FEE SUMMARY

FM 2551 - FEE SUMMARY

I. BASIC ENGINEERING SERVICES **$76,765.23**

II. SUMMARY OF COST FOR BASIC ENGINEERING SERVICES

Direct Salary Cost (See attached summaries)

Project Manager	14	Hrs. @	$ 57.10	=	$799.40
Senior Design Engineer	59	Hrs. @	$ 41.00	=	$2,419.00
Design Engineer	309	Hrs. @	$ 35.00	=	$10,815.00
EIT	385	Hrs. @	$ 27.50	=	$10,587.50
Clerical	7	Hrs. @	$ 14.60	=	$102.20

Total Direct Salary	$24,723.10
Salary Related Costs (170%)	$42,029.27
Total Labor Costs	**$66,752.37**
Fixed Fee (15% Profit)	**$10,012.86**
Subtotal (Total Fee for CP&Y)	**$76,765.23**

TOTAL LUMP SUM FEE
FOR BASIC ENGINEERING SERVICES **$76,765.23**

FM2551 - MANHOUR ESTIMATE FOR BASIC ENGINEERING SERVICES

Task	No. of Sheets	Project Manager	Senior Design Engineer	Design Engineer	EIT	Clerical	Total Hours	Hrs. per Sheet	Direct Labor	Overhead Cost
		$ 57.10	$ 41.00	$ 35.00	$ 27.50	$ 14.60		(hr/sheet)		
I. Additional Design Services										
A. Typical Section Sheets (to accommodate bicycle travel and reduce pavement thickness)	3	1	1	12	4	1	19	6	$642.70	$1,092.59
B. Cross Section Sheets and Earthwork (to reduce pavement thickness)	43	1	1	8	44	1	55	1	$1,602.70	$2,724.59
C. Traffic Control Plan (to accommodate bicycle travel and reduce pavement thickness)	9	1	2	33	16		52	6	$1,734.10	$2,947.97
D. Pavement Marking Plan (to accommodate bicycle travel)	13	1	1	24			26	2	$938.10	$1,594.77
E. Railroad Exhibit A Sheets (to accommodate bicycle travel and re-design drainage in Dart ROW per TxDOT's request)	6	1	2	40	5	1	49	8	$1,691.20	$2,875.04
F. Bridge Plans (to accommodate bicycle travel and change from C221 Dallas rail to standard C221 rail)	16	2	2	12	16		32	2	$1,056.20	$1,795.54
G. SW3P Sheets (additional sheets and details to meet TxDOT current requirements)	41	1	4	40	120		165	4	$4,921.10	$8,365.87
H. Drainage modifications (to meet TxDOT current standards/requirements)	18	2	24	40	80		146	8	$4,698.20	$7,986.94
I. Stabiltiy Analysis (to meet TxDOT current requirements/not included in original contract)		2	8	12	16	2	40		$1,331.40	$2,263.38
J. Construction Schedule using Primevera Software (to meet TxDOT current requirements/not included in original contract)		1	8	40	8	1	58		$2,019.70	$3,433.49
K. Revise Cross Section, P&P, Typical Section, Intersection, Driveway Profile, Summary Sheets and Estimate to incoorperate changes on sidewalk/crosswalk/ramp requested by City of Murphy	61		4	40	60		104	2	$3,214.00	$5,463.80
Subtotals	**210**	**13**	**57**	**301**	**369**	**6**	**746**		**$23,849.40**	**$40,543.98**
II. Quantities, Summaries and Cost Estimate										
A. Revised Quantities & Cost Estimate		1	2	8	12	1	24		$763.70	$1,298.29
Subtotals		**1**	**2**	**8**	**16**	**1**	**24**		**$763.70**	**$1,298.29**
Total Manhour Estimate for Basic Services	**210**	**14**	**59**	**309**	**385**	**7**	**770**		**$24,613.10**	**$41,842.27**

Job Classification	Authorized Hourly Rates
Project Manager	$ 57.10
Senior Design Engineer	$ 41.00
Design Engineer	$ 35.00
Engineer in Training	$ 27.50
Clerical	$ 14.60

Total Overhead Multiplier	170.00%
Fixed Fee	15.00%