WALLA WALLA COST ENGINEERING MANDATORY CENTER OF EXPERTISE

COST AGENCY TECHNICAL REVIEW

CERTIFICATION STATEMENT

For Project No. 477554

MVN – St. Tammany Parish, Louisiana
Feasibility Study

The St Tammany Parish, Louisiana Feasibility Study, as presented by New Orleans District, has undergone a successful Cost Agency Technical Review (Cost ATR), performed by the Walla Walla District Cost Engineering Mandatory Center of Expertise (Cost MCX) team. The Cost ATR included study of the project scope, report, cost estimates, schedules, escalation, and risk-based contingencies. This certification signifies the products meet the quality standards as prescribed in ER 1110-2-1150 Engineering and Design for Civil Works Projects and ER 1110-2-1302 Civil Works Cost Engineering.

As of December 19, 2023, the Cost MCX certifies the estimated total project cost:

FY24 Project First Cost: $5,894,229,000
Fully Funded Amount: $7,564,774,000

Cost Certification assumes Efficient Implementation (Funding). It remains the responsibility of the District to correctly reflect these cost values within the Final Report and to implement effective project management controls and implementation procedures including risk management through the period of Federal Participation.

FOR: Michael P. Jacobs, PE, CCE
Chief, Cost Engineering MCX
Walla Walla District

****** TOTAL PROJECT COST SUMMARY ******

PROJECT: **St. Tammany Parish Feasibility Study**
PROJECT NO: P2 477554
LOCATION: Slidell, LA

DISTRICT: MVN **PREPARED: 11/9/2023**
POC: CHIEF, COST ENGINEERING, Robert Guichet

This Estimate reflects the scope and schedule in report; St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)			
						Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23									
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	**TOTAL ($K)**	Spent Thru: **1-Oct-23** ($K)	**TOTAL FIRST COST** ($K)	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*		*K*	*L*	*M*	*N*	*O*
02	RELOCATIONS	$21,299	$10,863	51.0%	$32,162	0.0%	$21,299	$10,863	$32,162	$0	$32,162	34.7%	$28,683	$14,628	$43,311
06	FISH & WILDLIFE FACILITIES	$45,108	$23,005	51.0%	$68,114	0.0%	$45,108	$23,005	$68,114	$0	$68,114	11.7%	$50,365	$25,686	$76,051
06	FISH & WILDLIFE FACILITIES	$12,312	$6,279	51.0%	$18,591	0.0%	$12,312	$6,279	$18,591	$0	$18,591	80.9%	$22,277	$11,361	$33,638
11	LEVEES & FLOODWALLS	$142,687	$72,770	51.0%	$215,457	0.0%	$142,687	$72,770	$215,457	$0	$215,457	20.3%	$171,608	$87,520	$259,128
11	LEVEES & FLOODWALLS	$49,572	$25,282	51.0%	$74,853	0.0%	$49,572	$25,282	$74,853	$0	$74,853	33.1%	$65,969	$33,644	$99,613
11	LEVEES & FLOODWALLS	$54,980	$28,040	51.0%	$83,020	0.0%	$54,980	$28,040	$83,020	$0	$83,020	62.4%	$89,271	$45,528	$134,799
11	LEVEES & FLOODWALLS	$47,106	$24,024	51.0%	$71,131	0.0%	$47,106	$24,024	$71,131	$0	$71,131	131.0%	$108,798	$55,487	$164,284
11	LEVEES & FLOODWALLS	$33,863	$17,270	51.0%	$51,132	0.0%	$33,863	$17,270	$51,132	$0	$51,132	281.2%	$129,099	$65,840	$194,939
11	LEVEES & FLOODWALLS	$284,115	$144,899	51.0%	$429,013	0.0%	$284,115	$144,899	$429,013	$0	$429,013	17.6%	$334,245	$170,465	$504,710
11	LEVEES & FLOODWALLS	$41,989	$21,415	51.0%	$63,404	0.0%	$41,989	$21,415	$63,404	$0	$63,404	34.5%	$56,490	$28,810	$85,300
13	PUMPING PLANT	$604,016	$308,048	51.0%	$912,064	0.0%	$604,016	$308,048	$912,064	$0	$912,064	17.0%	$706,699	$360,417	$1,067,116
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$87,227	$44,486	51.0%	$131,713	0.0%	$87,227	$44,486	$131,713	$0	$131,713	15.3%	$100,576	$51,294	$151,869
08	ROADS, RAILROADS & BRIDGES	$0	$0	-	$0	-	$0	$0	$0	$0	$0	-	$0	$0	$0
09	CHANNELS & CANALS	$0	$0	-	$0	-	$0	$0	$0	$0	$0	-	$0	$0	$0
19	BUILDINGS, GROUNDS & UTILITIES	$1,605,522	$690,374	43.0%	$2,295,896		$1,605,522	$690,374	$2,295,896		$2,295,896	22.9%	$1,973,496	$848,603	$2,822,099
18	CULTURAL RESOURCE PRESERVATION	$13,523	$5,815	43.0%	$19,338		$13,523	$5,815	$19,338		$19,338	22.9%	$16,623	$7,148	$23,770
	CONSTRUCTION ESTIMATE TOTALS:	$3,043,319	$1,422,569	47%	$4,465,888	0.0%	$3,043,319	$1,422,569	$4,465,888	$0	$4,465,888	26.8%	$3,854,198	$1,806,431	$5,660,629
01	LANDS AND DAMAGES	$193,226	$48,307	25.0%	$241,533	0.0%	$193,226	$48,307	$241,533	$0	$241,533	20.3%	$232,434	$58,108	$290,542
30	PLANNING, ENGINEERING & DESIGN	$518,642	$246,374	47.5%	$765,017	0.0%	$518,642	$246,374	$765,017	$0	$765,017	33.8%	$693,225	$330,326	$1,023,551
31	CONSTRUCTION MANAGEMENT	$286,194	$135,597	47.4%	$421,791	0.0%	$286,194	$135,597	$421,791	$0	$421,791	39.9%	$399,548	$190,502	$590,051
	PROJECT COST TOTALS:	$4,041,382	$1,852,847	45.8%	$5,894,229		$4,041,382	$1,852,847	**$5,894,229**	$0	**$5,894,229**	28.3%	$5,179,405	$2,385,368	$7,564,774

ESTIMATED TOTAL PROJECT COST: $7,564,774

GUICHET.ROBERT.LEE.JR.1230840470 — Digitally signed by GUICHET.ROBERT.LEE.JR.1230840470 Date: 2024.02.01 13:53:27 -06'00'
CHIEF, COST ENGINEERING, Robert Guichet

DIXON.AMY.ASKEGREN.1572555557 — Digitally signed by DIXON.AMY.ASKEGREN.1572555557 Date: 2024.02.01 14:38:20 -06'00'
PROJECT MANAGER, Amy Dixon

KLOCK.TODD.MICHAEL.1266412467 — Digitally signed by KLOCK.TODD.MICHAEL.1266412467 Date: 2024.02.02 08:32:18 -06'00'
CHIEF, REAL ESTATE, Judith Gutierrez

CONSTANCE.TROY.GERARD.1230833415 — Digitally signed by CONSTANCE.TROY.GERARD.1230833415 Date: 2024.02.09 15:15:42 -06'00'
CHIEF, PLANNING, Troy Constance

Digitally signed by DUNN.CHRISTOPHER.LESLIE.1244566185 Date: 2024.02.20 10:29:18 -06'00'
CHIEF, ENGINEERING, Christopher Dunn

CHIEF, OPERATIONS, Michael Park

WAITS.STUART.SHANE.1120942170 — Digitally signed by WAITS.STUART.SHANE.1120942170 Date: 2024.02.14 11:39:58 -06'00'
CHIEF, CONSTRUCTION, Stuart Waits

CHIEF, CONTRACTING,Cynthia Hall

CHIEF, PM-PB, Brad Inman

CHIEF, DPM, Mark Wingate

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
				RISK BASEI										
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Western Extension													
02	RELOCATIONS	$1,690	$862	51.0%	$2,551	0.0%	$1,690	$862	$2,551	2074Q2	263.6%	$6,144	$3,133	$9,277
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$2,851	$1,454	51.0%	$4,305	0.0%	$2,851	$1,454	$4,305	2076Q1	280.3%	$10,842	$5,529	$16,371
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$10,283	$5,244	51.0%	$15,527	0.0%	$10,283	$5,244	$15,527	2076Q1	280.3%	$39,103	$19,942	$59,045
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$2,099	$1,070	51.0%	$3,169	0.0%	$2,099	$1,070	$3,169	2075Q2	273.1%	$7,830	$3,993	$11,824
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$16,922.0304	$8,630	51.0%	**$25,552**		$16,922	$8,630	$25,552			$63,919	$32,599	$96,517
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$254	$129	51.0%	$383	0.0%	$254	$129	$383	2073Q1	434.7%	$1,357	$692	$2,049
1.0%	Planning & Environmental Compliance	$169	$86	51.0%	$256	0.0%	$169	$86	$256	2073Q1	434.7%	$905	$461	$1,366
12.0%	Engineering & Design	$2,031	$1,036	51.0%	$3,066	0.0%	$2,031	$1,036	$3,066	2073Q1	434.7%	$10,857	$5,537	$16,395
1.0%	Reviews, ATRs, IEPRs, VE	$169	$86	51.0%	$256	0.0%	$169	$86	$256	2073Q1	434.7%	$905	$461	$1,366
0.5%	Life Cycle Updates (cost, schedule, risks)	$85	$43	51.0%	$128	0.0%	$85	$43	$128	2073Q1	434.7%	$452	$231	$683
0.5%	Contracting & Reprographics	$85	$43	51.0%	$128	0.0%	$85	$43	$128	2073Q1	434.7%	$452	$231	$683
2.0%	Engineering During Construction	$338	$173	51.0%	$511	0.0%	$338	$173	$511	2076Q1	482.6%	$1,972	$1,006	$2,977
1.0%	Planning During Construction	$169	$86	51.0%	$256	0.0%	$169	$86	$256	2076Q1	482.6%	$986	$503	$1,489
0.5%	Adaptive Management & Monitoring	$85	$43	51.0%	$128	0.0%	$85	$43	$128	2082Q1	591.6%	$585	$298	$884
0.5%	Project Operations	$85	$43	51.0%	$128	0.0%	$85	$43	$128	2073Q1	434.7%	$452	$231	$683
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$1,692	$863	51.0%	$2,555	0.0%	$1,692	$863	$2,555	2076Q1	482.6%	$9,858	$5,028	$14,886
0.5%	Project Operation:	$85	$43	51.0%	$128	0.0%	$85	$43	$128	2076Q1	482.6%	$493	$251	$744
0.5%	Project Management	$85	$43	51.0%	$128	0.0%	$85	$43	$128	2076Q1	482.6%	$493	$251	$744
	CONTRACT COST TOTALS:	$22,252	$11,349		$33,601		$22,252	$11,349	**$33,601**			$93,686	$47,780	**$141,466**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	West Terminus to Bayou Paquet													
02	RELOCATIONS	$1,195	$610	51.0%	$1,805	0.0%	$1,195	$610	$1,805	2029Q1	13.8%	$1,360	$694	$2,054
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$2,485	$1,268	51.0%	$3,753	0.0%	$2,485	$1,268	$3,753	2030Q2	17.5%	$2,921	$1,490	$4,411
11	LEVEES & FLOODWALLS	$15,337	$7,822	51.0%	$23,159	0.0%	$15,337	$7,822	$23,159	2030Q1	16.8%	$17,909	$9,134	$27,043
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$6,759	$3,447	51.0%	$10,206	0.0%	$6,759	$3,447	$10,206	2029Q2	14.6%	$7,743	$3,949	$11,692
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$25,777	$13,146	51.0%	**$38,923**		$25,777	$13,146	$38,923			$29,933	$15,266	$45,200
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$387	$197	51.0%	$584	0.0%	$387	$197	$584	2027Q1	10.1%	$426	$217	$643
1.0%	Planning & Environmental Compliance	$258	$131	51.0%	$389	0.0%	$258	$131	$389	2027Q1	10.1%	$284	$145	$429
12.0%	Engineering & Design	$3,093	$1,578	51.0%	$4,671	0.0%	$3,093	$1,578	$4,671	2027Q1	10.1%	$3,406	$1,737	$5,143
1.0%	Reviews, ATRs, IEPRs, VE	$258	$131	51.0%	$389	0.0%	$258	$131	$389	2027Q1	10.1%	$284	$145	$429
0.5%	Life Cycle Updates (cost, schedule, risks)	$129	$66	51.0%	$195	0.0%	$129	$66	$195	2027Q1	10.1%	$142	$72	$214
0.5%	Contracting & Reprographics	$129	$66	51.0%	$195	0.0%	$129	$66	$195	2027Q1	10.1%	$142	$72	$214
2.0%	Engineering During Construction	$516	$263	51.0%	$778	0.0%	$516	$263	$778	2030Q2	21.5%	$626	$319	$946
1.0%	Planning During Construction	$258	$131	51.0%	$389	0.0%	$258	$131	$389	2030Q2	21.5%	$313	$160	$473
0.5%	Adaptive Management & Monitoring	$129	$66	51.0%	$195	0.0%	$129	$66	$195	2036Q1	83.5%	$236	$121	$357
0.5%	Project Operations	$129	$66	51.0%	$195	0.0%	$129	$66	$195	2027Q1	10.1%	$142	$72	$214
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$2,578	$1,315	51.0%	$3,892	0.0%	$2,578	$1,315	$3,892	2030Q2	21.5%	$3,131	$1,597	$4,728
0.5%	Project Operation:	$129	$66	51.0%	$195	0.0%	$129	$66	$195	2030Q2	21.5%	$157	$80	$236
0.5%	Project Management	$129	$66	51.0%	$195	0.0%	$129	$66	$195	2030Q2	21.5%	$157	$80	$236
	CONTRACT COST TOTALS:	$33,897	$17,287		$51,184		$33,897	$17,287	**$51,184**			$39,378	$20,083	**$59,461**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	West Terminus to Bayou Paquet-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$6,941	$3,540	51.0%	$10,481	0.0%	$6,941	$3,540	$10,481	2033Q1	26.1%	$8,753	$4,464	$13,218
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$6,941	$3,540	51.0%	**$10,481**		$6,941	$3,540	$10,481			$8,753	$4,464	$13,218
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$104	$53	51.0%	$157	0.0%	$104	$53	$157	2031Q2	25.2%	$130	$66	$197
1.0%	Planning & Environmental Compliance	$69	$35	51.0%	$105	0.0%	$69	$35	$105	2031Q2	25.2%	$87	$44	$131
12.0%	Engineering & Design	$833	$425	51.0%	$1,258	0.0%	$833	$425	$1,258	2031Q2	25.2%	$1,043	$532	$1,575
1.0%	Reviews, ATRs, IEPRs, VE	$69	$35	51.0%	$105	0.0%	$69	$35	$105	2031Q2	25.2%	$87	$44	$131
0.5%	Life Cycle Updates (cost, schedule, risks)	$35	$18	51.0%	$52	0.0%	$35	$18	$52	2031Q2	25.2%	$43	$22	$66
0.5%	Contracting & Reprographics	$35	$18	51.0%	$52	0.0%	$35	$18	$52	2031Q2	25.2%	$43	$22	$66
2.0%	Engineering During Construction	$139	$71	51.0%	$210	0.0%	$139	$71	$210	2033Q1	32.0%	$183	$93	$277
1.0%	Planning During Construction	$69	$35	51.0%	$105	0.0%	$69	$35	$105	2033Q1	32.0%	$92	$47	$138
0.5%	Adaptive Management & Monitoring	$35	$18	51.0%	$52	0.0%	$35	$18	$52	2039Q1	101.0%	$70	$36	$105
0.5%	Project Operations	$35	$18	51.0%	$52	0.0%	$35	$18	$52	2031Q2	25.2%	$43	$22	$66
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$694	$354	51.0%	$1,048	0.0%	$694	$354	$1,048	2033Q1	32.0%	$916	$467	$1,383
0.5%	Project Operation:	$35	$18	51.0%	$52	0.0%	$35	$18	$52	2033Q1	32.0%	$46	$23	$69
0.5%	Project Management	$35	$18	51.0%	$52	0.0%	$35	$18	$52	2033Q1	32.0%	$46	$23	$69
	CONTRACT COST TOTALS:	$9,127	$4,655		$13,782		$9,127	$4,655	**$13,782**			$11,583	$5,907	**$17,491**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	West Terminus to Bayou Paquet-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$7,640	$3,897	51.0%	$11,537	0.0%	$7,640	$3,897	$11,537	2038Q1	43.4%	$10,955	$5,587	$16,542
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$7,640	$3,897	51.0%	**$11,537**		$7,640	$3,897	$11,537			$10,955	$5,587	$16,542
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$115	$58	51.0%	$173	0.0%	$115	$58	$173	2036Q1	83.5%	$210	$107	$317
1.0%	Planning & Environmental Compliance	$76	$39	51.0%	$115	0.0%	$76	$39	$115	2036Q1	83.5%	$140	$71	$212
12.0%	Engineering & Design	$917	$468	51.0%	$1,384	0.0%	$917	$468	$1,384	2036Q1	83.5%	$1,682	$858	$2,540
1.0%	Reviews, ATRs, IEPRs, VE	$76	$39	51.0%	$115	0.0%	$76	$39	$115	2036Q1	83.5%	$140	$71	$212
0.5%	Life Cycle Updates (cost, schedule, risks)	$38	$19	51.0%	$58	0.0%	$38	$19	$58	2036Q1	83.5%	$70	$36	$106
0.5%	Contracting & Reprographics	$38	$19	51.0%	$58	0.0%	$38	$19	$58	2036Q1	83.5%	$70	$36	$106
2.0%	Engineering During Construction	$153	$78	51.0%	$231	0.0%	$153	$78	$231	2038Q1	95.0%	$298	$152	$450
1.0%	Planning During Construction	$76	$39	51.0%	$115	0.0%	$76	$39	$115	2038Q1	95.0%	$149	$76	$225
0.5%	Adaptive Management & Monitoring	$38	$19	51.0%	$58	0.0%	$38	$19	$58	2044Q1	133.4%	$89	$45	$135
0.5%	Project Operations	$38	$19	51.0%	$58	0.0%	$38	$19	$58	2036Q1	83.5%	$70	$36	$106
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$764	$390	51.0%	$1,154	0.0%	$764	$390	$1,154	2038Q1	95.0%	$1,490	$760	$2,249
0.5%	Project Operation:	$38	$19	51.0%	$58	0.0%	$38	$19	$58	2038Q1	95.0%	$74	$38	$112
0.5%	Project Management	$38	$19	51.0%	$58	0.0%	$38	$19	$58	2038Q1	95.0%	$74	$38	$112
	CONTRACT COST TOTALS:	$10,047	$5,124		$15,171		$10,047	$5,124	**$15,171**			$15,513	$7,911	**$23,424**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	West Terminus to Bayou Paquet-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,619	$2,866	51.0%	$8,484	0.0%	$5,619	$2,866	$8,484	2051Q2	101.5%	$11,322	$5,774	$17,095
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,619	$2,866	51.0%	**$8,484**		$5,619	$2,866	$8,484			$11,322	$5,774	$17,095
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$84	$43	51.0%	$127	0.0%	$84	$43	$127	2050Q1	177.0%	$233	$119	$353
1.0%	Planning & Environmental Compliance	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2050Q1	177.0%	$156	$79	$235
12.0%	Engineering & Design	$674	$344	51.0%	$1,018	0.0%	$674	$344	$1,018	2050Q1	177.0%	$1,868	$953	$2,821
1.0%	Reviews, ATRs, IEPRs, VE	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2050Q1	177.0%	$156	$79	$235
0.5%	Life Cycle Updates (cost, schedule, risks)	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2050Q1	177.0%	$78	$40	$118
0.5%	Contracting & Reprographics	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2050Q1	177.0%	$78	$40	$118
2.0%	Engineering During Construction	$112	$57	51.0%	$170	0.0%	$112	$57	$170	2051Q2	187.1%	$323	$165	$487
1.0%	Planning During Construction	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2051Q2	187.1%	$161	$82	$244
0.5%	Adaptive Management & Monitoring	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2057Q1	238.4%	$95	$48	$144
0.5%	Project Operations	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2050Q1	177.0%	$78	$40	$118
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$562	$287	51.0%	$848	0.0%	$562	$287	$848	2051Q2	187.1%	$1,613	$823	$2,436
0.5%	Project Operation:	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2051Q2	187.1%	$81	$41	$122
0.5%	Project Management	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2051Q2	187.1%	$81	$41	$122
	CONTRACT COST TOTALS:	$7,389	$3,768		$11,157		$7,389	$3,768	**$11,157**			$16,321	$8,324	**$24,645**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	West Terminus to Bayou Paquet-4th Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,132	$2,617	51.0%	$7,750	0.0%	$5,132	$2,617	$7,750	2076Q2	282.8%	$19,645	$10,019	$29,664
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,132	$2,617	51.0%	**$7,750**		$5,132	$2,617	$7,750			$19,645	$10,019	$29,664
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$77	$39	51.0%	$116	0.0%	$77	$39	$116	2075Q1	466.1%	$436	$222	$658
1.0%	Planning & Environmental Compliance	$51	$26	51.0%	$77	0.0%	$51	$26	$77	2075Q1	466.1%	$291	$148	$439
12.0%	Engineering & Design	$616	$314	51.0%	$930	0.0%	$616	$314	$930	2075Q1	466.1%	$3,487	$1,778	$5,265
1.0%	Reviews, ATRs, IEPRs, VE	$51	$26	51.0%	$77	0.0%	$51	$26	$77	2075Q1	466.1%	$291	$148	$439
0.5%	Life Cycle Updates (cost, schedule, risks)	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2075Q1	466.1%	$145	$74	$219
0.5%	Contracting & Reprographics	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2075Q1	466.1%	$145	$74	$219
2.0%	Engineering During Construction	$103	$52	51.0%	$155	0.0%	$103	$52	$155	2076Q2	486.7%	$602	$307	$909
1.0%	Planning During Construction	$51	$26	51.0%	$77	0.0%	$51	$26	$77	2076Q2	486.7%	$301	$154	$455
0.5%	Adaptive Management & Monitoring	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2082Q1	591.6%	$177	$91	$268
0.5%	Project Operations	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2075Q1	466.1%	$145	$74	$219
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$513	$262	51.0%	$775	0.0%	$513	$262	$775	2076Q2	486.7%	$3,011	$1,536	$4,547
0.5%	Project Operation:	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2076Q2	486.7%	$151	$77	$227
0.5%	Project Management	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2076Q2	486.7%	$151	$77	$227
	CONTRACT COST TOTALS:	$6,749	$3,442		$10,191		$6,749	$3,442	**$10,191**			$28,977	$14,778	**$43,756**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			**7-Nov-23**	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Paquet to Bayou Liberty													
02	RELOCATIONS	$235	$120	51.0%	$355	0.0%	$235	$120	$355	2031Q1	19.8%	$282	$144	$425
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$12,590	$6,421	51.0%	$19,011	0.0%	$12,590	$6,421	$19,011	2031Q1	19.8%	$15,083	$7,692	$22,776
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$41,803	$21,320	51.0%	$63,123	0.0%	$41,803	$21,320	$63,123	2031Q2	20.6%	$50,411	$25,710	$76,120
11	LEVEES & FLOODWALLS	$4,637	$2,365	51.0%	$7,002	0.0%	$4,637	$2,365	$7,002	2031Q2	20.6%	$5,592	$2,852	$8,444
13	PUMPING PLANT	$103,346	$52,706	51.0%	$156,052	0.0%	$103,346	$52,706	$156,052	2031Q2	20.6%	$124,625	$63,559	$188,184
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$162,611	$82,932	51.0%	**$245,543**		$162,611	$82,932	$245,543			$195,993	$99,957	$295,950
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$2,439	$1,244	51.0%	$3,683	0.0%	$2,439	$1,244	$3,683	2027Q1	10.1%	$2,686	$1,370	$4,055
1.0%	Planning & Environmental Compliance	$1,626	$829	51.0%	$2,455	0.0%	$1,626	$829	$2,455	2027Q1	10.1%	$1,790	$913	$2,704
12.0%	Engineering & Design	$19,513	$9,952	51.0%	$29,465	0.0%	$19,513	$9,952	$29,465	2027Q1	10.1%	$21,485	$10,957	$32,442
1.0%	Reviews, ATRs, IEPRs, VE	$1,626	$829	51.0%	$2,455	0.0%	$1,626	$829	$2,455	2027Q1	10.1%	$1,790	$913	$2,704
0.5%	Life Cycle Updates (cost, schedule, risks)	$813	$415	51.0%	$1,228	0.0%	$813	$415	$1,228	2027Q1	10.1%	$895	$457	$1,352
0.5%	Contracting & Reprographics	$813	$415	51.0%	$1,228	0.0%	$813	$415	$1,228	2027Q1	10.1%	$895	$457	$1,352
2.0%	Engineering During Construction	$3,252	$1,659	51.0%	$4,911	0.0%	$3,252	$1,659	$4,911	2031Q2	25.2%	$4,073	$2,077	$6,150
1.0%	Planning During Construction	$1,626	$829	51.0%	$2,455	0.0%	$1,626	$829	$2,455	2031Q2	25.2%	$2,036	$1,039	$3,075
0.5%	Adaptive Management & Monitoring	$813	$415	51.0%	$1,228	0.0%	$813	$415	$1,228	2038Q1	95.0%	$1,585	$808	$2,394
0.5%	Project Operations	$813	$415	51.0%	$1,228	0.0%	$813	$415	$1,228	2027Q1	10.1%	$895	$457	$1,352
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$16,261	$8,293	51.0%	$24,554	0.0%	$16,261	$8,293	$24,554	2031Q2	25.2%	$20,363	$10,385	$30,748
0.5%	Project Operation:	$813	$415	51.0%	$1,228	0.0%	$813	$415	$1,228	2031Q2	25.2%	$1,018	$519	$1,537
0.5%	Project Management	$813	$415	51.0%	$1,228	0.0%	$813	$415	$1,228	2031Q2	25.2%	$1,018	$519	$1,537
	CONTRACT COST TOTALS:	$213,834	$109,055		**$322,889**		$213,834	$109,055	**$322,889**			$256,523	$130,827	**$387,350**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Paquet to Bayou Liberty-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$4,895	$2,497	51.0%	$7,392	0.0%	$4,895	$2,497	$7,392	2033Q2	26.9%	$6,214	$3,169	$9,384
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$4,895	$2,497	51.0%	**$7,392**		$4,895	$2,497	$7,392			$6,214	$3,169	$9,384
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$73	$37	51.0%	$111	0.0%	$73	$37	$111	2032Q1	28.0%	$94	$48	$142
1.0%	Planning & Environmental Compliance	$49	$25	51.0%	$74	0.0%	$49	$25	$74	2032Q1	28.0%	$63	$32	$95
12.0%	Engineering & Design	$587	$300	51.0%	$887	0.0%	$587	$300	$887	2032Q1	28.0%	$752	$384	$1,136
1.0%	Reviews, ATRs, IEPRs, VE	$49	$25	51.0%	$74	0.0%	$49	$25	$74	2032Q1	28.0%	$63	$32	$95
0.5%	Life Cycle Updates (cost, schedule, risks)	$24	$12	51.0%	$37	0.0%	$24	$12	$37	2032Q1	28.0%	$31	$16	$47
0.5%	Contracting & Reprographics	$24	$12	51.0%	$37	0.0%	$24	$12	$37	2032Q1	28.0%	$31	$16	$47
2.0%	Engineering During Construction	$98	$50	51.0%	$148	0.0%	$98	$50	$148	2033Q2	33.0%	$130	$66	$197
1.0%	Planning During Construction	$49	$25	51.0%	$74	0.0%	$49	$25	$74	2033Q2	33.0%	$65	$33	$98
0.5%	Adaptive Management & Monitoring	$24	$12	51.0%	$37	0.0%	$24	$12	$37	2039Q1	101.0%	$49	$25	$74
0.5%	Project Operations	$24	$12	51.0%	$37	0.0%	$24	$12	$37	2032Q1	28.0%	$31	$16	$47
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$490	$250	51.0%	$739	0.0%	$490	$250	$739	2033Q2	33.0%	$651	$332	$983
0.5%	Project Operation:	$24	$12	51.0%	$37	0.0%	$24	$12	$37	2033Q2	33.0%	$33	$17	$49
0.5%	Project Management	$24	$12	51.0%	$37	0.0%	$24	$12	$37	2033Q2	33.0%	$33	$17	$49
	CONTRACT COST TOTALS:	$6,437	$3,283		$9,721		$6,437	$3,283	**$9,721**			$8,241	$4,203	**$12,443**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Paquet to Bayou Liberty-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,611	$2,862	51.0%	$8,473	0.0%	$5,611	$2,862	$8,473	2038Q2	44.3%	$8,098	$4,130	$12,229
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,611	$2,862	51.0%	**$8,473**		$5,611	$2,862	$8,473			$8,098	$4,130	$12,229
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$84	$43	51.0%	$127	0.0%	$84	$43	$127	2037Q1	89.1%	$159	$81	$240
1.0%	Planning & Environmental Compliance	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2037Q1	89.1%	$106	$54	$160
12.0%	Engineering & Design	$673	$343	51.0%	$1,017	0.0%	$673	$343	$1,017	2037Q1	89.1%	$1,273	$649	$1,923
1.0%	Reviews, ATRs, IEPRs, VE	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2037Q1	89.1%	$106	$54	$160
0.5%	Life Cycle Updates (cost, schedule, risks)	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2037Q1	89.1%	$53	$27	$80
0.5%	Contracting & Reprographics	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2037Q1	89.1%	$53	$27	$80
2.0%	Engineering During Construction	$112	$57	51.0%	$169	0.0%	$112	$57	$169	2038Q2	96.4%	$220	$112	$333
1.0%	Planning During Construction	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2038Q2	96.4%	$110	$56	$166
0.5%	Adaptive Management & Monitoring	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2044Q1	133.4%	$65	$33	$99
0.5%	Project Operations	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2037Q1	89.1%	$53	$27	$80
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$561	$286	51.0%	$847	0.0%	$561	$286	$847	2038Q2	96.4%	$1,102	$562	$1,664
0.5%	Project Operation:	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2038Q2	96.4%	$55	$28	$83
0.5%	Project Management	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2038Q2	96.4%	$55	$28	$83
	CONTRACT COST TOTALS:	$7,379	$3,763		$11,142		$7,379	$3,763	**$11,142**			$11,511	$5,871	**$17,382**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Paquet to Bayou Liberty-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$4,591	$2,341	51.0%	$6,932	0.0%	$4,591	$2,341	$6,932	2051Q2	101.5%	$9,250	$4,718	$13,968
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$4,591	$2,341	51.0%	**$6,932**		$4,591	$2,341	$6,932			$9,250	$4,718	$13,968
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$69	$35	51.0%	$104	0.0%	$69	$35	$104	2050Q1	177.0%	$191	$97	$288
1.0%	Planning & Environmental Compliance	$46	$23	51.0%	$69	0.0%	$46	$23	$69	2050Q1	177.0%	$127	$65	$192
12.0%	Engineering & Design	$551	$281	51.0%	$832	0.0%	$551	$281	$832	2050Q1	177.0%	$1,526	$778	$2,304
1.0%	Reviews, ATRs, IEPRs, VE	$46	$23	51.0%	$69	0.0%	$46	$23	$69	2050Q1	177.0%	$127	$65	$192
0.5%	Life Cycle Updates (cost, schedule, risks)	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2050Q1	177.0%	$64	$32	$96
0.5%	Contracting & Reprographics	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2050Q1	177.0%	$64	$32	$96
2.0%	Engineering During Construction	$92	$47	51.0%	$139	0.0%	$92	$47	$139	2051Q2	187.1%	$264	$134	$398
1.0%	Planning During Construction	$46	$23	51.0%	$69	0.0%	$46	$23	$69	2051Q2	187.1%	$132	$67	$199
0.5%	Adaptive Management & Monitoring	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2057Q1	238.4%	$78	$40	$117
0.5%	Project Operations	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2050Q1	177.0%	$64	$32	$96
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$459	$234	51.0%	$693	0.0%	$459	$234	$693	2051Q2	187.1%	$1,318	$672	$1,990
0.5%	Project Operation:	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2051Q2	187.1%	$66	$34	$100
0.5%	Project Management	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2051Q2	187.1%	$66	$34	$100
	CONTRACT COST TOTALS:	$6,037	$3,079		$9,116		$6,037	$3,079	**$9,116**			$13,335	$6,801	**$20,136**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Paquet to Bayou Liberty-4th Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$3,743	$1,909	51.0%	$5,653	0.0%	$3,743	$1,909	$5,653	2076Q2	282.8%	$14,329	$7,308	$21,637
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$3,743	$1,909	51.0%	**$5,653**		$3,743	$1,909	$5,653			$14,329	$7,308	$21,637
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2075Q1	466.1%	$318	$162	$480
1.0%	Planning & Environmental Compliance	$37	$19	51.0%	$57	0.0%	$37	$19	$57	2075Q1	466.1%	$212	$108	$320
12.0%	Engineering & Design	$449	$229	51.0%	$678	0.0%	$449	$229	$678	2075Q1	466.1%	$2,543	$1,297	$3,840
1.0%	Reviews, ATRs, IEPRs, VE	$37	$19	51.0%	$57	0.0%	$37	$19	$57	2075Q1	466.1%	$212	$108	$320
0.5%	Life Cycle Updates (cost, schedule, risks)	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2075Q1	466.1%	$106	$54	$160
0.5%	Contracting & Reprographics	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2075Q1	466.1%	$106	$54	$160
2.0%	Engineering During Construction	$75	$38	51.0%	$113	0.0%	$75	$38	$113	2076Q2	486.7%	$439	$224	$663
1.0%	Planning During Construction	$37	$19	51.0%	$57	0.0%	$37	$19	$57	2076Q2	486.7%	$220	$112	$332
0.5%	Adaptive Management & Monitoring	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2082Q1	591.6%	$129	$66	$195
0.5%	Project Operations	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2075Q1	466.1%	$106	$54	$160
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$374	$191	51.0%	$565	0.0%	$374	$191	$565	2076Q2	486.7%	$2,196	$1,120	$3,316
0.5%	Project Operation:	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2076Q2	486.7%	$110	$56	$166
0.5%	Project Management	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2076Q2	486.7%	$110	$56	$166
	CONTRACT COST TOTALS:	$4,923	$2,511		$7,433		$4,923	$2,511	**$7,433**			$21,136	$10,779	**$31,915**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Liberty to Bayou Bonfouca													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$14,899	$7,598	51.0%	$22,497	0.0%	$14,899	$7,598	$22,497	2030Q1	16.8%	$17,397	$8,873	$26,270
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$326,597	$166,565	51.0%	$493,162	0.0%	$326,597	$166,565	$493,162	2030Q1	16.8%	$381,362	$194,495	$575,857
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$341,496	$174,163	51.0%	**$515,659**		$341,496	$174,163	$515,659			$398,760	$203,367	$602,127
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$5,122	$2,612	51.0%	$7,735	0.0%	$5,122	$2,612	$7,735	2026Q3	8.4%	$5,555	$2,833	$8,387
1.0%	Planning & Environmental Compliance	$3,415	$1,742	51.0%	$5,157	0.0%	$3,415	$1,742	$5,157	2026Q3	8.4%	$3,703	$1,889	$5,592
12.0%	Engineering & Design	$40,980	$20,900	51.0%	$61,879	0.0%	$40,980	$20,900	$61,879	2026Q3	8.4%	$44,436	$22,663	$67,099
1.0%	Reviews, ATRs, IEPRs, VE	$3,415	$1,742	51.0%	$5,157	0.0%	$3,415	$1,742	$5,157	2026Q3	8.4%	$3,703	$1,889	$5,592
0.5%	Life Cycle Updates (cost, schedule, risks)	$1,707	$871	51.0%	$2,578	0.0%	$1,707	$871	$2,578	2026Q3	8.4%	$1,852	$944	$2,796
0.5%	Contracting & Reprographics	$1,707	$871	51.0%	$2,578	0.0%	$1,707	$871	$2,578	2026Q3	8.4%	$1,852	$944	$2,796
2.0%	Engineering During Construction	$6,830	$3,483	51.0%	$10,313	0.0%	$6,830	$3,483	$10,313	2030Q1	20.6%	$8,235	$4,200	$12,435
1.0%	Planning During Construction	$3,415	$1,742	51.0%	$5,157	0.0%	$3,415	$1,742	$5,157	2030Q1	20.6%	$4,118	$2,100	$6,218
0.5%	Adaptive Management & Monitoring	$1,707	$871	51.0%	$2,578	0.0%	$1,707	$871	$2,578	2037Q1	89.1%	$3,229	$1,647	$4,876
0.5%	Project Operations	$1,707	$871	51.0%	$2,578	0.0%	$1,707	$871	$2,578	2026Q3	8.4%	$1,852	$944	$2,796
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$34,150	$17,416	51.0%	$51,566	0.0%	$34,150	$17,416	$51,566	2030Q1	20.6%	$41,176	$21,000	$62,176
0.5%	Project Operation:	$1,707	$871	51.0%	$2,578	0.0%	$1,707	$871	$2,578	2030Q1	20.6%	$2,059	$1,050	$3,109
0.5%	Project Management	$1,707	$871	51.0%	$2,578	0.0%	$1,707	$871	$2,578	2030Q1	20.6%	$2,059	$1,050	$3,109
	CONTRACT COST TOTALS:	$449,068	$229,025		**$678,092**		$449,068	$229,025	**$678,092**			$522,586	$266,519	**$789,106**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Liberty to Bayou Bonfouca-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,466	$2,788	51.0%	$8,254	0.0%	$5,466	$2,788	$8,254	2032Q2	23.7%	$6,763	$3,449	$10,213
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,466	$2,788	51.0%	**$8,254**		$5,466	$2,788	$8,254			$6,763	$3,449	$10,213
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$82	$42	51.0%	$124	0.0%	$82	$42	$124	2031Q1	24.3%	$102	$52	$154
1.0%	Planning & Environmental Compliance	$55	$28	51.0%	$83	0.0%	$55	$28	$83	2031Q1	24.3%	$68	$35	$103
12.0%	Engineering & Design	$656	$335	51.0%	$991	0.0%	$656	$335	$991	2031Q1	24.3%	$815	$416	$1,231
1.0%	Reviews, ATRs, IEPRs, VE	$55	$28	51.0%	$83	0.0%	$55	$28	$83	2031Q1	24.3%	$68	$35	$103
0.5%	Life Cycle Updates (cost, schedule, risks)	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2031Q1	24.3%	$34	$17	$51
0.5%	Contracting & Reprographics	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2031Q1	24.3%	$34	$17	$51
2.0%	Engineering During Construction	$109	$56	51.0%	$165	0.0%	$109	$56	$165	2032Q2	29.0%	$141	$72	$213
1.0%	Planning During Construction	$55	$28	51.0%	$83	0.0%	$55	$28	$83	2032Q2	29.0%	$71	$36	$106
0.5%	Adaptive Management & Monitoring	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2038Q1	95.0%	$53	$27	$80
0.5%	Project Operations	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2031Q1	24.3%	$34	$17	$51
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$547	$279	51.0%	$825	0.0%	$547	$279	$825	2032Q2	29.0%	$705	$360	$1,065
0.5%	Project Operation:	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2032Q2	29.0%	$35	$18	$53
0.5%	Project Management	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2032Q2	29.0%	$35	$18	$53
	CONTRACT COST TOTALS:	$7,188	$3,666		$10,854		$7,188	$3,666	**$10,854**			$8,959	$4,569	**$13,528**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Liberty to Bayou Bonfouca-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$6,335	$3,231	51.0%	$9,566	0.0%	$6,335	$3,231	$9,566	2038Q1	43.4%	$9,084	$4,633	$13,717
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$6,335	$3,231	51.0%	**$9,566**		$6,335	$3,231	$9,566			$9,084	$4,633	$13,717
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$95	$48	51.0%	$143	0.0%	$95	$48	$143	2036Q1	83.5%	$174	$89	$263
1.0%	Planning & Environmental Compliance	$63	$32	51.0%	$96	0.0%	$63	$32	$96	2036Q1	83.5%	$116	$59	$176
12.0%	Engineering & Design	$760	$388	51.0%	$1,148	0.0%	$760	$388	$1,148	2036Q1	83.5%	$1,395	$711	$2,106
1.0%	Reviews, ATRs, IEPRs, VE	$63	$32	51.0%	$96	0.0%	$63	$32	$96	2036Q1	83.5%	$116	$59	$176
0.5%	Life Cycle Updates (cost, schedule, risks)	$32	$16	51.0%	$48	0.0%	$32	$16	$48	2036Q1	83.5%	$58	$30	$88
0.5%	Contracting & Reprographics	$32	$16	51.0%	$48	0.0%	$32	$16	$48	2036Q1	83.5%	$58	$30	$88
2.0%	Engineering During Construction	$127	$65	51.0%	$191	0.0%	$127	$65	$191	2038Q1	95.0%	$247	$126	$373
1.0%	Planning During Construction	$63	$32	51.0%	$96	0.0%	$63	$32	$96	2038Q1	95.0%	$124	$63	$187
0.5%	Adaptive Management & Monitoring	$32	$16	51.0%	$48	0.0%	$32	$16	$48	2044Q1	133.4%	$74	$38	$112
0.5%	Project Operations	$32	$16	51.0%	$48	0.0%	$32	$16	$48	2036Q1	83.5%	$58	$30	$88
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$634	$323	51.0%	$957	0.0%	$634	$323	$957	2038Q1	95.0%	$1,235	$630	$1,865
0.5%	Project Operation:	$32	$16	51.0%	$48	0.0%	$32	$16	$48	2038Q1	95.0%	$62	$31	$93
0.5%	Project Management	$32	$16	51.0%	$48	0.0%	$32	$16	$48	2038Q1	95.0%	$62	$31	$93
	CONTRACT COST TOTALS:	$8,331	$4,249		$12,580		$8,331	$4,249	**$12,580**			$12,863	$6,560	**$19,423**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			**7-Nov-23**	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Liberty to Bayou Bonfouca-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,305	$2,706	51.0%	$8,011	0.0%	$5,305	$2,706	$8,011	2051Q2	101.5%	$10,690	$5,452	$16,142
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,305	$2,706	51.0%	**$8,011**		$5,305	$2,706	$8,011			$10,690	$5,452	$16,142
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$80	$41	51.0%	$120	0.0%	$80	$41	$120	2050Q1	177.0%	$220	$112	$333
1.0%	Planning & Environmental Compliance	$53	$27	51.0%	$80	0.0%	$53	$27	$80	2050Q1	177.0%	$147	$75	$222
12.0%	Engineering & Design	$637	$325	51.0%	$961	0.0%	$637	$325	$961	2050Q1	177.0%	$1,764	$899	$2,663
1.0%	Reviews, ATRs, IEPRs, VE	$53	$27	51.0%	$80	0.0%	$53	$27	$80	2050Q1	177.0%	$147	$75	$222
0.5%	Life Cycle Updates (cost, schedule, risks)	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2050Q1	177.0%	$73	$37	$111
0.5%	Contracting & Reprographics	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2050Q1	177.0%	$73	$37	$111
2.0%	Engineering During Construction	$106	$54	51.0%	$160	0.0%	$106	$54	$160	2051Q2	187.1%	$305	$155	$460
1.0%	Planning During Construction	$53	$27	51.0%	$80	0.0%	$53	$27	$80	2051Q2	187.1%	$152	$78	$230
0.5%	Adaptive Management & Monitoring	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2057Q1	238.4%	$90	$46	$136
0.5%	Project Operations	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2050Q1	177.0%	$73	$37	$111
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$531	$271	51.0%	$801	0.0%	$531	$271	$801	2051Q2	187.1%	$1,523	$777	$2,300
0.5%	Project Operation:	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2051Q2	187.1%	$76	$39	$115
0.5%	Project Management	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2051Q2	187.1%	$76	$39	$115
	CONTRACT COST TOTALS:	$6,976	$3,558		$10,534		$6,976	$3,558	**$10,534**			$15,410	$7,859	**$23,270**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			**7-Nov-23**	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Liberty to Bayou Bonfouca-4th Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$4,189	$2,136	51.0%	$6,326	0.0%	$4,189	$2,136	$6,326	2076Q2	282.8%	$16,035	$8,178	$24,213
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$4,189	$2,136	51.0%	**$6,326**		$4,189	$2,136	$6,326			$16,035	$8,178	$24,213
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$63	$32	51.0%	$95	0.0%	$63	$32	$95	2075Q1	466.1%	$356	$181	$537
1.0%	Planning & Environmental Compliance	$42	$21	51.0%	$63	0.0%	$42	$21	$63	2075Q1	466.1%	$237	$121	$358
12.0%	Engineering & Design	$503	$256	51.0%	$759	0.0%	$503	$256	$759	2075Q1	466.1%	$2,846	$1,451	$4,297
1.0%	Reviews, ATRs, IEPRs, VE	$42	$21	51.0%	$63	0.0%	$42	$21	$63	2075Q1	466.1%	$237	$121	$358
0.5%	Life Cycle Updates (cost, schedule, risks)	$21	$11	51.0%	$32	0.0%	$21	$11	$32	2075Q1	466.1%	$119	$60	$179
0.5%	Contracting & Reprographics	$21	$11	51.0%	$32	0.0%	$21	$11	$32	2075Q1	466.1%	$119	$60	$179
2.0%	Engineering During Construction	$84	$43	51.0%	$127	0.0%	$84	$43	$127	2076Q2	486.7%	$492	$251	$742
1.0%	Planning During Construction	$42	$21	51.0%	$63	0.0%	$42	$21	$63	2076Q2	486.7%	$246	$125	$371
0.5%	Adaptive Management & Monitoring	$21	$11	51.0%	$32	0.0%	$21	$11	$32	2082Q1	591.6%	$145	$74	$219
0.5%	Project Operations	$21	$11	51.0%	$32	0.0%	$21	$11	$32	2075Q1	466.1%	$119	$60	$179
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$419	$214	51.0%	$633	0.0%	$419	$214	$633	2076Q2	486.7%	$2,458	$1,253	$3,711
0.5%	Project Operation:	$21	$11	51.0%	$32	0.0%	$21	$11	$32	2076Q2	486.7%	$123	$63	$186
0.5%	Project Management	$21	$11	51.0%	$32	0.0%	$21	$11	$32	2076Q2	486.7%	$123	$63	$186
	CONTRACT COST TOTALS:	$5,509	$2,809		$8,318		$5,509	$2,809	**$8,318**			$23,653	$12,063	**$35,715**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23	FULLY FUNDED PROJECT ESTIMATE				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Bonfouca South Bank													
02	RELOCATIONS	$338	$172	51.0%	$510	0.0%	$338	$172	$510	2028Q3	12.4%	$380	$194	$574
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$4,834	$2,465	51.0%	$7,299	0.0%	$4,834	$2,465	$7,299	2032Q2	23.7%	$5,980	$3,050	$9,030
11	LEVEES & FLOODWALLS	$38,203	$19,484	51.0%	$57,687	0.0%	$38,203	$19,484	$57,687	2033Q1	26.1%	$48,180	$24,572	$72,752
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$3,944	$2,011	51.0%	$5,955	0.0%	$3,944	$2,011	$5,955	2029Q1	13.8%	$4,488	$2,289	$6,778
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$47,319	$24,133	51.0%	**$71,452**		$47,319	$24,133	$71,452			$59,029	$30,105	$89,134
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$710	$362	51.0%	$1,072	0.0%	$710	$362	$1,072	2026Q1	6.8%	$758	$387	$1,145
1.0%	Planning & Environmental Compliance	$473	$241	51.0%	$715	0.0%	$473	$241	$715	2026Q1	6.8%	$505	$258	$763
12.0%	Engineering & Design	$5,678	$2,896	51.0%	$8,574	0.0%	$5,678	$2,896	$8,574	2026Q1	6.8%	$6,064	$3,093	$9,157
1.0%	Reviews, ATRs, IEPRs, VE	$473	$241	51.0%	$715	0.0%	$473	$241	$715	2026Q1	6.8%	$505	$258	$763
0.5%	Life Cycle Updates (cost, schedule, risks)	$237	$121	51.0%	$357	0.0%	$237	$121	$357	2026Q1	6.8%	$253	$129	$382
0.5%	Contracting & Reprographics	$237	$121	51.0%	$357	0.0%	$237	$121	$357	2026Q1	6.8%	$253	$129	$382
2.0%	Engineering During Construction	$946	$483	51.0%	$1,429	0.0%	$946	$483	$1,429	2033Q1	32.0%	$1,249	$637	$1,886
1.0%	Planning During Construction	$473	$241	51.0%	$715	0.0%	$473	$241	$715	2033Q1	32.0%	$625	$319	$943
0.5%	Adaptive Management & Monitoring	$237	$121	51.0%	$357	0.0%	$237	$121	$357	2041Q1	113.7%	$506	$258	$763
0.5%	Project Operations	$237	$121	51.0%	$357	0.0%	$237	$121	$357	2026Q1	6.8%	$253	$129	$382
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$4,732	$2,413	51.0%	$7,145	0.0%	$4,732	$2,413	$7,145	2033Q1	32.0%	$6,245	$3,185	$9,430
0.5%	Project Operation:	$237	$121	51.0%	$357	0.0%	$237	$121	$357	2033Q1	32.0%	$312	$159	$472
0.5%	Project Management	$237	$121	51.0%	$357	0.0%	$237	$121	$357	2033Q1	32.0%	$312	$159	$472
	CONTRACT COST TOTALS:	$62,224	$31,734		**$93,959**		$62,224	$31,734	**$93,959**			$76,868	$39,203	**$116,071**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Bonfouca South Bank-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$13,990	$7,135	51.0%	$21,125	0.0%	$13,990	$7,135	$21,125	2038Q2	44.3%	$20,191	$10,298	$30,489
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$13,990	$7,135	51.0%	**$21,125**		$13,990	$7,135	$21,125			$20,191	$10,298	$30,489
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$210	$107	51.0%	$317	0.0%	$210	$107	$317	2036Q1	83.5%	$385	$196	$581
1.0%	Planning & Environmental Compliance	$140	$71	51.0%	$211	0.0%	$140	$71	$211	2036Q1	83.5%	$257	$131	$388
12.0%	Engineering & Design	$1,679	$856	51.0%	$2,535	0.0%	$1,679	$856	$2,535	2036Q1	83.5%	$3,080	$1,571	$4,651
1.0%	Reviews, ATRs, IEPRs, VE	$140	$71	51.0%	$211	0.0%	$140	$71	$211	2036Q1	83.5%	$257	$131	$388
0.5%	Life Cycle Updates (cost, schedule, risks)	$70	$36	51.0%	$106	0.0%	$70	$36	$106	2036Q1	83.5%	$128	$65	$194
0.5%	Contracting & Reprographics	$70	$36	51.0%	$106	0.0%	$70	$36	$106	2036Q1	83.5%	$128	$65	$194
2.0%	Engineering During Construction	$280	$143	51.0%	$423	0.0%	$280	$143	$423	2038Q2	96.4%	$550	$280	$830
1.0%	Planning During Construction	$140	$71	51.0%	$211	0.0%	$140	$71	$211	2038Q2	96.4%	$275	$140	$415
0.5%	Adaptive Management & Monitoring	$70	$36	51.0%	$106	0.0%	$70	$36	$106	2045Q1	140.1%	$168	$86	$254
0.5%	Project Operations	$70	$36	51.0%	$106	0.0%	$70	$36	$106	2036Q1	83.5%	$128	$65	$194
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$1,399	$713	51.0%	$2,113	0.0%	$1,399	$713	$2,113	2038Q2	96.4%	$2,748	$1,402	$4,150
0.5%	Project Operation:	$70	$36	51.0%	$106	0.0%	$70	$36	$106	2038Q2	96.4%	$137	$70	$207
0.5%	Project Management	$70	$36	51.0%	$106	0.0%	$70	$36	$106	2038Q2	96.4%	$137	$70	$207
	CONTRACT COST TOTALS:	$18,397	$9,382		$27,779		$18,397	$9,382	**$27,779**			$28,571	$14,571	**$43,141**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Bonfouca South Bank-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$16,057	$8,189	51.0%	$24,245	0.0%	$16,057	$8,189	$24,245	2042Q2	59.9%	$25,680	$13,097	$38,776
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$16,057	$8,189	51.0%	**$24,245**		$16,057	$8,189	$24,245			$25,680	$13,097	$38,776
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$241	$123	51.0%	$364	0.0%	$241	$123	$364	2040Q1	107.2%	$499	$255	$754
1.0%	Planning & Environmental Compliance	$161	$82	51.0%	$242	0.0%	$161	$82	$242	2040Q1	107.2%	$333	$170	$502
12.0%	Engineering & Design	$1,927	$983	51.0%	$2,909	0.0%	$1,927	$983	$2,909	2040Q1	107.2%	$3,993	$2,037	$6,030
1.0%	Reviews, ATRs, IEPRs, VE	$161	$82	51.0%	$242	0.0%	$161	$82	$242	2040Q1	107.2%	$333	$170	$502
0.5%	Life Cycle Updates (cost, schedule, risks)	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2040Q1	107.2%	$166	$85	$251
0.5%	Contracting & Reprographics	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2040Q1	107.2%	$166	$85	$251
2.0%	Engineering During Construction	$321	$164	51.0%	$485	0.0%	$321	$164	$485	2042Q2	122.0%	$713	$364	$1,076
1.0%	Planning During Construction	$161	$82	51.0%	$242	0.0%	$161	$82	$242	2042Q2	122.0%	$356	$182	$538
0.5%	Adaptive Management & Monitoring	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2049Q1	169.2%	$216	$110	$326
0.5%	Project Operations	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2040Q1	107.2%	$166	$85	$251
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$1,606	$819	51.0%	$2,425	0.0%	$1,606	$819	$2,425	2042Q2	122.0%	$3,564	$1,818	$5,382
0.5%	Project Operation:	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2042Q2	122.0%	$178	$91	$269
0.5%	Project Management	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2042Q2	122.0%	$178	$91	$269
	CONTRACT COST TOTALS:	$21,114	$10,768		$31,883		$21,114	$10,768	**$31,883**			$36,542	$18,637	**$55,179**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			**7-Nov-23**	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Bonfouca South Bank-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$13,397	$6,833	51.0%	$20,230	0.0%	$13,397	$6,833	$20,230	2050Q2	96.4%	$26,311	$13,419	$39,729
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$13,397	$6,833	51.0%	**$20,230**		$13,397	$6,833	$20,230			$26,311	$13,419	$39,729
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$201	$102	51.0%	$303	0.0%	$201	$102	$303	2048Q1	161.6%	$526	$268	$794
1.0%	Planning & Environmental Compliance	$134	$68	51.0%	$202	0.0%	$134	$68	$202	2048Q1	161.6%	$351	$179	$529
12.0%	Engineering & Design	$1,608	$820	51.0%	$2,428	0.0%	$1,608	$820	$2,428	2048Q1	161.6%	$4,206	$2,145	$6,352
1.0%	Reviews, ATRs, IEPRs, VE	$134	$68	51.0%	$202	0.0%	$134	$68	$202	2048Q1	161.6%	$351	$179	$529
0.5%	Life Cycle Updates (cost, schedule, risks)	$67	$34	51.0%	$101	0.0%	$67	$34	$101	2048Q1	161.6%	$175	$89	$265
0.5%	Contracting & Reprographics	$67	$34	51.0%	$101	0.0%	$67	$34	$101	2048Q1	161.6%	$175	$89	$265
2.0%	Engineering During Construction	$268	$137	51.0%	$405	0.0%	$268	$137	$405	2050Q2	179.0%	$748	$381	$1,129
1.0%	Planning During Construction	$134	$68	51.0%	$202	0.0%	$134	$68	$202	2050Q2	179.0%	$374	$191	$564
0.5%	Adaptive Management & Monitoring	$67	$34	51.0%	$101	0.0%	$67	$34	$101	2057Q1	238.4%	$227	$116	$342
0.5%	Project Operations	$67	$34	51.0%	$101	0.0%	$67	$34	$101	2048Q1	161.6%	$175	$89	$265
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$1,340	$683	51.0%	$2,023	0.0%	$1,340	$683	$2,023	2050Q2	179.0%	$3,738	$1,906	$5,644
0.5%	Project Operation:	$67	$34	51.0%	$101	0.0%	$67	$34	$101	2050Q2	179.0%	$187	$95	$282
0.5%	Project Management	$67	$34	51.0%	$101	0.0%	$67	$34	$101	2050Q2	179.0%	$187	$95	$282
	CONTRACT COST TOTALS:	$17,618	$8,985		$26,602		$17,618	$8,985	**$26,602**			$37,730	$19,242	**$56,972**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Bayou Bonfouca South Bank-4th Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$10,515	$5,363	51.0%	$15,878	0.0%	$10,515	$5,363	$15,878	2076Q1	280.3%	$39,987	$20,393	$60,381
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$10,515	$5,363	51.0%	**$15,878**		$10,515	$5,363	$15,878			$39,987	$20,393	$60,381
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$158	$80	51.0%	$238	0.0%	$158	$80	$238	2074Q1	450.2%	$868	$443	$1,310
1.0%	Planning & Environmental Compliance	$105	$54	51.0%	$159	0.0%	$105	$54	$159	2074Q1	450.2%	$579	$295	$874
12.0%	Engineering & Design	$1,262	$644	51.0%	$1,905	0.0%	$1,262	$644	$1,905	2074Q1	450.2%	$6,942	$3,541	$10,483
1.0%	Reviews, ATRs, IEPRs, VE	$105	$54	51.0%	$159	0.0%	$105	$54	$159	2074Q1	450.2%	$579	$295	$874
0.5%	Life Cycle Updates (cost, schedule, risks)	$53	$27	51.0%	$79	0.0%	$53	$27	$79	2074Q1	450.2%	$289	$148	$437
0.5%	Contracting & Reprographics	$53	$27	51.0%	$79	0.0%	$53	$27	$79	2074Q1	450.2%	$289	$148	$437
2.0%	Engineering During Construction	$210	$107	51.0%	$318	0.0%	$210	$107	$318	2076Q1	482.6%	$1,225	$625	$1,850
1.0%	Planning During Construction	$105	$54	51.0%	$159	0.0%	$105	$54	$159	2076Q1	482.6%	$613	$312	$925
0.5%	Adaptive Management & Monitoring	$53	$27	51.0%	$79	0.0%	$53	$27	$79	2082Q1	591.6%	$364	$185	$549
0.5%	Project Operations	$53	$27	51.0%	$79	0.0%	$53	$27	$79	2074Q1	450.2%	$289	$148	$437
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$1,052	$536	51.0%	$1,588	0.0%	$1,052	$536	$1,588	2076Q1	482.6%	$6,126	$3,124	$9,250
0.5%	Project Operation:	$53	$27	51.0%	$79	0.0%	$53	$27	$79	2076Q1	482.6%	$306	$156	$462
0.5%	Project Management	$53	$27	51.0%	$79	0.0%	$53	$27	$79	2076Q1	482.6%	$306	$156	$462
	CONTRACT COST TOTALS:	$13,827	$7,052		$20,879		$13,827	$7,052	**$20,879**			$58,761	$29,968	**$88,730**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23	FULLY FUNDED PROJECT ESTIMATE				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Oak Harbor Extension													
02	RELOCATIONS	$10,297	$5,252	51.0%	$15,549	0.0%	$10,297	$5,252	$15,549	2029Q1	13.8%	$11,719	$5,977	$17,696
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$7,608	$3,880	51.0%	$11,487	0.0%	$7,608	$3,880	$11,487	2029Q1	13.8%	$8,658	$4,416	$13,074
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$42,202	$21,523	51.0%	$63,724	0.0%	$42,202	$21,523	$63,724	2030Q1	16.8%	$49,278	$25,132	$74,410
11	LEVEES & FLOODWALLS	$7,607	$3,879	51.0%	$11,486	0.0%	$7,607	$3,879	$11,486	2029Q1	13.8%	$8,657	$4,415	$13,072
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$67,713	$34,534	51.0%	**$102,247**		$67,713	$34,534	$102,247			$78,313	$39,940	$118,253
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$1,016	$518	51.0%	$1,534	0.0%	$1,016	$518	$1,534	2027Q1	10.1%	$1,118	$570	$1,689
1.0%	Planning & Environmental Compliance	$677	$345	51.0%	$1,022	0.0%	$677	$345	$1,022	2027Q1	10.1%	$746	$380	$1,126
12.0%	Engineering & Design	$8,126	$4,144	51.0%	$12,270	0.0%	$8,126	$4,144	$12,270	2027Q1	10.1%	$8,947	$4,563	$13,509
1.0%	Reviews, ATRs, IEPRs, VE	$677	$345	51.0%	$1,022	0.0%	$677	$345	$1,022	2027Q1	10.1%	$746	$380	$1,126
0.5%	Life Cycle Updates (cost, schedule, risks)	$339	$173	51.0%	$511	0.0%	$339	$173	$511	2027Q1	10.1%	$373	$190	$563
0.5%	Contracting & Reprographics	$339	$173	51.0%	$511	0.0%	$339	$173	$511	2027Q1	10.1%	$373	$190	$563
2.0%	Engineering During Construction	$1,354	$691	51.0%	$2,045	0.0%	$1,354	$691	$2,045	2030Q1	20.6%	$1,633	$833	$2,466
1.0%	Planning During Construction	$677	$345	51.0%	$1,022	0.0%	$677	$345	$1,022	2030Q1	20.6%	$816	$416	$1,233
0.5%	Adaptive Management & Monitoring	$339	$173	51.0%	$511	0.0%	$339	$173	$511	2037Q1	89.1%	$640	$327	$967
0.5%	Project Operations	$339	$173	51.0%	$511	0.0%	$339	$173	$511	2027Q1	10.1%	$373	$190	$563
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$6,771	$3,453	51.0%	$10,225	0.0%	$6,771	$3,453	$10,225	2030Q1	20.6%	$8,165	$4,164	$12,328
0.5%	Project Operation:	$339	$173	51.0%	$511	0.0%	$339	$173	$511	2030Q1	20.6%	$408	$208	$616
0.5%	Project Management	$339	$173	51.0%	$511	0.0%	$339	$173	$511	2030Q1	20.6%	$408	$208	$616
	CONTRACT COST TOTALS:	$89,043	$45,412		**$134,455**		$89,043	$45,412	**$134,455**			$103,058	$52,560	**$155,618**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Oak Harbor Extension-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,138	$2,620	51.0%	$7,758	0.0%	$5,138	$2,620	$7,758	2035Q3	34.5%	$6,911	$3,524	$10,435
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,138	$2,620	51.0%	**$7,758**		$5,138	$2,620	$7,758			$6,911	$3,524	$10,435
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$77	$39	51.0%	$116	0.0%	$77	$39	$116	2034Q1	36.0%	$105	$53	$158
1.0%	Planning & Environmental Compliance	$51	$26	51.0%	$78	0.0%	$51	$26	$78	2034Q1	36.0%	$70	$36	$105
12.0%	Engineering & Design	$617	$314	51.0%	$931	0.0%	$617	$314	$931	2034Q1	36.0%	$838	$428	$1,266
1.0%	Reviews, ATRs, IEPRs, VE	$51	$26	51.0%	$78	0.0%	$51	$26	$78	2034Q1	36.0%	$70	$36	$105
0.5%	Life Cycle Updates (cost, schedule, risks)	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2034Q1	36.0%	$35	$18	$53
0.5%	Contracting & Reprographics	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2034Q1	36.0%	$35	$18	$53
2.0%	Engineering During Construction	$103	$52	51.0%	$155	0.0%	$103	$52	$155	2035Q3	80.8%	$186	$95	$281
1.0%	Planning During Construction	$51	$26	51.0%	$78	0.0%	$51	$26	$78	2035Q3	80.8%	$93	$47	$140
0.5%	Adaptive Management & Monitoring	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2041Q1	113.7%	$55	$28	$83
0.5%	Project Operations	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2034Q1	36.0%	$35	$18	$53
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$514	$262	51.0%	$776	0.0%	$514	$262	$776	2035Q3	80.8%	$929	$474	$1,403
0.5%	Project Operation:	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2035Q3	80.8%	$46	$24	$70
0.5%	Project Management	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2035Q3	80.8%	$46	$24	$70
	CONTRACT COST TOTALS:	$6,756	$3,446		$10,202		$6,756	$3,446	**$10,202**			$9,454	$4,821	**$14,275**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Oak Harbor Extension-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,580	$2,846	51.0%	$8,425	0.0%	$5,580	$2,846	$8,425	2048Q2	86.6%	$10,410	$5,309	$15,719
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,580	$2,846	51.0%	**$8,425**		$5,580	$2,846	$8,425			$10,410	$5,309	$15,719
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$84	$43	51.0%	$126	0.0%	$84	$43	$126	2047Q1	154.3%	$213	$109	$321
1.0%	Planning & Environmental Compliance	$56	$28	51.0%	$84	0.0%	$56	$28	$84	2047Q1	154.3%	$142	$72	$214
12.0%	Engineering & Design	$670	$341	51.0%	$1,011	0.0%	$670	$341	$1,011	2047Q1	154.3%	$1,702	$868	$2,571
1.0%	Reviews, ATRs, IEPRs, VE	$56	$28	51.0%	$84	0.0%	$56	$28	$84	2047Q1	154.3%	$142	$72	$214
0.5%	Life Cycle Updates (cost, schedule, risks)	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2047Q1	154.3%	$71	$36	$107
0.5%	Contracting & Reprographics	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2047Q1	154.3%	$71	$36	$107
2.0%	Engineering During Construction	$112	$57	51.0%	$169	0.0%	$112	$57	$169	2048Q2	163.5%	$294	$150	$444
1.0%	Planning During Construction	$56	$28	51.0%	$84	0.0%	$56	$28	$84	2048Q2	163.5%	$147	$75	$222
0.5%	Adaptive Management & Monitoring	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2054Q1	210.6%	$87	$44	$131
0.5%	Project Operations	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2047Q1	154.3%	$71	$36	$107
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$558	$285	51.0%	$843	0.0%	$558	$285	$843	2048Q2	163.5%	$1,470	$750	$2,220
0.5%	Project Operation:	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2048Q2	163.5%	$74	$37	$111
0.5%	Project Management	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2048Q2	163.5%	$74	$37	$111
	CONTRACT COST TOTALS:	$7,337	$3,742		$11,079		$7,337	$3,742	**$11,079**			$14,967	$7,633	**$22,599**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Oak Harbor Extension-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,397	$2,753	51.0%	$8,150	0.0%	$5,397	$2,753	$8,150	2064Q2	181.3%	$15,183	$7,743	$22,926
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,397	$2,753	51.0%	**$8,150**		$5,397	$2,753	$8,150			$15,183	$7,743	$22,926
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$81	$41	51.0%	$122	0.0%	$81	$41	$122	2063Q1	301.7%	$325	$166	$491
1.0%	Planning & Environmental Compliance	$54	$28	51.0%	$81	0.0%	$54	$28	$81	2063Q1	301.7%	$217	$111	$327
12.0%	Engineering & Design	$648	$330	51.0%	$978	0.0%	$648	$330	$978	2063Q1	301.7%	$2,602	$1,327	$3,929
1.0%	Reviews, ATRs, IEPRs, VE	$54	$28	51.0%	$81	0.0%	$54	$28	$81	2063Q1	301.7%	$217	$111	$327
0.5%	Life Cycle Updates (cost, schedule, risks)	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2063Q1	301.7%	$108	$55	$164
0.5%	Contracting & Reprographics	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2063Q1	301.7%	$108	$55	$164
2.0%	Engineering During Construction	$108	$55	51.0%	$163	0.0%	$108	$55	$163	2064Q2	316.3%	$449	$229	$679
1.0%	Planning During Construction	$54	$28	51.0%	$81	0.0%	$54	$28	$81	2064Q2	316.3%	$225	$115	$339
0.5%	Adaptive Management & Monitoring	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2070Q1	390.7%	$132	$68	$200
0.5%	Project Operations	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2063Q1	301.7%	$108	$55	$164
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$540	$275	51.0%	$815	0.0%	$540	$275	$815	2064Q2	316.3%	$2,247	$1,146	$3,393
0.5%	Project Operation:	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2064Q2	316.3%	$112	$57	$170
0.5%	Project Management	$27	$14	51.0%	$41	0.0%	$27	$14	$41	2064Q2	316.3%	$112	$57	$170
	CONTRACT COST TOTALS:	$7,097	$3,620		$10,717		$7,097	$3,620	**$10,717**			$22,147	$11,295	**$33,441**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Slidell Ring I-10 to HWY 433													
02	RELOCATIONS	$2,163	$1,103	51.0%	$3,267	0.0%	$2,163	$1,103	$3,267	2030Q1	16.8%	$2,526	$1,288	$3,814
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$40,459	$20,634	51.0%	$61,094	0.0%	$40,459	$20,634	$61,094	2031Q1	19.8%	$48,472	$24,721	$73,193
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$42,623	$21,738	51.0%	**$64,360**		$42,623	$21,738	$64,360			$50,998	$26,009	$77,008
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$639	$326	51.0%	$965	0.0%	$639	$326	$965	2027Q1	10.1%	$704	$359	$1,063
1.0%	Planning & Environmental Compliance	$426	$217	51.0%	$644	0.0%	$426	$217	$644	2027Q1	10.1%	$469	$239	$709
12.0%	Engineering & Design	$5,115	$2,609	51.0%	$7,723	0.0%	$5,115	$2,609	$7,723	2027Q1	10.1%	$5,631	$2,872	$8,504
1.0%	Reviews, ATRs, IEPRs, VE	$426	$217	51.0%	$644	0.0%	$426	$217	$644	2027Q1	10.1%	$469	$239	$709
0.5%	Life Cycle Updates (cost, schedule, risks)	$213	$109	51.0%	$322	0.0%	$213	$109	$322	2027Q1	10.1%	$235	$120	$354
0.5%	Contracting & Reprographics	$213	$109	51.0%	$322	0.0%	$213	$109	$322	2027Q1	10.1%	$235	$120	$354
2.0%	Engineering During Construction	$852	$435	51.0%	$1,287	0.0%	$852	$435	$1,287	2031Q1	24.3%	$1,059	$540	$1,600
1.0%	Planning During Construction	$426	$217	51.0%	$644	0.0%	$426	$217	$644	2031Q1	24.3%	$530	$270	$800
0.5%	Adaptive Management & Monitoring	$213	$109	51.0%	$322	0.0%	$213	$109	$322	2038Q1	95.0%	$416	$212	$627
0.5%	Project Operations	$213	$109	51.0%	$322	0.0%	$213	$109	$322	2027Q1	10.1%	$235	$120	$354
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$4,262	$2,174	51.0%	$6,436	0.0%	$4,262	$2,174	$6,436	2031Q1	24.3%	$5,297	$2,702	$7,999
0.5%	Project Operation:	$213	$109	51.0%	$322	0.0%	$213	$109	$322	2031Q1	24.3%	$265	$135	$400
0.5%	Project Management	$213	$109	51.0%	$322	0.0%	$213	$109	$322	2031Q1	24.3%	$265	$135	$400
	CONTRACT COST TOTALS:	$56,049	$28,585		**$84,634**		$56,049	$28,585	**$84,634**			$66,808	$34,072	**$100,880**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Slidell Ring I-10 to HWY 433-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,312	$2,709	51.0%	$8,021	0.0%	$5,312	$2,709	$8,021	2034Q2	30.2%	$6,918	$3,528	$10,447
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,312	$2,709	51.0%	**$8,021**		$5,312	$2,709	$8,021			$6,918	$3,528	$10,447
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$80	$41	51.0%	$120	0.0%	$80	$41	$120	2033Q1	32.0%	$105	$54	$159
1.0%	Planning & Environmental Compliance	$53	$27	51.0%	$80	0.0%	$53	$27	$80	2033Q1	32.0%	$70	$36	$106
12.0%	Engineering & Design	$637	$325	51.0%	$962	0.0%	$637	$325	$962	2033Q1	32.0%	$841	$429	$1,270
1.0%	Reviews, ATRs, IEPRs, VE	$53	$27	51.0%	$80	0.0%	$53	$27	$80	2033Q1	32.0%	$70	$36	$106
0.5%	Life Cycle Updates (cost, schedule, risks)	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2033Q1	32.0%	$35	$18	$53
0.5%	Contracting & Reprographics	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2033Q1	32.0%	$35	$18	$53
2.0%	Engineering During Construction	$106	$54	51.0%	$160	0.0%	$106	$54	$160	2034Q2	37.0%	$146	$74	$220
1.0%	Planning During Construction	$53	$27	51.0%	$80	0.0%	$53	$27	$80	2034Q2	37.0%	$73	$37	$110
0.5%	Adaptive Management & Monitoring	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2040Q1	107.2%	$55	$28	$83
0.5%	Project Operations	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2033Q1	32.0%	$35	$18	$53
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$531	$271	51.0%	$802	0.0%	$531	$271	$802	2034Q2	37.0%	$728	$371	$1,099
0.5%	Project Operation:	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2034Q2	37.0%	$36	$19	$55
0.5%	Project Management	$27	$14	51.0%	$40	0.0%	$27	$14	$40	2034Q2	37.0%	$36	$19	$55
	CONTRACT COST TOTALS:	$6,985	$3,562		$10,547		$6,985	$3,562	**$10,547**			$9,184	$4,684	**$13,867**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Slidell Ring I-10 to HWY 433-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,621	$2,867	51.0%	$8,488	0.0%	$5,621	$2,867	$8,488	2047Q2	81.8%	$10,221	$5,213	$15,434
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,621	$2,867	51.0%	**$8,488**		$5,621	$2,867	$8,488			$10,221	$5,213	$15,434
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$84	$43	51.0%	$127	0.0%	$84	$43	$127	2046Q1	147.1%	$208	$106	$315
1.0%	Planning & Environmental Compliance	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2046Q1	147.1%	$139	$71	$210
12.0%	Engineering & Design	$675	$344	51.0%	$1,019	0.0%	$675	$344	$1,019	2046Q1	147.1%	$1,667	$850	$2,517
1.0%	Reviews, ATRs, IEPRs, VE	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2046Q1	147.1%	$139	$71	$210
0.5%	Life Cycle Updates (cost, schedule, risks)	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2046Q1	147.1%	$69	$35	$105
0.5%	Contracting & Reprographics	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2046Q1	147.1%	$69	$35	$105
2.0%	Engineering During Construction	$112	$57	51.0%	$170	0.0%	$112	$57	$170	2047Q2	156.1%	$288	$147	$435
1.0%	Planning During Construction	$56	$29	51.0%	$85	0.0%	$56	$29	$85	2047Q2	156.1%	$144	$73	$217
0.5%	Adaptive Management & Monitoring	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2053Q1	201.8%	$85	$43	$128
0.5%	Project Operations	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2046Q1	147.1%	$69	$35	$105
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$562	$287	51.0%	$849	0.0%	$562	$287	$849	2047Q2	156.1%	$1,439	$734	$2,174
0.5%	Project Operation:	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2047Q2	156.1%	$72	$37	$109
0.5%	Project Management	$28	$14	51.0%	$42	0.0%	$28	$14	$42	2047Q2	156.1%	$72	$37	$109
	CONTRACT COST TOTALS:	$7,392	$3,770		$11,162		$7,392	$3,770	**$11,162**			$14,683	$7,488	**$22,171**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Slidell Ring I-10 to HWY 433-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,161	$2,632	51.0%	$7,793	0.0%	$5,161	$2,632	$7,793	2064Q2	181.3%	$14,517	$7,404	$21,921
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$5,161	$2,632	51.0%	**$7,793**		$5,161	$2,632	$7,793			$14,517	$7,404	$21,921
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$77	$39	51.0%	$117	0.0%	$77	$39	$117	2063Q1	301.7%	$311	$159	$470
1.0%	Planning & Environmental Compliance	$52	$26	51.0%	$78	0.0%	$52	$26	$78	2063Q1	301.7%	$207	$106	$313
12.0%	Engineering & Design	$619	$316	51.0%	$935	0.0%	$619	$316	$935	2063Q1	301.7%	$2,488	$1,269	$3,757
1.0%	Reviews, ATRs, IEPRs, VE	$52	$26	51.0%	$78	0.0%	$52	$26	$78	2063Q1	301.7%	$207	$106	$313
0.5%	Life Cycle Updates (cost, schedule, risks)	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2063Q1	301.7%	$104	$53	$157
0.5%	Contracting & Reprographics	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2063Q1	301.7%	$104	$53	$157
2.0%	Engineering During Construction	$103	$53	51.0%	$156	0.0%	$103	$53	$156	2064Q2	316.3%	$430	$219	$649
1.0%	Planning During Construction	$52	$26	51.0%	$78	0.0%	$52	$26	$78	2064Q2	316.3%	$215	$110	$324
0.5%	Adaptive Management & Monitoring	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2070Q1	390.7%	$127	$65	$191
0.5%	Project Operations	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2063Q1	301.7%	$104	$53	$157
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$516	$263	51.0%	$779	0.0%	$516	$263	$779	2064Q2	316.3%	$2,148	$1,096	$3,244
0.5%	Project Operation:	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2064Q2	316.3%	$107	$55	$162
0.5%	Project Management	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2064Q2	316.3%	$107	$55	$162
	CONTRACT COST TOTALS:	$6,786	$3,461		$10,247		$6,786	$3,461	**$10,247**			$21,176	$10,800	**$31,976**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23	FULLY FUNDED PROJECT ESTIMATE				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Old Spanish Trail Extention													
02	RELOCATIONS	$82	$42	51.0%	$124	0.0%	$82	$42	$124	2028Q2	11.7%	$91	$47	$138
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$3,996	$2,038	51.0%	$6,034	0.0%	$3,996	$2,038	$6,034	2030Q2	17.5%	$4,697	$2,395	$7,093
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$18,723	$9,549	51.0%	$28,272	0.0%	$18,723	$9,549	$28,272	2030Q1	16.8%	$21,863	$11,150	$33,013
11	LEVEES & FLOODWALLS	$1,906	$972	51.0%	$2,878	0.0%	$1,906	$972	$2,878	2030Q2	17.5%	$2,240	$1,143	$3,383
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$24,707	$12,601	51.0%	**37,308**		$24,707	$12,601	$37,308			$28,892	$14,735	$43,626
01	LANDS AND DAMAGES	$0	$0	0.0%	$ -	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$371	$189	51.0%	$560	0.0%	$371	$189	$560	2028Q1	13.5%	$421	$215	$635
1.0%	Planning & Environmental Compliance	$247	$126	51.0%	$373	0.0%	$247	$126	$373	2028Q1	13.5%	$280	$143	$424
12.0%	Engineering & Design	$2,965	$1,512	51.0%	$4,477	0.0%	$2,965	$1,512	$4,477	2028Q1	13.5%	$3,366	$1,716	$5,082
1.0%	Reviews, ATRs, IEPRs, VE	$247	$126	51.0%	$373	0.0%	$247	$126	$373	2028Q1	13.5%	$280	$143	$424
0.5%	Life Cycle Updates (cost, schedule, risks)	$124	$63	51.0%	$187	0.0%	$124	$63	$187	2028Q1	13.5%	$140	$72	$212
0.5%	Contracting & Reprographics	$124	$63	51.0%	$187	0.0%	$124	$63	$187	2028Q1	13.5%	$140	$72	$212
2.0%	Engineering During Construction	$494	$252	51.0%	$746	0.0%	$494	$252	$746	2030Q2	21.5%	$600	$306	$906
1.0%	Planning During Construction	$247	$126	51.0%	$373	0.0%	$247	$126	$373	2030Q2	21.5%	$300	$153	$453
0.5%	Adaptive Management & Monitoring	$124	$63	51.0%	$187	0.0%	$124	$63	$187	2036Q1	83.5%	$227	$116	$342
0.5%	Project Operations	$124	$63	51.0%	$187	0.0%	$124	$63	$187	2028Q1	13.5%	$140	$72	$212
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$2,471	$1,260	51.0%	3,731	0.0%	$2,471	$1,260	$3,731	2030Q2	21.5%	$3,001	$1,530	$4,531
0.5%	Project Operation:	$124	$63	51.0%	187	0.0%	$124	$63	$187	2030Q2	21.5%	$150	$77	$227
0.5%	Project Management	$124	$63	51.0%	187	0.0%	$124	$63	$187	2030Q2	21.5%	$150	$77	$227
	CONTRACT COST TOTALS:	$32,490	$16,570		**49,060**		$32,490	$16,570	**$49,060**			$38,088	$19,425	**$57,512**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Old Spanish Trail Extention-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$1,712	$873	51.0%	$2,585	0.0%	$1,712	$873	$2,585	2034Q2	30.2%	$2,230	$1,137	$3,367
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$1,712	$873	51.0%	**$2,585**		$1,712	$873	$2,585			$2,230	$1,137	$3,367
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$26	$13	51.0%	$39	0.0%	$26	$13	$39	2033Q1	32.0%	$34	$17	$51
1.0%	Planning & Environmental Compliance	$17	$9	51.0%	$26	0.0%	$17	$9	$26	2033Q1	32.0%	$23	$12	$34
12.0%	Engineering & Design	$205	$105	51.0%	$310	0.0%	$205	$105	$310	2033Q1	32.0%	$271	$138	$409
1.0%	Reviews, ATRs, IEPRs, VE	$17	$9	51.0%	$26	0.0%	$17	$9	$26	2033Q1	32.0%	$23	$12	$34
0.5%	Life Cycle Updates (cost, schedule, risks)	$9	$4	51.0%	$13	0.0%	$9	$4	$13	2033Q1	32.0%	$11	$6	$17
0.5%	Contracting & Reprographics	$9	$4	51.0%	$13	0.0%	$9	$4	$13	2033Q1	32.0%	$11	$6	$17
2.0%	Engineering During Construction	$34	$17	51.0%	$52	0.0%	$34	$17	$52	2034Q2	37.0%	$47	$24	$71
1.0%	Planning During Construction	$17	$9	51.0%	$26	0.0%	$17	$9	$26	2034Q2	37.0%	$23	$12	$35
0.5%	Adaptive Management & Monitoring	$9	$4	51.0%	$13	0.0%	$9	$4	$13	2040Q1	107.2%	$18	$9	$27
0.5%	Project Operations	$9	$4	51.0%	$13	0.0%	$9	$4	$13	2033Q1	32.0%	$11	$6	$17
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$171	$87	51.0%	$259	0.0%	$171	$87	$259	2034Q2	37.0%	$235	$120	$354
0.5%	Project Operation:	$9	$4	51.0%	$13	0.0%	$9	$4	$13	2034Q2	37.0%	$12	$6	$18
0.5%	Project Management	$9	$4	51.0%	$13	0.0%	$9	$4	$13	2034Q2	37.0%	$12	$6	$18
	CONTRACT COST TOTALS:	$2,251	$1,148		$3,400		$2,251	$1,148	**$3,400**			$2,960	$1,510	**$4,470**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			**7-Nov-23**	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Old Spanish Trail Extention-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$1,657	$845	51.0%	$2,502	0.0%	$1,657	$845	$2,502	2047Q2	81.8%	$3,013	$1,536	$4,549
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$1,657	$845	51.0%	**$2,502**		$1,657	$845	$2,502			$3,013	$1,536	$4,549
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$25	$13	51.0%	$38	0.0%	$25	$13	$38	2046Q1	147.1%	$61	$31	$93
1.0%	Planning & Environmental Compliance	$17	$8	51.0%	$25	0.0%	$17	$8	$25	2046Q1	147.1%	$41	$21	$62
12.0%	Engineering & Design	$199	$101	51.0%	$300	0.0%	$199	$101	$300	2046Q1	147.1%	$491	$251	$742
1.0%	Reviews, ATRs, IEPRs, VE	$17	$8	51.0%	$25	0.0%	$17	$8	$25	2046Q1	147.1%	$41	$21	$62
0.5%	Life Cycle Updates (cost, schedule, risks)	$8	$4	51.0%	$13	0.0%	$8	$4	$13	2046Q1	147.1%	$20	$10	$31
0.5%	Contracting & Reprographics	$8	$4	51.0%	$13	0.0%	$8	$4	$13	2046Q1	147.1%	$20	$10	$31
2.0%	Engineering During Construction	$33	$17	51.0%	$50	0.0%	$33	$17	$50	2047Q2	156.1%	$85	$43	$128
1.0%	Planning During Construction	$17	$8	51.0%	$25	0.0%	$17	$8	$25	2047Q2	156.1%	$42	$22	$64
0.5%	Adaptive Management & Monitoring	$8	$4	51.0%	$13	0.0%	$8	$4	$13	2053Q1	201.8%	$25	$13	$38
0.5%	Project Operations	$8	$4	51.0%	$13	0.0%	$8	$4	$13	2046Q1	147.1%	$20	$10	$31
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$166	$84	51.0%	$250	0.0%	$166	$84	$250	2047Q2	156.1%	$424	$216	$641
0.5%	Project Operation:	$8	$4	51.0%	$13	0.0%	$8	$4	$13	2047Q2	156.1%	$21	$11	$32
0.5%	Project Management	$8	$4	51.0%	$13	0.0%	$8	$4	$13	2047Q2	156.1%	$21	$11	$32
	CONTRACT COST TOTALS:	$2,179	$1,111		$3,290		$2,179	$1,111	**$3,290**			$4,328	$2,207	**$6,535**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Old Spanish Trail Extention-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$1,450	$739	51.0%	$2,189	0.0%	$1,450	$739	$2,189	2064Q2	181.3%	$4,078	$2,080	$6,157
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$1,450	$739	51.0%	**$2,189**		$1,450	$739	$2,189			$4,078	$2,080	$6,157
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$22	$11	51.0%	$33	0.0%	$22	$11	$33	2063Q1	301.7%	$87	$45	$132
1.0%	Planning & Environmental Compliance	$14	$7	51.0%	$22	0.0%	$14	$7	$22	2063Q1	301.7%	$58	$30	$88
12.0%	Engineering & Design	$174	$89	51.0%	$263	0.0%	$174	$89	$263	2063Q1	301.7%	$699	$356	$1,055
1.0%	Reviews, ATRs, IEPRs, VE	$14	$7	51.0%	$22	0.0%	$14	$7	$22	2063Q1	301.7%	$58	$30	$88
0.5%	Life Cycle Updates (cost, schedule, risks)	$7	$4	51.0%	$11	0.0%	$7	$4	$11	2063Q1	301.7%	$29	$15	$44
0.5%	Contracting & Reprographics	$7	$4	51.0%	$11	0.0%	$7	$4	$11	2063Q1	301.7%	$29	$15	$44
2.0%	Engineering During Construction	$29	$15	51.0%	$44	0.0%	$29	$15	$44	2064Q2	316.3%	$121	$62	$182
1.0%	Planning During Construction	$14	$7	51.0%	$22	0.0%	$14	$7	$22	2064Q2	316.3%	$60	$31	$91
0.5%	Adaptive Management & Monitoring	$7	$4	51.0%	$11	0.0%	$7	$4	$11	2070Q1	390.7%	$36	$18	$54
0.5%	Project Operations	$7	$4	51.0%	$11	0.0%	$7	$4	$11	2063Q1	301.7%	$29	$15	$44
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$145	$74	51.0%	$219	0.0%	$145	$74	$219	2064Q2	316.3%	$603	$308	$911
0.5%	Project Operation:	$7	$4	51.0%	$11	0.0%	$7	$4	$11	2064Q2	316.3%	$30	$15	$46
0.5%	Project Management	$7	$4	51.0%	$11	0.0%	$7	$4	$11	2064Q2	316.3%	$30	$15	$46
	CONTRACT COST TOTALS:	$1,906	$972		$2,878		$1,906	$972	**$2,878**			$5,948	$3,033	**$8,981**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23	FULLY FUNDED PROJECT ESTIMATE				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Hwy 433 to Kings Point													
02	RELOCATIONS	$400	$204	51.0%	$604	0.0%	$400	$204	$604	2027Q2	8.8%	$435	$222	$658
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$5,861	$2,989	51.0%	$8,850	0.0%	$5,861	$2,989	$8,850	2030Q1	16.8%	$6,844	$3,490	$10,334
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$63,468	$32,369	51.0%	$95,837	0.0%	$63,468	$32,369	$95,837	2029Q3	15.3%	$73,181	$37,322	$110,504
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$87,227	$44,486	51.0%	$131,713	0.0%	$87,227	$44,486	$131,713	2029Q3	15.3%	$100,576	$51,294	$151,869
	CONSTRUCTION ESTIMATE TOTALS:	$156,957	$80,048	51.0%	**$237,005**		$156,957	$80,048	$237,005			$181,036	$92,328	$273,364
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$2,354	$1,201	51.0%	$3,555	0.0%	$2,354	$1,201	$3,555	2027Q1	10.1%	$2,592	$1,322	$3,914
1.0%	Planning & Environmental Compliance	$1,570	$800	51.0%	$2,370	0.0%	$1,570	$800	$2,370	2027Q1	10.1%	$1,728	$881	$2,609
12.0%	Engineering & Design	$18,835	$9,606	51.0%	$28,441	0.0%	$18,835	$9,606	$28,441	2027Q1	10.1%	$20,738	$10,576	$31,314
1.0%	Reviews, ATRs, IEPRs, VE	$1,570	$800	51.0%	$2,370	0.0%	$1,570	$800	$2,370	2027Q1	10.1%	$1,728	$881	$2,609
0.5%	Life Cycle Updates (cost, schedule, risks)	$785	$400	51.0%	$1,185	0.0%	$785	$400	$1,185	2027Q1	10.1%	$864	$441	$1,305
0.5%	Contracting & Reprographics	$785	$400	51.0%	$1,185	0.0%	$785	$400	$1,185	2027Q1	10.1%	$864	$441	$1,305
2.0%	Engineering During Construction	$3,139	$1,601	51.0%	$4,740	0.0%	$3,139	$1,601	$4,740	2030Q1	20.6%	$3,785	$1,930	$5,715
1.0%	Planning During Construction	$1,570	$800	51.0%	$2,370	0.0%	$1,570	$800	$2,370	2030Q1	20.6%	$1,893	$965	$2,858
0.5%	Adaptive Management & Monitoring	$785	$400	51.0%	$1,185	0.0%	$785	$400	$1,185	2036Q1	83.5%	$1,440	$734	$2,174
0.5%	Project Operations	$785	$400	51.0%	$1,185	0.0%	$785	$400	$1,185	2027Q1	10.1%	$864	$441	$1,305
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$15,696	$8,005	51.0%	$23,700	0.0%	$15,696	$8,005	$23,700	2030Q1	20.6%	$18,925	$9,652	$28,577
0.5%	Project Operation:	$785	$400	51.0%	$1,185	0.0%	$785	$400	$1,185	2030Q1	20.6%	$946	$483	$1,429
0.5%	Project Management	$785	$400	51.0%	$1,185	0.0%	$785	$400	$1,185	2030Q1	20.6%	$946	$483	$1,429
	CONTRACT COST TOTALS:	$206,398	$105,263		**$311,661**		$206,398	$105,263	**$311,661**			$238,349	$121,558	**$359,908**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Hwy 433 to Kings Point-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$3,773	$1,924	51.0%	$5,697	0.0%	$3,773	$1,924	$5,697	2034Q2	30.2%	$4,914	$2,506	$7,420
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$3,773	$1,924	51.0%	**$5,697**		$3,773	$1,924	$5,697			$4,914	$2,506	$7,420
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$57	$29	51.0%	$85	0.0%	$57	$29	$85	2033Q1	32.0%	$75	$38	$113
1.0%	Planning & Environmental Compliance	$38	$19	51.0%	$57	0.0%	$38	$19	$57	2033Q1	32.0%	$50	$25	$75
12.0%	Engineering & Design	$453	$231	51.0%	$684	0.0%	$453	$231	$684	2033Q1	32.0%	$597	$305	$902
1.0%	Reviews, ATRs, IEPRs, VE	$38	$19	51.0%	$57	0.0%	$38	$19	$57	2033Q1	32.0%	$50	$25	$75
0.5%	Life Cycle Updates (cost, schedule, risks)	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2033Q1	32.0%	$25	$13	$38
0.5%	Contracting & Reprographics	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2033Q1	32.0%	$25	$13	$38
2.0%	Engineering During Construction	$75	$38	51.0%	$114	0.0%	$75	$38	$114	2034Q2	37.0%	$103	$53	$156
1.0%	Planning During Construction	$38	$19	51.0%	$57	0.0%	$38	$19	$57	2034Q2	37.0%	$52	$26	$78
0.5%	Adaptive Management & Monitoring	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2040Q1	107.2%	$39	$20	$59
0.5%	Project Operations	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2033Q1	32.0%	$25	$13	$38
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$377	$192	51.0%	$570	0.0%	$377	$192	$570	2034Q2	37.0%	$517	$264	$780
0.5%	Project Operation:	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2034Q2	37.0%	$26	$13	$39
0.5%	Project Management	$19	$10	51.0%	$28	0.0%	$19	$10	$28	2034Q2	37.0%	$26	$13	$39
	CONTRACT COST TOTALS:	$4,961	$2,530		$7,491		$4,961	$2,530	**$7,491**			$6,523	$3,327	**$9,849**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Hwy 433 to Kings Point-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$4,003	$2,041	51.0%	$6,044	0.0%	$4,003	$2,041	$6,044	2047Q2	81.8%	$7,279	$3,712	$10,991
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$4,003	$2,041	51.0%	**$6,044**		$4,003	$2,041	$6,044			$7,279	$3,712	$10,991
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$60	$31	51.0%	$91	0.0%	$60	$31	$91	2046Q1	147.1%	$148	$76	$224
1.0%	Planning & Environmental Compliance	$40	$20	51.0%	$60	0.0%	$40	$20	$60	2046Q1	147.1%	$99	$50	$149
12.0%	Engineering & Design	$480	$245	51.0%	$725	0.0%	$480	$245	$725	2046Q1	147.1%	$1,187	$605	$1,792
1.0%	Reviews, ATRs, IEPRs, VE	$40	$20	51.0%	$60	0.0%	$40	$20	$60	2046Q1	147.1%	$99	$50	$149
0.5%	Life Cycle Updates (cost, schedule, risks)	$20	$10	51.0%	$30	0.0%	$20	$10	$30	2046Q1	147.1%	$49	$25	$75
0.5%	Contracting & Reprographics	$20	$10	51.0%	$30	0.0%	$20	$10	$30	2046Q1	147.1%	$49	$25	$75
2.0%	Engineering During Construction	$80	$41	51.0%	$121	0.0%	$80	$41	$121	2047Q2	156.1%	$205	$105	$310
1.0%	Planning During Construction	$40	$20	51.0%	$60	0.0%	$40	$20	$60	2047Q2	156.1%	$103	$52	$155
0.5%	Adaptive Management & Monitoring	$20	$10	51.0%	$30	0.0%	$20	$10	$30	2053Q1	201.8%	$60	$31	$91
0.5%	Project Operations	$20	$10	51.0%	$30	0.0%	$20	$10	$30	2046Q1	147.1%	$49	$25	$75
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$400	$204	51.0%	$604	0.0%	$400	$204	$604	2047Q2	156.1%	$1,025	$523	$1,548
0.5%	Project Operation:	$20	$10	51.0%	$30	0.0%	$20	$10	$30	2047Q2	156.1%	$51	$26	$77
0.5%	Project Management	$20	$10	51.0%	$30	0.0%	$20	$10	$30	2047Q2	156.1%	$51	$26	$77
	CONTRACT COST TOTALS:	$5,264	$2,685		$7,948		$5,264	$2,685	**$7,948**			$10,456	$5,332	**$15,788**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Hwy 433 to Kings Point-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$3,807	$1,942	51.0%	$5,749	0.0%	$3,807	$1,942	$5,749	2064Q2	181.3%	$10,710	$5,462	$16,172
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$3,807	$1,942	51.0%	**$5,749**		$3,807	$1,942	$5,749			$10,710	$5,462	$16,172
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$57	$29	51.0%	$86	0.0%	$57	$29	$86	2063Q1	301.7%	$229	$117	$346
1.0%	Planning & Environmental Compliance	$38	$19	51.0%	$57	0.0%	$38	$19	$57	2063Q1	301.7%	$153	$78	$231
12.0%	Engineering & Design	$457	$233	51.0%	$690	0.0%	$457	$233	$690	2063Q1	301.7%	$1,835	$936	$2,771
1.0%	Reviews, ATRs, IEPRs, VE	$38	$19	51.0%	$57	0.0%	$38	$19	$57	2063Q1	301.7%	$153	$78	$231
0.5%	Life Cycle Updates (cost, schedule, risks)	$19	$10	51.0%	$29	0.0%	$19	$10	$29	2063Q1	301.7%	$76	$39	$115
0.5%	Contracting & Reprographics	$19	$10	51.0%	$29	0.0%	$19	$10	$29	2063Q1	301.7%	$76	$39	$115
2.0%	Engineering During Construction	$76	$39	51.0%	$115	0.0%	$76	$39	$115	2064Q2	316.3%	$317	$162	$479
1.0%	Planning During Construction	$38	$19	51.0%	$57	0.0%	$38	$19	$57	2064Q2	316.3%	$158	$81	$239
0.5%	Adaptive Management & Monitoring	$19	$10	51.0%	$29	0.0%	$19	$10	$29	2070Q1	390.7%	$93	$48	$141
0.5%	Project Operations	$19	$10	51.0%	$29	0.0%	$19	$10	$29	2063Q1	301.7%	$76	$39	$115
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$381	$194	51.0%	$575	0.0%	$381	$194	$575	2064Q2	316.3%	$1,585	$808	$2,393
0.5%	Project Operation:	$19	$10	51.0%	$29	0.0%	$19	$10	$29	2064Q2	316.3%	$79	$40	$120
0.5%	Project Management	$19	$10	51.0%	$29	0.0%	$19	$10	$29	2064Q2	316.3%	$79	$40	$120
	CONTRACT COST TOTALS:	$5,006	$2,553		$7,560		$5,006	$2,553	**$7,560**			$15,622	$7,967	**$23,590**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Kings Point to HWY 190B													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$3,052	$1,556	51.0%	$4,608	0.0%	$3,052	$1,556	$4,608	2029Q3	15.3%	$3,519	$1,795	$5,314
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$35,440	$18,074	51.0%	$53,514	0.0%	$35,440	$18,074	$53,514	2029Q3	15.3%	$40,863	$20,840	$61,703
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$38,492	$19,631	51.0%	**$58,122**		$38,492	$19,631	$58,122			$44,382	$22,635	$67,017
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$577	$294	51.0%	$872	0.0%	$577	$294	$872	2027Q1	10.1%	$636	$324	$960
1.0%	Planning & Environmental Compliance	$385	$196	51.0%	$581	0.0%	$385	$196	$581	2027Q1	10.1%	$424	$216	$640
12.0%	Engineering & Design	$4,619	$2,356	51.0%	$6,975	0.0%	$4,619	$2,356	$6,975	2027Q1	10.1%	$5,086	$2,594	$7,679
1.0%	Reviews, ATRs, IEPRs, VE	$385	$196	51.0%	$581	0.0%	$385	$196	$581	2027Q1	10.1%	$424	$216	$640
0.5%	Life Cycle Updates (cost, schedule, risks)	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2027Q1	10.1%	$212	$108	$320
0.5%	Contracting & Reprographics	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2027Q1	10.1%	$212	$108	$320
2.0%	Engineering During Construction	$770	$393	51.0%	$1,162	0.0%	$770	$393	$1,162	2029Q3	18.8%	$915	$466	$1,381
1.0%	Planning During Construction	$385	$196	51.0%	$581	0.0%	$385	$196	$581	2029Q3	18.8%	$457	$233	$691
0.5%	Adaptive Management & Monitoring	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2036Q1	83.5%	$353	$180	$533
0.5%	Project Operations	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2027Q1	10.1%	$212	$108	$320
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$3,849	$1,963	51.0%	$5,812	0.0%	$3,849	$1,963	$5,812	2029Q3	18.8%	$4,573	$2,332	$6,905
0.5%	Project Operation:	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2029Q3	18.8%	$229	$117	$345
0.5%	Project Management	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2029Q3	18.8%	$229	$117	$345
	CONTRACT COST TOTALS:	$50,616	$25,814		**$76,431**		$50,616	$25,814	**$76,431**			$58,342	$29,754	**$88,096**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Kings Point to HWY 190B-1st Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$2,345	$1,196	51.0%	$3,540	0.0%	$2,345	$1,196	$3,540	2034Q3	31.1%	$3,074	$1,567	$4,641
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$2,345	$1,196	51.0%	**$3,540**		$2,345	$1,196	$3,540			$3,074	$1,567	$4,641
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$35	$18	51.0%	$53	0.0%	$35	$18	$53	2033Q1	32.0%	$46	$24	$70
1.0%	Planning & Environmental Compliance	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2033Q1	32.0%	$31	$16	$47
12.0%	Engineering & Design	$281	$143	51.0%	$425	0.0%	$281	$143	$425	2033Q1	32.0%	$371	$189	$561
1.0%	Reviews, ATRs, IEPRs, VE	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2033Q1	32.0%	$31	$16	$47
0.5%	Life Cycle Updates (cost, schedule, risks)	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2033Q1	32.0%	$15	$8	$23
0.5%	Contracting & Reprographics	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2033Q1	32.0%	$15	$8	$23
2.0%	Engineering During Construction	$47	$24	51.0%	$71	0.0%	$47	$24	$71	2034Q3	47.6%	$69	$35	$104
1.0%	Planning During Construction	$23	$12	51.0%	$35	0.0%	$23	$12	$35	2034Q3	47.6%	$35	$18	$52
0.5%	Adaptive Management & Monitoring	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2040Q1	107.2%	$24	$12	$37
0.5%	Project Operations	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2033Q1	32.0%	$15	$8	$23
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$234	$120	51.0%	$354	0.0%	$234	$120	$354	2034Q3	47.6%	$346	$176	$522
0.5%	Project Operation:	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2034Q3	47.6%	$17	$9	$26
0.5%	Project Management	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2034Q3	47.6%	$17	$9	$26
	CONTRACT COST TOTALS:	$3,083	$1,572		$4,655		$3,083	$1,572	**$4,655**			$4,108	$2,095	**$6,203**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Kings Point to HWY 190B-2nd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$2,476	$1,263	51.0%	$3,739	0.0%	$2,476	$1,263	$3,739	2047Q3	83.0%	$4,531	$2,311	$6,842
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$2,476	$1,263	51.0%	**$3,739**		$2,476	$1,263	$3,739			$4,531	$2,311	$6,842
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$37	$19	51.0%	$56	0.0%	$37	$19	$56	2046Q1	147.1%	$92	$47	$139
1.0%	Planning & Environmental Compliance	$25	$13	51.0%	$37	0.0%	$25	$13	$37	2046Q1	147.1%	$61	$31	$92
12.0%	Engineering & Design	$297	$152	51.0%	$449	0.0%	$297	$152	$449	2046Q1	147.1%	$734	$374	$1,109
1.0%	Reviews, ATRs, IEPRs, VE	$25	$13	51.0%	$37	0.0%	$25	$13	$37	2046Q1	147.1%	$61	$31	$92
0.5%	Life Cycle Updates (cost, schedule, risks)	$12	$6	51.0%	$19	0.0%	$12	$6	$19	2046Q1	147.1%	$31	$16	$46
0.5%	Contracting & Reprographics	$12	$6	51.0%	$19	0.0%	$12	$6	$19	2046Q1	147.1%	$31	$16	$46
2.0%	Engineering During Construction	$50	$25	51.0%	$75	0.0%	$50	$25	$75	2047Q3	157.9%	$128	$65	$193
1.0%	Planning During Construction	$25	$13	51.0%	$37	0.0%	$25	$13	$37	2047Q3	157.9%	$64	$33	$96
0.5%	Adaptive Management & Monitoring	$12	$6	51.0%	$19	0.0%	$12	$6	$19	2053Q1	201.8%	$37	$19	$56
0.5%	Project Operations	$12	$6	51.0%	$19	0.0%	$12	$6	$19	2046Q1	147.1%	$31	$16	$46
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$248	$126	51.0%	$374	0.0%	$248	$126	$374	2047Q3	157.9%	$639	$326	$964
0.5%	Project Operation:	$12	$6	51.0%	$19	0.0%	$12	$6	$19	2047Q3	157.9%	$32	$16	$48
0.5%	Project Management	$12	$6	51.0%	$19	0.0%	$12	$6	$19	2047Q3	157.9%	$32	$16	$48
	CONTRACT COST TOTALS:	$3,256	$1,660		$4,916		$3,256	$1,660	**$4,916**			$6,503	$3,316	**$9,819**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Kings Point to HWY 190B-3rd Lift													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$2,380	$1,214	51.0%	$3,593	0.0%	$2,380	$1,214	$3,593	2064Q3	183.1%	$6,738	$3,436	$10,175
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$2,380	$1,214	51.0%	**$3,593**		$2,380	$1,214	$3,593			$6,738	$3,436	$10,175
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$36	$18	51.0%	$54	0.0%	$36	$18	$54	2063Q1	301.7%	$143	$73	$217
1.0%	Planning & Environmental Compliance	$24	$12	51.0%	$36	0.0%	$24	$12	$36	2063Q1	301.7%	$96	$49	$144
12.0%	Engineering & Design	$286	$146	51.0%	$431	0.0%	$286	$146	$431	2063Q1	301.7%	$1,147	$585	$1,732
1.0%	Reviews, ATRs, IEPRs, VE	$24	$12	51.0%	$36	0.0%	$24	$12	$36	2063Q1	301.7%	$96	$49	$144
0.5%	Life Cycle Updates (cost, schedule, risks)	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2063Q1	301.7%	$48	$24	$72
0.5%	Contracting & Reprographics	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2063Q1	301.7%	$48	$24	$72
2.0%	Engineering During Construction	$48	$24	51.0%	$72	0.0%	$48	$24	$72	2064Q3	319.3%	$200	$102	$301
1.0%	Planning During Construction	$24	$12	51.0%	$36	0.0%	$24	$12	$36	2064Q3	319.3%	$100	$51	$151
0.5%	Adaptive Management & Monitoring	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2070Q1	390.7%	$58	$30	$88
0.5%	Project Operations	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2063Q1	301.7%	$48	$24	$72
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$238	$121	51.0%	$359	0.0%	$238	$121	$359	2064Q3	319.3%	$998	$509	$1,507
0.5%	Project Operation:	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2064Q3	319.3%	$50	$25	$75
0.5%	Project Management	$12	$6	51.0%	$18	0.0%	$12	$6	$18	2064Q3	319.3%	$50	$25	$75
	CONTRACT COST TOTALS:	$3,129	$1,596		$4,725		$3,129	$1,596	**$4,725**			$9,819	$5,008	**$14,827**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Substation Enclo. near HWY 190B													
02	RELOCATIONS	$681	$348	51.0%	$1,029	0.0%	$681	$348	$1,029	2028Q1	10.9%	$756	$385	$1,141
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$36,452	$18,591	51.0%	$55,043	0.0%	$36,452	$18,591	$55,043	2029Q1	13.8%	$41,486	$21,158	$62,644
11	LEVEES & FLOODWALLS	$1,347	$687	51.0%	$2,033	0.0%	$1,347	$687	$2,033	2029Q3	15.3%	$1,553	$792	$2,345
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$38,480	$19,625	51.0%	**$58,105**		$38,480	$19,625	$58,105			$43,795	$22,335	$66,130
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$577	$294	51.0%	$872	0.0%	$577	$294	$872	2026Q1	6.8%	$616	$314	$931
1.0%	Planning & Environmental Compliance	$385	$196	51.0%	$581	0.0%	$385	$196	$581	2026Q1	6.8%	$411	$210	$621
12.0%	Engineering & Design	$4,618	$2,355	51.0%	$6,973	0.0%	$4,618	$2,355	$6,973	2026Q1	6.8%	$4,931	$2,515	$7,446
1.0%	Reviews, ATRs, IEPRs, VE	$385	$196	51.0%	$581	0.0%	$385	$196	$581	2026Q1	6.8%	$411	$210	$621
0.5%	Life Cycle Updates (cost, schedule, risks)	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2026Q1	6.8%	$205	$105	$310
0.5%	Contracting & Reprographics	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2026Q1	6.8%	$205	$105	$310
2.0%	Engineering During Construction	$770	$392	51.0%	$1,162	0.0%	$770	$392	$1,162	2029Q3	18.8%	$914	$466	$1,381
1.0%	Planning During Construction	$385	$196	51.0%	$581	0.0%	$385	$196	$581	2029Q3	18.8%	$457	$233	$690
0.5%	Adaptive Management & Monitoring	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2035Q1	68.8%	$325	$166	$490
0.5%	Project Operations	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2026Q1	6.8%	$205	$105	$310
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$3,848	$1,962	51.0%	$5,810	0.0%	$3,848	$1,962	$5,810	2029Q3	18.8%	$4,572	$2,332	$6,903
0.5%	Project Operation:	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2029Q3	18.8%	$229	$117	$345
0.5%	Project Management	$192	$98	51.0%	$291	0.0%	$192	$98	$291	2029Q3	18.8%	$229	$117	$345
	CONTRACT COST TOTALS:	$50,601	$25,807		**$76,408**		$50,601	$25,807	**$76,408**			$57,506	$29,328	**$86,834**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Eastern Extention													
02	RELOCATIONS	$4,217	$2,151	51.0%	$6,368	0.0%	$4,217	$2,151	$6,368	2030Q3	18.3%	$4,989	$2,544	$7,533
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$2,142	$1,092	51.0%	$3,234	0.0%	$2,142	$1,092	$3,234	2030Q3	18.3%	$2,534	$1,292	$3,826
11	LEVEES & FLOODWALLS	$681	$347	51.0%	$1,028	0.0%	$681	$347	$1,028	2032Q3	24.5%	$848	$433	$1,281
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$138,176	$70,470	51.0%	$208,646	0.0%	$138,176	$70,470	$208,646	2030Q3	18.3%	$163,464	$83,367	$246,831
11	LEVEES & FLOODWALLS	$20,450	$10,430	51.0%	$30,880	0.0%	$20,450	$10,430	$30,880	2033Q3	27.8%	$26,129	$13,326	$39,455
13	PUMPING PLANT	$75,164	$38,334	51.0%	$113,498	0.0%	$75,164	$38,334	$113,498	2029Q3	15.3%	$86,667	$44,200	$130,867
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$240,830	$122,823	51.0%	**$363,654**		$240,830	$122,823	$363,654			$284,631	$145,162	$429,793
01	LANDS AND DAMAGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$3,612	$1,842	51.0%	$5,455	0.0%	$3,612	$1,842	$5,455	2026Q1	6.8%	$3,858	$1,967	$5,825
1.0%	Planning & Environmental Compliance	$2,408	$1,228	51.0%	$3,637	0.0%	$2,408	$1,228	$3,637	2026Q1	6.8%	$2,572	$1,312	$3,884
12.0%	Engineering & Design	$28,900	$14,739	51.0%	$43,638	0.0%	$28,900	$14,739	$43,638	2026Q1	6.8%	$30,863	$15,740	$46,603
1.0%	Reviews, ATRs, IEPRs, VE	$2,408	$1,228	51.0%	$3,637	0.0%	$2,408	$1,228	$3,637	2026Q1	6.8%	$2,572	$1,312	$3,884
0.5%	Life Cycle Updates (cost, schedule, risks)	$1,204	$614	51.0%	$1,818	0.0%	$1,204	$614	$1,818	2026Q1	6.8%	$1,286	$656	$1,942
0.5%	Contracting & Reprographics	$1,204	$614	51.0%	$1,818	0.0%	$1,204	$614	$1,818	2026Q1	6.8%	$1,286	$656	$1,942
2.0%	Engineering During Construction	$4,817	$2,456	51.0%	$7,273	0.0%	$4,817	$2,456	$7,273	2033Q3	34.0%	$6,453	$3,291	$9,744
1.0%	Planning During Construction	$2,408	$1,228	51.0%	$3,637	0.0%	$2,408	$1,228	$3,637	2033Q3	34.0%	$3,227	$1,646	$4,872
0.5%	Adaptive Management & Monitoring	$1,204	$614	51.0%	$1,818	0.0%	$1,204	$614	$1,818	2039Q1	101.0%	$2,421	$1,234	$3,655
0.5%	Project Operations	$1,204	$614	51.0%	$1,818	0.0%	$1,204	$614	$1,818	2026Q1	6.8%	$1,286	$656	$1,942
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$24,083	$12,282	51.0%	$36,365	0.0%	$24,083	$12,282	$36,365	2033Q3	34.0%	$32,266	$16,456	$48,721
0.5%	Project Operation:	$1,204	$614	51.0%	$1,818	0.0%	$1,204	$614	$1,818	2033Q3	34.0%	$1,613	$823	$2,436
0.5%	Project Management	$1,204	$614	51.0%	$1,818	0.0%	$1,204	$614	$1,818	2033Q3	34.0%	$1,613	$823	$2,436
	CONTRACT COST TOTALS:	$316,692	$161,513		**$478,205**		$316,692	$161,513	**$478,205**			$375,946	$191,732	**$567,678**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Mitigation													
02	RELOCATIONS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$45,108	$23,005	51.0%	$68,114	0.0%	$45,108	$23,005	$68,114	2028Q2	11.7%	$50,365	$25,686	$76,051
06	FISH & WILDLIFE FACILITIES	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	51.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$45,108	$23,005	51.0%	**$68,114**		$45,108	$23,005	$68,114			$50,365	$25,686	$76,051
01	LANDS AND DAMAGES	$42,904	$10,726	25.0%	$53,630	0.0%	$42,904	$10,726	$53,630	2028Q2	11.5%	$47,853	$11,963	$59,817
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$677	$345	51.0%	$1,022	0.0%	$677	$345	$1,022	2028Q2	14.4%	$774	$395	$1,169
1.0%	Planning & Environmental Compliance	$451	$230	51.0%	$681	0.0%	$451	$230	$681	2028Q2	14.4%	$516	$263	$779
12.0%	Engineering & Design	$5,413	$2,761	51.0%	$8,174	0.0%	$5,413	$2,761	$8,174	2028Q2	14.4%	$6,191	$3,158	$9,349
1.0%	Reviews, ATRs, IEPRs, VE	$451	$230	51.0%	$681	0.0%	$451	$230	$681	2028Q2	14.4%	$516	$263	$779
0.5%	Life Cycle Updates (cost, schedule, risks)	$226	$115	51.0%	$341	0.0%	$226	$115	$341	2028Q2	14.4%	$258	$132	$390
0.5%	Contracting & Reprographics	$226	$115	51.0%	$341	0.0%	$226	$115	$341	2028Q2	14.4%	$258	$132	$390
2.0%	Engineering During Construction	$902	$460	51.0%	$1,362	0.0%	$902	$460	$1,362	2028Q2	14.4%	$1,032	$526	$1,558
1.0%	Planning During Construction	$451	$230	51.0%	$681	0.0%	$451	$230	$681	2028Q2	14.4%	$516	$263	$779
0.5%	Adaptive Management & Monitoring	$226	$115	51.0%	$341	0.0%	$226	$115	$341	2033Q2	33.0%	$300	$153	$453
0.5%	Project Operations	$226	$115	51.0%	$341	0.0%	$226	$115	$341	2028Q2	14.4%	$258	$132	$390
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$4,511	$2,301	51.0%	$6,811	0.0%	$4,511	$2,301	$6,811	2028Q2	14.4%	$5,159	$2,631	$7,791
0.5%	Project Operation:	$226	$115	51.0%	$341	0.0%	$226	$115	$341	2028Q2	14.4%	$258	$132	$390
0.5%	Project Management	$226	$115	51.0%	$341	0.0%	$226	$115	$341	2028Q2	14.4%	$258	$132	$390
	CONTRACT COST TOTALS:	$102,222	$40,978		**$143,199**		$102,222	$40,978	**$143,199**			$114,512	$45,959	**$160,472**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammary Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammary Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23	Program Year (Budget EC):			2024					
		Effective Price Level:			1-Oct-23	Effective Price Level Date:			1 OCT 23	FULLY FUNDED PROJECT ESTIMATE				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	FRM-Mile Branch - Screened													
02	RELOCATIONS		$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES		$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
08	ROADS, RAILROADS & BRIDGES		$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
09	CHANNELS & CANALS		$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONSTRUCTION ESTIMATE TOTALS:	$0	$0	0.0%	**$0**		$0	$0	$0			$0	$0	$0
01	LANDS AND DAMAGES		$0	25.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
1.0%	Planning & Environmental Compliance	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
12.0%	Engineering & Design	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
1.0%	Reviews, ATRs, IEPRs, VE	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
0.5%	Life Cycle Updates (cost, schedule, risks)	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
0.5%	Contracting & Reprographics	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
2.0%	Engineering During Construction	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
1.0%	Planning During Construction	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
0.5%	Adaptive Management & Monitoring	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
0.5%	Project Operations	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
31	CONSTRUCTION MANAGEMENT													
10.0%	Construction Management	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
0.5%	Project Operation:	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
0.5%	Project Management	$0	$0	55.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
	CONTRACT COST TOTALS:	$0	$0		**$0**		$0	$0	**$0**			$0	$0	**$0**

****** TOTAL PROJECT COST SUMMARY ******

****** CONTRACT COST SUMMARY ******

PROJECT: St. Tammany Parish Feasibility Study
LOCATION: Slidell, LA
This Estimate reflects the scope and schedule in report; St. Tammany Main Report

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet
PREPARED: 11/9/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared:			7-Nov-23		Program Year (Budget EC):		2024					
		Effective Price Level:			1-Oct-23		Effective Price Level Date:		1 OCT 23			FULLY FUNDED PROJECT ESTIMATE		
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST ($K)	CNTG ($K)	CNTG (%)	TOTAL ($K)	ESC (%)	COST ($K)	CNTG ($K)	TOTAL ($K)	Mid-Point Date	INFLATED (%)	COST ($K)	CNTG ($K)	FULL ($K)
A	*B*	*C*	*D*	*E*	*F*	*G*	*H*	*I*	*J*	*P*	*L*	*M*	*N*	*O*
	Non-Structural													
02	RELOCATIONS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
06	FISH & WILDLIFE FACILITIES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
11	LEVEES & FLOODWALLS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
13	PUMPING PLANT	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
08	ROADS, RAILROADS & BRIDGES	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
09	CHANNELS & CANALS	$0	$0	0.0%	$0	0.0%	$0	$0	$0	0	0.0%	$0	$0	$0
19	BUILDINGS, GROUNDS & UTILITIES	$1,605,522	$690,374	43.0%	$2,295,896	0.0%	$1,605,522	$690,374	$2,295,896	2032Q1	22.9%	$1,973,496	$848,603	$2,822,099
18	CULTURAL RESOURCE PRESERVATION	$13,523	$5,815	43.0%	$19,338	0.0%	$13,523	$5,815	$19,338	2032Q1	22.9%	$16,623	$7,148	$23,770
	CONSTRUCTION ESTIMATE TOTALS:	$1,619,044.7492	$696,189	43.0%	**$2,315,234**		$1,619,045	$696,189	$2,315,234			$1,990,119	$855,751	$2,845,870
01	LANDS AND DAMAGES	$150,322	$37,581	25.0%	$187,903	0.0%	$150,322	$37,581	$187,903	2032Q1	22.8%	$184,580	$46,145	$230,725
30	PLANNING, ENGINEERING & DESIGN													
2.5%	Project Management	$40,476	$17,405	43.0%	$57,881	0.0%	$40,476	$17,405	$57,880.8498	2032Q1	28.0%	$51,827	$22,285	$74,112
1.0%	Planning & Environmental Compliance	$16,190	$6,962	43.0%	$23,152	0.0%	$16,190	$6,962	$23,152.3399	2032Q1	28.0%	$20,731	$8,914	$29,645
4.5%	Engineering & Design	$72,857	$31,329	43.0%	$104,186	0.0%	$72,857	$31,329	$104,185.5296	2032Q1	28.0%	$93,288	$40,114	$133,402
1.0%	Reviews, ATRs, IEPRs, VE	$16,190	$6,962	43.0%	$23,152	0.0%	$16,190	$6,962	$23,152.3399	2032Q1	28.0%	$20,731	$8,914	$29,645
1.0%	Life Cycle Updates (cost, schedule, risks)	$16,190	$6,962	43.0%	$23,152	0.0%	$16,190	$6,962	$23,152.3399	2032Q1	28.0%	$20,731	$8,914	$29,645
1.0%	Contracting & Reprographics	$16,190	$6,962	43.0%	$23,152	0.0%	$16,190	$6,962	$23,152.3399	2032Q1	28.0%	$20,731	$8,914	$29,645
2.0%	Engineering During Construction	$32,381	$13,924	43.0%	$46,305	0.0%	$32,381	$13,924	$46,304.6798	2032Q1	28.0%	$41,461	$17,828	$59,290
1.0%	Planning During Construction	$16,190	$6,962	43.0%	$23,152	0.0%	$16,190	$6,962	$23,152.3399	2032Q1	28.0%	$20,731	$8,914	$29,645
0.0%	Adaptive Management & Monitoring	$0	$0	43.0%	$0	0.0%	$0	$0	$0.0000	0	0.0%	$0	$0	$0
0.0%	Project Operations	$0	$0	43.0%	$0	0.0%	$0	$0	$0.0000	0	0.0%	$0	$0	$0
31	CONSTRUCTION MANAGEMENT													
5.5%	Construction Management	$89,047	$38,290	43.0%	$127,338	0.0%	$89,047	$38,290	$127,338	2032Q1	28.0%	$114,018	$49,028	$163,046
1.0%	Project Operation:	$16,190	$6,962	43.0%	$23,152	0.0%	$16,190	$6,962	$23,152	2032Q1	28.0%	$20,731	$8,914	$29,645
1.5%	Project Management	$24,286	$10,443	43.0%	$34,729	0.0%	$24,286	$10,443	$34,729	2032Q1	28.0%	$31,096	$13,371	$44,467
	CONTRACT COST TOTALS:	$2,125,557	$886,931		**$3,012,488**		$2,125,557	$886,931	**$3,012,488**			$2,630,773	$1,098,008	**$3,728,780**

Design Maturity Determination for Cost Certification

Date: 11/2/23

P2 Designation/Project Name: GI BBA 18 St. Tammany Study, Louisiana (P2 Project No. 477554)

The Chief of Engineering is responsible for the technical content and engineering sufficiency for all engineering products produced by the command. As such, I have performed the Management Control Evaluation per Engineer Regulation (ER) 1110-2-1150, Engineering and Design for Civil Works Projects, Appendix H, Internal Management Control Review Checklist.

The current design DOES NOT require HQ approval (i.e., engineering waivers), requiring a deviation from mandatory requirements and mandatory standards, as defined in ERs, Engineering Manuals, Engineering Technical letters, and Engineering Circulars.

The current hydrology and hydraulics modeling is at 20 % design maturity, per reference (h) below.

The current geotechnical data and subsurface investigations are at 10 % design maturity, per reference (h) below. Subsurface investigations shall also include investigations of potential borrow and spoil areas.

The current survey data is at 10 % design maturity, per reference (h) below.

Other major technical and/or scope assumptions and risks include the following, which will be refined as the design progresses.

See attached sheets. Note that design maturity is stated in the context of the study phase as reference (h) refers to PED/Detailed Design deliverables.

The aggregate for all features is 10 % design maturity. Therefore, per the CECW-EC memorandum dated 05-June-2023, I certify that the design deliverables used to generate the cost products for this project and the estimate meet the requirements for a estimate, as per reference (a) below. Design risks, impacts and remaining efforts are summarized on page 2.

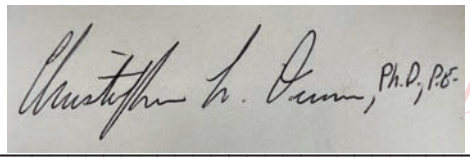
Considering risks and assumptions noted above, along with all other concerns documented in the Risk Register, the Cost and Schedule Risk Analysis has developed a contingency of 46 % at the 80 % confidence level for the defined project scope.

Chief of Engineering

Chief of Engineering

Christopher L. Dunn, Ph.D., P.E.

Printed Name



Digitally signed by DUNN.CHRISTOPHER.LESLIE.1244566185
Date: 2023.12.05 14:41:43 -06'00'

Signature

Design Maturity Determination for Cost Certification, Remaining Work

If an engineering waiver is required, list the risks and remaining design work needed to mitigate this issue in the current design. Identify remaining effort to complete the design required for 100% design.

No waivers are required.

Identify remaining effort to complete geotechnical design effort required for 100% design. List the risks and cost and schedule impacts needed to mitigate this issue in the current design.

Existing geotechnical data was used for the levee system, and it was very limited in geographic extent/coverage. Currently no soil borings exist in the majority of the Structural (Slidell Levee) component of the project, which creates substantial uncertainty that makes it difficult to ensure contingencies adequately capture the potential for cost growth, especially along the western end of the alignment which traverses a marsh. As the project matures additional design work will be performed and a complete subsurface investigation (borings and CPTs every 500 ft) for the entire alignment will be performed. To mitigate the geotechnical risks at the current 10% level of design maturity, conservative design approaches based on recent experiences on the West Shore Lake Pontchartrain project were taken (i.e., wide levee section, pile lengths, etc.). Additionally, a senior-level review of the CSRA was performed and adjustments were used to develop the final contingency applied to the TPCS. However, given the limited soils data, extrapolation of what is expected to be conservative assumptions for geomorphology and soil parameters still contain a high degree of uncertainty. The current level of design and the CSRA reflects the team's best efforts to characterize the risk and uncertainty given the lack of data, but risk of cost and schedule growth still remains.

Identify remaining effort required to complete H&H required for 100% design. List the risks and cost and schedule impacts needed to mitigate this issue in the current design.

The current design relied upon existing ADCIRC bathymetry and existing LiDAR datasets. Storm surge modeling was performed using ADCIRC and SWAN. As such, surge modeling can be said to be at 95% completion, such that running the future with project and performing refinements resulting from any advances in technology to validate results during PED would be required. This equates to high confidence in surge elevations. Detailed runup and loading calculations are still needed to address the coastal loadings and optimization of stability/wave berms on the levees and floodwalls. Interior drainage was sized using 2D HEC-RAS Models and the modeling completed represents roughly 50% of that required to result in a final implementable design. Where required, conservative assumptions were used. However, during PED, designs will need to be revisited upon completion of detailed topographic and bathymetric surveys to validate number, sizes, and types of structures, to include opening sizes for navigation and drainage gates as well as pump station capacities. Also, additional runs to cover the full suite of compound hydrologic conditions will be performed. Furthermore, the potential need for local landside runoff drainage elements will need to be assessed and designed, if needed. The work remaining still poses some risk to cost and schedule growth, especially with respect to structure sizing.

Identify remaining effort needed to complete survey data required for 100% design. List the risks and cost and schedule impacts needed to mitigate this issue in the current design.

The current design utilized existing LiDAR datasets and existing coastal bathymetry data, which only addressed up to the Lake Pontchartrain shoreline. No field surveys were completed for the current design. To provide sufficient information to bring the project to 100% design, full field surveys will need to be performed along the entirety of the levee alignment. Use of existing LiDAR data and aerial imagery were used to mitigate risks associated with no data, but there is still residual risk that without a full alignment survey on the ground and a full utility survey that there may need to be shifts in the alignment (e.g. to avoid cultural sites or critical habitat) or the introduction of costly relocation features.

If the project is anticipated to be executed in parts, provide a design assessment (percent complete) of each part/phase below.

The Structural (Slidell Levee) project will be completed using lift-construction (meaning multiple phases over the 50-year life). Initial construction will include all features of the alignment except the 2082 extension. This extension will be constructed with the 4th lift in the year 2076 and will include 3 sluice gate structures, one pedestrian gate structure, one vehicular gate structure, and one road ramp. The project cost estimate accounts for the timing of construction of these elements. At the time of this cost estimate, all elements have been designed to the same level, representing a feasibility phase of 10% design/scope maturity. However, in the context of construction and detailed design, the base year can be stated to be between 0% and 5% of cumulative project design complete, with the future phases all at 0%. Remaining risks are the same as those articulated above in the previous sections.

References:

a. ER 1110-2-1302 – Civil Works Cost Engineering
b. CECW-EC memorandum dated 05-June-2023MFR, Guidance on Cost Engineering Products update for Civil Works Projects in accordance with Engineer Regulation 1110-2-1302 – Civil Works Cost Engineering
c. ER 1165-2-217 – Civil Works Review Policy
d. ER 1110-2-1150 – Engineering and Design for Civil Works Projects
e. ER 1110-3-12 – Quality Management
f. ER 1110-345-700 – Design Analysis, Drawings and Specifications
g. EM 5-1-11 – Project Delivery Business Process (PDBP)
h. Engineering and Construction Bulletin (ECB) 2023-9 – Civil Works Design Milestone Checklists

Design Maturity Determination for Cost Certification – Instructions

Paragraph 1 – Design Date: Use the drop-down menu to populate the date of the design.

Paragraph 1 – Project Information: Enter the P2 Project number and Project name.

Paragraph 3 – Engineering Waivers: Use the drop-down menu to populate this field with either "Does," or "Does not." If an engineering waiver is needed, or anticipated to be needed, provide the specific waiver required for the Project. A waiver is any deviation from current mandatory standards, as indicated.

Paragraph 4 – Hydrology and Hydraulics: Populate this field with the % design maturity.

Paragraph 5 – Geotechnical Information: Populate this field with the % design maturity.

Paragraph 6 – Survey Data: Populate this field with the % design maturity.

Paragraph 7 – Other Technical Assumptions and/or Scope: Enter any other major technical assumptions or scope assumptions here. Only include assumptions that pertain to design. Template discussion fields are provided as a courtesy. Please include additional pages as necessary.

Paragraph 8 – Signature: Print the name and title and provide the signature for the District's Chief of Engineering. This authority cannot be delegated; however, the Deputy Chief of Engineering and Design may sign the form in the absence of the Chief of Engineering. All fillable fields must be populated (use N/A if not applicable) in order for the document to be signed.

Page 2 – Remaining Work: Identify the current baseline design assumptions and the remaining design effort and risks to complete 100% design for the authorized project. If the project is to be broken into parts or phases, provide details on the aggregate design level of each phase and anticipated timeline for completion.