

ATTACHMENT B COST BREAKDOWN SUMMARY - SCOPE OF SERVICES

Indicate project Consultant
PROJECT NAME:
PID NUMBER:
GEC Contract #

Cardno
102nd Avenue North Culvert Replacement
18/012

Submitted: 11/11/2019

Revised: 1/28/2020

										Line Item Hours	Task Total	Sub Consultant Fees								
GEC Approved Job Classification																				
GEC Billable Rate (\$/hour)																				
										Principal	Chief Engineer	Project Manager	Senior Engineer	Project Engineer	Engineer	Designer	Clerical	Sr. Environ. Scientist		
1.0 Task 1 - General Tasks / Meetings (Fee: 50% City of Pinellas Park; 50% Pinellas County)																				
1.1	Two (2) Review Mtgs (60%, 100% Review)	2.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	10.0										
1.2	Coordination of Response to Comments	0.0	0.0	4.0	4.0	4.0	0.0	0.0	0.0	12.0										
1.3	Contract Maintenance	2.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	16.0										
1.4	Public involvement meeting	0.0	0.0	12.0	0.0	8.0	0.0	0.0	0.0	20.0										
1.5	Specifications	2.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	10.0										
Task 1 Hours										6.0	0.0	42.0	8.0	12.0	0.0	0.0	0.0	0.0		68.00
Task 1 Costs										\$1,800.00	\$0.00	\$6,300.00	\$1,360.00	\$1,680.00	\$0.00	\$0.00	\$0.00	\$0.00		\$11,140.00
2.0B Task 2B - Drainage Analysis / Culvert Sizing (Fee: 50% City of Pinellas Park; 50% Pinellas County)																				
2.1	Coordination w/ County - future upstream/downstream improvements	0.0	0.0	12.0	4.0	4.0	0.0	0.0	0.0	20.0										
2.2	Data collection (Watershed Model)	0.0	0.0	4.0	0.0	0.0	4.0	0.0	0.0	8.0										
2.3	Watershed model assessment (Revised Existing/Proposed/Ulimate)	0.0	8.0	24.0	0.0	24.0	24.0	0.0	0.0	80.0										
2.4	Culvert sizing analysis	0.0	0.0	12.0	8.0	8.0	0.0	0.0	0.0	28.0										
Task 2B Hours										0.0	8.0	52.0	12.0	36.0	28.0	0.0	0.0	0.0		136.00
Task 2B Costs										\$0.00	\$1,800.00	\$7,800.00	\$2,040.00	\$5,040.00	\$3,080.00	\$0.00	\$0.00	\$0.00		\$19,760.00
3.0A Task 3A - Roadway Design (Fee: 30% City of Pinellas Park; 70% Pinellas County)																				
3.1	Pavement analysis / design	0.0	0.0	0.0	2.0	4.0	2.0	0.0	0.0	8.0										
3.2	Horizontal alignment / vertical alignment (including Parking area & kayak launch loop)	0.0	2.0	16.0	24.0	16.0	32.0	0.0	0.0	90.0										
3.3	Roadside safety assessment (guardrail / conc. barrier / slopes)	0.0	0.0	4.0	4.0	4.0	8.0	0.0	0.0	20.0										
3.4	Design criteria matrix	0.0	0.0	0.0	2.0	4.0	2.0	0.0	0.0	8.0										
3.5	Engineer's cost estimate	0.0	0.0	8.0	0.0	8.0	8.0	0.0	0.0	24.0										
Task 3A Hours										0.0	2.0	28.0	32.0	36.0	52.0	0.0	0.0	0.0		150.00
Task 3A Costs										\$0.00	\$450.00	\$4,200.00	\$5,440.00	\$5,040.00	\$5,720.00	\$0.00	\$0.00	\$0.00		\$20,850.00
3.0B Task 3B - Structural Design CBC (Fee: 40% City of Pinellas Park; 60% Pinellas County)																				
3.6	Box Culvert Design	0.0	0.0	0.0	4.0	32.0	8.0	0.0	0.0	44.0										
3.7	Box Culvert Plan & Detail Sheets (Draft/Final)	0.0	0.0	0.0	4.0	8.0	32.0	44.0	0.0	88.0										
3.8	Field Reviews	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	8.0										
3.9	Technical Meetings	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	8.0										
3.10	QA/QC	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	16.0										
Task 3B Hours										0.0	0.0	0.0	28.0	48.0	44.0	44.0	0.0	0.0		164.00
Task 3B Costs										\$0.00	\$0.00	\$0.00	\$4,760.00	\$6,720.00	\$4,840.00	\$4,180.00	\$0.00	\$0.00		\$20,500.00
4.0 Task 4 - Environmental Permitting (Fee: 50% City of Pinellas Park; 50% Pinellas County)																				
4.1	Pre-application meeting (SWFWMD)	0.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	12.0										
4.2	Permit application / Permit package (SWFWMD/ERP)	0.0	0.0	8.0	0.0	4.0	0.0	0.0	4.0	24.0										
4.3	Permit Plans	0.0	0.0	4.0	0.0	0.0	4.0	4.0	0.0	16.0										
4.4	Channel Dredge/Fill analysis	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	8.0										
4.5	US Army Corp permit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	38.0										
Task 4 Hours										0.0	0.0	16.0	0.0	8.0	8.0	4.0	8.0	54.0		98.00
Task 4 Costs										\$0.00	\$0.00	\$2,400.00	\$0.00	\$1,120.00	\$880.00	\$380.00	\$588.48	\$7,560.00		\$12,928.48
5.0 Task 5 - Roadway Plans (Fee: 70% City of Pinellas Park; 30% Pinellas County)																				
5.1	Data collection & Field visits	0.0	0.0	6.0	0.0	6.0	12.0	0.0	0.0	24.0										
5.2	Roadway Plans preparation (60%/100%/Final)	0.0	4.0	16.0	8.0	32.0	40.0	0.0	0.0	100.0										

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GEC Approved Job Classification										Line Item Hours	Task Total	Sub Consultant Fees	
GEC Billable Rate (\$/hour)	\$300.00	\$225.00	\$150.00	\$170.00	\$140.00	\$110.00	\$95.00	\$73.56	\$140.00				
TASK DESCRIPTIONS (Fee Distribution)	Principal	Chief Engineer	Project Manager	Senior Engineer	Project Engineer	Engineer	Designer	Clerical	Sr. Environ. Scientist				
5.3 Design Documentation (Roadway and Drainage)	0.0	0.0	12.0	8.0	12.0	4.0	0.0	4.0	0.0	40.0			
5.4 Bidability / constructibility review	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0			
5.5 QA/QC	8.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0			
Task 5 Hours	12.0	20.0	38.0	16.0	50.0	56.0	0.0	4.0	0.0		196.00		
Task 5 Costs	\$3,600.00	\$4,500.00	\$5,700.00	\$2,720.00	\$7,000.00	\$6,160.00	\$0.00	\$294.24	\$0.00		\$29,974.24		
Total Hours	18.0	30.0	176.0	96.0	190.0	188.0	48.0	12.0	54.0		812.00		
Total Costs	\$5,400.00	\$6,750.00	\$26,400.00	\$16,320.00	\$26,600.00	\$20,680.00	\$4,560.00	\$882.72	\$7,560.00		\$115,152.72		
CONTINGENCY												\$0.00	
Survey (OMNI) (Fee: 50% City of Pinellas Park; 50% Pinellas County)												\$10,302.68	
Geotechnical (AREHNA) (Fee: 100% City of Pinellas Park)												\$8,250.00	
Total Sub Consultant Costs												\$18,552.68	
TOTAL PROJECT COST												\$133,705.40	
TOTAL PROJECT COST (City of Pinellas Park)												\$70,752.55	
TOTAL PROJECT COST (Pinellas County)												\$62,952.85	
Post Design Services (Not included in Total Project Cost)												\$15,000.00	
City of Pinellas Park 50%												\$7,500.00	
Pinellas County 50%												\$7,500.00	