Proj. No.: Pl No.:

0019781

Prime: Croy Engineering

Date: 19-Jul-2024

Offeror: Croy Engineering

200 N. Cobb Pkwy Bldg 400, Suite 413 Marietta, Ga, 30062

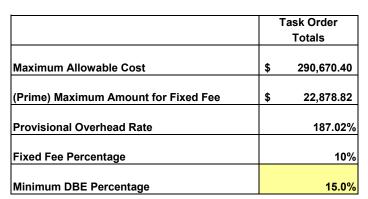
Contact: Chris Rideout

Project Manager

Contract Office: Powder Spring

Contract Action: Task Order

Contract Type: Cost Plus Fixed Fee



Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Contract Type: Cost Plus Fixed Fee

Fixed Fee %: 10%

Master Contract: Contract Expiration: Task Order No:

Proj. No.:

PI No.: 0019781

Prime: Croy Engineering Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street

County: Cobb Master Contract: 0

Contract Type: Cost Plus Fixed Fee Contract Expiration: 0-Jan-1900

Fixed Fee %: 10% Task Order No: 0

Consultant Project Team

	-							Firm Invo	lvement			
Firms		DBE?	Manage- ment	Roadway	Design Support	Bridge	Traffic	Environ- mental	Survey	Aerial Mapping	Geotech- nical	SUE
	By GDOT>											
	By Others>											
	Not Required>											
Prime:	Croy Engineering	No	х	х	Х		х	х	х			X
Subs:	ICE	No				Х						
	Brockington	Yes						х				
	R2T	Yes						х				
	Geo-Hydro	No									х	
	Sub Firm Name 5	NO										
	Sub Firm Name 6	No										
	Sub Firm Name 7	Yes										
	Sub Firm Name 8	Yes										
	Sub Firm Name 9	No										

Attachment B Cost Proposal Summary

Proj. No.:

PI No.: 0019781

Date: 19-Jul-2024

Prime: Croy Engineering

Project: Austell Powder Springs Road @ Marietta Street

County: Cobb Master Contract: 0

Contract Type: Cost Plus Fixed Fee Contract Expiration: 0-Jan-1900 Fixed Fee %: 10% Task Order No: 0

Cost Summary by Firm

·	Maximum Allowable Compensation ==>	\$ A	290,670.40 Estimated mounts by Firm	Maximum Fixed Fee Amounts by Firm	DBE (Yes/No)	DBE Goal > Estimated DBE articipation	15.0% Estimated DBE %
	TOTALS ==>	\$	290,670.40	\$ 25,730.12		\$ 33,889.98	11.7%
Prime:	Croy Engineering	\$	256,780.42	\$ 22,878.82	No		
Subs:	ICE	\$	-	\$ -	No		
	Brockington	\$	33,889.98	\$ 2,851.30	Yes	\$ 33,889.98	11.7%
	R2T	\$	-	\$ _	Yes	\$ -	0.0%
	Geo-Hydro	\$	-	\$ -	No		
	Sub Firm Name 5	\$	-	\$ -	NO		
	Sub Firm Name 6	\$	-	\$ -	No		
	Sub Firm Name 7	\$	-	\$ -	Yes	\$ -	0.0%
	Sub Firm Name 8	\$	-	\$ -	Yes	\$ -	0.0%
	Sub Firm Name 9	\$	-	\$ _	No		
İ							
1							

Proj. No.: PI No.: **0019781**

Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Contract Type: Cost Plus Fixed Fee

Master Contract: 0 Contract Expiration: 0-Jan-1900

Date: 19-Jul-2024

Prime: Croy Engineering

Fixed Fee %: 10%

Task Order No: 0

Cost Summary

Include a column for each discipline tab included in the proposal.

Ensure formulas link to the corresponding discipline tab.

	By Phase / Disciplin	e / Firm			v Formula Pulls Fi	irm N	lame from each	Disc	ipline Tab							LE	Insure formulas	link t	the correspor	ding o	liscipline tab.				
Phase	Phase Description	Total Fee	ı	Croy Engineering	Croy Engineering		Prime Firm Name	Sı	ub Firm Name 4	ı	Croy Engineering	E	Croy ngineering	В	rockington	E	Croy Ingineering	Sul	Firm Name 4	Sub	Firm Name 5	Sul	Firm Name 7	Sub	Firm Name 8
		Enter discip provided by firn		Project Management	Roadway Design	De	esign Support		idge Design & Hydraulics		Traffic Operations	En	vironmental	En	vironmental		Survey		Aerial Mapping		Utilities vestigation (SUE)		Geotech	L	_ighting
	Totals	\$ 290,670.	10 \$	20,025.61	\$ 68,753.35	\$	-	\$		\$	44,323.40	\$	41,643.42	\$	33,889.98	\$	82,034.64	\$	-	\$	-	\$	-	\$	-
1	Concept Development	\$ 185,355.°	18 \$	15,281.79	\$ 63,578.05	\$	-	\$	-	\$	42,674.15	\$	29,931.21	\$	33,889.98	\$	-	\$	-	\$	-	\$	-	\$	-
2	Database Preparation	\$ 82,983.	10 \$	948.76	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	82,034.64	\$	-	\$	-	\$	-	\$	-
3	Environmental Document	\$ -	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
4	Preliminary Plans	\$ -	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
5	Right of Way Plans	\$ -	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
6	Final Plans	\$ -	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	_	\$	-	\$	-	\$	-
7	Construction Services	\$ -	\$	-	\$ -	\$	-	\$	-	\$	_	\$	-	\$	-	\$	_	\$	_	\$	-	\$	-	\$	-
8	Special Studies	\$ -	\$	-	\$ -	\$	-	\$	-	\$	_	\$	-	\$	-	\$	_	\$	_	\$	-	\$	-	\$	-
9	Public Involvement	\$ 22,331.	32 \$	3,795.06	\$ 5,175.30	\$	-	\$	-	\$	1,649.25	\$	11,712.21	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Fixed Fee	\$ 25,730.	12 \$	1,809.45	\$ 6,212.33	\$	-	\$	-	\$	3,681.89	\$	3,762.77	\$	2,851.30	\$	7,412.38	\$	-	\$		\$	-	\$	-
		Tab Nam	9>>	PM1	Rd1		DS1		Br1		Trf1		Env1		Env2		Srv1		Мар1		SUE1		OMT1		Lt1
	DBE (Yes or No)			No	No						No		No		Yes		No				NO		Yes		Yes
	DBE Participation	\$ 33,889.	8 \$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	33,889.98	\$	-	\$	-	\$	-	\$	-	\$	-
	DBE %	11.	7%												11.7%										
	Contract DBE Goal %	15.	0%																						

Proj. No.:

PI No.: **0019781**

Prime: Croy Engineering
Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Contract Type: Cost Plus Fixed Fee

Fixed Fee %: **10%**

Master Contract: 0
Contract Expiration: 0-Jan-1900

Task Order No: 0

Hours Summary	
By Phase / Firm	
Phase Description	Total Hours

Phase	Phase Description	Total Hours	Croy	Croy	Prime Firm	Sub Firm Name	Croy	Croy	Brockington	Croy	Sub Firm Name	Sub Firm Name	Sub Firm Name	Sub Firm Name
1	nase Besonption	Total Hours	Engineering	Engineering	Name	4	Engineering	Engineering	Brookington	Engineering	4	5	7	8
			gg		- Tunio	·	gg	gg		gg	•	· ·	•	· ·
			Project	Roadway	Design Support		Traffic	Environmental	Environmental	Survey	Aerial	Utilities	Geotech	Lighting
			Management	Design		Hydraulics	Operations				Mapping	Investigation		
												(SUE)		
	Totalo	2.000	00	420			222	250	366	700				
	Totals	2,086	90	436	-	-	232	256	366	706	-	-	-	-
1	Concept Development	1,244	70	400	_	-	224	184	366	-	_	_	-	-
		,												
2	Database Preparation	710	4	-	-	-	-	-	-	706	-	-	-	-
3	Environmental Document	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dreliminem: Dlene													
4	Preliminary Plans	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Right of Way Plans	_	_	_	_	-	_	-	-	_	_	-	-	-
6	Final Plans	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Construction Services	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Special Studies	_	-	-	_	_	_	-	-	_	_	-	-	_
9	Public Involvement	132	16	36	-	-	8	72	-	-	-	-	-	-

Proj. No.:

Pl No.: **0019781** Prime: Croy Engineering Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Master Contract: Contract Expiration:

Contract Type: Cost Plus Fixed Fee Fixed Fee %: **10%**

Task Order No:

Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab Croy Engineering

It is the Consultant's responsibility to ensure all

Discipline	Project Management	ect Management			Hours & Cost Estimate				the TOTALS		
Phase	Description	Assumptions / Notes	Total Hours	Total Cost	Total Other Direct Costs	Fixed Fee @ 10%	Total Labor Cost	Direct Labor Cost	Indirect Costs (Overhead) @ 187.02%		
		TOTALS ==>	90	\$ 20,025.61	\$ -	\$ 1,809.45	\$ 18,216.16	\$ 6,304.26	\$ 11,790.23	\$ 121.67	
< <click b<="" td=""><td>UTTON TO LEFT SHOW OR HIDE PHASE SUMMARY</td><td></td><td></td><td>Staff Type / Proj</td><td>ect Hourly Rates</td><td>/ Hours</td><td>_</td><td></td><td>_</td><td>_</td><td></td></click>	UTTON TO LEFT SHOW OR HIDE PHASE SUMMARY			Staff Type / Proj	ect Hourly Rates	/ Hours	_		_	_	
			Total	Project Manager	Administrative						
Phase	Description			\$74.67	\$40.00						
	TOTALS ==>		90	78	12	-	-	-	-	-	
1	Concept Development		70	58	12	-	-	-	-	-	
2	Database Preparation		4	4	-	-	-	-	-	-	
3	Environmental Document		-	-	-	-	-	-	-	-	
ı	Preliminary Plans		-	-	-	-	-	-	-	-	
5	Right of Way Plans		-	-	-	-	-	-	-	-	
6	Final Plans		-	-	-	-	-	-	-	-	
7	Construction Services		-	-	-	-	-	-	-	-	
8	Special Studies		_	_	-	-	-	_	-	-	

Phase Level Summary - Other Direct Costs

Public Involvement

Phase	ase Level Summary - Other Direct Costs													
					Other Direct Cos	ts								
			Total C		Express/Mail /Courier	Lodging	Meals	Mileage	Parking	Reproduction /Printing	Car Rental			
Phase	Description		Direct C	Costs										
	TOTALS ==>		\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
1	Concept Development		\$	-										
2	Database Preparation		\$	-										
3	Environmental Document		\$	-										
4	Preliminary Plans		\$	-										
5	Right of Way Plans		\$	-										
6	Final Plans		\$	-										
7	Construction Services		\$	-										
8	Special Studies		\$	-										
9	Public Involvement		\$	-										

Proj. No.:

PI No.: 0019781
Prime: Croy Engineering
Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street

County: Cobb Master Contract:
Contract Type: Cost Plus Fixed Fee Contract Expiration:

v Select Firm from Pulldown, Uses List on Project Tab

Contract Type: Cost Plus Fixed Fee
Fixed Fee %: 10%

Task Order No:

Croy Engineering
Discipline: Project Management

Hours & Cost Estimate

It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS

Hours by Task

Hours	by Task										
			Total Hours	Project Manager	Administrative	-	-	-	-	-	-
1	Concept Development	Assumptions / Notes	70	58	12	-	-	-	-	-	
	Project Management - Coordination Meetings		_								
	Project Management - Schedule		_	-							
	Management/Updates			-							
	Project Administration (Contracting, Invoicing,										
	etc.)	Assume 12 months	30	18	12						
	Prepare Project Management Plan		-								
	Prepare Quality Control Plan		-								
	Attend PAR Meeting		-								
	Attend Initial Concept Team Meeting		4	4							
	Attend Concept Team Meeting Dry Run		4	4							
	Attend Concept Team Meeting		4	4							
	Review Concept Layout, Report, Cost Estimates		24	24							
	Value Engineering Study - Review Materials,			24							
	Participate, Review and Respond to										
	Recommendations		_								
	Review/Submit Traffic Projections		2	2							
	Review/Submit Traffic Reports		2	2							
	Troviou, cubinic Trumo Troporte										
			_								
			-								
			Total Hours	Project Manager	Administrative	-	-	-	-	-	•
2	Database Preparation	Assumptions / Notes	4	4	-	-	-	-	-	-	-
	Project Management - Coordination Meetings		4	4							
	Project Management - Schedule										
	Management/Updates		_								
	Project Administration (Contracting, Invoicing,										
	etc.)		-								
	Prepare/Mail Survey Entry Letters		-								
	Review/Submit Databases		-								
			-								
			-								
			Total Hours	Project Manager	Administrative	-	-	-	-	-	-
3	Environmental Document	Assumptions / Notes	-	-	-	-	-		-	-	-
	Project Management - Coordination Meetings		-	-							
	Project Management - Schedule Management/Updates		-								
	Project Administration (Contracting, Invoicing,										
	etc.)										
	Review Environmental Submittals										

Proj. No.:

Project: Austell Powder Springs Road @ Marietta Street

Pl No.: **0019781**

County: Cobb Master Contract: Contract Expiration:

Prime: Croy Engineering

Contract Type: Cost Plus Fixed Fee Fixed Fee %: 10%

Task Order No:

Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab Croy Engineering

	Croy Engineering						It is the Consultant's responsibility to ensure all				
Discipline	Project Management			Hours & Co	st Estimate	9	hours and costs a	re accounted for in	the TOTALS		
			-								
			-								
			Total Hours	Project Manager	Administrative	-	-	-	-	-	-
4	Preliminary Plans	Assumptions / Notes	_	_	-	_	_	_	_	_	_
	•	Pro									
	Project Management - Coordination Meetings		-								
	Project Management - Schedule										
	Management/Updates		-								
	Project Administration (Contracting, Invoicing,										
	etc.) Coordinate/Attend Constructability Review		-								
	Review PFPR Submittals, Request		-								
	Attend PFPR										
	Review PFPR Responses		-								
	·		-								
			-								
			-								
	T		I otal Hours	Project Manager	Administrative	-	-	-	-	-	-
5	Right of Way Plans	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Project Management - Coordination Meetings										
	Project Management - Schedule Management/Updates										
	Project Administration (Contracting, Invoicing,		-								
	etc.)		_								
	Review Right of Way Plan Submittals		-								
	,		-								
			-								
			-								
	1		Total Hours	Project Manager	Administrative	-	-	-	-	-	-
6	Final Plans	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Project Management - Coordination Meetings		-								
	Project Management - Schedule Management/Updates										
	Project Administration (Contracting, Invoicing,		-								
	etc.)										
	Review FFPR Submittals, Request		-								
	Attend FFPR		-								
	Review FFPR Responses										
	Review Final Plan Submittals		-								
<u> </u>			-								
			Total Hours	Project Manager	Administrative	_	_	_	_	_	_
			10.0.110013	. roject manager	. tarriirioti dii vo				_		
7	Construction Services	Assumptions / Notes	-	-	-	-	-	-	-	-	-

Proj. No.:

Project: Austell Powder Springs Road @ Marietta Street

Pl No.: **0019781**

County: Cobb Master Contract: Contract Expiration: Task Order No:

Prime: Croy Engineering
Date: 19-Jul-2024

Contract Type: Cost Plus Fixed Fee Fixed Fee %: 10%

	Croy Engineering		on Project Tab Fixed Fee %: 10% Task Order No:								
	19-Jul-2024	v Select Firm from Pulldown, Use	s List on Project	Tab	Fixed Fee %:	10%			Task Order No:		
	Croy Engineering						It is the Consultar	nt's responsibility to	ensure all		
Discipline	Project Management			Hours & Co	st Estimate	,	hours and costs ar	e accounted for in	the TOTALS		
	Project Management & Coordination		-								
	Project Administration (Contracting, Invoicing,										
	etc.)		-								
	,		-								
			-								
			-								
			Total Hours	Project Manager	Administrative	-	-	-	-	-	-
8	Special Studies	Assumptions / Notes	_	_	-	_	_	_	_	_	_
	·		-								
			-								
			-								
			-								
			-								
			-	5							
			I otal Hours	Project Manager	Administrative	-	-	-	-	-	-
9	Public Involvement	Assumptions / Notes	16	16	-	-	-	-	-	-	-
	Project Management - Coordination Meetings		-								
	Project Management - Schedule										
	Management/Updates		-								
	Project Administration (Contracting, Invoicing,										
	etc.) Review Public Involvement Plan		-								
	Attend PIOH, Review Comments &										
	Responses		16	16							
	Attend PHOH, Review Comments &			10							
	Responses		_								
	Participate in CAC Organization and Meetings		-								
	Participate in Local Government Meetings		-								
	Meetings, Conversations with Individual										
	Property Owners		-								
	Prepare for, Attend Key Stakeholder Meetings		-								
	Prepare for, Attend EJ Community Meetings										
	riepare ior, Attenu EJ Community Meetings		-								
	Prepare for, Attend Neighborhood Meetings		_								
	Prepare for, Attend Special Interest Group										
	Meetings		_								
			-								
			-								
			-								
			-								
				Project Manager	Administrative	-	-	-	-	-	-

Proj. No.:

Pl No.: **0019781** Prime: Croy Engineering Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Master Contract: Contract Expiration:

Contract Type: Cost Plus Fixed Fee
Fixed Fee %: 10%

Task Order No:

Date: 19-Jul-2024	v Select Firm from Pulldown, Uses List on Project Tab	Fixed Fee %: 10%	Task Orde
Croy Engineering			It is the Consultant's responsibility to ensure all
Discipline: Roadway Design	H	ours & Cost Estimate	hours and costs are accounted for in the TOTALS

סוס	olpilite.	Rodaliay Boolgii		Troute & Goot Estimate									
				Total Hours	Total Cost	Total Other Direct Costs	Fixed Fee @	Total Labor Cost	Direct Labor Cost	Indirect Costs (Overhead) @			
Pha	ase	Description	Assumptions / Notes				10%			187.02%	1.93%		
			TOTALS ==>	436	\$ 68,753.35	\$ -	\$ 6,212.33	\$ 62,541.02	\$ 21,644.24	\$ 40,479.05	\$ 417.73		

		TOTALS ==>	436	\$ 68,753.35	\$ -	\$ 6,212.33	\$ 62,541.02	\$ 21,644.24	\$ 40,479.05	\$ 417.73	i
< <click bi<="" th=""><th>JTTON TO LEFT SHOW OR HIDE PHASE SUMMARY</th><th></th><th></th><th>Staff Type / Proje</th><th>ect Hourly Rates</th><th>Hours</th><th></th><th></th><th></th><th></th><th></th></click>	JTTON TO LEFT SHOW OR HIDE PHASE SUMMARY			Staff Type / Proje	ect Hourly Rates	Hours					
			Total	Project Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	CADD Technician	Administrative
Phase	Description			\$74.67	\$67.31	\$45.00	\$40.00			\$18.50	
	TOTALS ==>		436	28	108	160	116	-	-	24	-
1	Concept Development		400	28	104	144	100	-	-	24	-
2	Database Preparation		-	-	-	-	-	-	-	-	-
3	Environmental Document		-	-	-	-	-	-	-	-	-
4	Preliminary Plans		-	-	-	-	-	-	-	-	-
5	Right of Way Plans		-	-	-	-	-	-	-	-	-
6	Final Plans		-	-	-	-	-	-	-	-	-
7	Construction Services		-	-	-	-	-	-	-	-	-
8	Special Studies		-	-	-	-	-	-	-	-	-
9	Public Involvement		36	-	4	16	16	-	_	-	_

Phase Level Summary - Other Direct Costs

	Level Gaillinary - Guiler Birect			a., a.							
	_			Other Direct Cos	its	•	•	_	•		
		Total (Express/Mail /Courier	Lodging	Meals	Mileage	Parking	Reproduction /Printing	Car Rental	
Phase	Description	Direct	Costs								
	TOTALS ==>	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1	Concept Development	\$	-								
2	Database Preparation	\$	-								
3	Environmental Document	\$	-								
4	Preliminary Plans	\$	-								
5	Right of Way Plans	\$	-								
6	Final Plans	\$	-								
7	Construction Services	\$	-								
8	Special Studies	\$	-								
9	Public Involvement	\$	-								

Proj. No.:

Pl No.: **0019781** Prime: **Croy Engineering**Date: **19-Jul-2024** Project: Austell Powder Springs Road @ Marietta Street County: Cobb

Master Contract: Contract Type: Cost Plus Fixed Fee Contract Expiration: Task Order No:

Fixed Fee %: **10%**

Croy Engineering It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS Discipline: Roadway Design **Hours & Cost Estimate**

v Select Firm from Pulldown, Uses List on Project Tab

Hours by Task

	-				Project	Project				CADD	
			Total Hours	Project Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
1	Concept Development	Assumptions / Notes	400	28	104	144	100	-	-	24	
	Discipline Management - Coordination										
	Meetings	Assume 12 months	24	12	12	-					
	Prepare / Contribute to Project Justification										
	Statement		6	-	2	4					
	Coordinate with USACOE (section 408)		-								
	Assist / Coordinate Bridge Type Study		-								
	Information Gathering		8			8					
	Conduct Site Visits		12	-	4	4	4				
	Prepare Quality Assurance Plan		-								
	Internal Quality Assurance Reviews		16	16							
	External Peer Review		-								
	Prepare Concept Property Database		-								
	Contribute to / Prepare Interchange										
	Modification Report (IMR)		-								
	Contribute to / Prepare Interchange										
	Justification Report (IJR)		-								
	Prepare Highway Safety Manual Analysis		-								
	Prepare Capacity Analysis Reports/ Prepare										
	Traffic Summary		-								
	Assist / Coordinate PES and PTS Reports		-		_						
	Complete Concept Pavement Design		4		4						
	Conceptual Drainage Design		36		4	8	24			-	
	Prepare Concept Profiles		44		4	24	8			8	
	Prepare Concept Typical Sections		10		2					8	
	Prepare Concept Cross Sections		-		_		40				
	Prepare Concept Layout		60		4	8	40			8	
	Prepare PAR Layouts, Attend Meeting		-								
	Prepare Concept Report		24		16	8					
	Prepare Design Data Book (design criteria)		8		8						
	Validate/Revise Concept Layout		-								
	Validate/Revise Concept Report		-								
	Validate/Revise Design Data Book (design criteria)										
	Criteria)		-								
	Propaga Concept Construction Cost Estimates		40			40					
	Prepare Concept Construction Cost Estimate)		16			16					
	Contribute to Concept Right of Way Cost Estimate				4						
			4		4						
	Prepare for, Attend, Document Initial Concept Team Meeting		24		0	0	0				
	Prepare for, Attend Concept Team Meeting		24	-	8	8	8				
	Dry Run		24		8	8	8				
	Prepare for, Attend, Document Concept Team		24	-	8	8	8				
	Meeting		24		8	0	8				
	Meeting		24	-	8	8	8				
	Provide Materials for Value Engineering Study		_								
	Participate in Value Engineering Study		-								
	T artioipate iii vaiue Erigirieeriiig Stuuy		-								

Proj. No.: Project: Austell Powder Springs Road @ Marietta Street

PI No.: 0019781 County: Cobb Master Contract:
Prime: Croy Engineering
Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab

County: Cobb Master Contract:
Contract Type: Cost Plus Fixed Fee Contract Expiration:
Fixed Fee %: 10% Task Order No:

		v Select Firm from Pulldown, Use	s List on Project	Tab	Fixed Fee %:	10%			Task Order No:		
	Croy Engineering						It is the Consultar	nt's responsibility to	ensure all		
Discipline	Roadway Design			Hours & Co	ost Estimate	•	hours and costs a	e accounted for in	the TOTALS		
	Revise Concept Report per VE Study										
	Recommendations		-								
	Coordinate Logical Termini Meetings and										
	Memorandum		-								
	Complete Streets Warrants and Design Memo		-								
	Prepare Roundabout Grading Plan		56		16	40					
			-								
			-								
			-		Drainat	Drainat				CADD	
			Total Hours	Project Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
			Total Hours	1 Toject Manager	Liigiileei - Oi.	Liigiileei	Liigineei	Designer -or.	Designer	recillician	Administrative
2	Database Preparation	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Discipline Management - Coordination										
	Meetings		-								
	Prepare for / Attend Pre-Survey Meeting		-								
	Roadway QC of Survey Database Coordinate submittal for 20% Check		-								
	Coordinate submittal for 20% Check		-								
	Enhance Topographic Database for Design										
-	Enhance Topographic Database for Design										
			_		Project	Project				CADD	
			Total Hours	Project Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
3	Environmental Document	Assumptions / Notes	_	, ,	-	-		-	-	-	_
	Discipline Management - Coordination										
	Meetings		-								
	Prepare for, participate in A3M		-								
	Agency meetings		-								
	Roadway QC of Environmental										
	Document/Studies		-								
			-								
					Project	Project				CADD	
			Total Hours	Project Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
4	Preliminary Plans	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Discipline Management - Coordination	-									
	Meetings		-								
	Coordinate with Adjacent Projects		-								
	Coordinate with USACOE (section 408)		-								
	Coordinate with Railroads		-								
	Prepare RR Submittal		-								
	Prepare ATMS Plans		-								
	Preliminary Relocation Utility Team Meeting		-								
	1st Utility Plan submission		-								
	Prepare Existing Utility Plans from SUE-										
	Database or Utility Co. Markups Right of Way/Utility Team meeting		-								
			-								
	SUE-Coordinate/attend meeting to confirm- test holes based on Utility Impact Analysis										
	(UIA)		_								
	Prepare Preliminary Right of Way and										
	Easements		_								

Proj. No.:
Project: Austell Powder Springs Road @ Marietta Street
County: Cobb
Mass

PI No.: 0019781 County: Cobb Master Contract:

Prime: Croy Engineering Contract Type: Cost Plus Fixed Fee Contract Expiration:

Date: 19-Jul-2024 V Select Firm from Pulldown Uses List on Project Tab Fixed Fee %: 10% Task Order No:

Date:	19-Jul-2024	v Select Firm from Pulldown, Uses L	ist on Project 1	Tab	Fixed Fee %:	10%			Task Order No:	
	Croy Engineering						It is the Consultan	it's responsibility to	anauma all	
				Haura 9 Ca	st Estimate		hours and costs at	e accounted for in	the TOTALS	
Discipline	Roadway Design			nours & Co	ost Estimate	;				1
	Contribute to Updated R/W Cost Estimate		-							
	Coordinate with Traffic Engineer to incorporate Preliminary Signal Plans to Plan Set		_							
	Prepare Signing and Marking Plans		-							
	Prepare Prelim. Erosion, Sed. & Pollution									
	Control Plans: Sections 50,51,53,54,and 55		-							
	Prepare Sediment Basin Design / Grading		-							
	Prepare Hydrological Studies / FEMA for No-									
	Zone/ZoneX/ZoneA		-							
	Prepare Preliminary Drainage Design and- Layout		-							
	Prepare Preliminary Drainage Profiles/Cross- Sections		-							
	Prepare Drainage Area Map		-							
	Prepare Preliminary Bridge Consturction- Staging Plan (Section 20)		-							
	Prepare Retaining Wall Locations and Envelopes		_							
	Prepare Noise Walls / Barriers		-							
	Prepare Special Grading Plans (Special									
	Intersections/Roundabout Plans/Ponds)		-							
	External Peer Review Coordination and									
	Revise Plans for Roundabouts		-							
	Update / Maintain Design Notebook		-							
	Prepare Design Exception Report		-							
	Prepare Design Variance Report		-							
	Prepare / Contribute to Landscaping Plans		-							
	Prepare Pavement Designs		-							
	Prepare intersection sight distance study		-							
	Prepare Typical Sections		-							
	Prepare Construction Layout/Stakeout Sheet		-							
	Prepare Corridor Location Map/Aerial Mosaic									
	(New Location)		-							
	Prepare Roadway Plans, Profiles, etc.		-							
	Prepare Roadway Cross-Sections		-							
	Prepare Preliminary Driveway Profiles Prepare Preliminary Staging Plans		-							
			-							
	Prepare Preliminary Staging Cross Sections (critical cross sections only??)									
	Complete Offsite Detour Plans, Prepare and Submit Detour Report									
	Prepare Prelim. Earthwork Qtys. by Stage- Construction									
	Prepare for, Participate in Constructability- Review		-							
	Prepare PFPR Plans for Submittal		-							
	Prepare for, Participate in PFPR		-							
	Address PFPR Comments		-							
	Prepare Detailed Construction Cost Estimate									
	Per Milestone and Annual Update		-							

Proj. No.: Project: Austell Powder Springs Road @ Marietta Street
PI No.: 0019781 County: Cobb Masi

PI No.: 0019781 County: Cobb Master Contract:
Prime: Croy Engineering Contract Type: Cost Plus Fixed Fee Contract Expiration:
Date: 19-Jul-2024 V Select Firm from Pulldown, Uses List on Project Tab Fixed Fee %: 10% Task Order No:

Date:	19-Jul-2024	v Select Firm from Pulldown, Use	es List on Projec	t Tab	Fixed Fee %:	10%			Task Order No:		
	Croy Engineering						It is the Consulta	nt's responsibility to	ensure all		
Discipline	Roadway Design			Hours & Co	st Estimate	e	hours and costs a	re accounted for in	the TOTALS		
Discipline	Prepare Draft Special Provisions			mouro a oc	ot Eotimati	<u> </u>					
	Prepare Special Construction Details		_								
	Milestones Internal Quality Assurance										
	Reviews		_								
			-								
			-								
					Project	Project				CADD	
			Total Hours	Project Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
5	Right of Way Plans	Assumptions / Notes	_	_	-	_	_	_	_	_	_
	Discipline Management - Coordination	, , , , , , , , , , , , , , , , , , , ,									
	Meetings		-								
	Prepare Location and Design Report		-								
	Prepare Right-of-Way Plans		-								
	R/W Plan Review Revisions		-								
	Internal Quality Assurance Reviews		-								
	Preparing Staking and Deed Data		-								
	Revisions during Acquisition		-								
	Prepare displays for Propery Owners Meeting		-								
			-								
			-								
			-								
					Project	Project				CADD	
			Total Hours	Project Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
6	Final Plans	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Discipline Management - Coordination										
	Meetings		-								
	Coordinate with USACOE (section 408)		-								
	Coordinate with Railroads		-								
	Prepare RR submittal		-								
	Coordinate with Utility Companies for										
	Relocations		-								
	2nd Utility Plan submission		-								
	Supplemental 2nd Utility Plan submission (If										
	applicable)		-								
	Finalize Utility Plans		-								
	Finalize ATMS/ITS Plans and Details		-								
	Prepare TMP Report		-								
	Coordinate with Traffic Engineer to incorporate										
	Final Signal Plans to Plan Set		-								
	Finalize Signing and Marking Plans		-								
	Finalize MS4 Design		-								
	Finalize Erosion, Sed. & Pol. Ctrl. Plans for Staged Constr.		_								
	Prepare / Submit "Lockdown" Plans for										
	Permitting 31 or 38 Weeks Prior to Let, as										
	Appropriate		-								
	Prepare Updated Culvert Plans for USACE										
	permitting		-								
	Prepare Special Design Box Culverts		-								
	Finalize Drainage Design, Profiles, Cross										
	Sections		-								

Proj. No.:
Project: Austell Powder Springs Road @ Marietta Street
County: Cobb
Mass

PI No.: 0019781

Prime: Croy Engineering

Date: 19-Jul-2024

County: Cobb

Contract Type: Cost Plus Fixed Fee

Contract Type: Cost Plus Fixed Fee

Fixed Fee %: 10%

Task Order No:

Date:	19-Jul-2024	v Select Firm from Pulldown, Uses	s List on Project	Tab	Fixed Fee %:	10%			Task Order No:		
	Croy Engineering						It is the Consultar	nt's responsibility to	ensure all		
Disciplina	Roadway Design			Hours & Co	et Fetimate	1	hours and costs a	e accounted for in t	the TOTALS		
Disciplino	Finalize Retaining Wall Locations and			Tiouro & oc	ot Estimate	<u> </u>					
	Envelopes		_								
	Finalize Noise Wall / Barrier Plans		-								
	Finalize/Validate Pavement Design		-								
	Finalize Special Grading Plans (Special										
	Intersections/Roundabout Plans/Ponds)		-								
	External Peer Review Coordination and										
	Revise Plans for Roundabouts		-								
	Finalize Cover Sheet, Index, General Notes		-								
	Finalize Typical Sections		-								
	Finalize Roadway Plans, Profiles, etc.		-								
	Enhance Proposed Surface for 3D modeling		-								
	Finalize Driveway Profiles		-								
	Finalize Staging Plans and Details		-								
	Finalize Staging Cross-Sections		-								
	Prepare FFPR Plans for Submittal		-								
	Prepare for, Participate in FFPR		-								
	Address / Implement FFPR Comments		-								
	Prepare Corrected FFPR Plans		-								
	Address Final Corrected Plans- comments/revisions		-								
	Finalize Detailed Construction Quantities, Cost										
	Estimate Per Milestone and Annual Update		_								
	Revise Construction Plans per R/W										
	Acquisition Revisions		_								
	Prepare Special Construction Details		-								
	Prepare Special Provisions		_								
	Prepare / Contribute To Supplemental										
	Specifications		_								
	Prepare Detailed Plan Sheets		-								
	Prepare / Submit Final Plans		-								
	Internal Quality Assurance Reviews		-								
	Revise Plans, Prepare Amendments During- Bidding Process		-								
	Revise Erosion Control Plans Based on EPD										
	Comments		-								
			-								
			-								
			-								
			Total Hours	Project Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	CADD Technician	Administrative
7	Construction Services	Assumptions / Notes									
-	`	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Answer Design Inquiries after let/prior to-		_								
	construction		_								
	Answer Design Questions during Construction		-								
	Participate in Post-Construction Evaluation		-								
	Revise Plans for Use-On Construction and/or										
	Amendments		-								

Proj. No.:

Pl No.: **0019781**

County: Cobb Master Contract: Prime: Croy Engineering
Date: 19-Jul-2024 Contract Type: Cost Plus Fixed Fee
Fixed Fee %: 10% Contract Expiration: Task Order No:

Project: Austell Powder Springs Road @ Marietta Street

Date:	19-Jul-2024	v Select Firm from Pulldown, Use	s List on Project	Tab	Fixed Fee %:	10%			Task Order No:		
	Croy Engineering						It is the Consultar	nt's responsibility to	ensure all		
Discipline	Roadway Design			Hours & Co	st Estimate	9	hours and costs ar	e accounted for in t	the TOTALS		
	Complete Final Earthwork Coordination		•								
	Preconstruction / Construction Status Update Meetings		-								
	Assist / Prepare 7-day inspection letter		-								
	i i		-								
			-								
			-								
			Total Hours	Project Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	CADD Technician	Administrative
	Special Studies	Accommentions / Notes									
8	Special Studies	Assumptions / Notes	-	-	-	-	-	-	-	-	_
			-								
			-								
			-		Dunings	Duningt				CADD	
			Total Hours	Project Manager	Project Engineer - Sr.	Project	Engineer	Designer -Sr.	Docianor	CADD Technician	Administrative
	T		Total Hours	Project Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative
-	Public Involvement	Assumptions / Notes	36	-	4	16	16	-	-	-	-
	Discipline Management - Coordination										
	Meetings Assist with Public Involvement Plan		-								
			-								
	Prepare for, Attend PIOH, Respond to Comments		36		4	16	16				
	Prepare for, Attend PHOH, Respond to										
	Comments		-								
	Assist with Organizing a Citizen's Advisory- Committee (CAC)		-								
	Plan, Prepare for, Participate in CAC Meetings		-								
	Plan, Prepare for, Conduct Local Government- Meetings		ı								
	Meetings, Conversations with Individual Property Owners		-								
	Prepare for, Attend, Document Key- Stakeholder Meetings		1								
	Prepare for, Attend, Document EJ Community- Meetings		1								
	Prepare for, Attend, Document Neighborhood- Meetings		-								
	Prepare for, Attend, Document Special Interest Group Meetings		ı								
	Prepare for, Attend Detour Meeting, Respond- to-Comments		_								
	Prepare for, Participate in Charrette		_								
	Prepare 3D Visualizations		-								
	Prepare 3D Animations		_								
	Assist / Manage Project Website		_								
			_								
			_								
					Project	Project				CADD	
				Project Manager		Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrative

Proj. No.:

Pl No.: **0019781** Prime: Croy Engineering Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Master Contract: Contract Expiration:

Contract Type: Cost Plus Fixed Fee Fixed Fee %: **10%**

Task Order No:

Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab **Croy Engineering**

It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS Houre & Cost Estimate

							it is the consultar	it a responsibility to	J Clisule all			
_[Discipline: Traffic Operations				Hours & Co	ost Estimate	•	hours and costs a	re accounted for in	the TOTALS		
				Total Hours	Total Cost	Total Other Direct Costs	Fixed Fee @	Total Labor Cost	Direct Labor Cost	Indirect Costs (Overhead) @	FCCM@	
F	Phase	Description	Assumptions / Notes				10%			187.02%	1.93%	
			TOTALS ==>	232	\$ 44,323.40	\$ 3,575.00	\$ 3,681.89	\$ 37,066.51	\$ 12,828.00	\$ 23,990.93	\$ 247.58	
<	<click bu<="" td=""><td>TTON TO LEFT SHOW OR HIDE PHASE SUMMARY</td><td>,</td><td></td><td>Staff Type / Proje</td><td>ect Hourly Rates</td><td>Hours</td><td></td><td></td><td></td><td></td><td></td></click>	TTON TO LEFT SHOW OR HIDE PHASE SUMMARY	,		Staff Type / Proje	ect Hourly Rates	Hours					
				Total Hours	Senior Traffic	Project	Project Engineer	Fngineer	Designer -Sr	Designer	CADD Technician	Project Administrator

< <click b<="" th=""><th>UTTON TO LEFT SHOW OR HIDE PHASE SUMMARY</th><th></th><th>Staff Type / Proje</th><th>ect Hourly Rates I</th><th>/ Hours</th><th></th><th></th><th></th><th></th><th></th></click>	UTTON TO LEFT SHOW OR HIDE PHASE SUMMARY		Staff Type / Proje	ect Hourly Rates I	/ Hours					
Phase	Description	Total Hours	Senior Traffic Manager \$64.90	Project Engineer - Sr.	Project Engineer \$45.00	Engineer	Designer -Sr.	Designer	CADD Technician	Project Administrator
	TOTALS ==>	232	120	-	112	-	-	-	-	-
1	Concept Development	224	112	-	112	-	-	-	-	-
2	Database Preparation	-	-	-	-	-	-	-	-	-
3	Environmental Document	-	-	-	-	-	-	-	-	-
4	Preliminary Plans	-	-	-	-	-	-	-	-	-
5	Right of Way Plans	-	-	-	-	-	-	-	-	-
6	Final Plans	-	-	-	-	-	-	-	-	-
7	Construction Services	-	-	-	-	-	-	-	-	-
8	Special Studies	-	-	-	-	-	-	-	-	-
9	Public Involvement	8	8	-	_	-	-	-	-	-

Phase Level Summary - Other Direct Costs

Filase	Level Summary - Other Direct	Cosis		ı									
					Other Direct Cos	sts							
				l Other	Express/Mail /Courier	Lodging	Meals	Mileage	Parking	Reproduction /Printing	Car Rental	Traffic	Counts
Phase	Description		Direc	t Costs									
	TOTALS ==>		\$	3,575	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	3,575
1	Concept Development		\$	3,575								\$	3,575
2	Database Preparation		\$	-									
3	Environmental Document		\$	-									
4	Preliminary Plans		\$	-									
5	Right of Way Plans		\$	-									
6	Final Plans		\$	-									
7	Construction Services		\$	-									
8	Special Studies		\$	-									
9	Public Involvement		\$										

Proj. No.:

Pl No.: **0019781** Prime: **Croy Engineering**Date: **19-Jul-2024** Project: Austell Powder Springs Road @ Marietta Street

County: Cobb Master Contract: Contract Type: Cost Plus Fixed Fee Contract Expiration:

v Select Firm from Pulldown, Uses List on Project Tab

Fixed Fee %: **10%**

Task Order No:

Croy Engineering Discipline Traffic Operations

Hours & Cost Estimate

It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS

Hours by Task

Hours	Dy rask										
			Total Hours	Senior Traffic	Project Engineer - Sr.	Project	Engineer	Designer -Sr.	Dooignor	CADD Technician	Project Administrator
	T	1	Total Hours	Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	recrinician	Administrator
1	Concept Development	Assumptions / Notes	224	112	-	112	•	-	-	-	-
	Office of Planning		-								
	Discipline Management & Coordination		8	8							
	Establish growth rates for Traffic Forecast		12	4		8					
	Obtain Traffic Counts		-								
	Description Desirations Mathedalay, Descrip		40			0					
	Prepare Traffic Projections Methodolgy Report Prepare Design Traffic, Including Diagrams		16 56	8		8 40					
	Internal Quality Assurance Reviews			16		40					
	internal Quality Assurance Reviews		8	8							
	Office of Troffic Operations		-								
	Office of Traffic Operations		-								
	Discipline Management & Coordination Prepare Crash Rates		8 12	8		0					
				4		8					
	Perform Detailed Crash Analysis		12	4		8					
	Prepare Traffic Engineering Study Report including Intersection Control Evaluation (ICE)										
		Phase 1 & 2	80	40		40					
	Prepare conceptual signal drawing	Thase T & Z	-	40		40					
	Prepare conceptual signal cost estimate		_								
	Attend Initial Concept Team Meeting		2	2							
	Attend Concept Team Meeting		2	2							
	Internal Quality Assurance Reviews		8	8							
	internal Quanty / todarance / teviewe			<u> </u>							
			_								
			-								
				Senior Traffic	Project	Project				CADD	Project
			Total Hours	Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrator
2	Database Preparation	Assumptions / Notes		-	-	-	-				
	Database Freparation	Assumptions / Notes	-	-	-	-	-	-	-	-	-
			_								
			_	Senior Traffic	Project	Project				CADD	Project
			Total Hours	Manager	Engineer - Sr.	Engineer	Engineer	Designer -Sr.	Designer	Technician	Administrator
		T			g	g	g	g			
3	Environmental Document	Assumptions / Notes	-	-	-	-	-	-	-	-	-
			-								
			-	Senior Traffic	Project	Project				CADD	Droject
			Total Hours	Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	Technician	Project Administrator
	<u> </u>	1	1 Otal 1 IOUIS	iviariayer	Liigiiieei - oi.	Liigiileei	Engineer	Designer -or.	Designer	Technician	Administrator
4	Preliminary Plans	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	Office of Traffic Operations		-								
	Discipline Management & Coordination		-								
	Prepare Preliminary Signing & Marking Plans -										
	Signal Upgrade Projects Only		-								
	Prepare 50% Signal Plans and Review with										
	Traffic Opeations		-								
	Complete Preliminary Signal Plans		-								

Proj. No.:

Project: Austell Powder Springs Road @ Marietta Street

PI No.: 0019781

County: Cobb Master Contract:

Contract Type: Cost Plus Fixed Fee

Prime: Croy Engineering Contract Expiration: Date: 19-Jul-2024 Fixed Fee %: 10% Task Order No: v Select Firm from Pulldown, Uses List on Project Tab **Croy Engineering** It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS **Hours & Cost Estimate** Discipline Traffic Operations Prepare Preliminary Signal Communication Prepare Preliminary ATMS/ITS Plans Signal Plan quanitities in CES Prepare for, Participate in PFPR Respond to PFPR Comments Internal Quality Assurance Reviews Senior Traffic Project Project CADD Project **Total Hours** Manager Engineer - Sr. Engineer Engineer Designer -Sr. Designer Technician Administrator Right of Way Plans **Assumptions / Notes** Note: Use Rd tab(s) for Limited Scope Signal or ITS-only projects CADD Senior Traffic Project Project Project **Total Hours** Manager Engineer - Sr. Engineer Engineer Designer -Sr. Designer Technician Administrator Final Plans Assumptions / Notes Office of Planning Discipline Management & Coordination Obtain Traffic Counts Update Design Traffic Diagrams Prepare Memo, Submit for Approval Internal Quality Assurance Reviews Office of Traffic Operations Discipline Management & Coordination Finalize Signal Plans (PFPR Corrections) Finalize Signal Communication Plans (PFPR Corrections) Finalize ATMS/ITS Plans and Details (PFPR Corrections) Finalize Detailed Construction Quantities, Cost Estimate Prepare for, Participate in FFPR Respond to FFPR Comments Correct FFPR plans and submit PS&E Submittal Address comments prior to letting Internal Quality Assurance Reviews Senior Traffic Project CADD Project **Total Hours** Designer -Sr. Designer Technician Manager Engineer - Sr. Engineer Engineer Administrator **Construction Services** Assumptions / Notes

Proj. No.:

Project: Austell Powder Springs Road @ Marietta Street

Pl No.: **0019781** County: Cobb Contract Type: Cost Plus Fixed Fee

Master Contract: Contract Expiration:

Prime: **Croy Engineering**Date: **19-Jul-2024** Fixed Fee %: **10%** v Select Firm from Pulldown, Uses List on Project Tab

Task Order No:

Croy Engineering It is the Consultant's responsibility to ensure all

Discipline	Traffic Operations			Hours & Co	st Estimate)	hours and costs a	re accounted for in t	the TOTALS		
	· · · ·		Total Hours	Senior Traffic Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	CADD Technician	Project Administrator
8	Special Studies	Assumptions / Notes	-	-		-	-	-	-	-	-
	Prepare Interchange Modification Report- (IMR)		-								
	Prepare Interchange Justification Report (IJR)		-								
			-								
			Total Hours	Senior Traffic Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	CADD Technician	Project Administrator
9	Public Involvement	Assumptions / Notes	8	8	-	-	-	-	-	-	-
	Office of Traffic Operations	-	-								
	Discipline Management & Coordination Prepare for, Attend PIOH, Respond to Comments		8	8							
	Prepare for, Attend PHOH, Respond to- Comments		-	0							
	Prepare for, Participate in CAC Meetings		-								
	Prepare for, Attend Local Government Meetings		-								
	Prepare for, Attend Key Stakeholder Meetings		-								
	Prepare for, Attend EJ Community Meetings		-								
	Prepare for, Attend Neighborhood Meetings		-								
	Prepare for, Attend Special Interest Group- Meetings		-								
	Prepare for, Particpate in Charrette		-								
	Office of Design Policy & Support		-								
	Discipline Management & Coordination		-								
	Prepare visualization/simulation of traffic		-								
			-								
				Senior Traffic Manager	Project Engineer - Sr.	Project Engineer	Engineer	Designer -Sr.	Designer	CADD Technician	Project Administrator

Proj. No.: Pl No.: **0019781**

Phase Description

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master
Contract Type: Cost Plus Fixed Fee Contract
Fixed Fee %: 10% Task

10%

Master Contract: Contract Expiration:

\$ 3,762.77 \$ 37,880.65 \$ 13,109.76 \$ 24,517.87 \$

Task Order No:

v Select Firm from Pulldown, Uses Lis

Assumptions / Notes

TOTALS ==>

Hours & Cost Estimate Total Other Direct Costs Total Labor Direct Labor Indirect Costs Total Hours (Overhead) @ 187.02% Fixed Fee @ **Total Cost** Cost Cost

256 \$ 41,643.42 \$

Hour Sumr	nary by Dis	cipline				
Total Hours	Envir Analyst Hours	History Hours	Archaeology Hours	Ecology Hours	Air Hours	Noise Hours
256	208	_	_	48	_	

Phase Level Summary - Labor

v Enter Employees Current Direct Labor Hourly Rate EXCLUDING ESCALATION

	JTTON TO LEFT SHOW OR HIDE PHASE SUMMARY		Staff Type / Pro	ject Hourly Rates																
	Description	Total Hours	Envir Analyst -	Envir Analyst - Senior Specialist	Envir Analyst -	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead \$51.21	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
	TOTALS ==>	256	208	-	-	-	-	-	-	-	-	48	-	-	-	-	-	-		-
1	Concept Development	184	136	-	_	_	-	-	-	-	-	48	_	-	-	-	-	-	-	_
2	Database Preparation			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Environmental Document			-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
4	Preliminary Plans			-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
5	Right of Way Plans			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Final Plans			-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	_
7	Construction Services			-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	_
3	Special Studies			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_
ə	Public Involvement	72	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FCCM @ 1.93%

253.02

Phase Level Summary - Other Direct Costs

	•		Other Direc	Costs																
Phase	Description	Total Ot		Brockington - Archaeologica	Meals	Mileage	Parking	Reproduction /Printing	Car Rental	Equipment	Lab Fees									
Tilase		Direct Co	313	1.						_			1				1		_	
	TOTALS ==>	\$	- \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1	Concept Development	\$	-																	
2	Database Preparation	\$																		
3	Environmental Document	\$																		
4	Preliminary Plans	\$																		
5	Right of Way Plans	\$																		
	Final Plans	\$																		
7	Construction Services	\$																		
8	Special Studies	\$																		
9	Public Involvement	\$																		

Hours by Task

		Total Hours		Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
1 Concept Development		184	136	-	-	-		-	-	-	-	48		-	-	-	-		-	-
NEPA	Assumptions	-																		
Perform Environmental Management and																				
Coordination		24																		
Update T-PRO and P-6		12	12																	
Attend Project Team Meetings		12	12																	
Conduct Early Coordination		24	24																	
Attend Kickoff and Concept Meeting(s)		8	8																	
Survey for NEPA Resources		8	8																	
Contribute to Concept Report		8	8																	
Attend PAR and Contribute to PAR Report		-																		
Prepare EJ Tech Memo		-																		
Prepare Need, Purpose, and Logical Termini (NELT) Report		24	24																	
Contribute to Need and Purpose		8	8																	
Conduct Land Use Research for ICE		-																		
Prepare for and Attend Value Engineering Study		-																		
Perform All Functions of A3M		8	8																	

Page 21 of 33

Proj. No.:

PI No.: **0019781** Prime: **Croy Engineering** Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master Contract:
Contract Type: Cost Plus Fixed Fee Contract Expiration:

Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab Fixed Fee %: 10% Task Order No: Croy Engineering It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS Discipline: Environmental Hours & Cost Estimate **Hour Summary by Discipline** Assist with IJR/IMR Ecology Assumptions Discipline Management - Coordination File Review & Deliverables Schedule Development/Coordination w/ GDOT Ecologis Prepare for and attend project meetings and prepare, review and comment on minutes Desktop Review & Early Coordination Field Survey ARDVRq Package & Field Visit State Waters Determination Package & Field Resource Survey Report Avoidance & Minimization Measures Meeting (A3M) Cultural Resources Assumptions Discipline Management Team Meetings
History Field Survey/HRSR Perform Phase I Archaeological Survey/Report Envir Analyst -Envir Analyst -Envir Analyst -History -History - Senior History -Archaeology -Archaeology -Archaeology -Ecology -Ecology - Senior Ecology -Air - Senior Noise - Senior Noise -Total Hours Manager/Lead Senior Specialist Specialist Manager/Lead Manager/Lead Senior Specialis Specialist Manager/Lead Manager/Lead Specialist Manager/Lead Specialist Database Preparation Envir Analyst -Envir Analyst -Envir Analyst -Archaeology -Archaeology -Ecology - Senior Ecology -Air -Total Hours Manager/Lead Senior Specialist Specialist Manager/Lead Specialist Specialist Manager/Lead Senior Specialist Specialist Manager/Lead Specialist Specialist Manager/Lead Specialist Air - Specialist Manager/Lead Specialist Specialist **Environmental Document** NEPA Assumptions Update T-PRO and P-6 Prepare for and Attend Constructability Attend Project Meetings Complete Form AD-1006 for Farmland Assess Direct, Indirect and Cumulative Effect (ICE) to the Social Environment Assess/Coordinate for Direct, Indirect and Cumulative Effects (ICE) to Water Quality, Floodplains, and Farmland Assess Visual Impacts (EIS only) Minimis Finding Coordinate for Section 6(f) Coordinate for Federal Lands Involvement Prepare Categorical Exclusion (CE) Prepare Programmatic Categorical Exclusion (PCE) Prepare Environmental Assessment (EA) Prepare Finding of No Significant Impact Prepare EA/FONSI for Federal Lands Prepare Draft Environmental Impact Statement (DEIS) Prepare Final EIS/Record of Decision Prepare Supplemental EIS Conduct Alternatives Analysis for Programmatic Section 4(f) Evaluation Conduct Alternatives Analysis for Individual Prepare Programmatic 4(f) Evaluation
Prepare Individual Section 4(f) Evaluation

Prepare EJ Mitigation Plan

Proj. No.: PI No.: 0019781 Prime: Croy Engineering Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master
Contract Type: Cost Plus Fixed Fee Contract E
Fixed Fee %: 10% Task Master Contract:
Contract Expiration:
Task Order No:

		v Select Firm from Pulldown, Use	es List on Projec	t Tab	Fixed Fee %: 10%		Task Order	No:				
	Croy Engineering					It is the Cons	ultant's responsibility to ensure all					
Discipline:	Environmental			Hours & Cos	t Estimate	hours and cos	ts are accounted for in the TOTALS		Hour Sum	mary by Discipline		
	Prepare and Update Commitments Table		-							The state of the s		
	Prepare GEPA B Document		-									
	Prepare GEPA EER		-									
			-									
			-									
	Cultural Resources	Assumptions	-			_						
-	Discipline Management	Assumptions	-									
	Team Meetings		-									
	Perform Historic Resources Surveys/Report											
	/Addendums		-									
	Perform Archaeological Resources- Surveys/Report		_									
	Perform Phase II Archaeological											
	Testing/Report		-									
	Prepare ARPA Permit		-									
	Prepare Cultural Resources Assessment of											
	Effects Prepare Memorandum of Agreement		-									
	Contribution to Section 4f											
	A3M- input into sharepoint and attend											
	meeting(s) (Meeting(s)/Data Entry)		-									
	State-Funded Documentation		-									
	Review and comment on PFPR plans		-									
	Ecology	Assumptions	-									
	Discipline Management - Coordination	7 to Carripation C	-									
	File Review & Deliverables Schedule Development/Coordination w/ GDOT Ecologist											
-	Development/Coordination w/ GDOT Ecologist		-									
	Prepare for and attend project meetings and											
	prepare, review and comment on minutes		-									
	Report - Assessment of Effects Report		-									
	Report - Combined ERS-AOE Report Report - Memo or "Write-off" Memo		-									
-	Preparation of Special Provision 107.23 (G or		-									
	H)		-									
			-									
	Air & Noise	Assumptions										
	Conduct Site Visit, identify Land Uses (NAC- Categories of Receptors) (Take a Minimum of											
	3 Validation Readings)		-									
	Obtain and Study Permit Information		-									
	Complete Noise Model for Existing and Design Year No-Build-											
	Complete Validation Run (Utilize Traffic-		-									
	Counted During Site Visit Validation											
	Readings)		-									
	Complete Naise Medal (D : V D ::											
	Complete Noise Model for Design Year Build- Study Mitigation Measures for Impacted-		-									
	Receptors, including Studying Noise Walls											
	Analyze Any Feasible Noise Walls to											
	determine if they are Reasonable to Construct Write Noise Assessment		-									
	Noise QAQC											
	Complete Noise Public Involvement Survey/s		-									
	Attend Noise Public Involvement Meeting/s		-									
			-									
	Review STIP/TIP Information		-									
	Calculate MOVES Emission Factors for											
	Existing, Design Year Build and No-Build, Free Flow and Idle											
	Run CAL3QHC Model for Existing, Design											
	Year Build and No-Build		-									
	Complete PM 2.5 Agency Coordination		-									
	Complete MSAT Qualitative Analysis Complete MSAT Quantitative Analysis		-									
	Write Air Assessment		-									
	Air QAQC		-									
			-									
			-									
			-									

Proj. No.:
PI No.: 0019781
Prime: Croy Engineering
Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master
Contract Type: Cost Plus Fixed Fee Contract
Fixed Fee %: 10% Task Master Contract:

Contract Expiration: Task Order No: v Select Firm from Pulldown, Uses List on Project Tab

Date	e: 19-Jul-2024	v Select Firm from Pulldown, Us	ses List on Proje	ct Tab	Fixed Fee %:	10%			Task Order No	:											
	Croy Engineering						It is the Consulta	nt's responsibility to	ensure all												
D: : !:	Environmental			Haura e C	oot Eatimet	_		re accounted for in					Harry Crem	mam, by Dia	ainlina						
Discipiin	e: Environmental		1	Hours & C	USI ESIIIIali	e		1				ı	Hour Suill	mary by Disc	стрипе			1	1	1	
			Total Hours	Envir Analyst - Manager/Lead	Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
4	Preliminary Plans		Total Hours	Wanager/Leau	Geriioi Opecialist	opecialist -	Wallagel/Lead	opecialist -	Оресіанізі	Wanager/Leau	- Jerilor Opecialist	Opecialist -	Wanager/Lead	opecialist -	- Оресіанізі	ivianager/Lead	оресіалізі	All - Opecialist	Wallagel/Lead	-	- Оресіалізі
•	NEPA	Assumptions																			
	Prepare for, Participate in PFPR	Assumptions	-																		
	Respond to PFPR Comments		-																		
	Ecology	Assumptions	-																		
	PFPR - Attend, take notes and provide written comments on plans, green sheet and report																				
	7.5		-																		
			T-4-111	Envir Analyst -	Envir Analyst -	Envir Analyst -	History -	History - Senior	History -	Archaeology -	Archaeology -	Archaeology -	Ecology -	Ecology - Senior	Ecology -	Air -	Air - Senior	Air Conniction	Noise -	Noise - Senior	Noise -
5	Right of Way Plans		Total Hours	Manager/Lead	Senior Specialist	Specialist	Manager/Lead	Specialist	Specialist	Manager/Lead	Senior Specialist	Specialist	Manager/Lead	Specialist	Specialist	Manager/Lead	Specialist	Air - Specialist	Manager/Lead	Specialist	Specialist
3	NEPA	Assumptions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Prepare Environmental Reevaluation for R/W	Assumptions																			
	Authorization		-																		
	Certify Project for ROW Authorization																				
<u> </u>	Ecology	Assumptions	-																		
	Review and provide written comments on- green sheet and plans																				
	green sneet and plans		-																		
			Total Hours	Envir Analyst - Manager/Lead	Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
6	Final Plans				zzpoolallot			-p-3/4/100	-F-0/01/01		Specialist				- p - 5101101		-F-2001101			- p - 3ianot	
6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	NEPA	Assumptions	-																		
	Perform Environmental Management and Coordination		_																		
	Update T-PRO and P-6		-										 								
	Attend Project Meetings		-																		
	Prepare for, Participate in FFPR		-																		
	Respond to FFPR Comments		-																		
	Prepare Environmental Reevaluation for Let		-																		
	Certify Project for Let		-																		
	Cultural Resources	A	-																		
	Discipline Management	Assumptions	-																		
	Team Meetings		-		 																
	Prepare Addendum to Historic Resources																				
	Surveys/Report (fieldwork, report, QC)		-																		
	Prepare Addendum to Archaeological																				
	Resources Surveys/Report		-																		
	Prepare Addendum to Cultural Resources Assessment of Effects		_																		
	Review and comment on FFPR plans		-																		
			-																		
	Ecology	Assumptions	-																		
	Discipline Management - Coordination																				
	File Review & Deliverables Schedule Development/Coordination w/ GDOT Ecologist																				
	Prepare for and attend project meetings and prepare, review and comment on minutes		_																		
	Field Survey		<u> </u>																		
	Report - Addendum		-																		
	Review and provide written comments on- green sheet and plans-		_																		
1	Buffer Variance Application		-																		
	Buffer Variance Modification		 																		
	Permit Application - Section 404 RP 35 or																				
<u></u>	Individual Permit																				
	Permit Application - Section 404 General- Permit (non-RP 35)																				
	Permit (non-RP 35) Permit Application - Individual Permit		-																		
	Modification Letter		-																		
	Permit Application - Other		-																		
	Regional Conditions Stream Survey		-																		
	FFPR - Attend, take notes and provide written comments on plans, green sheet and report		_																		

Proj. No.: PI No.: 0019781 Prime: Croy Engineering Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Maste
Contract Type: Cost Plus Fixed Fee Contract
Fixed Fee %: 10% Task Master Contract: Contract Expiration: Task Order No:

Date: 19-Jul-2024	v Select Firm from Pulldown, Us	es List on Projec	ct Tab	Fixed Fee %:	10%			Task Order No:												
Croy Engineering						It is the Consultar	nt's responsibility to	ensure all												
Discipline: Environmental			Hours & Co	ost Estimat	е		e accounted for in t					Hour Sumi	mary by Dis	cipline						
Air & Noise	Assumptions	-																		
Prepare Addendum to Air Quality Assessment																				
Prepare Addendum to Air Quality Assessment		-																		
Prepare Addendum to Noise Assessment		-																		
Prepare Vacant Parcel Reassessment																				
		-																		
			Envir Analyst -	Envir Analyst -	Envir Analyst -	History -	History - Senior	History -	Archaeology -	Archaeology -	Archaeology -	Ecology -	Ecology - Senior	Ecology -	Air -	Air - Senior		Noise -	Noise - Senior	Noise -
		Total Hours	Manager/Lead	Senior Specialist	Specialist	Manager/Lead	Specialist	Specialist		Senior Specialist		Manager/Lead	Specialist	Specialist	Manager/Lead	Specialist	Air - Specialist		Specialist	Specialist
7 Construction Services	Assumptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-																		
			Envir Analyst -	Envir Analyst -	Envir Analyst -	History -	History - Senior	History -	Archaeology -	Archaeology -	Archaeology -	Ecology -	Ecology - Senior	Ecology -	Air -	Air - Senior		Noise -	Noise - Senior	Noise -
		Total Hours	Manager/Lead	Senior Specialist		Manager/Lead	Specialist	Specialist		Senior Specialist		Manager/Lead	Specialist	Specialist	Manager/Lead	Specialist	Air - Specialist	Manager/Lead	Specialist	Specialist
8 Special Studies	Assumptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Attend constructability meeting		-																		
Attend agency field meeting Scope of Analysis Package		 																		
Practicable Alternatives Review (PAR)		<u> </u>																		
Process & Report Collaboration		<u> </u>																		
CRD Package & Site Visit Protected Species Survey (Terrestrial)		-																		
Protected Species Survey (Aquatic)		-																		
Bat Studies- Phase I: Habitat Assessment		-																		
Bat Studies- Phase II: Mist-net and Acoustic-																				
Survey Bat Studies- Phase III: Telemetry (Radio-		-																		
Tracking)		-																		
Protected Species Report (Short Form)		-																		
Protected Species Report (Full Report) Protected Species Report - Aquatic		- :																		
Protected Species Report - Bats (Non-Short-																				
Form)		-																		
Biological Assessment/Formal Section 7 Consultation																				
		-																		
		Total Hours	Envir Analyst - Manager/Lead	Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
9 Public Involvement		72		_			_	-	_			_				-	_		_	
NEPA	Assumptions	-	, 2																	
Coordination		8	8																	
Prepare Public Involvement Plan																				
Prepare PIOH or PHOH Materials (ad, handout packet, etc.)		24	24																	
Perform All Functions of Dry Run		8	8																	
Coordinate PIOH or PHOH Location (if-																				
applicable) Prepare for and Attend PIOH or PHOH		- R	Ω																	
Prepare PIOH or PHOH Synopsis		8	8																	
Attend PIOH or PHOH Debrief																				
Prepare and Mail PIOH or PHOH Response to Comments Letter		R	Q																	
Organize and Conduct a Citizen's Advisory			8																	
Committee		-																		
Organize and Conduct Special Meetings Plan, Prepare for, Conduct Charrette		-																		
Prepare, Distribute Meeting Flyers		-																		
Prepare, Distribute Newsletters																				
Prepare, Host, Maintain Website		<u> </u>																		
Prepare, Provide Materials for GDOT Website		8	8																	
Prepare, Distribute News Releases																				
Prepare, Publish Advertisements Setup, Operate Hotline		-																		
Lead Noise Barrier Outreach		-																		
Air & Noise	Assumptions	-																		
Prepare for, Lead, Document Noise Public- Involvement Meeting/s		_																		
		<u> </u>																		
						18.4		1111								A: 6 :				
				Envir Analyst - Senior Specialist		History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
		1		Specialiot						posicilot						- p - 3101101		g5,,,200d		

Proj. No.: PI No.: 0019781 Prime: Croy Engineering Date: 19-Jul-2024

Description

Phase

Total Hours

TOTALS ==>

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master
Contract Type: Cost Plus Fixed Fee Contract
Fixed Fee %: 10% Task Master Contract:

Contract Expiration: Task Order No:

ale.	13-Jul-2024	v Select Firm from Pulldown, Uses List on Projec	rixeu ree 70. 10
	Brockington		
line:	Environmental		Hours & Cost Estimate

	Н	ours & Co	ost Estimate	9	flours and costs a	re accounted for in	the TOTALS		
Hours	1	Total Cost	Total Other Direct Costs	Fixed Fee @ 10%	Total Labor Cost	Direct Labor Cost	Indirect Costs (Overhead) @ 129.31%	FCCM @ 0.11%	
366	\$	33,889.98	\$ 2,512.00	\$ 2,851.30	\$ 28,526.68	\$ 12,434.26	\$ 16,078.74	\$ 13.68	

Hour Sumr	nary by Dis	cipline				
Total Hours	Envir Analyst Hours	History Hours	Archaeology Hours	Ecology Hours	Air Hours	Noise Hours
366	-	116	250	-	-	-

Phase Level Summary - Labor v Enter Employees Current Direct Labor Hourly Rate EXCLUDING ESCALATION

< <click b<="" th=""><th>JTTON TO LEFT SHOW OR HIDE PHASE SUMMARY</th><th></th><th>Staff Type / Pro</th><th>ject Hourly Rates</th><th>/ Hours</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></click>	JTTON TO LEFT SHOW OR HIDE PHASE SUMMARY		Staff Type / Pro	ject Hourly Rates	/ Hours															
Phase	Description	Total Hours	Envir Analyst - Manager/Lead	Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead \$38,04	History - Senior Specialist \$33.27	History - Specialist \$24.31	Archaeology - Manager/Lead	Archaeology - Senior Specialist \$33.27	Archaeology - Specialist \$24.31	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
	TOTALS ==>	366		-	-	56	20	40	152		42	_	-	-	-	-	-	-	-	
1	Concept Development	366		_	_	56	20	40	152	56	42	_	_	_	-	-	_	_	-	
2	Database Preparation			-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	
3	Environmental Document			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Preliminary Plans			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Right of Way Plans		<u> </u>	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	
6	Final Plans		<u> </u>	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	
7	Construction Services		<u> </u>	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	
8	Special Studies			-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	
9	Public Involvement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Phase Level Summary - Other Direct Costs

	•		Other Direct Co:	sts																
Phase		Total Other Direct Costs		Brockington - Archaeological	Meals	Mileage	Parking	Reproduction /Printing	Car Rental	Equipment	Lab Fees	Archival Research Fee	Curation Fee							
	TOTALS ==>	\$ 2,512	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,022	\$ 575	\$ -	\$ -	\$ 265	\$ 650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1	Concept Development	\$ 2,512						\$ 1,022	\$ 575			\$ 265	\$ 650							
2	Database Preparation	\$ -																		
3	Environmental Document	\$ -																		
4	Preliminary Plans	\$ -																		
5	Right of Way Plans	\$ -																		
6	Final Plans	\$ -																		
7	Construction Services	\$ -																		
8	Special Studies	\$ -																		
9	Public Involvement 5	\$ -																		

Hours by Task

		Total Hours	Envir Analyst - Manager/Lead	Envir Analyst - Senior Specialist		History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist	Noise - Manager/Lead	Noise - Senior Specialist	Noise - Specialist
1 Concept Development		366	-	-	-	56	20	40	152	56	42	-	-	-	-	-	-	-	-	
NEPA	Assumptions	-																		
Perform Environmental Management and Coordination		-																		
Update T-PRO and P-6		-																		
Attend Project Team Meetings		-																		
Conduct Early Coordination		-																		
Attend Kickoff and Concept Meeting(s)		-																		
Survey for NEPA Resources		-																		
Contribute to Concept Report		-																		
Attend PAR and Contribute to PAR Report		-																		
Prepare EJ Tech Memo		-																		
Prepare Need, Purpose, and Logical Termini (NELT) Report																				
Contribute to Need and Purpose		-																		
Conduct Land Use Research for ICE		-																		
Prepare for and Attend Value Engineering- Study		-																		
Perform All Functions of A3M		-																		

Proj. No.: PI No.: 0019781 Prime: Croy Engineering Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master Contract:
Contract Type: Cost Plus Fixed Fee Contract Expiration:
Fixed Fee %: 10% Task Order No:

	19-Jul-2024	v Select Firm from Pulldown, Use	es List on Projec	Tab	Fixed Fee %:	: 10%		٦	Task Order No:												
	Brockington						It is the Consulta	nt's responsibility to	ensure all												
	Environmental			Hours & Co	ost Estimat	Δ.		re accounted for in t					Hour Sum	mary by Disc	inline						
Discipilite.	Assist with IJR/IMR		_	ilouis a o	Jot Estimat	1							riour ouiiii	liary by bisc	прине						
	ASSIST WITH IOTAIWIT																				
			-																		
	Ecology	Assumptions	-																		
	Discipline Management - Coordination		-																		
	•																				
	File Review & Deliverables Schedule																				
	Development/Coordination w/ GDOT Ecologist		-																		
	Prepare for and attend project meetings and prepare, review and comment on minutes																				
			-																		
	Desktop Review & Early Coordination		-																		
	Field Survey		-																		
	ARDVRq Package & Field Visit		-																		
	State Waters Determination Package & Field																				
	Visit		-																		
	Resource Survey Report Avoidance & Minimization Measures Meeting		-																		
	(A3M)		_																		
-	(/																				
	Cultural Resources	Assumptions																			
	Discipline Management	дошириона	16				0			0											
	Team Meetings		16				8			8											
	History Field Survey/HRSR		100				40	20	40	Ů											
	Perform Phase I Archaeological						70	20													
	Survey/Report		222							124	56	42									
	Prepare ARPA Permit		12							12											
			-																		
			-																		
			-																		
																		1			
			Total Haura	Envir Analyst -	Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology -	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology -	Air - Manager/Lead	Air - Senior Specialist	Air - Specialist M	Noise - //anager/Lead	Noise - Senior Specialist	Noise -
	D. (.)		Total Hours	wariager/Leau	Seriior Specialist	Specialist	Manager/Leau	Specialist	Specialist	iviariager/Leau	Seriioi Specialist	Specialist	iviariagei/Leau	Specialist	Specialist	iviariagei/Leau	Specialist	All - Specialist II	//ariager/Leau	Specialist	Specialist
2	Database Preparation	Assumptions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
			-																		
			-																		
				F	Facilia Ameliant	Facility American	I lintano.	History Contra	1.0-4	A b l	All	A l l ·	Fastani	Faalaani Caalaa	El	Air -	Air - Senior	1	Noise -	Naine Coming	Maine
			Total Hours	Envir Analyst - Manager/Lead	Envir Analyst - Senior Specialist	Envir Analyst - Specialist	History - Manager/Lead	History - Senior Specialist	History - Specialist	Archaeology - Manager/Lead	Archaeology - Senior Specialist	Archaeology - Specialist	Ecology - Manager/Lead	Ecology - Senior Specialist	Ecology - Specialist	Manager/Lead	Specialist	Air - Specialist M	//anager/Lead	Noise - Senior Specialist	Noise - Specialist
_	Environmental Document		Total Floure	managon/20aa	Corner openiano	орозилос	managon/20aa	oponanor	орозилог	Managon/2000	oomo, oposiamot	opoolaliot	managon/2000	oposianor	opoolanot	managonzoaa	oposia.iot	7 til	nanagon/Loda	оросканог	oposianot
3			-		-	-	-	-	-	-		-	-	-		-	-		-	-	-
	NEPA	Assumptions	-																		
	Perform Environmental Management and- Coordination																				
	Update T-PRO and P-6		-																		
-	Prepare for and Attend Constructability		-																		
	Review		_																		
	Attend Project Meetings		-																		
	Complete Form AD-1006 for Farmland																				
	Impacts		-																		
	Assess Direct, Indirect and Cumulative Effects																				
	(ICE) to the Social Environment		-																		
	Assess/Coordinate for Direct, Indirect and																				
	Cumulative Effects (ICE) to Water Quality, Floodplains, and Farmland																				
	Fioodplains, and Farmiand Assess Visual Impacts (EIS only)		-																		
<u> </u>	Coordinate for Local Park Involvement/De-		 																		
	Coordinate for Local Park Involvement/De- Minimis Finding		<u> </u>																		
	Coordinate for Section 6(f)		 																		
	Coordinate for Federal Lands Involvement		-																		
	Prepare Categorical Exclusion (CE)		-																		
	Prepare Programmatic Categorical Exclusion		İ																		
	(PCE)																				
	Prepare Environmental Assessment (EA)		-																		
	Prepare Finding of No Significant Impact		<u> </u>																		
	(FONSI)		-																		
	Prepare EA/FONSI for Federal Lands																				
	Involvement																				
	Prepare Draft Environmental Impact- Statement (DEIS)																				
	Statement (DEIS) Prepare Final EIS/Record of Decision		-																		
-	Prepare Supplemental EIS		 																		
	Conduct Alternatives Analysis for-		 																		
	Programmatic Section 4(f) Evaluation		_																		
	Conduct Alternatives Analysis for Individual																				
	Section 4(f) Evaluation																				
	Prepare Programmatic 4(f) Evaluation		-																		
	Prepare Individual Section 4(f) Evaluation		-																		
	Prepare EJ Mitigation Plan		-																		

Proj. No.:

PI No.: **0019781**

Project: Austell Powder Springs Road @ Marietta Street County: Cobb Master Contract:

Prime: Croy Engineering Contract Type: Cost Plus Fixed Fee Contract Expiration: Date: 19-Jul-2024 Task Order No: v Select Firm from Pulldown, Uses List on Project Tab Fixed Fee %: 10% **Brockington** It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS Discipline: Environmental **Hour Summary by Discipline Hours & Cost Estimate** Prepare and Update Commitments Table
Prepare GEPA B Document Prepare GEPA EER Cultural Resources Assumptions Discipline Management Team Meetings Perform Phase II Archaeological-Testing/Report
Prepare ARPA Permit Prepare Memorandum of Agreement Contribution to Section 4f A3M- input into sharepoint and attend meeting(s) (Meeting(s)/Data Entry)
State-Funded Documentation Review and comment on PFPR plans Ecology Assumptions File Review & Deliverables Schedule Development/Coordination w/ GDOT Ecolog prepare, review and comment on minutes
Report - Assessment of Effects Report
Report - Combined ERS AOE Report Report - Memo or "Write-off" Memo Preparation of Special Provision 107.23 (G Air & Noise Assumptions Categories of Receptors) (Take a Minimum of 3 Validation Readings)
Obtain and Study Permit Information Complete Noise Model for Existing and Design Year No Build

Complete Validation Run (Utilize Traffic-Counted During Site Visit Validation Complete Noise Model for Design Year Build Study Mitigation Measures for Impacted Receptors, including Studying Noise Walls Analyze Any Feasible Noise Walls to ermine if they are Reasonable to Construc Complete Noise Public Involvement Survey/s Attend Noise Public Involvement Meeting/s Review STIP/TIP Information Calculate MOVES Emission Factors for Existing, Design Year Build and No-Build, Free Flow and Idle Run CAL3QHC Model for Existing, Design-Year Build and No-Build Complete PM 2.5 Agency Coordination Complete MSAT Qualitative Analysis
Complete MSAT Quantitative Analysis Air QAQC

Proj. No.:
PI No.: 0019781
Prime: Croy Engineering
Date: 19-Jul-2024

Master Contract:

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master
Contract Type: Cost Plus Fixed Fee Contract
Fixed Fee %: 10% Task Contract Expiration: Task Order No: v Select Firm from Pulldown, Uses List on Project Tab

Date	e: 19-Jul-2024	ses List on Proje	ect Tab	Fixed Fee %:	10%			Task Order No	:												
	Brockington					It is the Consulta	nt's responsibility to	ensure all													
Disciplina	Environmental			Houre & C	oct Ectimat	•		re accounted for in					Haur Cum	mary by Dice	ninlina						
Discipline	Environmental			Hours & C	ost Estimat	e		1		1	1	1	Hour Suill	mary by Disc	cipiine	1			1	1	
				Envir Analyst -	Envir Analyst -	Envir Analyst -	History -	History - Senior	History -	Archaeology -	Archaeology -	Archaeology -	Ecology -	Ecology - Senior	Ecology -	Air -	Air - Senior	'	Noise -	Noise - Senior	Noise -
			Total Hours				Manager/Lead	Specialist	Specialist				Manager/Lead		Specialist	Manager/Lead	Specialist	Air - Specialist	Manager/Lead	Specialist	Specialist
4	Preliminary Plans				·	·		·				·				Ü		<u> </u>		i i	
•	NEPA	A	_		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
	Prepare for, Participate in PFPR	Assumptions	_																		
	Respond to PFPR Comments		-	•									 								
	Ecology	Assumptions																			
	Lociogy	Assumptions																			
	PFPR - Attend, take notes and provide written																				
	comments on plans, green sheet and report		-																		
			-																		
																		'			
			T-4-111	Envir Analyst -	Envir Analyst -	Envir Analyst -	History -	History - Senior	History -	Archaeology -	Archaeology -	Archaeology -	Ecology -	Ecology - Senior	Ecology -	Air -	Air - Senior	Air Crasislist	Noise -	Noise - Senior	Noise -
	In the case of		Total Hours	Manager/Lead	Senior Specialist	Specialist	Manager/Lead	Specialist	Specialist	Manager/Lead	Senior Specialist	Specialist	Manager/Lead	Specialist	Specialist	Manager/Lead	Specialist	Air - Specialist	Manager/Lead	Specialist	Specialist
5	Right of Way Plans		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_ '	-	-	-
	NEPA	Assumptions	-																		
	Prepare Environmental Reevaluation for R/W																				
	Authorization		-																		
<u> </u>	Certify Project for ROW Authorization		-																		
-	Ecology	Assumptions	-																		
	Review and provide written comments on green sheet and plans																				
	угоон оноот ана ріано																				
				Envir Analyst -	Envir Analyst -	Envir Analyst -	History -	History - Senior	History -	Archaeology -	Archaeology -	Archaeology -	Ecology -	Ecology - Senior	Ecology -	Air -	Air - Senior	'	Noise -	Noise - Senior	Noise -
			Total Hours	Manager/Lead		Specialist	Manager/Lead	Specialist	Specialist		Senior Specialist	Specialist	Manager/Lead	Specialist	Specialist	Manager/Lead	Specialist	Air - Specialist	Manager/Lead	Specialist	Specialist
6	Final Plans				_	_	_	_		_	_	-	-	_	-	_	-		_	_	-
-	NEPA	Assumptions																			
	Perform Environmental Management and	Assumptions								 											
	Coordination		-																		
	Update T-PRO and P-6		-																		
	Attend Project Meetings		-																		
	Prepare for, Participate in FFPR		-	•																	
	Respond to FFPR Comments		-	•																	
	Prepare Environmental Reevaluation for Let		-	•																	
	Certify Project for Let		-	•																	
-	Cultural Resources	A	-																		
	Discipline Management	Assumptions																			
	Team Meetings		-																		
	Prepare Addendum to Historic Resources-																				
	Surveys/Report (fieldwork, report, QC)		-	-																	
	Prepare Addendum to Archaeological																				
	Resources Surveys/Report		-																		
	Prepare Addendum to Cultural Resources																				
	Assessment of Effects		-																		
-	Review and comment on FFPR plans		-																		
-	Ecology	Accumpti	-																		
1	Discipline Management - Coordination	Assumptions	_																		
1	5.55.piirio Managornone Oostaniaaon		-																		
	File Review & Deliverables Schedule																				
	Development/Coordination w/ GDOT Ecologist		-																		
	Prepare for and attend project meetings and																				
	prepare, review and comment on minutes		-	-																	
	Field Survey		-																		
	Report - Addendum		-	•																	
	Review and provide written comments on- green sheet and plans-																				
	Buffer Variance Application		-																		
	Buffer Variance Modification		-																		
 	Permit Application - Section 404 RP 35 or																				
	Individual Permit		-																		
	Permit Application - Section 404 General																				
	Permit (non-RP 35)		-																		
	Permit Application - Individual Permit																				
	Modification Letter		-																		
	Permit Application - Other		-																		
—	Regional Conditions Stream Survey		-																		
	FFPR - Attend, take notes and provide written																				
1	comments on plans, green sheet and report		_																		
	report																	4			

Proj. No.:

PI No.: 0019781

Project: Austell Powder Springs Road @ Marietta Street
County: Cobb Master Contract:

Envir Analyst -

Manager/Lead Senior Specialist Specialist

History -

Manager/Lead

History - Senior

History -

Archaeology -

Manager/Lead Senior Specialist

Archaeology -

Archaeology -

Ecology -

Manager/Lead

Ecology - Senior

Specialist

Ecology -

Specialist

Manager/Lead

Specialist

Prime: Croy Engineering Contract Type: Cost Plus Fixed Fee Contract Expiration: Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab Fixed Fee %: 10% Task Order No: **Brockington** It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS Discipline: Environmental **Hour Summary by Discipline Hours & Cost Estimate** Air & Noise Assumptions Prepare Addendum to Air Quality Assessment Prepare Addendum to Noise Assessment Prepare Vacant Parcel Reassessment Envir Analyst -Envir Analyst -Envir Analyst History -History - Senior Archaeology -Ecology -Ecology - Senior Ecology -Air -Air - Senior Noise - Senior Noise -History -Archaeology -Archaeology -Noise -Senior Specialis Manager/Lead Senior Specialist Specialist Manager/Lead Specialist Specialist Manager/Lead Specialist Manager/Lead Specialist Specialist Manager/Lead Specialist Manager/Lead Specialist Specialist **Construction Services** Assumptions Envir Analyst -Envir Analyst -Envir Analyst -History -History - Senior Archaeology -Archaeology -Ecology -Ecology - Senior Ecology -Noise -Noise - Senior Noise -History -Archaeology -Total Hours | Manager/Lead | Senior Specialist Specialist Manager/Lead Specialist Specialist Manager/Lead Senior Specialis Specialist Manager/Lead Specialist Specialist Manager/Lead Specialist Air - Specialist Manager/Lead Specialist Specialist Special Studies Assumptions Scope of Analysis Package Process & Report Collaboration CRD Package & Site Visit Protected Species Survey (Terrestrial) Bat Studies- Phase II: Mist-net and Acoustic cted Species Report (Short Form) Protected Species Report (Full Report) Protected Species Report - Aquatic Biological Assessment/Formal Section 7 Envir Analyst -Envir Analyst -Envir Analyst -History -History - Senior Archaeology -Archaeology -Ecology -Ecology - Senior Noise - Senior Noise -History -Archaeology -Ecology -Manager/Lead Senior Specialist Specialist Manager/Lead Specialist Senior Specialis Manager/Lead Manager/Lead Specialist Air - Specialist Specialist Public Involvement NEPA Assumptions Prepare Public Involvement Plan Prepare PIOH or PHOH Materials (ad, handout packet, etc.) Perform All Functions of Dry Run Coordinate PIOH or PHOH Location (if applicable)
Prepare for and Attend PIOH or PHOH Prepare PIOH or PHOH Synopsis Attend PIOH or PHOH Debrief Prepare and Mail PIOH or PHOH Response Comments Letter Organize and Conduct a Citizen's Advisory Plan, Prepare for, Conduct Charrette
Prepare, Distribute Meeting Flyers Prepare, Distribute Newslette Prepare Host Maintain Website Prepare, Provide Materials for GDOT Websit Prepare, Distribute News Releases Prepare, Publish Advertisements Air & Noise Assumptions Prepare for Lead Document Noise Public

Involvement Meeting/s

Noise - Senior

Specialist

Air - Specialist Manager/Lead

Proj. No.:

PI No.: **0019781**Prime: **Croy Engineering**

Project: Austell Powder Springs Road @ Marietta Street

County: Cobb

Master Contract: Contract Expiration:

Contract Type: Cost Plus Fixed Fee Fixed Fee %: 10%

Task Order No:

Date: 19-Jul-2024 v Select Firm from Pulldown, Uses List on Project Tab

Croy Engineering

Tixed Fee %: 10%

It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS Hours & Cost Estimate Discipline Survey **Total Other Total Labor Direct Labor Indirect Costs Total Cost Direct Costs** Fixed Fee @ FCCM@ **Total Hours** Cost (Overhead) @ Cost 187.02% Description Assumptions / Notes 10% 1.93% Phase

		TOTALS ==>	706	\$ 82,034.64	\$ -	\$ 7,412.38	\$ 74,622.26	\$ 25,825.32	\$ 48,298.51	\$ 498.43	
< <click b<="" th=""><th>UTTON TO LEFT SHOW OR HIDE PHASE SUMMARY</th><th></th><th></th><th>Staff Type / Proje</th><th>ect Hourly Rates</th><th>/ Hours</th><th></th><th></th><th></th><th></th><th></th></click>	UTTON TO LEFT SHOW OR HIDE PHASE SUMMARY			Staff Type / Proje	ect Hourly Rates	/ Hours					
			Total Hours	Registered Land Surveyor	Survey Field Manager	Survey Crew Chief	Survey Technician/ CADD	Instrument Man	Field Crew – Rodman	Rodman / Flagman	Project Coordinator
Phase	Description			\$67.31	\$44.42	\$32.76	\$38.46	\$31.67			\$30.00
	TOTALS ==>		706	36	70	212	160	212	-	-	16
1	Concept Development		-	-	-	-	-	-	-	-	-
2	Database Preparation		706	36	70	212	160	212	-	-	16
3	Environmental Document		-	-	-	-	-	-	-	-	-
4	Preliminary Plans		-	-	-	-	-	-	-	-	-
5	Right of Way Plans		-	-	-	-	-	-	-	-	-
6	Final Plans		-	-	-	-	-	-	-	-	-
7	Construction Services		-	-	-	-	-	-	-	-	-
8	Special Studies		-	-	-	-	-	-	-	-	-
9	Public Involvement		-	-	-	-	-	-	-	-	-

Phase Level Summary - Other Direct Costs

				Other Direct Cos	ts						
Dhaos	Description	Total O		Express/Mail /Courier	Lodging	Meals	Mileage	Reproduction /Printing	Equipment		
Phase	Description	Direct C	osts								
	TOTALS ==>	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1	Concept Development	\$	-								
2	Database Preparation	\$	-								
3	Environmental Document	\$	-								
4	Preliminary Plans	\$	-								
5	Right of Way Plans	\$	-								
6	Final Plans	\$	-								
7	Construction Services	\$	-								
8	Special Studies	\$	-								
9	Public Involvement	\$	-								

Proj. No.: Pl No.: **0019781** Prime: **Croy Engineering**Date: **19-Jul-2024**

v Select Firm from Pulldown, Uses List on Project Tab

County: Cobb Master Contract: Contract Type: Cost Plus Fixed Fee Fixed Fee %: 10% Contract Expiration:

Project: Austell Powder Springs Road @ Marietta Street

Task Order No:

Croy Engineering Discipline: Survey **Hours & Cost Estimate**

It is the Consultant's responsibility to ensure all hours and costs are accounted for in the TOTALS

Hours by Task

		Total Haura	Registered Land Surveyor		Survey Crew Chief	Technician/ CADD	Instrument Man	Field Crew –	Rodman /	Proj Coordi
		Total Hours	Surveyor	Manager	Cillei	CADD	Instrument Man	Rodman	Flagman	Coord
Concept Development	Assumptions / Notes	-	-	-	-	-	-	-	-	
Concept Photo Control Surveys		-								
Project Management		-								4
		-								4
		-			_					
		Total Hours	Registered Land Surveyor	Survey Field Manager	Survey Crew Chief	Technician/ CADD	Instrument Man	Field Crew – Rodman	Rodman / Flagman	Pro Coord
Database Preparation	Assumptions / Notes	706	36	70	212	160	212	rtournari	i lagillali	00010
Survey Control	Assumptions / Notes	700	36	70	212	100	212	-	-	
Existing Control Recon./Validation		28		Δ	10	4	10			
GPS Control Monuments & Surveys		24		4	10		10			+
TBM Digital Leveling		24		<u>-</u>	10		10			+
Prepanel Photo Control				<u>-</u>	10	4	10			4
Photo Control Surveys		-								
Conventional Control Surveys		24			10	4	10			
Compile Control Pack		20		16	10	4	10			
Complie Control Fack		- 20	4	16		-				
Property Database										
Tax Map & Deed Research		26		2		16				
Compile Property Owner Information		24				16				+
Prop.Corner Surveys & CADD/Validate		2-7				10				
Existing Prop.DB		56		_	20	16	20			
Validate Existing PSR		-			20	10	20			+
Compile Property Package		20	4	_		16				
Compile i reporty i denage		-	7			10				+
Topographic Surveys		-								
Mobile/Terrestrial Lidar Collection										
Lidar processing/Extraction										+
Roadway Profile Surveys & CADD		104			40	24	40			+
Surface Utility Surveys & CADD		104			40	24	40			+
Septic Collection					10	2.	10			
Septic Research										+
Supplemental Topo Surveys & CADD		80	4		30	16	30			
Railroad Surveys & CADD		-	7		30	10	30			
Storm Water Survey (structures)										
Channel Hydraulic Surveys & CADD		-								
Wetland Survey Location & CADD		-								
Bridge Survey & CADD		-								
Lake & Pond Surveys		-								
Survey Mobilization		20			10		10			
SUE QL-B		104		16	32		32			
Management & Coordination			Ü	10	32	10	52			
Meetings & Coordination		24	8	16						
Quality Control		24		16						
Project Management		-	Ü	10						
Maintenance of Traffic		_								

Proj. No.:

PI No.: 0019781
Prime: Croy Engineering
Date: 19-Jul-2024

Project: Austell Powder Springs Road @ Marietta Street

County: **Cobb** Master Contract:

Contract Type: Cost Plus Fixed Fee
Fixed Fee %: 10%

Contract Expiration: Task Order No:

Date:	19-Jul-2024	v Select Firm from Pulldown, Use	es List on Project	Tab	Fixed Fee %:	10%			Task Order No:		
	Croy Engineering							nt's responsibility to			
Discipline	Survey			Hours & Co	ost Estimate	•	hours and costs a	re accounted for in t	the TOTALS		
			-								
			-		0 5:11				E: 110		
			Total Haura	Registered Land Surveyor	Survey Field	Survey Crew Chief	Technician/ CADD	Instrument Man	Field Crew – Rodman	Rodman /	Project Coordinator
		Т	Total Hours	Surveyor	Manager	Chiei	CADD	instrument Man	Rouman	Flagman	Coordinator
	Environmental Document	Assumptions / Notes	-	-	-	-	-	-	-	-	-
	404 Permit Survey		-								
	Mobilization		-								
			-	Registered Land	Survey Field	Cum to t Cross	Technician/		Field Crew –	Rodman /	Project
			Total Hours	Surveyor	Manager	Survey Crew Chief	CADD	Instrument Man	Rodman	Flagman	Coordinator
4	Preliminary Plans	Assumptions / Notes	-	-	-	-	-	-	•	-	-
	Stake Centerline		-								
	Stake Bridge End Roll/Slope Paving										
	Mobilization Project Management		-								
	Project Management		-								
			-	Registered Land	Survey Field	Survey Crew	Technician/		Field Crew –	Rodman /	Project
			Total Hours	Surveyor	Manager	Chief	CADD	Instrument Man	Rodman	Flagman	Coordinator
5	Right of Way Plans	Assumptions / Notes	_	_	_	_	_	_	_	_	_
-	Stake R/W and Easements	, , , , , , , , , , , , , , , , , , , ,	-								
	Mobilization		-								
	Project Management		-								
			-								
			Total Hours	Registered Land Surveyor	Survey Field Manager	Survey Crew Chief	Technician/ CADD	Instrument Man	Field Crew – Rodman	Rodman / Flagman	Project Coordinator
6	Final Plans	Assumptions / Notes	_		-	-	-		-	-	-
	Partial R/W Staking		-								
	Update/Validate Existing Database		-								
	Mobilization		-								
	Project Management		-								
			-								
			-	Registered Land	Survey Field	Survey Crew	Technician/		Field Crew –	Rodman /	Project
			Total Hours	Surveyor	Manager	Chief	CADD	Instrument Man	Rodman	Flagman	Coordinator
7	Construction Services	Assumptions / Notes		,	9					J	
'	Construction Services	Assumptions / Notes	_	-	-	-	-	-	-	-	-
			-								
				Registered Land	Survey Field	Survey Crew	Technician/		Field Crew –	Rodman /	Project
			Total Hours	Surveyor	Manager	Chief	CADD	Instrument Man	Rodman	Flagman	Coordinator
8	Special Studies		_	_	_	_	_	_	_	_	_
			-								
			-								
			-								
			Total Hours	Registered Land Surveyor	Survey Field	Survey Crew Chief	Technician/ CADD	Instrument Man	Field Crew – Rodman	Rodman /	Project Coordinator
0	Public Involvement		TOTAL HOURS	Surveyor	Manager	Cillei	CADD	mstrument wan	Noullian	Flagman	Coordinator
9	I done involvement		-	-	-	-	-	-	-	-	-
			-								
				Registered Land	Survey Field	Survey Crew	Technician/		Field Crew –	Rodman /	Project
				Surveyor	Manager	Chief	CADD	Instrument Man	Rodman	Flagman	Coordinator