

EXHIBIT D
Mile 6 West (from Mile 9 to Mile 11)
120 WORKING DAYS TIME EXTENSION

ESTIMATE SUMMARY OF MAN-HOURS (TIME EXTENSION)
 Date 3/22/2022

TASK DESCRIPTIONS		Senior Construction Engineer	Construction Manager	Assistant Construction Mgr.	Construction Superintendent	Inspector	Project Controls	CADD Tech	Records/Document Control	Environmental Compliance	Project Admin/Clerk	Totals
Construction Administration												
1	Review project plans, specifications, general notes, general conditions, bid & contract documents, advanced funding agreement, and any other pertinent project document.											0
2	Prepare Construction Management Plan for services during construction.											0
3	Prepare/Coordinate & Conduct a Project Coordination Meeting with the County RPIC, TxDOT Project Manager, Design Engineer, and other Hidalgo Co. and TxDOT Project Staff.											0
4	Prepare/Coordinate & Conduct Pre-Construction Meeting with Contractor & all project stakeholders.											0
5	Coordinate w/ County RPIC and Develop/Issue a Notice to Proceed to the Contractor.											0
6	Coordination with Design Engineer, Hidalgo County RPIC, TxDOT PM, City of Weslaco, and Construction Contractor(s) throughout the duration of the project.	4	30	30					30			94
7	Review of Contractor's DBE and EEO programs for Compliance w/CUF requirements.	4	4	4					16			28
8	Continuous Monitoring of Construction Expenditures vs. Available Funds in the AFA.	4	4	4					4			16
9	Issue a Certificate of Substantial Completion as required.											0
10	Update/monitor As-Built Plans and provide Certification to the County RPIC and TxDOT that Project was Constructed as Designed & Compliance w/Release of the Retainage.											0
11	Coordinate with the County RPIC to issue certification that all work performed on the project met and/or exceeded the project specifications.											0
12	Review/Prepare Monthly Invoicing to County	4	4	4					8			20
Subtotal Labor Hours		16	42	42	0	0	0	0	58	0	0	
Construction Management & Inspection												
Construction Management (During Construction)												
1	Conduct Monthly Meeting with the County RPIC & Contractor throughout construction duration for adherence to the schedule.	4	12	16					16			48
2	Assist the RPIC with Implementation of the Adopted Quality Assurance Program (QAP).											0
3	Coordinate/attend field visits w/County RPIC, Design Engineer, TxDOT, FHWA representatives and/or with other project stakeholders throughout duration of the project.	4	16	32					32			84
4	Review/Coordinate Contractors' Progress Payment Estimate on a monthly basis.	4	16	32					32			84
5	Process contractor invoices (approval/modification/rejection) and submit recommendation for payment.	4	36	36					16			92
6	Process RFIs/RFPs and coordinate with Design Engineer as required by the contractor to change or modify any requirements of the plans or contract documents.	4	32	32					16			84
7	Conduct Construction Activity "Hold Points" (new tasks/scope of work) meetings and "Hands Down" (incident review) meetings as needed.	1	4	4					4			13
8	Coordinate with County RPIC, Design Engineer, TxDOT/FHWA Representatives, and City of Weslaco to participate in all project related stakeholder meetings, construction status meetings, and final Inspection.	4	24	32					32			92
9	Coordinate with the Design Engineer on change orders and obtain TxDOT approval.	4	16	32					8			60
10	Review/confirm TxDOT/FHWA Participation & Eligibility on change orders for cost and/or time.	1	4	4					4			13
Subtotal Hours		30	160	220	0	0	0	0	160	0	0	

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Construction Inspection												
1	On-site Inspection during construction activities, and as required after hours.			45		956						1001
2	Daily Reports (Raken) and daily documentation in project diaries.		15	45					45			105
3	Coordination with the public and adjacent property owners on construction inconveniences.		15	30					30			75
4	Inspect SW3P BMP's, as well as compliance with requirements of EPIC Sheets.	4	15	45					30			94
5	Verify Daily Pay sheets & Assure Compliance of Materials delivered to the job site meet specifications (Including Buy America Act).			8	30				30			68
6	Ensure Contractor maintains job safety measures & Implements OSHA requirements, including day/night inspection of traffic control devices and barricades.	4	30	45					30			109
7	Develop and oversee completion of a "project punch list" with the County RPIC & Contractor.											0
Subtotal Labor Hours		8	83	240	0	956	0	0	165	0	0	
Construction management (post construction)												
1	Prepare a final estimate for project close out & release of retainage											0
2	Prepare and provide all close out documents to County RPIC.											0
3	Coordinate Final Acceptance of project with County, TXDOT and FHWA.											0
Subtotal Labor Hours		0	0	0	0	0	0	0	0	0	0	
Miscellaneous Technical Activities												
1	Coordination Design Engineer for shop drawing and other submittals review as required.											0
2	Coordination w/County RPIC and Utility personnel (City of Weslaco, NAWSC, HCID, Et.Al.) on relocation of utilities in conflict.	4	60	60					60			184
3	Track utility relocations and plot final locations on the Final As-built Plans as required.											0
4	Monthly reporting/presentation to Hidalgo County Commissioner Pct. #1, City of Weslaco & HCMPO (as needed).	4	16	16					16			52
Subtotal Labor Hours		8	76	76	0	0	0	0	76	0	0	
TOTAL HOURS		62	361	578	0	956	0	0	459	0	0	2416
Loaded Hourly Rates		\$ 175.00	\$ 150.00	\$ 140.00	\$ 120.00	\$ 80.00	\$ 85.00	\$ 65.00	\$ 75.00	\$ 95.00	\$ 65.00	
Direct Labor		\$ 10,850.00	\$ 54,150.00	\$ 80,920.00	\$ -	\$ 76,480.00	\$ -	\$ -	\$ 34,425.00	\$ -	\$ -	\$ 256,825.00
TOTAL ESTIMATE		\$ 10,850.00	\$ 54,150.00	\$ 80,920.00	\$ -	\$ 76,480.00	\$ -	\$ -	\$ 34,425.00	\$ -	\$ -	\$ 256,825.00

Percentage of Time on the Project
Based on 120 Additional Working Days

6.46%	37.60%	60.21%	0.00%	99.58%	0.00%	0.00%	47.81%	0.00%	0.00%	0.00%	\$ 2,568.25
							Direct Expenses (Mileage, Printing, Copying and Misc. Direct Expenses)				\$ -
							Construction Material Testing				\$ -

CONTRACT AMOUNT **\$ 259,393.25**