Labor Cost		3633.5	5912.5	3010	2580	0	0	0	\$15,136.00
BID TABULATION & CONSTRUCTION ADMINISTRATION									
Bid Tabulation		1	1	1	1	1	1	1	
Construction Administration		1	1	1	1	1	1	1	
TOTAL HOURS:		2	2	2	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	30	50	50	25	
Direct Labor Costs		130	110	70	60	0	0	0	\$370.00
Overhead cost @ 115%		149.5	126.5	80.5	69	0	0	0	\$47.50
Total Labor Cost		279.5	236.5	150.5	129	0	0	0	\$395.50
CONSTRUCTION INSPECTION & MANAGEMENT									
Attend meetings		2	2	2	2				
Field inspection		2	4	6					
Construction Management		4	16						
QA/QC		2	8						
TOTAL HOURS:		10	30	6	2	0	0	0	
Direct Labor Hourly Rate		65	55	35	2	50	50	25	
Direct Labor Costs		650	1650	210	4	0	0	0	\$2,514.00
Overhead cost @ 115%		747.5	1897.5	241.5	4.6	0	0	0	\$2,891.10
Total Labor Cost		1397.5	3547.5	451.5	8.6	0	0	0	\$5,405.10
SUBTOTAL									\$27,743.60