#### WORK AUTHORIZATION NO. 9

# PROJECT: Engineering Design Services for Roadway and Drainage Improvements in Durham Park Subdivision Phase 2A and 2B

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated <u>March 6, 2018</u> and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and <u>Alliance Transportation Group</u> (the "Engineer").

- Part1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.
- Part 2. The maximum amount payable for services under this Work Authorization without modification is \$198,917.50
- Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.
- Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on <u>June 30, 2023</u>. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.
- Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.
- Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.
- Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this day of Oct 20, 2	<u>021</u> , <sub>2021</sub> .
ENGINEER:	COUNTY:
Alliance Transportation Group	Williamson County, Texas
Ву:	By: Bill Gravell (Oct 20, 2021 08:04 CDT)
Signature	Signature
Clint Jumper	Bill Gravell, Jr.
Printed Name	Printed Name
Senior Vice President	Williamson County Judge
Title	Title

# LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

# Attachment A - Services to be Provided by County

Please see next page.

Williamson County Road and Bridge 1711-206 Work Authorization 09

### Attachment A

#### **Services to be Provided by County**

Williamson County Road & Bridge Division personnel will provide:

- Project direction, review, and oversight
- Topographic and R.O.W. Surveys
- Geotechnical investigations, data, and reports
- ROW Documents and Drainage Reports
- Conducting pre-bid meeting, responding to contractor questions during bidding, tabulating, and evaluating bids after bid opening, and providing recommendation of award of contract
- Construction oversight, administration, and management

# Attachment B - Services to be Provided by Engineer

Please see next pages.

#### **Attachment B**

#### Services to be Provided by the Engineer

#### Project Locations:

- 1. Durham Park Subdivision Phase 2A Cooks Crossing
- 2. Durham Park Subdivision Phase 2A Mayeye Road
- 3. Durham Park Subdivision Phase 2A Owen Pass
- 4. Durham Park Subdivision Phase 2A Rowlett Road
- 5. Durham Park Subdivision Phase 2A Shin Oak Lane
- 6. Durham Park Subdivision Phase 2B Glasscock Rd
- 7. Durham Park Subdivision Phase 2B Huling Bend
- 8. Durham Park Subdivision Phase 2B Westfall Trail

#### Task 1: Project Management

- 1.1 Attend Progress Review Meetings with County Road & Bridge Department at Kickoff (DSR), 50%, 90% and Final
- 1.2 Prepare monthly progress reports and invoices
- 1.3 Subconsultants OMITTED
- 1.3 Maintain project schedule and perform QA/QC of Deliverables at Preliminary Engineering, 50%, 90% and FINAL

#### Task 2: Topographic and R.O.W Surveys

N/A - To be provided by the County

#### Task 3: Preliminary Engineering

- 3.1 Conduct Site Visit and Field Reconnaissance
- 3.2 Data Collection of available Durham Park Subdivision as-builts and GIS information to document existing conditions
- 3.3 Prepare and submit to the County for their review and approval a preliminary Design Summary Report (DSR) to establish project basic features and design criteria
- 3.4 Develop Conceptual Geometric Layout on scroll plot (1''=20' H, 1''=2' V) showing roadway horizontal and vertical geometry and proposed Typical Sections.
- 3.5 Prepare Preliminary Cross-Sections (50' interval and Driveways).
- 3.6 Develop preliminary drainage analysis including delineation of drainage areas, calculation of peak stormwater runoff rates for 5-yr, 10-yr, and 25-yr storm events.

#### Task 4: Geotechnical Investigations

N/A - To be provided by the County

#### Task 5: Environmental Studies

N/A

#### Task 6: Utility Coordination

N/A

#### Task 7: FEMA Coordination

N/A

#### Task 8: Final Engineering (8 Roads)

Prepare final detailed design and PS&E for proposed improvements. Calculate ditch capacity and analyze driveway pipes as well cross culverts.

#### 8.1 Plan Sheets:

- Title Sheet
- Estimate & Quantity Sheet
- Typical Sections
- Horizontal and Vertical Alignment Data Sheets
- Project Layout
- Drainage Area Map
- Hydraulic Calculations
- Erosion Control Plan
- TCP Narrative
- TCP Layouts
- TCP Details
- Utility Conflicts
- Driveway Details
- Driveway Summary
- Roadway Plan & Profile (1"=50')
- Miscellaneous Roadway Details
- Cross Culvert Layouts
- Cross Sections (50' intervals and Driveways)
- Standards
- 8.2 Specifications
- 8.3 General Notes
- 8.4 Construction Cost Estimate
- 8.5 Construction Time Determination Schedule

#### Task 9: Bidding Phase Services

9.1 Prepare Bid-Tabs for processing by Purchasing Department.

#### Task 10: Construction Phase Services

- 10.1 Review shop drawings and respond to contractor RFIs
- 10.2 Prepare electronic as-built final drawings for the County based on construction red-lines provided by the County

#### **Deliverables:**

#### 50% Submittal:

- 2 paper copies of 11" x 17" 50% Plan Sheets
- Draft Specifications
- Draft General Notes
- Preliminary Construction Cost Estimate
- Engineer's internal QA/QC marked up set

#### 90% Submittal:

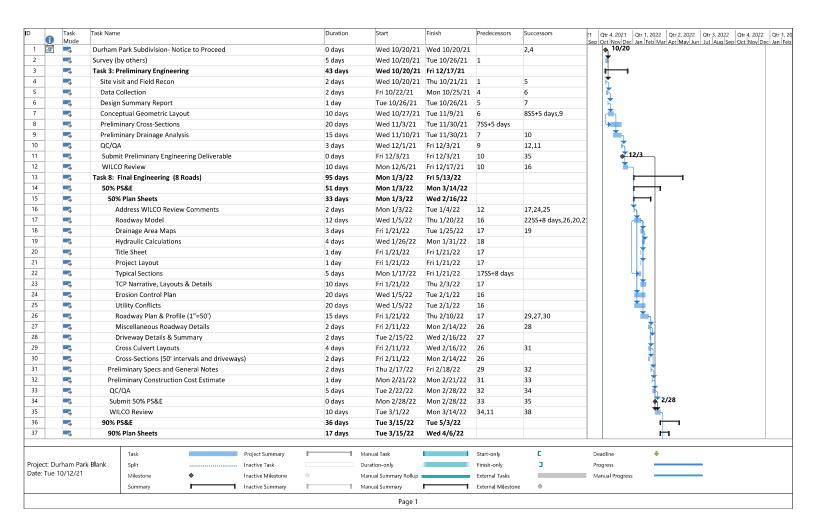
- 2 paper copies of 11" x 17" 90% Plan Sheets
- Draft Final Specifications
- Draft Final General Notes
- Draft Final Construction Cost Estimate
- Engineer's internal QA/QC marked up set

#### Final Submittal:

- 2 paper copies of 11" x 17" Final Plan Sheets
- Final Specifications
- Final General Notes
- Final Construction Cost Estimate
- Construction Time Determination Schedule
- Engineer's internal QA/QC marked up set
- Electronic copy of submittal documents in PDF format on CD
- Electronic native Microstation Design files

# Attachment C - Work Schedule

Please see next page.



A	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Successors	21 Qtr 4, 2021 Qtr 1, 20 Sen Oct Nov Dec Jan Feb	022 Qtr 2, 2022 Qtr 3, 2022 Qtr 4 Mar Apr May Jun Jul Aug Sep Oct	1, 2022 Qtr Nov Dec Jan
38	-5	Address WILCO Review Comments	3 days	Tue 3/15/22	Thu 3/17/22	35	39,42,45,43,44,47,48		K	NOVI DECI JAIN
19	-5	Roadway Model	5 days	Fri 3/18/22	Thu 3/24/22	38	40		*	
Ю	-5	Drainage Area Maps	5 days	Fri 3/25/22	Thu 3/31/22	39	41		<u> </u>	
41	-9	Hydraulic Calculations	2 days	Fri 4/1/22	Mon 4/4/22	40				
12	-5	Title Sheet	1 day	Fri 3/18/22	Fri 3/18/22	38			<b>†</b>	
43	-5	Horizontal and Vertical Alignment Data Sheets	1 day	Fri 3/18/22	Fri 3/18/22	38			<b>†</b>	
14	-5	Project Layout	1 day	Fri 3/18/22	Fri 3/18/22	38			<b>†</b>	
45	-5	Typical Sections	1 day	Fri 3/18/22	Fri 3/18/22	38	46		₽ <b>†</b>	
16	-5	TCP Narrative, Layouts & Details	3 days	Mon 3/21/22	Wed 3/23/22	45	49		The state of the s	
47	-5	Erosion Control Plan	4 days	Fri 3/18/22	Wed 3/23/22	38			*	
18	-5	Utility Conflicts	1 day	Fri 3/18/22	Fri 3/18/22	38			<b>*</b>	
49	-5	Roadway P&P	5 days	Thu 3/24/22	Wed 3/30/22	46	53,50,52		<u> </u>	
50	-5	Miscellaneous Roadway Details	1 day	Thu 3/31/22	Thu 3/31/22	49	51		<b>*</b>	
51	-5	Driveway Details & Summary	1 day	Fri 4/1/22	Fri 4/1/22	50			<b>†</b>	
52	-5	Cross Culvert Layouts	5 days	Thu 3/31/22	Wed 4/6/22	49			<b>*</b>	
53	-5	Cross-Sections (50' intervals and driveways)	5 days	Thu 3/31/22	Wed 4/6/22	49	54		<u>K</u>	
54	-5	Draft Final Specs and General Notes	1 day	Thu 4/7/22	Thu 4/7/22	53	55		<u>k</u>	
55	-5	Draft Final Construction Cost Estimate	2 days	Fri 4/8/22	Mon 4/11/22	54	56		黄	
56	-5	Draft Final Construction Time Determination Schedule	1 day	Tue 4/12/22	Tue 4/12/22	55	57		₹	
57	-5	QC/QA	5 days	Wed 4/13/22	Tue 4/19/22	56	58		*	
58	-5	Submit 90% PS&E	0 days	Tue 4/19/22	Tue 4/19/22	57	59		<b>4/19</b>	
59	-9	WILCO Review	10 days	Wed 4/20/22	Tue 5/3/22	58	61		<b>*</b>	
60	-5	Final PS&E Bid Package	8 days	Wed 5/4/22	Fri 5/13/22				ri	
61	-9	Address 90% Comments	3 days	Wed 5/4/22	Fri 5/6/22	59	62,63,64		<b>芳</b>	
62	-5	Final Specs and General Notes	2 days	Mon 5/9/22	Tue 5/10/22	61	67		T .	
63	-9	Final Construction Cost Estimate	3 days	Mon 5/9/22	Wed 5/11/22	61	65,67		T .	
64	-9	Final Construction Time Determination Schedule	3 days	Mon 5/9/22	Wed 5/11/22	61	67		T.	
65	-5	QC/QA	2 days	Thu 5/12/22	Fri 5/13/22	63	67		Ť	
66	-5	Task 9: Bidding Phase Services	32 days	Mon 5/16/22	Tue 6/28/22				<b>←</b>	
67	-9	Prepare Bid-Tabs	2 days	Mon 5/16/22	Tue 5/17/22	62,63,64,65	69,68		**	
68	-9	Submit Final PS&E Bid Package	0 days	Tue 5/17/22	Tue 5/17/22	67			<b>5/17</b>	
69	-5	Bid Advertisement	25 days	Wed 5/18/22	Tue 6/21/22	67	70FS+5 days		<u> </u>	
70	-9	Bid Letting	0 days	Tue 6/28/22	Tue 6/28/22	69FS+5 days	71FS+20 days,72FS+2		<b>₹.</b> 6/28	
71	-9	Task 10: Construction Phase Services	105 days	Wed 7/27/22	Tue 12/20/22	70FS+20 days			*	$\dashv$
72	-5	10.1 Review shop drawings and respond to contractor RFIs	95 days	Wed 7/27/22	Tue 12/6/22	70FS+20 days	73FS+5 days		*	<b>—</b>
73	-9	10.2 Project closeout, As-Builts and submittal of electronic files	5 days	Wed 12/14/22	Tue 12/20/22	72FS+5 days	74			1
74	-5	Project Final Completion	0 days	Tue 12/20/22	Tue 12/20/22	73				<b>12</b>
		Task Project Summary		Manual Task		Start-only	Е	Deadline	<b>+</b>	
oiect: D	urham Parl			Duration-only		Finish-only	3	Progress		
,	10/12/21	Milestone   Inactive Milestone		Manual Summary Rollup		External Tasks	_	Manual Progress		
		Summary Inactive Summary		Manual Summary		External Milestone	<b>*</b>			
		- Indicate Summary	- '	y	• •	Entering impostone	*			

# **Attachment D - Fee Schedule**

Please see next pages.

Williamson County Small Drainage & Roadway Design (1711-206) - WA09 Attachment D Durham Park Subdivision

Task Description	Project	Senior Project	Project	Hydraulic	Senior	Project	Engineer -In-	Senior Engineering	Engineering	Project		Total Labor Hours
	Principal	Manager	Manager	Engineer	Engineer	Engineer	Training	Technician	Technician	Administrator	Clerical	& Costs
Task 1: Project Management												
1.1 Progress Review Meetings (4 meetings: Kickoff, 50%, 90% & Final)			9				3					12
1.2 Invoicing and Progress Reports (6 months)			8							8	8	24
1.3 Subconsultants (OMITTED)												0
1.41 QA/QC of Kickoff DSR and Deliverables at Preliminary Engineering		16	16	4			8					44
1.42 QA/QC of Preliminary Engineering 50% Deliverables		16	8	4			16					44
1.43 QA/QC of Preliminary Engineering 90% Deliverables		8	4	2			12					26
1.44 QA/QC of Preliminary Engineering Final Deliverables		4	2	2			8					16
Labor Hours Subtotal	0	44	47	12	0	0	47	0	0	8	8	166
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ 10,736.00	\$ 10,810.00	\$ 2,520.00	\$ -	\$ -	\$ 5,405.00	\$ -	\$ -	\$ 832.00	\$ 680.00	\$ 30,983.00

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 2: Topographic and R.O.W. Surveys												
N/A												0
Labor Hours Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 3: Preliminary Engineering		anagar		=8	anga					7.0		
3.1 Site Visit & Field Recon				4		4						8
3.2 Data Collection				4			8					12
3.3 Design Summary Report (DSR)			4				4					8
3.4 Conceptual Geometric Layout and DSR												
Scroll Plot with Plan & Profile (H: 1"=20', V: 1"=2')			4			8	28					40
Typical Sections			2				4					6
3.5 Cross-Sections (50' intervals and driveways)			8			24	40					72
3.6 Preliminary Drainage Analysis												
Delineate Drainage Area				12			12					24
Calculate Peak Stormwater Runoff Rates (5 yr, 10 yr, 25 yr)				12			4					16
Labor Hours Subtotal	0	0	18	32	0	36	100	0	0	0	0	186
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ 4,140.00	\$ 6,720.00	\$ -	\$ 5,760.00	\$ 11,500.00	\$ -	\$ -	\$ -	\$ -	\$ 28,120.00

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 4: Geotechnical Investigation												
N/A												0
Labor Hours Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 5: Environmental Studies												
N/A												0
Labor Hours Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 6: Utility Coordination												
N/A												0
Labor Hours Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 7: FEMA Coordination												
N/A												0
Labor Hours Subtotal	0	0	0	0	0	0	0	0	0	0	0	0
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

			C!					F	C!				Total
		Project	Senior Project	Project	Hydraulic	Senior	Project	Engineer -In-	Senior Engineering	Engineering	Project		Total Labor Hours
Task Description		Principal	Manager	Manager	Engineer	Engineer	Engineer	Training	Technician	Technician	Administrator	Clerical	& Costs
		Principal	iviariagei	ivianagei	Eligilieei	crigineer	crigineer	Hailling	reclinician	recimician	Auministrator	Ciericai	& COSES
Task 8: Final Engineering (8 Roads) (50%, 90% & F	inal Submittals)												
8.1 Plan Sheets								_					0
Title Sheet				4	0		0	5					9
Estimate & Quantity Sheet				4	0		10	18					32
Typical Sections				5	0		9	12					26
Horizontal and Vertical Alignment Data Sheets				1	0		2	8					11
Project Layout				3	0		2	12					17
Drainage Area Map				0	21		0	33					54
Hydraulic Calculations				0	22		0	34					56
Traffic Control Plan Narrative				5	0		12	10					27
Traffic Control Plan Layouts				10	0		28	60					98
Traffic Control Plan Details				3	0		2	19					24
Erosion Control Plan				5	0		20	36					61
Utility Conflicts				4	0		20	48					72
Driveway Details				0	0		8	14					22
Driveway Summary				1	0		4	10					15
Roadway Plan & Profile (1"=50')				28	0		64	104					196
Cross Culvert Layouts (Assume 2)				0	10		0	29					39
Cross-Sections (50' intervals and Driveways)				0	4		24	56					84
Standards				0	0		2	2					4
8.2 Specifications				2	0		6	8					16
8.3 General Notes				2	0		4	0					6
8.4 Construction Cost Estimate				2	0		8	10					20
8.5 Construction Time Determination Schedule				1	0		6	0					7
				0	0		0	0					
	Labor Hours Subtotal	0	0	80	57	0	231	528	0	0	0	0	896
	Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
	Labor Costs Subtotal	\$ -	\$ -	\$ 18,400.00	\$ 11,970.00	\$ -	\$ 36,960.00	\$ 60,720.00	\$ -	\$ -	\$ -	\$ -	\$ 128,050.00

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 9: Bidding Phase Services												
9.1 Prepare Bid Tabs			8	8			16				2	34
Labor Hours Subtota	0	0	8	8	0	0	16	0	0	0	2	34
Contract Labor Rate Per Hou	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtota	\$ -	\$ -	\$ 1,840.00	\$ 1,680.00	\$ -	\$ -	\$ 1,840.00	\$ -	\$ -	\$ -	\$ 170.00	\$ 5,530.00

Task Description	Project Principal	Senior Project Manager	Project Manager	Hydraulic Engineer	Senior Engineer	Project Engineer	Engineer -In- Training	Senior Engineering Technician	Engineering Technician	Project Administrator	Clerical	Total Labor Hours & Costs
Task 10: Construction Phase Services												
10.1 Review Shop Drawings and RFIs (Assume 2 RFIs)			6				8				2	16
10.2 Project closeout, As-Builts and submittal of electronic files			4				16			2	2	24
Labor Hours Subtotal	0	0	10	0	0	0	24	0	0	2	4	40
Contract Labor Rate Per Hour	\$ 265.00	\$ 244.00	\$ 230.00	\$ 210.00	\$ 205.00	\$ 160.00	\$ 115.00	\$ 133.00	\$ 92.00	\$ 104.00	\$ 85.00	
Labor Costs Subtotal	\$ -	\$ -	\$ 2,300.00	\$ -	\$ -	\$ -	\$ 2,760.00	\$ -	\$ -	\$ 208.00	\$ 340.00	\$ 5,608.00

DESCRIPTION						TOTAL MH	TOTAL COST
DESCRIPTION						BY TASK	BY TASK
Task 1: Project Management						166	\$ 30,983.00
Task 2: Topographic and R.O.W. Surveys						0	\$ -
Task 3: Preliminary Engineering						186	\$ 28,120.00
Task 4: Geotechnical Investigation						0	\$ -
Task 5: Environmental Studies						0	\$ -
Task 6: Utility Coordination						0	\$ -
Task 7: FEMA Coordination						0	\$ -
Task 8: Final Engineering (8 Roads) (50%, 90% & Final Submittals)						896	\$ 128,050.00
Task 9: Bidding Phase Services						34	\$ 5,530.00
Task 10: Construction Phase Services						40	\$ 5,608.00
SUBTOTAL LABOR COST						1322	\$ 198,291.00

#### DIRECT EXPENSES

Description	Unit	Co	st/Unit	Quantity	To	tal Cost
Mileage	mile	\$	0.535		\$	-
Standard Postage - Letter	each	\$	0.50		\$	-
Certified Letter Return Receipt	each	\$	6.70		\$	-
Overnight Mail - Letter Size	each	\$	25.00		\$	-
Overnight Mail - Oversized Box	each	\$	30.00		\$	-
Courier Services	each	\$	50.00		\$	-
Photocopies B/W (8 1/2" x 11")	each	\$	0.25	150	\$	37.50
Photocopies B/W (11" x 17")	each	\$	0.50	600	\$	300.00
Photocopies Color (8 1/2" x 11")	each	\$	1.00		\$	-
Photocopies Color (11" x 17")	each	\$	2.00		\$	-
Plots (B/W on Bond)	square foot	\$	6.00		\$	-
Plots (Color on Bond)	square foot	\$	8.00	36	\$	288.00
CDs	each	\$	0.50	2	\$	1.00
SUBTOTAL DIRECT EXPENSES					\$	626.50

SUMMARY	
SUBTOTAL LABOR COST	\$ 198,291.00
SUBTOTAL DIRECT EXPENSE	\$ 626.50
TOTAL	\$ 198,917.50