

**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
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

This Estimate reflects the scope and schedule in report;

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	NF(LATE) (%)	COST (\$K)	CNTG (\$K)	CNTG (%)	FULL (\$K)				
																C	D	E	F
Civil Works Work Breakdown Structure																			
02	RELOCATIONS	\$21,299	\$10,863	51.0%	\$32,162	0.0%	\$21,299	\$10,863	\$32,162	0.0%	\$21,299	\$10,863	\$32,162	\$43,311					
06	FISH & WILDLIFE FACILITIES	\$45,108	\$23,005	51.0%	\$68,114	0.0%	\$45,108	\$23,005	\$68,114	0.0%	\$45,108	\$23,005	\$68,114	\$76,051					
06	FISH & WILDLIFE FACILITIES	\$12,312	\$6,279	51.0%	\$18,591	0.0%	\$12,312	\$6,279	\$18,591	0.0%	\$12,312	\$6,279	\$18,591	\$33,638					
11	LEVEES & FLOODWALLS	\$142,687	\$72,770	51.0%	\$215,457	0.0%	\$142,687	\$72,770	\$215,457	0.0%	\$142,687	\$72,770	\$215,457	\$259,128					
11	LEVEES & FLOODWALLS	\$49,572	\$25,282	51.0%	\$74,853	0.0%	\$49,572	\$25,282	\$74,853	0.0%	\$49,572	\$25,282	\$74,853	\$99,613					
11	LEVEES & FLOODWALLS	\$54,980	\$28,040	51.0%	\$83,020	0.0%	\$54,980	\$28,040	\$83,020	0.0%	\$54,980	\$28,040	\$83,020	\$134,798					
11	LEVEES & FLOODWALLS	\$47,106	\$24,024	51.0%	\$71,131	0.0%	\$47,106	\$24,024	\$71,131	0.0%	\$47,106	\$24,024	\$71,131	\$164,284					
11	LEVEES & FLOODWALLS	\$33,863	\$17,270	51.0%	\$51,132	0.0%	\$33,863	\$17,270	\$51,132	0.0%	\$33,863	\$17,270	\$51,132	\$194,939					
11	LEVEES & FLOODWALLS	\$284,115	\$144,899	51.0%	\$429,013	0.0%	\$284,115	\$144,899	\$429,013	0.0%	\$284,115	\$144,899	\$429,013	\$504,710					
11	LEVEES & FLOODWALLS	\$41,989	\$21,415	51.0%	\$63,404	0.0%	\$41,989	\$21,415	\$63,404	0.0%	\$41,989	\$21,415	\$63,404	\$85,300					
13	PUMPING PLANT	\$604,016	\$308,048	51.0%	\$912,064	0.0%	\$604,016	\$308,048	\$912,064	0.0%	\$604,016	\$308,048	\$912,064	\$1,067,116					
05	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$87,227	\$44,486	51.0%	\$131,713	0.0%	\$87,227	\$44,486	\$131,713	0.0%	\$87,227	\$44,486	\$131,713	\$151,869					
08	ROADS, RAILROADS & BRIDGES	\$0	\$0	-	\$0	-	\$0	\$0	\$0	-	\$0	\$0	\$0	\$0					
09	CHANNELS & CANALS	\$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	0.0%	\$1,605,522	\$690,374	\$2,295,896	\$2,822,099					
18	CULTURAL RESOURCE PRESERVATION	\$13,523	\$5,815	43.0%	\$19,338	0.0%	\$13,523	\$5,815	\$19,338	0.0%	\$13,523	\$5,815	\$19,338	\$23,770					
CONSTRUCTION ESTIMATE TOTALS:																			
01	LANDS AND DAMAGES	\$3,043,319	\$1,422,569	47%	\$4,465,888	0.0%	\$3,043,319	\$1,422,569	\$4,465,888	0.0%	\$3,043,319	\$1,422,569	\$4,465,888	\$5,660,629					
30	PLANNING, ENGINEERING & DESIGN	\$163,226	\$48,307	25.0%	\$241,533	0.0%	\$163,226	\$48,307	\$241,533	0.0%	\$163,226	\$48,307	\$241,533	\$290,542					
31	CONSTRUCTION MANAGEMENT	\$518,642	\$246,374	47.5%	\$765,017	0.0%	\$518,642	\$246,374	\$765,017	0.0%	\$518,642	\$246,374	\$765,017	\$1,023,551					
PROJECT COST TOTALS:		\$4,041,382	\$1,852,847	45.8%	\$5,894,229	0.0%	\$4,041,382	\$1,852,847	\$5,894,229	0.0%	\$4,041,382	\$1,852,847	\$5,894,229	\$7,564,774					

ESTIMATED TOTAL PROJECT COST: \$7,564,774

CHIEF, COST ENGINEERING, Robert Guichet

PROJECT MANAGER, Amy Dixon

CHIEF, REAL ESTATE, Judith Gutierrez

CHIEF, PLANNING, Troy Constance

CHIEF, ENGINEERING, Christopher Dunn

CHIEF, OPERATIONS, Michael Park

CHIEF, CONSTRUCTION, Stuart Waits

CHIEF, CONTRACTING, Cynthia Hall

CHIEF, PM-PB, Brad Inman

CHIEF, DPM, Mark Wingate

GUICHET, ROBERT LEE, JR. 123 Digitally signed by GUICHET, ROBERT LEE, JR. 1230840470
08/04/20
Date: 2024.02.01 13:32:7 -06'00'

DIXON, AMY ASKRENI 1572555 Digitally signed by DIXON, AMY ASKRENI 1572555
08/04/20
Date: 2024.02.01 14:38:20 -06'00'

KLOCK, TODD MICHAEL 1266 Digitally signed by KLOCK, TODD MICHAEL 1266
41/24/67
Date: 2024.02.02 08:32:18 -06'00'

CONSTANCE, TROY, GERA Digitally signed by CONSTANCE, TROY, GERA 1230833415
RD.1 23/08/33415
Date: 2024.02.09 15:15:42 -06'00'

DUNN, CHRISTOPHER LESLIE 1244564618 Digitally signed by DUNN, CHRISTOPHER LESLIE 1244564618
Date: 2024.02.20 10:29:18 -06'00'

WAITS, STUART, SHANE 11209 Digitally signed by WAITS, STUART, SHANE 1120942170
421170
Date: 2024.02.14 11:39:58 -06'00'

**** 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: MWN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

WBS NUMBER	Feature & Sub-Feature Description	ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
		COST (\$K)	CNTG (\$K)	RISK BASED (%)	TOTAL (\$K)	Effective Price Level:	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	Effective Price Level:	INFLATED (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	
Civil Works Work Breakdown Structure																
Estimate Prepared: 7-Nov-23 Effective Price Level: 1-Oct-23																
02	RELOCATIONS	\$1,690	\$862	51.0%	\$2,551	2024	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	1 OCT 23	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	\$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		0.0%	\$16,922	\$8,630	\$25,552		0.0%	\$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	\$254	\$129	51.0%	\$383		0.0%	\$254	\$129	\$383	2073Q1	434.7%	\$1,357	\$692	\$2,049	
1.0%	Project Management	\$169	\$86	51.0%	\$256		0.0%	\$169	\$86	\$256	2073Q1	434.7%	\$905	\$461	\$1,366	
12.0%	Planning & Environmental Compliance	\$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%	Engineering & Design	\$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	\$1,692	\$863	51.0%	\$2,555		0.0%	\$1,692	\$863	\$2,555	2076Q1	482.6%	\$9,858	\$5,028	\$14,886	
10.0%	Construction Management	\$85	\$43	51.0%	\$128		0.0%	\$85	\$43	\$128	2076Q1	482.6%	\$493	\$251	\$744	
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;

DISTRICT: MVN
 POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/19/2023

St. Tammany Main Report

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

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	7-Nov-23 1-Oct-23	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	2024 1 OCT 23	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	
02	RELOCATIONS	\$0	\$0	51.0%	\$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	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	\$0	
11	LEVEES & FLOODWALLS	\$6,941	\$3,540	51.0%	\$10,481	0.0%	\$6,941	\$3,540	\$10,481	\$10,481	2033Q1	26.1%	\$6,753	\$4,464	\$13,218	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$0	
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	\$0	51.0%	\$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		0	0.0%	\$6,753	\$4,464	\$13,218	
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$104	\$63	51.0%	\$157	0.0%	\$104	\$53	\$157	\$157	2031Q2	25.2%	\$130	\$66	\$197	
1.0%	Project Management	\$69	\$35	51.0%	\$105	0.0%	\$69	\$35	\$105	\$105	2031Q2	25.2%	\$87	\$44	\$131	
1.0%	Planning & Environmental Compliance	\$833	\$425	51.0%	\$1,258	0.0%	\$833	\$425	\$1,258	\$1,258	2031Q2	25.2%	\$1,043	\$532	\$1,575	
12.0%	Engineering & Design	\$69	\$35	51.0%	\$105	0.0%	\$69	\$35	\$105	\$105	2031Q2	25.2%	\$87	\$44	\$131	
1.0%	Reviews, ATRs, IEPFRs, VE	\$35	\$18	51.0%	\$52	0.0%	\$35	\$18	\$52	\$52	2031Q2	25.2%	\$43	\$22	\$66	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$35	\$18	51.0%	\$52	0.0%	\$35	\$18	\$52	\$52	2031Q2	25.2%	\$43	\$22	\$66	
0.5%	Contracting & Reprographics	\$139	\$71	51.0%	\$210	0.0%	\$139	\$71	\$210	\$210	2033Q1	32.0%	\$183	\$93	\$277	
2.0%	Engineering During Construction	\$69	\$35	51.0%	\$105	0.0%	\$69	\$35	\$105	\$105	2033Q1	32.0%	\$92	\$47	\$138	
1.0%	Planning During Construction	\$35	\$18	51.0%	\$52	0.0%	\$35	\$18	\$52	\$52	2039Q1	101.0%	\$70	\$36	\$105	
0.5%	Adaptive Management & Monitoring	\$35	\$18	51.0%	\$52	0.0%	\$35	\$18	\$52	\$52	2031Q2	25.2%	\$43	\$22	\$66	
0.5%	Project Operations															
31	CONSTRUCTION MANAGEMENT	\$694	\$354	51.0%	\$1,048	0.0%	\$694	\$354	\$1,048	\$1,048	2033Q1	32.0%	\$916	\$467	\$1,383	
10.0%	Construction Management	\$35	\$18	51.0%	\$52	0.0%	\$35	\$18	\$52	\$52	2033Q1	32.0%	\$46	\$23	\$69	
0.5%	Project Operation:	\$35	\$18	51.0%	\$52	0.0%	\$35	\$18	\$52	\$52	2033Q1	32.0%	\$46	\$23	\$69	
0.5%	Project Management															
CONTRACT COST TOTALS:		\$9,127	\$4,655		\$13,782		\$9,127	\$4,655	\$13,782				\$11,563	\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)						
WBS NUMBER	Civil Works Feature & Sub-Feature Description	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	Program Year (Budget EC): Effective Price Level Date:	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	Inflated (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
A	B	C	D	E	F	G	H	I	J	2024 1 OCT 23		M	N	O				
02	West Terminus to Bayou Paquet-2nd Lift																	
06	RELOCATIONS	\$0	\$0	51.0%	\$0	0.0%	\$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	0.0%	\$0	\$0	\$0
11	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	0.0%	\$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	0.0%	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	0.0%	\$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	\$5,387	\$16,542				
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	0.0%	\$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	0.0%	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	0.0%	\$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	0.0%	\$0	\$0	\$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	\$0	51.0%	\$0	0.0%	\$0	\$0	\$0		0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0
CONSTRUCTION ESTIMATE TOTALS:		\$7,640	\$3,897	51.0%	\$11,537		\$7,640	\$3,897	\$11,537			\$10,955	\$5,387	\$16,542				
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$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	\$68	51.0%	\$173	0.0%	\$115	\$68	\$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				
0.5%	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%	\$1,480	\$760	\$2,240				
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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/19/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER A	Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:					Program Year (Budget EC): Effective Price Level Date:					Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	2024 1 OCT 23						
02	RELOCATIONS	\$0	\$0	51.0%	\$0	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	\$0	\$0
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	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	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	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	\$17,095	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	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	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	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	\$0	\$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	\$0	51.0%	\$0	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
CONSTRUCTION ESTIMATE TOTALS:		\$5,619	\$2,866	51.0%	\$8,484	0.0%	\$5,619	\$2,866	\$8,484	0	0.0%	\$11,322	\$5,774	\$17,095	\$17,095	
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN	\$84	\$43	51.0%	\$127	0.0%	\$84	\$43	\$127	2050Q1	177.0%	\$233	\$119	\$353	\$353	
1.0%	Project Management	\$56	\$29	51.0%	\$85	0.0%	\$56	\$29	\$85	2050Q1	177.0%	\$156	\$79	\$235	\$235	
12.0%	Planning & Environmental Compliance	\$674	\$344	51.0%	\$1,018	0.0%	\$674	\$344	\$1,018	2050Q1	177.0%	\$1,868	\$953	\$2,821	\$2,821	
1.0%	Engineering & Design	\$56	\$29	51.0%	\$85	0.0%	\$56	\$29	\$85	2050Q1	177.0%	\$156	\$79	\$235	\$235	
0.5%	Reviews, ATRs, IEPFRs, VE	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2050Q1	177.0%	\$78	\$40	\$118	\$118	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2050Q1	177.0%	\$78	\$40	\$118	\$118	
2.0%	Contracting & Reprographics	\$112	\$57	51.0%	\$170	0.0%	\$112	\$57	\$170	2051Q2	187.1%	\$323	\$165	\$487	\$487	
1.0%	Engineering During Construction	\$56	\$29	51.0%	\$85	0.0%	\$56	\$29	\$85	2051Q2	187.1%	\$161	\$82	\$244	\$244	
0.5%	Planning During Construction	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2051Q1	238.4%	\$95	\$48	\$144	\$144	
0.5%	Adaptive Management & Monitoring	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2050Q1	177.0%	\$78	\$40	\$118	\$118	
0.5%	Project Operations	\$562	\$287	51.0%	\$848	0.0%	\$562	\$287	\$848	2051Q2	187.1%	\$1,613	\$823	\$2,436	\$2,436	
10.0%	Construction Management	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2051Q2	187.1%	\$81	\$41	\$122	\$122	
0.5%	Project Operation:	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2051Q2	187.1%	\$81	\$41	\$122	\$122	
0.5%	Project Management	\$7,389	\$3,768	51.0%	\$11,157	0.0%	\$7,389	\$3,768	\$11,157	0	0.0%	\$16,321	\$8,324	\$24,645	\$24,645	
CONTRACT COST TOTALS:		\$7,389	\$3,768	51.0%	\$11,157	0.0%	\$7,389	\$3,768	\$11,157	0	0.0%	\$16,321	\$8,324	\$24,645	\$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: 11/19/2023

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mile-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)		
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)							
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	\$5,132	\$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	0	0.0%	\$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	\$77	\$39	51.0%	\$116	0.0%	\$77	\$39	\$116	2075Q1	466.1%	\$436	\$222	\$658		
1.0%	Project Management	\$51	\$26	51.0%	\$77	0.0%	\$51	\$26	\$77	2075Q1	466.1%	\$291	\$148	\$439		
12.0%	Planning & Environmental Compliance	\$616	\$314	51.0%	\$930	0.0%	\$616	\$314	\$930	2075Q1	466.1%	\$3,487	\$1,778	\$5,265		
1.0%	Engineering & Design	\$51	\$26	51.0%	\$77	0.0%	\$51	\$26	\$77	2075Q1	466.1%	\$291	\$148	\$439		
0.5%	Reviews, ATRs, IEPFRs, VE	\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2075Q1	466.1%	\$145	\$74	\$219		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2075Q1	466.1%	\$145	\$74	\$219		
2.0%	Contracting & Reprographics	\$103	\$52	51.0%	\$155	0.0%	\$103	\$52	\$155	2076Q2	486.7%	\$602	\$307	\$909		
1.0%	Engineering During Construction	\$51	\$26	51.0%	\$77	0.0%	\$51	\$26	\$77	2076Q2	486.7%	\$301	\$154	\$455		
0.5%	Planning During Construction	\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2082Q1	591.6%	\$177	\$91	\$268		
0.5%	Adaptive Management & Monitoring	\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2075Q1	466.1%	\$145	\$74	\$219		
0.5%	Project Operations															
31	CONSTRUCTION MANAGEMENT	\$513	\$262	51.0%	\$775	0.0%	\$513	\$262	\$775	2076Q2	486.7%	\$3,011	\$1,536	\$4,547		
10.0%	Construction Management	\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2076Q2	486.7%	\$151	\$77	\$227		
0.5%	Project Operation:	\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2076Q2	486.7%	\$151	\$77	\$227		
0.5%	Project Management															
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: 11/19/2023

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER A	Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mid-Point Date P	INFLATED (%) L	COST (\$/K) M	CNTG (\$/K) N	FULL (\$/K) O
		COST (\$/K) C	CNTG (%) D	COST (\$/K) E	CNTG (%) F	COST (\$/K) G	CNTG (%) H	COST (\$/K) I	TOTAL (\$/K) J					
Bayou Paquet to Bayou Liberty														
02	RELOCATIONS	\$235	51.0%	\$355	51.0%	\$120	51.0%	\$235	51.0%	2031Q1	19.8%	\$282	\$144	\$425
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	51.0%	\$0	51.0%	\$0	51.0%	0	0.0%	\$0	\$0	\$0
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	51.0%	\$0	51.0%	\$0	51.0%	0	0.0%	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$12,590	51.0%	\$19,011	51.0%	\$6,421	51.0%	\$12,590	51.0%	2031Q1	19.8%	\$15,083	\$7,692	\$22,776
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	51.0%	\$0	51.0%	\$0	51.0%	0	0.0%	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	51.0%	\$0	51.0%	\$0	51.0%	0	0.0%	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	51.0%	\$0	51.0%	\$0	51.0%	0	0.0%	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$41,803	51.0%	\$63,123	51.0%	\$21,320	51.0%	\$41,803	51.0%	2031Q2	20.6%	\$50,411	\$25,710	\$76,120
11	LEVEES & FLOODWALLS	\$4,637	51.0%	\$7,002	51.0%	\$2,365	51.0%	\$4,637	51.0%	2031Q2	20.6%	\$5,592	\$2,852	\$8,444
13	PUMPING PLANT	\$103,346	51.0%	\$156,052	51.0%	\$52,706	51.0%	\$103,346	51.0%	2031Q2	20.6%	\$124,625	\$63,559	\$188,184
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	51.0%	\$0	51.0%	\$0	51.0%	0	0.0%	\$0	\$0	\$0
CONSTRUCTION ESTIMATE TOTALS:		\$162,611	51.0%	\$245,543	51.0%	\$82,932	51.0%	\$162,611	51.0%			\$165,993	\$99,957	\$295,950
01	LANDS AND DAMAGES	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN	\$2,439	51.0%	\$3,683	51.0%	\$1,244	51.0%	\$2,439	51.0%	2027Q1	10.1%	\$2,686	\$1,270	\$4,055
1.0%	Project Management	\$1,626	51.0%	\$2,455	51.0%	\$829	51.0%	\$1,626	51.0%	2027Q1	10.1%	\$1,790	\$913	\$2,704
12.0%	Planning & Environmental Compliance	\$19,513	51.0%	\$29,465	51.0%	\$9,952	51.0%	\$19,513	51.0%	2027Q1	10.1%	\$21,485	\$10,957	\$32,442
7.0%	Engineering & Design	\$1,626	51.0%	\$2,455	51.0%	\$829	51.0%	\$1,626	51.0%	2027Q1	10.1%	\$1,790	\$913	\$2,704
0.5%	Reviews, ATRs, IEPRs, VE	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2027Q1	10.1%	\$895	\$457	\$1,352
0.5%	Life Cycle Updates (cost, schedule, risks)	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2027Q1	10.1%	\$895	\$457	\$1,352
2.0%	Contracting & Reographics	\$3,252	51.0%	\$4,911	51.0%	\$1,659	51.0%	\$3,252	51.0%	2031Q2	25.2%	\$4,073	\$2,077	\$6,150
1.0%	Engineering During Construction	\$1,626	51.0%	\$2,455	51.0%	\$829	51.0%	\$1,626	51.0%	2031Q2	25.2%	\$2,036	\$1,039	\$3,075
0.5%	Planning During Construction	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2038Q1	95.0%	\$1,585	\$808	\$2,394
0.5%	Adaptive Management & Monitoring	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2027Q1	10.1%	\$895	\$457	\$1,352
0.5%	Project Operations	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2027Q1	10.1%	\$895	\$457	\$1,352
31	CONSTRUCTION MANAGEMENT	\$16,261	51.0%	\$24,554	51.0%	\$8,293	51.0%	\$16,261	51.0%	2031Q2	25.2%	\$20,363	\$10,385	\$30,748
10.0%	Construction Management	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2031Q2	25.2%	\$1,018	\$519	\$1,537
0.5%	Project Operation:	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2031Q2	25.2%	\$1,018	\$519	\$1,537
0.5%	Project Management	\$813	51.0%	\$1,228	51.0%	\$415	51.0%	\$813	51.0%	2031Q2	25.2%	\$1,018	\$519	\$1,537
CONTRACT COST TOTALS:		\$213,834	51.0%	\$322,889	51.0%	\$109,055	51.0%	\$213,834	51.0%			\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	A Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O		
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J							
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	0	0.0%	\$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	\$73	\$37	51.0%	\$111	0.0%	\$73	\$37	\$111	2032Q1	28.0%	\$94	\$48	\$142		
1.0%	Project Management	\$49	\$25	51.0%	\$74	0.0%	\$49	\$25	\$74	2032Q1	28.0%	\$63	\$32	\$95		
12.0%	Planning & Environmental Compliance	\$587	\$300	51.0%	\$887	0.0%	\$587	\$300	\$887	2032Q1	28.0%	\$752	\$384	\$1,136		
1.0%	Engineering & Design	\$49	\$25	51.0%	\$74	0.0%	\$49	\$25	\$74	2032Q1	28.0%	\$63	\$32	\$95		
0.5%	Reviews, ATRs, IEPFRs, VE	\$24	\$12	51.0%	\$37	0.0%	\$24	\$12	\$37	2032Q1	28.0%	\$31	\$16	\$47		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$24	\$12	51.0%	\$37	0.0%	\$24	\$12	\$37	2032Q1	28.0%	\$31	\$16	\$47		
2.0%	Contracting & Reprographics	\$98	\$50	51.0%	\$148	0.0%	\$98	\$50	\$148	2033Q2	33.0%	\$130	\$66	\$197		
2.0%	Engineering During Construction	\$49	\$25	51.0%	\$74	0.0%	\$49	\$25	\$74	2033Q2	33.0%	\$65	\$33	\$98		
1.0%	Planning During Construction	\$24	\$12	51.0%	\$37	0.0%	\$24	\$12	\$37	2039Q1	101.0%	\$49	\$25	\$74		
0.5%	Adaptive Management & Monitoring	\$24	\$12	51.0%	\$37	0.0%	\$24	\$12	\$37	2032Q1	28.0%	\$31	\$16	\$47		
0.5%	Project Operations	\$24	\$12	51.0%	\$37	0.0%	\$24	\$12	\$37	2032Q1	28.0%	\$31	\$16	\$47		
31	CONSTRUCTION MANAGEMENT	\$480	\$250	51.0%	\$739	0.0%	\$480	\$250	\$739	2033Q2	33.0%	\$651	\$332	\$983		
10.0%	Construction Management	\$24	\$12	51.0%	\$37	0.0%	\$24	\$12	\$37	2033Q2	33.0%	\$33	\$17	\$49		
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)					
WBS NUMBER	A Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O	
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	ESC (%) K	COST (\$K) L	CNTG (\$K) M	TOTAL (\$K) N						
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$8,473	51.0%	0.0%	\$5,611	\$2,862	\$8,473	\$8,473	2038Q2	44.3%	\$8,098	\$4,130	\$12,229		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
13	PUMPING PLANT	\$0	\$0	51.0%	\$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	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	\$8,473	51.0%	0.0%	\$5,611	\$2,862	\$8,473	\$8,473	0	0.0%	\$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	0.0%	\$0	\$0	\$0		
30	PLANNING, ENGINEERING & DESIGN	\$84	\$43	51.0%	\$127	\$127	51.0%	0.0%	\$84	\$43	\$127	\$127	2037Q1	89.1%	\$159	\$81	\$240		
1.0%	Project Management	\$56	\$29	51.0%	\$85	\$85	51.0%	0.0%	\$56	\$29	\$85	\$85	2037Q1	89.1%	\$106	\$54	\$160		
1.0%	Planning & Environmental Compliance	\$673	\$343	51.0%	\$1,017	\$1,017	51.0%	0.0%	\$673	\$343	\$1,017	\$1,017	2037Q1	89.1%	\$1,273	\$649	\$1,923		
12.0%	Engineering & Design	\$56	\$29	51.0%	\$85	\$85	51.0%	0.0%	\$56	\$29	\$85	\$85	2037Q1	89.1%	\$106	\$54	\$160		
1.0%	Reviews, ATRs, IEPRs, VE	\$28	\$14	51.0%	\$42	\$42	51.0%	0.0%	\$28	\$14	\$42	\$42	2037Q1	89.1%	\$53	\$27	\$80		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$28	\$14	51.0%	\$42	\$42	51.0%	0.0%	\$28	\$14	\$42	\$42	2037Q1	89.1%	\$53	\$27	\$80		
0.5%	Contracting & Reprographics	\$112	\$57	51.0%	\$169	\$169	51.0%	0.0%	\$112	\$57	\$169	\$169	2038Q2	96.4%	\$220	\$112	\$333		
2.0%	Engineering During Construction	\$56	\$29	51.0%	\$85	\$85	51.0%	0.0%	\$56	\$29	\$85	\$85	2038Q2	96.4%	\$110	\$56	\$166		
1.0%	Planning During Construction	\$28	\$14	51.0%	\$42	\$42	51.0%	0.0%	\$28	\$14	\$42	\$42	2044Q1	133.4%	\$65	\$33	\$99		
0.5%	Adaptive Management & Monitoring	\$28	\$14	51.0%	\$42	\$42	51.0%	0.0%	\$28	\$14	\$42	\$42	2037Q1	89.1%	\$53	\$27	\$80		
0.5%	Project Operations	\$561	\$286	51.0%	\$847	\$847	51.0%	0.0%	\$561	\$286	\$847	\$847	2038Q2	96.4%	\$1,102	\$562	\$1,664		
10.0%	Construction Management	\$28	\$14	51.0%	\$42	\$42	51.0%	0.0%	\$28	\$14	\$42	\$42	2038Q2	96.4%	\$55	\$28	\$83		
0.5%	Project Operation:	\$28	\$14	51.0%	\$42	\$42	51.0%	0.0%	\$28	\$14	\$42	\$42	2038Q2	96.4%	\$55	\$28	\$83		
0.5%	Project Management	\$7,379	\$3,763	51.0%	\$11,142	\$11,142	51.0%	0.0%	\$7,379	\$3,763	\$11,142	\$11,142	0	0.0%	\$11,511	\$5,871	\$17,382		
CONTRACT COST TOTALS:		\$7,379	\$3,763	51.0%	\$11,142	\$11,142	51.0%	0.0%	\$7,379	\$3,763	\$11,142	\$11,142	0	0.0%	\$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;

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PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	A Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mile-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O		
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J							
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	\$4,591	\$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	\$69	\$35	51.0%	\$104	0.0%	\$69	\$35	\$104	2050Q1	177.0%	\$191	\$97	\$288		
1.0%	Project Management	\$46	\$23	51.0%	\$69	0.0%	\$46	\$23	\$69	2050Q1	177.0%	\$127	\$65	\$192		
12.0%	Planning & Environmental Compliance	\$551	\$281	51.0%	\$832	0.0%	\$551	\$281	\$832	2050Q1	177.0%	\$1,526	\$778	\$2,304		
1.0%	Engineering & Design	\$46	\$23	51.0%	\$69	0.0%	\$46	\$23	\$69	2050Q1	177.0%	\$127	\$65	\$192		
0.5%	Reviews, ATRs, IEPFRs, VE	\$23	\$12	51.0%	\$35	0.0%	\$23	\$12	\$35	2050Q1	177.0%	\$64	\$32	\$96		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$23	\$12	51.0%	\$35	0.0%	\$23	\$12	\$35	2050Q1	177.0%	\$64	\$32	\$96		
2.0%	Contracting & Reprographics	\$92	\$47	51.0%	\$139	0.0%	\$92	\$47	\$139	2051Q2	187.1%	\$264	\$134	\$398		
1.0%	Engineering During Construction	\$46	\$23	51.0%	\$69	0.0%	\$46	\$23	\$69	2051Q2	187.1%	\$132	\$67	\$199		
0.5%	Planning During Construction	\$23	\$12	51.0%	\$35	0.0%	\$23	\$12	\$35	2051Q1	238.4%	\$78	\$40	\$117		
0.5%	Adaptive Management & Monitoring	\$23	\$12	51.0%	\$35	0.0%	\$23	\$12	\$35	2050Q1	177.0%	\$64	\$32	\$96		
0.5%	Project Operations	\$23	\$12	51.0%	\$35	0.0%	\$23	\$12	\$35	2050Q1	177.0%	\$64	\$32	\$96		
31	CONSTRUCTION MANAGEMENT	\$459	\$234	51.0%	\$693	0.0%	\$459	\$234	\$693	2051Q2	187.1%	\$1,318	\$672	\$1,990		
10.0%	Construction Management	\$23	\$12	51.0%	\$35	0.0%	\$23	\$12	\$35	2051Q2	187.1%	\$66	\$34	\$100		
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)					
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	TOTAL (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)						CNTG (\$K)
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	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	\$5,653	51.0%	\$3,743	\$1,909	\$5,653	\$5,653	0.0%	\$3,743	\$1,909	\$5,653	\$5,653	\$21,637	\$21,637	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
13	PUMPING PLANT	\$0	\$0	51.0%	\$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	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	\$5,653	51.0%	\$3,743	\$1,909	\$5,653	\$5,653	0.0%	\$3,743	\$1,909	\$5,653	\$5,653	\$21,637	\$21,637	
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$56	\$29	51.0%	\$85	\$85	51.0%	\$56	\$29	\$85	\$85	0.0%	\$56	\$29	\$85	\$85	\$162	\$480	
1.0%	Project Management	\$37	\$19	51.0%	\$57	\$57	51.0%	\$37	\$19	\$57	\$57	0.0%	\$37	\$19	\$57	\$57	\$108	\$320	
1.0%	Planning & Environmental Compliance	\$449	\$229	51.0%	\$678	\$678	51.0%	\$449	\$229	\$678	\$678	0.0%	\$449	\$229	\$678	\$678	\$1,297	\$3,840	
12.0%	Engineering & Design	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$54	\$160	
0.5%	Reviews, ATRs, IEPFRs, VE	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$54	\$160	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$54	\$160	
0.5%	Contracting & Reprographics	\$75	\$38	51.0%	\$113	\$113	51.0%	\$75	\$38	\$113	\$113	0.0%	\$75	\$38	\$113	\$113	\$224	\$663	
2.0%	Engineering During Construction	\$37	\$19	51.0%	\$57	\$57	51.0%	\$37	\$19	\$57	\$57	0.0%	\$37	\$19	\$57	\$57	\$112	\$332	
1.0%	Planning During Construction	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$66	\$195	
0.5%	Adaptive Management & Monitoring	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$66	\$195	
0.5%	Project Operations	\$374	\$191	51.0%	\$565	\$565	51.0%	\$374	\$191	\$565	\$565	0.0%	\$374	\$191	\$565	\$565	\$1,120	\$3,316	
31	CONSTRUCTION MANAGEMENT	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$56	\$166	
10.0%	Construction Management	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$56	\$166	
0.5%	Project Operation:	\$19	\$10	51.0%	\$28	\$28	51.0%	\$19	\$10	\$28	\$28	0.0%	\$19	\$10	\$28	\$28	\$56	\$166	
0.5%	Project Management	\$4,923	\$2,511		\$7,433	\$7,433		\$4,923	\$2,511	\$7,433	\$7,433		\$4,923	\$2,511	\$7,433	\$7,433	\$10,779	\$31,915	
CONTRACT COST TOTALS:		\$4,923	\$2,511		\$7,433	\$7,433		\$4,923	\$2,511	\$7,433	\$7,433		\$4,923	\$2,511	\$7,433	\$7,433	\$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 CHIEF, COST ENGINEERING, Robert Guichet
 POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared: 7-Nov-23 Effective Price Level: 1-Oct-23				Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23				FULLY FUNDED PROJECT ESTIMATE				
		COST (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	INFLATED (%)	COST (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)
02	RELOCATIONS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
11	LEVEES & FLOODWALLS	\$14,899	51.0%	\$22,497	0.0%	\$14,899	51.0%	\$22,497	0.0%	\$14,899	51.0%	\$17,397	16.8%	\$8,873
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
13	PUMPING PLANT	\$326,597	51.0%	\$493,162	0.0%	\$326,597	51.0%	\$493,162	0.0%	\$326,597	51.0%	\$381,362	16.8%	\$194,495
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0	51.0%	\$0	0.0%	\$0
CONSTRUCTION ESTIMATE TOTALS:		\$341,496	51.0%	\$515,659	0.0%	\$341,496	51.0%	\$515,659	0.0%	\$341,496	51.0%	\$398,760	16.8%	\$203,357
01	LANDS AND DAMAGES	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0
30	PLANNING, ENGINEERING & DESIGN	\$5,122	51.0%	\$7,735	0.0%	\$5,122	51.0%	\$7,735	0.0%	\$5,122	51.0%	\$5,555	8.4%	\$2,833
1.5%	Project Management	\$3,415	51.0%	\$5,157	0.0%	\$3,415	51.0%	\$5,157	0.0%	\$3,415	51.0%	\$3,703	8.4%	\$1,889
12.0%	Planning & Environmental Compliance	\$40,980	51.0%	\$61,879	0.0%	\$40,980	51.0%	\$61,879	0.0%	\$40,980	51.0%	\$44,436	8.4%	\$22,653
1.0%	Engineering & Design	\$3,415	51.0%	\$5,157	0.0%	\$3,415	51.0%	\$5,157	0.0%	\$3,415	51.0%	\$3,703	8.4%	\$1,889
0.5%	Reviews, ATRs, IEPRs, VE	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$1,852	8.4%	\$944
0.5%	Life Cycle Updates (cost, schedule, risks)	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$1,852	8.4%	\$944
0.5%	Contracting & Reprographics	\$6,830	51.0%	\$10,313	0.0%	\$6,830	51.0%	\$10,313	0.0%	\$6,830	51.0%	\$8,235	20.6%	\$4,200
2.0%	Engineering During Construction	\$3,415	51.0%	\$5,157	0.0%	\$3,415	51.0%	\$5,157	0.0%	\$3,415	51.0%	\$4,118	20.6%	\$2,100
1.0%	Planning During Construction	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,229	88.1%	\$1,617
0.5%	Adaptive Management & Monitoring	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$1,852	8.4%	\$944
0.5%	Project Operations	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$1,852	8.4%	\$944
31	CONSTRUCTION MANAGEMENT	\$34,150	51.0%	\$51,566	0.0%	\$34,150	51.0%	\$51,566	0.0%	\$34,150	51.0%	\$41,176	20.6%	\$21,000
10.0%	Construction Management	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	20.6%	\$1,050
0.5%	Project Operation:	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	20.6%	\$1,050
0.5%	Project Management	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	0.0%	\$1,707	51.0%	\$2,578	20.6%	\$1,050
CONTRACT COST TOTALS:		\$449,068	229.025	\$678,092	0.0%	\$449,068	229.025	\$678,092	0.0%	\$449,068	229.025	\$529,586	18.4%	\$266,519
CONTRACT COST TOTALS:		\$449,068	229.025	\$678,092	0.0%	\$449,068	229.025	\$678,092	0.0%	\$449,068	229.025	\$529,586	18.4%	\$266,519

***** 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)					
WBS NUMBER A	Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O	
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	ESC (%) K	COST (\$K) L	CNTG (\$K) M	TOTAL (\$K) N						
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	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	\$2,788	51.0%	0.0%	\$5,466	\$2,788	\$8,254	\$8,254	2032Q2	23.7%	\$6,763	\$3,449	\$10,213		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
13	PUMPING PLANT	\$0	\$0	51.0%	\$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	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	\$2,788	51.0%	0.0%	\$5,466	\$2,788	\$8,254	\$8,254	0	0.0%	\$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	0.0%	\$0	\$0	\$0		
30	PLANNING, ENGINEERING & DESIGN	\$82	\$42	51.0%	\$124	\$42	51.0%	0.0%	\$82	\$42	\$124	\$124	2031Q1	24.3%	\$102	\$52	\$154		
1.0%	Project Management	\$55	\$28	51.0%	\$83	\$28	51.0%	0.0%	\$55	\$28	\$83	\$83	2031Q1	24.3%	\$68	\$35	\$103		
12.0%	Planning & Environmental Compliance	\$666	\$335	51.0%	\$991	\$335	51.0%	0.0%	\$666	\$335	\$991	\$991	2031Q1	24.3%	\$815	\$416	\$1,231		
1.0%	Engineering & Design	\$55	\$28	51.0%	\$83	\$28	51.0%	0.0%	\$55	\$28	\$83	\$83	2031Q1	24.3%	\$68	\$35	\$103		
0.5%	Reviews, ATRs, IEPRs, VE	\$27	\$14	51.0%	\$41	\$14	51.0%	0.0%	\$27	\$14	\$41	\$41	2031Q1	24.3%	\$34	\$17	\$51		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$27	\$14	51.0%	\$41	\$14	51.0%	0.0%	\$27	\$14	\$41	\$41	2031Q1	24.3%	\$34	\$17	\$51		
2.0%	Contracting & Reprographics	\$109	\$56	51.0%	\$165	\$56	51.0%	0.0%	\$109	\$56	\$165	\$165	2032Q2	29.0%	\$141	\$72	\$213		
1.0%	Engineering During Construction	\$55	\$28	51.0%	\$83	\$28	51.0%	0.0%	\$55	\$28	\$83	\$83	2032Q2	29.0%	\$71	\$36	\$106		
1.0%	Planning During Construction	\$27	\$14	51.0%	\$41	\$14	51.0%	0.0%	\$27	\$14	\$41	\$41	2036Q1	95.0%	\$53	\$27	\$80		
0.5%	Adaptive Management & Monitoring	\$27	\$14	51.0%	\$41	\$14	51.0%	0.0%	\$27	\$14	\$41	\$41	2031Q1	24.3%	\$34	\$17	\$51		
0.5%	Project Operations	\$547	\$279	51.0%	\$825	\$279	51.0%	0.0%	\$547	\$279	\$825	\$825	2032Q2	29.0%	\$705	\$360	\$1,065		
10.0%	Construction Management	\$27	\$14	51.0%	\$41	\$14	51.0%	0.0%	\$27	\$14	\$41	\$41	2032Q2	29.0%	\$35	\$18	\$53		
0.5%	Project Operation:	\$27	\$14	51.0%	\$41	\$14	51.0%	0.0%	\$27	\$14	\$41	\$41	2032Q2	29.0%	\$35	\$18	\$53		
0.5%	Project Management	\$7,188	\$3,666	51.0%	\$10,854	\$3,666	51.0%	0.0%	\$7,188	\$3,666	\$10,854	\$10,854	0	0.0%	\$8,959	\$4,569	\$13,528		
CONTRACT COST TOTALS:		\$7,188	\$3,666	51.0%	\$10,854	\$3,666	51.0%	0.0%	\$7,188	\$3,666	\$10,854	\$10,854	0	0.0%	\$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;

DISTRICT: MVN
 POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

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

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
		COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)					
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O
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	\$5,305	\$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	0.0%	\$5,305	\$2,706	\$8,011	0	0.0%	\$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	\$80	\$41	51.0%	\$120	0.0%	\$80	\$41	\$120	2050Q1	177.0%	\$220	\$112	\$333
1.0%	Project Management	\$53	\$27	51.0%	\$80	0.0%	\$53	\$27	\$80	2050Q1	177.0%	\$147	\$75	\$222
1.0%	Planning & Environmental Compliance	\$637	\$325	51.0%	\$961	0.0%	\$637	\$325	\$961	2050Q1	177.0%	\$1,764	\$899	\$2,663
12.0%	Engineering & Design	\$53	\$27	51.0%	\$80	0.0%	\$53	\$27	\$80	2050Q1	177.0%	\$147	\$75	\$222
1.0%	Reviews, ATRs, IEPRs, VE	\$27	\$14	51.0%	\$40	0.0%	\$27	\$14	\$40	2050Q1	177.0%	\$73	\$37	\$111
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	\$106	\$54	51.0%	\$160	0.0%	\$106	\$54	\$160	2051Q2	187.1%	\$305	\$155	\$460
2.0%	Engineering During Construction	\$53	\$27	51.0%	\$80	0.0%	\$53	\$27	\$80	2051Q2	187.1%	\$152	\$78	\$230
1.0%	Planning During Construction	\$27	\$14	51.0%	\$40	0.0%	\$27	\$14	\$40	2051Q1	238.4%	\$80	\$46	\$136
0.5%	Adaptive Management & Monitoring	\$27	\$14	51.0%	\$40	0.0%	\$27	\$14	\$40	2051Q1	238.4%	\$80	\$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	\$531	\$271	51.0%	\$801	0.0%	\$531	\$271	\$801	2051Q2	187.1%	\$1,523	\$777	\$2,300
10.0%	Construction Management	\$27	\$14	51.0%	\$40	0.0%	\$27	\$14	\$40	2051Q2	187.1%	\$76	\$39	\$115
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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	TOTAL (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)						CNTG (\$K)
A	B																		
	Bayou Liberty to Bayou Bonfouca-4th Lift																		
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$4,189	\$2,136	\$6,326	\$4,189	\$2,136	\$6,326	0.0%	\$4,189	\$2,136	\$6,326	\$16,035	\$8,178	\$24,213	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
13	PUMPING PLANT	\$0	\$0	51.0%	\$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	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	\$4,189	\$2,136	\$6,326	0.0%	\$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	\$0	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$63	\$32	51.0%	\$95	\$63	\$32	\$95	\$63	\$32	\$95	0.0%	\$63	\$32	\$95	\$356	\$181	\$537	
1.0%	Project Management	\$42	\$21	51.0%	\$63	\$42	\$21	\$63	\$42	\$21	\$63	0.0%	\$42	\$21	\$63	\$237	\$121	\$358	
12.0%	Planning & Environmental Compliance	\$503	\$256	51.0%	\$759	\$503	\$256	\$759	\$503	\$256	\$759	0.0%	\$503	\$256	\$759	\$2,846	\$1,451	\$4,297	
1.0%	Engineering & Design	\$42	\$21	51.0%	\$63	\$42	\$21	\$63	\$42	\$21	\$63	0.0%	\$42	\$21	\$63	\$237	\$121	\$358	
0.5%	Reviews, ATRs, IEPFRs, VE	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$119	\$60	\$179	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$119	\$60	\$179	
2.0%	Contracting & Reprographics	\$84	\$43	51.0%	\$127	\$84	\$43	\$127	\$84	\$43	\$127	0.0%	\$84	\$43	\$127	\$492	\$251	\$742	
2.0%	Engineering During Construction	\$42	\$21	51.0%	\$63	\$42	\$21	\$63	\$42	\$21	\$63	0.0%	\$42	\$21	\$63	\$246	\$125	\$371	
1.0%	Planning During Construction	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$145	\$74	\$219	
0.5%	Adaptive Management & Monitoring	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$145	\$74	\$219	
0.5%	Project Operations	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$119	\$60	\$179	
31	CONSTRUCTION MANAGEMENT	\$419	\$214	51.0%	\$633	\$419	\$214	\$633	\$419	\$214	\$633	0.0%	\$419	\$214	\$633	\$2,458	\$1,253	\$3,711	
10.0%	Construction Management	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$123	\$63	\$186	
0.5%	Project Operation:	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$123	\$63	\$186	
0.5%	Project Management	\$21	\$11	51.0%	\$32	\$21	\$11	\$32	\$21	\$11	\$32	0.0%	\$21	\$11	\$32	\$123	\$63	\$186	
CONTRACT COST TOTALS:		\$5,509	\$2,809		\$8,318	\$5,509	\$2,809	\$8,318	\$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 CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	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:			Effective Price Level Date: 1 OCT 23			FULLY FUNDED PROJECT ESTIMATE					
		COST (\$K)	CNTG (%)	TOTAL (\$K)	COST (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (%)	TOTAL (\$K)	INFLATED (%)	COST (\$K)	CNTG (%)	TOTAL (\$K)				
02	RELOCATIONS	\$338	51.0%	\$510	0.0%	\$338	0.0%	\$172	0.0%	\$510	12.4%	\$380	0.0%	\$194	\$574				
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
06	FISH & WILDLIFE FACILITIES	\$4,834	51.0%	\$7,299	0.0%	\$4,834	0.0%	\$2,465	0.0%	\$7,299	23.7%	\$5,960	0.0%	\$3,050	\$9,030				
11	LEVEES & FLOODWALLS	\$38,203	51.0%	\$57,687	0.0%	\$38,203	0.0%	\$19,484	0.0%	\$57,687	26.1%	\$48,180	0.0%	\$24,572	\$72,752				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$3,944	51.0%	\$5,955	0.0%	\$3,944	0.0%	\$2,011	0.0%	\$5,955	13.8%	\$4,488	0.0%	\$2,289	\$6,778				
13	PUMPING PLANT	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	0.0%	\$0	\$0				
01	LANDS AND DAMAGES	\$47,319	51.0%	\$71,452	0.0%	\$47,319	0.0%	\$24,133	0.0%	\$71,452	0.0%	\$59,029	0.0%	\$30,105	\$89,134				
30	PLANNING, ENGINEERING & DESIGN	\$710	51.0%	\$1,072	0.0%	\$710	0.0%	\$362	0.0%	\$1,072	6.8%	\$758	6.8%	\$387	\$1,145				
1.5%	Project Management	\$473	51.0%	\$715	0.0%	\$473	0.0%	\$241	0.0%	\$715	6.8%	\$505	6.8%	\$258	\$763				
12.0%	Planning & Environmental Compliance	\$5,678	51.0%	\$8,574	0.0%	\$5,678	0.0%	\$2,896	0.0%	\$8,574	6.8%	\$6,064	6.8%	\$3,093	\$9,157				
1.0%	Engineering & Design	\$473	51.0%	\$715	0.0%	\$473	0.0%	\$241	0.0%	\$715	6.8%	\$505	6.8%	\$258	\$763				
1.0%	Reviews, ATRs, IEPRs, VE	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	6.8%	\$253	6.8%	\$129	\$382				
0.5%	Life Cycle Updates (cost, schedule, risks)	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	6.8%	\$253	6.8%	\$129	\$382				
0.5%	Contracting & Reprographics	\$946	51.0%	\$1,429	0.0%	\$946	0.0%	\$483	0.0%	\$1,429	32.0%	\$1,249	32.0%	\$637	\$1,886				
2.0%	Engineering During Construction	\$473	51.0%	\$715	0.0%	\$473	0.0%	\$241	0.0%	\$715	32.0%	\$625	32.0%	\$319	\$943				
1.0%	Planning During Construction	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	113.7%	\$506	113.7%	\$258	\$763				
0.5%	Adaptive Management & Monitoring	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	6.8%	\$253	6.8%	\$129	\$382				
0.5%	Project Operations	\$4,732	51.0%	\$7,145	0.0%	\$4,732	0.0%	\$2,413	0.0%	\$7,145	32.0%	\$6,245	32.0%	\$3,185	\$9,430				
31	CONSTRUCTION MANAGEMENT	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	32.0%	\$312	32.0%	\$159	\$472				
10.0%	Construction Management	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	32.0%	\$312	32.0%	\$159	\$472				
0.5%	Project Operation:	\$237	51.0%	\$357	0.0%	\$237	0.0%	\$121	0.0%	\$357	32.0%	\$312	32.0%	\$159	\$472				
0.5%	Project Management	\$62,224	51.0%	\$93,959	0.0%	\$62,224	0.0%	\$31,734	0.0%	\$93,959	6.8%	\$76,868	6.8%	\$39,203	\$116,071				
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)						
WBS NUMBER A	Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		2024 1 OCT 23		Program Year (Budget EC): Effective Price Level Date:		ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	COST (\$K) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J									
02	RELOCATIONS	\$0	\$0	51.0%	\$0	\$0	\$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%	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	\$0	\$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%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$13,990	\$7,135	51.0%	\$21,125	\$21,125	\$21,125	0.0%	\$13,990	\$7,135	\$21,125	\$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%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	\$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%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	\$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%	\$0	\$0	\$0	
13	PUMPING PLANT	\$0	\$0	51.0%	\$0	\$0	\$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%	\$0	\$0	\$0	
CONSTRUCTION ESTIMATE TOTALS:		\$13,990	\$7,135	51.0%	\$21,125	\$21,125	\$21,125	0.0%	\$13,990	\$7,135	\$21,125	\$21,125	0	0.0%	\$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%	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$210	\$107	51.0%	\$317	\$317	\$317	0.0%	\$210	\$107	\$317	\$317	2036Q1	83.5%	\$385	\$196	\$581	
1.0%	Project Management	\$140	\$71	51.0%	\$211	\$211	\$211	0.0%	\$140	\$71	\$211	\$211	2036Q1	83.5%	\$257	\$131	\$388	
1.0%	Planning & Environmental Compliance	\$1,679	\$856	51.0%	\$2,535	\$2,535	\$2,535	0.0%	\$1,679	\$856	\$2,535	\$2,535	2036Q1	83.5%	\$3,080	\$1,571	\$4,651	
12.0%	Engineering & Design	\$140	\$71	51.0%	\$211	\$211	\$211	0.0%	\$140	\$71	\$211	\$211	2036Q1	83.5%	\$257	\$131	\$388	
1.0%	Reviews, ATRs, IEPRs, VE	\$70	\$36	51.0%	\$106	\$106	\$106	0.0%	\$70	\$36	\$106	\$106	2036Q1	83.5%	\$128	\$65	\$194	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$70	\$36	51.0%	\$106	\$106	\$106	0.0%	\$70	\$36	\$106	\$106	2036Q1	83.5%	\$128	\$65	\$194	
0.5%	Contracting & Reprographics	\$280	\$143	51.0%	\$423	\$423	\$423	0.0%	\$280	\$143	\$423	\$423	2038Q2	96.4%	\$550	\$280	\$830	
2.0%	Engineering During Construction	\$140	\$71	51.0%	\$211	\$211	\$211	0.0%	\$140	\$71	\$211	\$211	2038Q2	96.4%	\$275	\$140	\$415	
1.0%	Planning During Construction	\$70	\$36	51.0%	\$106	\$106	\$106	0.0%	\$70	\$36	\$106	\$106	2045Q1	140.1%	\$168	\$86	\$254	
0.5%	Adaptive Management & Monitoring	\$70	\$36	51.0%	\$106	\$106	\$106	0.0%	\$70	\$36	\$106	\$106	2036Q1	83.5%	\$128	\$65	\$194	
0.5%	Project Operations	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
31	CONSTRUCTION MANAGEMENT	\$1,399	\$713	51.0%	\$2,113	\$2,113	\$2,113	0.0%	\$1,399	\$713	\$2,113	\$2,113	2038Q2	96.4%	\$2,748	\$1,402	\$4,150	
10.0%	Construction Management	\$70	\$36	51.0%	\$106	\$106	\$106	0.0%	\$70	\$36	\$106	\$106	2038Q2	96.4%	\$137	\$70	\$207	
0.5%	Project Operation:	\$70	\$36	51.0%	\$106	\$106	\$106	0.0%	\$70	\$36	\$106	\$106	2038Q2	96.4%	\$137	\$70	\$207	
0.5%	Project Management	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
CONTRACT COST TOTALS:		\$18,397	\$9,382		\$27,779	\$27,779	\$27,779		\$18,397	\$9,382	\$27,779	\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)								
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	7-Nov-23 1-Oct-23	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	2024 1 OCT 23	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	INFLATED (%)	Mile-Point Date	COST (\$K)	CNTG (\$K)	FULL (\$K)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		P				
	Civil Works Work Breakdown Structure																			
02	RELOCATIONS	\$0	\$0	51.0%	\$0	0.0%	\$0	\$0	\$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	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	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	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	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	59.9%	\$25,680	\$13,097	\$38,776			2042Q2	\$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	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	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	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	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	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	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				\$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	0.0%	0	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$241	\$123	51.0%	\$364	0.0%	\$241	\$123	\$364	107.2%	\$499	\$255	\$754			2040Q1	\$499	\$255	\$754	
1.5%	Project Management	\$161	\$82	51.0%	\$242	0.0%	\$161	\$82	\$242	107.2%	\$333	\$170	\$502			2040Q1	\$333	\$170	\$502	
1.0%	Planning & Environmental Compliance	\$1,927	\$983	51.0%	\$2,909	0.0%	\$1,927	\$983	\$2,909	107.2%	\$3,983	\$2,037	\$6,030			2040Q1	\$3,983	\$2,037	\$6,030	
12.0%	Engineering & Design	\$161	\$82	51.0%	\$242	0.0%	\$161	\$82	\$242	107.2%	\$333	\$170	\$502			2040Q1	\$333	\$170	\$502	
1.0%	Reviews, ATRs, IEPRs, VE	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	107.2%	\$166	\$85	\$251			2040Q1	\$166	\$85	\$251	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	107.2%	\$166	\$85	\$251			2040Q1	\$166	\$85	\$251	
0.5%	Contracting & Reprographics	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	107.2%	\$166	\$85	\$251			2040Q1	\$166	\$85	\$251	
2.0%	Engineering During Construction	\$321	\$164	51.0%	\$485	0.0%	\$321	\$164	\$485	122.0%	\$713	\$364	\$1,076			2042Q2	\$713	\$364	\$1,076	
2.0%	Engineering During Construction	\$161	\$82	51.0%	\$242	0.0%	\$161	\$82	\$242	122.0%	\$356	\$182	\$538			2042Q2	\$356	\$182	\$538	
1.0%	Planning During Construction	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	169.2%	\$216	\$110	\$326			2049Q1	\$216	\$110	\$326	
0.5%	Adaptive Management & Monitoring	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	107.2%	\$166	\$85	\$251			2040Q1	\$166	\$85	\$251	
0.5%	Project Operations	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	107.2%	\$166	\$85	\$251			2040Q1	\$166	\$85	\$251	
31	CONSTRUCTION MANAGEMENT	\$1,606	\$819	51.0%	\$2,425	0.0%	\$1,606	\$819	\$2,425	122.0%	\$3,564	\$1,818	\$5,382			2042Q2	\$3,564	\$1,818	\$5,382	
10.0%	Construction Management	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	122.0%	\$178	\$91	\$269			2042Q2	\$178	\$91	\$269	
0.5%	Project Operation:	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	122.0%	\$178	\$91	\$269			2042Q2	\$178	\$91	\$269	
0.5%	Project Management	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	122.0%	\$178	\$91	\$269			2042Q2	\$178	\$91	\$269	
	CONTRACT COST TOTALS:	\$21,114	\$10,768		\$31,883		\$21,114	\$10,768	\$31,883		\$36,542	\$18,637	\$55,179				\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
WBS NUMBER	A Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mile-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O	
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	ESC (%) K	COST (\$K) L	CNTG (\$K) M	TOTAL (\$K) N						
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$20,230	51.0%	0.0%	\$13,397	\$6,833	\$20,230	\$20,230	2050Q2	96.4%	\$26,311	\$13,419	\$39,729		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	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	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	\$20,230	51.0%	0.0%	\$13,397	\$6,833	\$20,230	\$20,230	0	0.0%	\$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	0.0%	\$0	\$0	\$0		
30	PLANNING, ENGINEERING & DESIGN	\$201	\$102	51.0%	\$303	\$303	51.0%	0.0%	\$201	\$102	\$303	\$303	2048Q1	161.6%	\$526	\$268	\$794		
1.0%	Project Management	\$134	\$68	51.0%	\$202	\$202	51.0%	0.0%	\$134	\$68	\$202	\$202	2048Q1	161.6%	\$351	\$179	\$529		
12.0%	Planning & Environmental Compliance	\$1,608	\$820	51.0%	\$2,428	\$2,428	51.0%	0.0%	\$1,608	\$820	\$2,428	\$2,428	2048Q1	161.6%	\$4,206	\$2,145	\$6,352		
1.0%	Engineering & Design	\$134	\$68	51.0%	\$202	\$202	51.0%	0.0%	\$134	\$68	\$202	\$202	2048Q1	161.6%	\$351	\$179	\$529		
0.5%	Reviews, ATRs, IEPFRs, VE	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2048Q1	161.6%	\$175	\$89	\$265		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2048Q1	161.6%	\$175	\$89	\$265		
2.0%	Contracting & Reprographics	\$268	\$137	51.0%	\$405	\$405	51.0%	0.0%	\$268	\$137	\$405	\$405	2050Q2	179.0%	\$748	\$381	\$1,129		
2.0%	Engineering During Construction	\$134	\$68	51.0%	\$202	\$202	51.0%	0.0%	\$134	\$68	\$202	\$202	2050Q2	179.0%	\$374	\$191	\$564		
1.0%	Planning During Construction	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2057Q1	238.4%	\$227	\$116	\$342		
0.5%	Adaptive Management & Monitoring	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2048Q1	161.6%	\$175	\$89	\$265		
0.5%	Project Operations	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2048Q1	161.6%	\$175	\$89	\$265		
31	CONSTRUCTION MANAGEMENT	\$1,340	\$683	51.0%	\$2,023	\$2,023	51.0%	0.0%	\$1,340	\$683	\$2,023	\$2,023	2050Q2	179.0%	\$3,738	\$1,906	\$5,644		
10.0%	Construction Management	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2050Q2	179.0%	\$187	\$95	\$282		
0.5%	Project Operation:	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2050Q2	179.0%	\$187	\$95	\$282		
0.5%	Project Management	\$67	\$34	51.0%	\$101	\$101	51.0%	0.0%	\$67	\$34	\$101	\$101	2050Q2	179.0%	\$187	\$95	\$282		
CONTRACT COST TOTALS:		\$17,618	\$8,985		\$26,602	\$26,602			\$17,618	\$8,985	\$26,602	\$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)					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	TOTAL (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)						CNTG (\$K)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O					
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	\$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	\$158	\$80	51.0%	\$238	0.0%	\$158	\$80	\$238	2074Q1	450.2%	\$868	\$443	\$1,310					
1.0%	Project Management	\$105	\$54	51.0%	\$159	0.0%	\$105	\$54	\$159	2074Q1	450.2%	\$579	\$295	\$874					
1.0%	Planning & Environmental Compliance	\$1,262	\$644	51.0%	\$1,905	0.0%	\$1,262	\$644	\$1,905	2074Q1	450.2%	\$6,942	\$3,541	\$10,483					
12.0%	Engineering & Design	\$105	\$54	51.0%	\$159	0.0%	\$105	\$54	\$159	2074Q1	450.2%	\$579	\$295	\$874					
1.0%	Reviews, ATRs, IEPRs, VE	\$53	\$27	51.0%	\$79	0.0%	\$53	\$27	\$79	2074Q1	450.2%	\$289	\$148	\$437					
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	\$210	\$107	51.0%	\$318	0.0%	\$210	\$107	\$318	2076Q1	482.6%	\$1,225	\$625	\$1,850					
2.0%	Engineering During Construction	\$105	\$54	51.0%	\$159	0.0%	\$105	\$54	\$159	2076Q1	482.6%	\$613	\$312	\$925					
1.0%	Planning During Construction	\$53	\$27	51.0%	\$79	0.0%	\$53	\$27	\$79	2082Q1	591.6%	\$364	\$185	\$549					
0.5%	Adaptive Management & Monitoring	\$53	\$27	51.0%	\$79	0.0%	\$53	\$27	\$79	2074Q1	450.2%	\$289	\$148	\$437					
0.5%	Project Operations																		
31	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					
10.0%	Construction Management	\$53	\$27	51.0%	\$79	0.0%	\$53	\$27	\$79	2076Q1	482.6%	\$306	\$156	\$462					
0.5%	Project Operation:	\$53	\$27	51.0%	\$79	0.0%	\$53	\$27	\$79	2076Q1	482.6%	\$306	\$156	\$462					
0.5%	Project Management																		
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 CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

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

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)						
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:			Program Year (Budget EC): Effective Price Level Date:			ESC (%)	COST (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (%)	TOTAL (\$K)	Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (%)	FULL (\$K)
		C	D	E	F	G	H													
02	Oak Harbor Extension-1st Lift	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
06	RELOCATIONS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$5,138	\$2,620	51.0%	\$7,758	\$2,620	51.0%	0.0%	\$5,138	\$2,620	\$7,758	0.0%	\$5,138	\$2,620	2035Q3	34.5%	\$6,911	\$3,524	\$10,435	\$10,435
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
13	PUMPING PLANT	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	\$0	51.0%	\$0	\$0	51.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
CONSTRUCTION ESTIMATE TOTALS:		\$5,138	\$2,620	51.0%	\$7,758	\$2,620	51.0%	0.0%	\$5,138	\$2,620	\$7,758	0.0%	\$5,138	\$2,620	0	0.0%	\$6,911	\$3,524	\$10,435	\$10,435
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	\$0	0.0%	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	0	0.0%	\$0	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN	\$77	\$39	51.0%	\$116	\$39	51.0%	0.0%	\$77	\$39	\$116	0.0%	\$77	\$39	2034Q1	36.0%	\$105	\$53	\$158	\$158
1.0%	Project Management	\$51	\$26	51.0%	\$78	\$26	51.0%	0.0%	\$51	\$26	\$78	0.0%	\$51	\$26	2034Q1	36.0%	\$70	\$36	\$105	\$105
1.0%	Planning & Environmental Compliance	\$617	\$314	51.0%	\$931	\$314	51.0%	0.0%	\$617	\$314	\$931	0.0%	\$617	\$314	2034Q1	36.0%	\$688	\$428	\$1,266	\$1,266
12.0%	Engineering & Design	\$51	\$26	51.0%	\$78	\$26	51.0%	0.0%	\$51	\$26	\$78	0.0%	\$51	\$26	2034Q1	36.0%	\$70	\$36	\$105	\$105
1.0%	Reviews, ATRs, IEPFRs, VE	\$26	\$13	51.0%	\$39	\$13	51.0%	0.0%	\$26	\$13	\$39	0.0%	\$26	\$13	2034Q1	36.0%	\$35	\$18	\$53	\$53
0.5%	Life Cycle Updates (cost, schedule, risks)	\$26	\$13	51.0%	\$39	\$13	51.0%	0.0%	\$26	\$13	\$39	0.0%	\$26	\$13	2034Q1	36.0%	\$35	\$18	\$53	\$53
0.5%	Contracting & Reprographics	\$103	\$52	51.0%	\$155	\$52	51.0%	0.0%	\$103	\$52	\$155	0.0%	\$103	\$52	2035Q3	80.8%	\$186	\$95	\$281	\$281
2.0%	Engineering During Construction	\$51	\$26	51.0%	\$78	\$26	51.0%	0.0%	\$51	\$26	\$78	0.0%	\$51	\$26	2035Q3	80.8%	\$93	\$47	\$140	\$140
1.0%	Planning During Construction	\$26	\$13	51.0%	\$39	\$13	51.0%	0.0%	\$26	\$13	\$39	0.0%	\$26	\$13	2041Q1	113.7%	\$55	\$28	\$83	\$83
0.5%	Adaptive Management & Monitoring	\$26	\$13	51.0%	\$39	\$13	51.0%	0.0%	\$26	\$13	\$39	0.0%	\$26	\$13	2034Q1	36.0%	\$35	\$18	\$53	\$53
0.5%	Project Operations	\$514	\$262	51.0%	\$776	\$262	51.0%	0.0%	\$514	\$262	\$776	0.0%	\$514	\$262	2035Q3	80.8%	\$929	\$474	\$1,403	\$1,403
10.0%	Construction Management	\$26	\$13	51.0%	\$39	\$13	51.0%	0.0%	\$26	\$13	\$39	0.0%	\$26	\$13	2035Q3	80.8%	\$46	\$24	\$70	\$70
0.5%	Project Operation:	\$26	\$13	51.0%	\$39	\$13	51.0%	0.0%	\$26	\$13	\$39	0.0%	\$26	\$13	2035Q3	80.8%	\$46	\$24	\$70	\$70
0.5%	Project Management	\$6,756	\$3,446	51.0%	\$10,202	\$3,446	51.0%	0.0%	\$6,756	\$3,446	\$10,202	0.0%	\$6,756	\$3,446	0	0.0%	\$9,454	\$4,821	\$14,275	\$14,275
CONTRACT COST TOTALS:		\$6,756	\$3,446	51.0%	\$10,202	\$3,446	51.0%	0.0%	\$6,756	\$3,446	\$10,202	0.0%	\$6,756	\$3,446	0	0.0%	\$9,454	\$4,821	\$14,275	\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
		COST (\$K)	CNTG (\$K)	TOTAL (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)					
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O
02	Oak Harbor Extension-2nd Lift									0	0.0%	\$0	\$0	\$0
06	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
11	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	\$5,580	\$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	0.0%	\$5,580	\$2,846	\$8,425	0	0.0%	\$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	\$84	\$43	51.0%	\$126	0.0%	\$84	\$43	\$126	2047Q1	154.3%	\$213	\$109	\$321
1.0%	Project Management	\$56	\$28	51.0%	\$84	0.0%	\$56	\$28	\$84	2047Q1	154.3%	\$142	\$72	\$214
1.0%	Planning & Environmental Compliance	\$670	\$341	51.0%	\$1,011	0.0%	\$670	\$341	\$1,011	2047Q1	154.3%	\$1,702	\$868	\$2,571
12.0%	Engineering & Design	\$56	\$28	51.0%	\$84	0.0%	\$56	\$28	\$84	2047Q1	154.3%	\$142	\$72	\$214
1.0%	Reviews, ATRs, IEPFRs, VE	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2047Q1	154.3%	\$71	\$36	\$107
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	\$112	\$57	51.0%	\$169	0.0%	\$112	\$57	\$169	2048Q2	163.5%	\$294	\$150	\$444
2.0%	Engineering During Construction	\$56	\$28	51.0%	\$84	0.0%	\$56	\$28	\$84	2048Q2	163.5%	\$147	\$75	\$222
1.0%	Planning During Construction	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2054Q1	210.6%	\$87	\$44	\$131
0.5%	Adaptive Management & Monitoring	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2047Q1	154.3%	\$71	\$36	\$107
0.5%	Project Operations													
31	CONSTRUCTION MANAGEMENT	\$558	\$285	51.0%	\$843	0.0%	\$558	\$285	\$843	2048Q2	163.5%	\$1,470	\$750	\$2,220
10.0%	Construction Management	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2048Q2	163.5%	\$74	\$37	\$111
0.5%	Project Operation:	\$28	\$14	51.0%	\$42	0.0%	\$28	\$14	\$42	2048Q2	163.5%	\$74	\$37	\$111
0.5%	Project Management													
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;

DISTRICT: MVN
 POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	A Feature & Sub-Feature Description	B Civil Works	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mile-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
			COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	L						M
02	Oak Harbor Extension-3rd Lift		\$0	\$0	51.0%	\$0	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
06	RELOCATIONS		\$0	\$0	51.0%	\$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	
11	FISH & WILDLIFE FACILITIES		\$0	\$0	51.0%	\$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	
11	LEVEES & FLOODWALLS		\$0	\$0	51.0%	\$0	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS		\$5,397	\$2,753	51.0%	\$8,150	\$5,397	\$2,753	\$8,150	\$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	
11	LEVEES & FLOODWALLS		\$0	\$0	51.0%	\$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	
13	PUMPING PLANT		\$0	\$0	51.0%	\$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	
CONSTRUCTION ESTIMATE TOTALS:			\$5,397	\$2,753	51.0%	\$8,150	\$5,397	\$2,753	\$8,150	\$8,150	0	0.0%	\$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	
30	PLANNING, ENGINEERING & DESIGN		\$81	\$41	51.0%	\$122	\$81	\$41	\$122	\$122	2063Q1	301.7%	\$325	\$166	\$491	
1.0%	Project Management		\$54	\$28	51.0%	\$81	\$54	\$28	\$81	\$81	2063Q1	301.7%	\$217	\$111	\$327	
12.0%	Planning & Environmental Compliance		\$648	\$330	51.0%	\$978	\$648	\$330	\$978	\$978	2063Q1	301.7%	\$2,602	\$1,327	\$3,929	
1.0%	Engineering & Design		\$54	\$28	51.0%	\$81	\$54	\$28	\$81	\$81	2063Q1	301.7%	\$217	\$111	\$327	
0.5%	Reviews, ATRs, IEPFRs, VE		\$27	\$14	51.0%	\$41	\$27	\$14	\$41	\$41	2063Q1	301.7%	\$108	\$55	\$164	
0.5%	Life Cycle Updates (cost, schedule, risks)		\$27	\$14	51.0%	\$41	\$27	\$14	\$41	\$41	2063Q1	301.7%	\$108	\$55	\$164	
2.0%	Contracting & Reprographics		\$108	\$55	51.0%	\$163	\$108	\$55	\$163	\$163	2064Q2	316.3%	\$449	\$229	\$679	
1.0%	Engineering During Construction		\$54	\$28	51.0%	\$81	\$54	\$28	\$81	\$81	2064Q2	316.3%	\$225	\$115	\$339	
0.5%	Planning During Construction		\$27	\$14	51.0%	\$41	\$27	\$14	\$41	\$41	2070Q1	390.7%	\$132	\$68	\$200	
0.5%	Adaptive Management & Monitoring		\$27	\$14	51.0%	\$41	\$27	\$14	\$41	\$41	2063Q1	301.7%	\$108	\$55	\$164	
31	CONSTRUCTION MANAGEMENT		\$540	\$275	51.0%	\$815	\$540	\$275	\$815	\$815	2064Q2	316.3%	\$2,247	\$1,146	\$3,393	
10.0%	Construction Management		\$27	\$14	51.0%	\$41	\$27	\$14	\$41	\$41	2064Q2	316.3%	\$112	\$57	\$170	
0.5%	Project Operation:		\$27	\$14	51.0%	\$41	\$27	\$14	\$41	\$41	2064Q2	316.3%	\$112	\$57	\$170	
0.5%	Project Management		\$7,097	\$3,620		\$10,717	\$7,097	\$3,620	\$10,717	\$10,717			\$22,147	\$11,285	\$33,441	
CONTRACT COST TOTALS:			\$7,097	\$3,620		\$10,717	\$7,097	\$3,620	\$10,717	\$10,717			\$22,147	\$11,285	\$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 CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
		Estimate Prepared: 7-Nov-23 Effective Price Level: 1-Oct-23						Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23						FULLY FUNDED PROJECT ESTIMATE					
		COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	CNTG (\$K)	TOTAL (\$K)	INFLATED (%)	Mile-Point Date	COST (\$K)	CNTG (\$K)	FULL (\$K)				
02	RELOCATIONS	\$2,163	51.0%	\$1,103	\$3,267	0.0%	\$2,163	\$1,103	\$3,267	16.8%	2030Q1	\$2,526	\$1,288	\$3,814					
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$40,459	51.0%	\$20,634	\$61,094	0.0%	\$40,459	\$20,634	\$61,094	19.8%	2031Q1	\$48,472	\$24,721	\$73,193					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
13	PUMPING PLANT	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
CONSTRUCTION ESTIMATE TOTALS:		\$42,623	51.0%	\$21,738	\$64,360	0.0%	\$42,623	\$21,738	\$64,360	0.0%	0	\$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	\$639	51.0%	\$326	\$965	0.0%	\$639	\$326	\$965	10.1%	2027Q1	\$704	\$359	\$1,063					
1.5%	Project Management	\$426	51.0%	\$217	\$644	0.0%	\$426	\$217	\$644	10.1%	2027Q1	\$469	\$239	\$709					
12.0%	Planning & Environmental Compliance	\$5,115	51.0%	\$2,609	\$7,723	0.0%	\$5,115	\$2,609	\$7,723	10.1%	2027Q1	\$5,631	\$2,872	\$8,504					
1.0%	Engineering & Design	\$426	51.0%	\$217	\$644	0.0%	\$426	\$217	\$644	10.1%	2027Q1	\$469	\$239	\$709					
0.5%	Reviews, ATRs, IEPRs, VE	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	10.1%	2027Q1	\$235	\$120	\$355					
0.5%	Life Cycle Updates (cost, schedule, risks)	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	10.1%	2027Q1	\$235	\$120	\$355					
2.0%	Contracting & Reprographics	\$852	51.0%	\$435	\$1,287	0.0%	\$852	\$435	\$1,287	24.3%	2031Q1	\$1,059	\$540	\$1,600					
1.0%	Engineering During Construction	\$426	51.0%	\$217	\$644	0.0%	\$426	\$217	\$644	24.3%	2031Q1	\$530	\$270	\$800					
0.5%	Planning During Construction	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	95.0%	2038Q1	\$416	\$212	\$627					
0.5%	Adaptive Management & Monitoring	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	10.1%	2027Q1	\$235	\$120	\$355					
0.5%	Project Operations	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	24.3%	2031Q1	\$265	\$135	\$400					
31	CONSTRUCTION MANAGEMENT	\$4,262	51.0%	\$2,174	\$6,436	0.0%	\$4,262	\$2,174	\$6,436	24.3%	2031Q1	\$5,287	\$2,702	\$7,999					
10.0%	Construction Management	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	24.3%	2031Q1	\$265	\$135	\$400					
0.5%	Project Operation:	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	24.3%	2031Q1	\$265	\$135	\$400					
0.5%	Project Management	\$213	51.0%	\$109	\$322	0.0%	\$213	\$109	\$322	24.3%	2031Q1	\$265	\$135	\$400					
CONTRACT COST TOTALS:		\$56,049	51.0%	\$28,585	\$84,634	0.0%	\$56,049	\$28,585	\$84,634	0.0%	0	\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Feature & Sub-Feature Description	COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	INFLATED (%)	COST (\$K)	CNTG (%)	CNTG (\$K)	FULL (\$K)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
02	RELOCATIONS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$5,312	51.0%	\$2,709	\$8,021	0.0%	\$5,312	\$2,709	\$8,021	30.2%	\$6,918	\$3,528	\$10,447			
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
13	PUMPING PLANT	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	
CONSTRUCTION ESTIMATE TOTALS:		\$5,312	51.0%	\$2,709	\$8,021	0.0%	\$5,312	\$2,709	\$8,021	32.0%	\$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	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$80	51.0%	\$41	\$120	0.0%	\$80	\$41	\$120	32.0%	\$105	\$54	\$159			
1.0%	Project Management	\$53	51.0%	\$27	\$80	0.0%	\$53	\$27	\$80	32.0%	\$70	\$36	\$106			
12.0%	Planning & Environmental Compliance	\$637	51.0%	\$325	\$962	0.0%	\$637	\$325	\$962	32.0%	\$841	\$429	\$1,270			
1.0%	Engineering & Design	\$53	51.0%	\$27	\$80	0.0%	\$53	\$27	\$80	32.0%	\$70	\$36	\$106			
0.5%	Reviews, ATRs, IEPRs, VE	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	32.0%	\$35	\$18	\$53			
0.5%	Life Cycle Updates (cost, schedule, risks)	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	32.0%	\$35	\$18	\$53			
2.0%	Contracting & Reprographics	\$106	51.0%	\$54	\$160	0.0%	\$106	\$54	\$160	37.0%	\$146	\$74	\$220			
1.0%	Engineering During Construction	\$53	51.0%	\$27	\$80	0.0%	\$53	\$27	\$80	37.0%	\$73	\$37	\$110			
0.5%	Planning During Construction	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	107.2%	\$55	\$28	\$83			
0.5%	Adaptive Management & Monitoring	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	32.0%	\$35	\$18	\$53			
0.5%	Project Operations	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	37.0%	\$46	\$23	\$69			
31	CONSTRUCTION MANAGEMENT	\$531	51.0%	\$271	\$802	0.0%	\$531	\$271	\$802	37.0%	\$728	\$371	\$1,099			
10.0%	Construction Management	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	37.0%	\$36	\$19	\$55			
0.5%	Project Operation:	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	37.0%	\$36	\$19	\$55			
0.5%	Project Management	\$27	51.0%	\$14	\$40	0.0%	\$27	\$14	\$40	37.0%	\$36	\$19	\$55			
CONTRACT COST TOTALS:		\$6,985	51.0%	\$3,562	\$10,547	0.0%	\$6,985	\$3,562	\$10,547	32.0%	\$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)				
WBS NUMBER	Feature & Sub-Feature Description	COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	Program Year (Budget EC): Effective Price Level Date:	Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
A	B	C	D	E	F	G	H	I	J	2024 1 OCT 23	P	L	M	N	O	
02	RELOCATIONS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$5,621	51.0%	\$2,867	\$8,488	0.0%	\$5,621	\$2,867	\$8,488		2047Q2	81.8%	\$10,221	\$5,213	\$15,434	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
13	PUMPING PLANT	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0		0	0.0%	\$0	\$0	\$0	
CONSTRUCTION ESTIMATE TOTALS:		\$5,621	51.0%	\$2,867	\$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	\$84	51.0%	\$43	\$127	0.0%	\$84	\$43	\$127		2046Q1	147.1%	\$208	\$106	\$315	
1.0%	Project Management	\$56	51.0%	\$29	\$85	0.0%	\$56	\$29	\$85		2046Q1	147.1%	\$139	\$71	\$210	
1.0%	Planning & Environmental Compliance	\$675	51.0%	\$344	\$1,019	0.0%	\$675	\$344	\$1,019		2046Q1	147.1%	\$1,667	\$850	\$2,517	
12.0%	Engineering & Design	\$56	51.0%	\$29	\$85	0.0%	\$56	\$29	\$85		2046Q1	147.1%	\$139	\$71	\$210	
1.0%	Reviews, ATRs, IEPFRs, VE	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2046Q1	147.1%	\$69	\$35	\$105	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2046Q1	147.1%	\$69	\$35	\$105	
0.5%	Contracting & Reprographics	\$112	51.0%	\$57	\$170	0.0%	\$112	\$57	\$170		2047Q2	156.1%	\$288	\$147	\$435	
2.0%	Engineering During Construction	\$56	51.0%	\$29	\$85	0.0%	\$56	\$29	\$85		2047Q2	156.1%	\$144	\$73	\$217	
1.0%	Planning During Construction	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2063Q1	201.8%	\$85	\$43	\$128	
0.5%	Adaptive Management & Monitoring	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2046Q1	147.1%	\$69	\$35	\$105	
0.5%	Project Operations	\$562	51.0%	\$287	\$849	0.0%	\$562	\$287	\$849		2047Q2	156.1%	\$1,439	\$734	\$2,174	
31	CONSTRUCTION MANAGEMENT	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2047Q2	156.1%	\$72	\$37	\$109	
10.0%	Construction Management	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2047Q2	156.1%	\$72	\$37	\$109	
0.5%	Project Operation:	\$28	51.0%	\$14	\$42	0.0%	\$28	\$14	\$42		2047Q2	156.1%	\$72	\$37	\$109	
0.5%	Project Management	\$7,392	51.0%	\$3,770	\$11,162		\$7,392	\$3,770	\$11,162				\$14,663	\$7,488	\$22,171	
CONTRACT COST TOTALS:		\$7,392	51.0%	\$3,770	\$11,162		\$7,392	\$3,770	\$11,162				\$14,663	\$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)					
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
		COST (\$K)	CNTG (\$K)	(%)	TOTAL (\$K)	TOTAL (\$K)	(%)	COST (\$K)	CNTG (\$K)	(%)	TOTAL (\$K)	TOTAL (\$K)	(%)						
02	RELOCATIONS	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$5,161	\$2,632	51.0%	\$7,793	\$7,793	51.0%	\$5,161	\$2,632	51.0%	\$7,793	\$7,793	51.0%	2064Q2	181.3%	\$14,517	\$7,404	\$21,921	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
13	PUMPING PLANT	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	\$0	\$0	51.0%	0	0.0%	\$0	\$0	\$0	
CONSTRUCTION ESTIMATE TOTALS:		\$5,161	\$2,632	51.0%	\$7,793	\$7,793	51.0%	\$5,161	\$2,632	51.0%	\$7,793	\$7,793	51.0%	0	0.0%	\$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%	0	0.0%	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$77	\$39	51.0%	\$117	\$117	51.0%	\$77	\$39	51.0%	\$117	\$117	51.0%	2063Q1	301.7%	\$311	\$159	\$470	
1.0%	Project Management	\$52	\$26	51.0%	\$78	\$78	51.0%	\$52	\$26	51.0%	\$78	\$78	51.0%	2063Q1	301.7%	\$207	\$106	\$313	
12.0%	Planning & Environmental Compliance	\$619	\$316	51.0%	\$935	\$935	51.0%	\$619	\$316	51.0%	\$935	\$935	51.0%	2063Q1	301.7%	\$2,488	\$1,269	\$3,757	
1.0%	Engineering & Design	\$52	\$26	51.0%	\$78	\$78	51.0%	\$52	\$26	51.0%	\$78	\$78	51.0%	2063Q1	301.7%	\$207	\$106	\$313	
0.5%	Reviews, ATRs, IEPRs, VE	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2063Q1	301.7%	\$104	\$53	\$157	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2063Q1	301.7%	\$104	\$53	\$157	
2.0%	Contracting & Reprographics	\$103	\$53	51.0%	\$156	\$156	51.0%	\$103	\$53	51.0%	\$156	\$156	51.0%	2064Q2	316.3%	\$430	\$219	\$649	
2.0%	Engineering During Construction	\$52	\$26	51.0%	\$78	\$78	51.0%	\$52	\$26	51.0%	\$78	\$78	51.0%	2064Q2	316.3%	\$215	\$110	\$324	
1.0%	Planning During Construction	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2070Q1	390.7%	\$127	\$65	\$191	
0.5%	Adaptive Management & Monitoring	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2063Q1	301.7%	\$104	\$53	\$157	
0.5%	Project Operations	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2063Q1	301.7%	\$104	\$53	\$157	
31	CONSTRUCTION MANAGEMENT	\$516	\$263	51.0%	\$779	\$779	51.0%	\$516	\$263	51.0%	\$779	\$779	51.0%	2064Q2	316.3%	\$2,148	\$1,096	\$3,244	
10.0%	Construction Management	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2064Q2	316.3%	\$107	\$55	\$162	
0.5%	Project Operation:	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2064Q2	316.3%	\$107	\$55	\$162	
0.5%	Project Management	\$26	\$13	51.0%	\$39	\$39	51.0%	\$26	\$13	51.0%	\$39	\$39	51.0%	2064Q2	316.3%	\$107	\$55	\$162	
CONTRACT COST TOTALS:		\$6,786	\$3,461		\$10,247	\$10,247		\$6,786	\$3,461		\$10,247	\$10,247		0	0.0%	\$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 CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)									
		Estimate Prepared: 7-Nov-23 Effective Price Level:					Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23					FULLY FUNDED PROJECT ESTIMATE									
		COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	F	COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	J	ESC (%)	COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	M	INFLATED (%)	Mile-Point Date	CNTG (\$K)	FULL (\$K)
02	RELOCATIONS	\$82	51.0%	\$42	\$124		\$82	51.0%	\$42	\$124	0.0%	\$82	51.0%	\$42	\$124		11.7%	2028Q2	\$81	\$47	\$138
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$3,996	51.0%	\$2,038	\$6,034		\$3,996	51.0%	\$2,038	\$6,034	0.0%	\$3,996	51.0%	\$2,038	\$6,034		17.5%	2030Q2	\$4,697	\$2,395	\$7,093
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$18,723	51.0%	\$9,549	\$28,272		\$18,723	51.0%	\$9,549	\$28,272	0.0%	\$18,723	51.0%	\$9,549	\$28,272		16.8%	2030Q1	\$21,863	\$11,150	\$33,013
11	LEVEES & FLOODWALLS	\$1,906	51.0%	\$972	\$2,878		\$1,906	51.0%	\$972	\$2,878	0.0%	\$1,906	51.0%	\$972	\$2,878		17.5%	2030Q2	\$2,240	\$1,143	\$3,383
13	PUMPING PLANT	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	\$0		\$0	51.0%	\$0	\$0	0.0%	\$0	51.0%	\$0	\$0		0.0%	0	\$0	\$0	\$0
CONSTRUCTION ESTIMATE TOTALS:		\$24,707	51.0%	\$12,601	\$37,308		\$24,707	51.0%	\$12,601	\$37,308	0.0%	\$24,707	51.0%	\$12,601	\$37,308		0.0%	0	\$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%	\$0	\$0		0.0%	0	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN	\$371	51.0%	\$189	\$560		\$371	51.0%	\$189	\$560	0.0%	\$371	51.0%	\$189	\$560		13.5%	2028Q1	\$421	\$215	\$635
1.5%	Project Management	\$247	51.0%	\$126	\$373		\$247	51.0%	\$126	\$373	0.0%	\$247	51.0%	\$126	\$373		13.5%	2028Q1	\$280	\$143	\$424
12.0%	Planning & Environmental Compliance	\$2,965	51.0%	\$1,512	\$4,477		\$2,965	51.0%	\$1,512	\$4,477	0.0%	\$2,965	51.0%	\$1,512	\$4,477		13.5%	2028Q1	\$3,366	\$1,716	\$5,082
1.0%	Engineering & Design	\$247	51.0%	\$126	\$373		\$247	51.0%	\$126	\$373	0.0%	\$247	51.0%	\$126	\$373		13.5%	2028Q1	\$280	\$143	\$424
0.5%	Reviews, ATRs, IEPRs, VE	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		13.5%	2028Q1	\$140	\$72	\$212
0.5%	Life Cycle Updates (cost, schedule, risks)	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		13.5%	2028Q1	\$140	\$72	\$212
0.5%	Contracting & Reprographics	\$494	51.0%	\$252	\$746		\$494	51.0%	\$252	\$746	0.0%	\$494	51.0%	\$252	\$746		21.5%	2030Q2	\$600	\$306	\$906
2.0%	Engineering During Construction	\$247	51.0%	\$126	\$373		\$247	51.0%	\$126	\$373	0.0%	\$247	51.0%	\$126	\$373		21.5%	2030Q2	\$300	\$153	\$453
1.0%	Planning During Construction	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		83.5%	2038Q1	\$227	\$116	\$342
0.5%	Adaptive Management & Monitoring	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		13.5%	2028Q1	\$140	\$72	\$212
0.5%	Project Operations	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		13.5%	2028Q1	\$140	\$72	\$212
31	CONSTRUCTION MANAGEMENT	\$2,471	51.0%	\$1,260	\$3,731		\$2,471	51.0%	\$1,260	\$3,731	0.0%	\$2,471	51.0%	\$1,260	\$3,731		21.5%	2030Q2	\$3,001	\$1,530	\$4,531
10.0%	Construction Management	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		21.5%	2030Q2	\$150	\$77	\$227
0.5%	Project Operation:	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		21.5%	2030Q2	\$150	\$77	\$227
0.5%	Project Management	\$124	51.0%	\$63	\$187		\$124	51.0%	\$63	\$187	0.0%	\$124	51.0%	\$63	\$187		21.5%	2030Q2	\$150	\$77	\$227
CONTRACT COST TOTALS:		\$32,490		\$16,570	\$49,060		\$32,490		\$16,570	\$49,060		\$32,490		\$16,570	\$49,060				\$38,088	\$19,425	\$57,512

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

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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)				
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:	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	7-Nov-23 1-Oct-23	C	D	E	F	G	H	I	J	P	L	M	N	O	
02	Old Spanish Trail Extension-1st Lift															
06	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	
11	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	
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		\$26	\$13	51.0%	\$39	0.0%	\$26	\$13	\$39	2033Q1	32.0%	\$34	\$17	\$51	
1.0%	Project Management		\$17	\$9	51.0%	\$26	0.0%	\$17	\$9	\$26	2033Q1	32.0%	\$23	\$12	\$34	
1.0%	Planning & Environmental Compliance		\$205	\$105	51.0%	\$310	0.0%	\$205	\$105	\$310	2033Q1	32.0%	\$271	\$138	\$409	
12.0%	Engineering & Design		\$17	\$9	51.0%	\$26	0.0%	\$17	\$9	\$26	2033Q1	32.0%	\$23	\$12	\$34	
1.0%	Reviews, ATRs, IEPRs, VE		\$9	\$4	51.0%	\$13	0.0%	\$9	\$4	\$13	2033Q1	32.0%	\$11	\$6	\$17	
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		\$34	\$17	51.0%	\$52	0.0%	\$34	\$17	\$52	2034Q2	37.0%	\$47	\$24	\$71	
2.0%	Engineering During Construction		\$17	\$9	51.0%	\$26	0.0%	\$17	\$9	\$26	2034Q2	37.0%	\$23	\$12	\$35	
1.0%	Planning During Construction		\$9	\$4	51.0%	\$13	0.0%	\$9	\$4	\$13	2040Q1	107.2%	\$18	\$9	\$27	
0.5%	Adaptive Management & Monitoring		\$9	\$4	51.0%	\$13	0.0%	\$9	\$4	\$13	2033Q1	32.0%	\$11	\$6	\$17	
0.5%	Project Operations															
31	CONSTRUCTION MANAGEMENT		\$171	\$87	51.0%	\$259	0.0%	\$171	\$87	\$259	2034Q2	37.0%	\$235	\$120	\$354	
10.0%	Construction Management		\$9	\$4	51.0%	\$13	0.0%	\$9	\$4	\$13	2034Q2	37.0%	\$12	\$6	\$18	
0.5%	Project Operation:		\$9	\$4	51.0%	\$13	0.0%	\$9	\$4	\$13	2034Q2	37.0%	\$12	\$6	\$18	
0.5%	Project Management															
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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mile-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)		
		COST (\$K)	CNTG (\$K)	COST (\$K)	CNTG (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)						TOTAL (\$K)	
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O		
02	Old Spanish Trail Extension-2nd Lift															
06	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		
11	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	\$25	\$13	51.0%	\$38	0.0%	\$25	\$13	\$38	2046Q1	147.1%	\$61	\$31	\$93		
	Project Management	\$17	\$8	51.0%	\$25	0.0%	\$17	\$8	\$25	2046Q1	147.1%	\$41	\$21	\$62		
	Planning & Environmental Compliance	\$199	\$101	51.0%	\$300	0.0%	\$199	\$101	\$300	2046Q1	147.1%	\$491	\$251	\$742		
	Engineering & Design	\$17	\$8	51.0%	\$25	0.0%	\$17	\$8	\$25	2046Q1	147.1%	\$20	\$10	\$31		
	Reviews, ATRs, IEPFRs, VE	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13	2046Q1	147.1%	\$20	\$10	\$31		
	Life Cycle Updates (cost, schedule, risks)	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13	2046Q1	147.1%	\$20	\$10	\$31		
	Contracting & Reprographics	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13	2047Q2	156.1%	\$85	\$43	\$128		
	Engineering During Construction	\$33	\$17	51.0%	\$50	0.0%	\$33	\$17	\$50	2047Q2	156.1%	\$42	\$22	\$64		
	Planning During Construction	\$17	\$8	51.0%	\$25	0.0%	\$17	\$8	\$25	2063Q1	201.8%	\$25	\$13	\$38		
	Adaptive Management & Monitoring	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13	2046Q1	147.1%	\$20	\$10	\$31		
	Project Operations	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13							
31	CONSTRUCTION MANAGEMENT	\$166	\$84	51.0%	\$250	0.0%	\$166	\$84	\$250	2047Q2	156.1%	\$424	\$216	\$641		
	Construction Management	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13	2047Q2	156.1%	\$21	\$11	\$32		
	Project Operation:	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13	2047Q2	156.1%	\$21	\$11	\$32		
	Project Management	\$8	\$4	51.0%	\$13	0.0%	\$8	\$4	\$13							
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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

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

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
		Estimate Prepared: 7-Nov-23 Effective Price Level: 1-Oct-23					Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23					FULLY FUNDED PROJECT ESTIMATE				
		COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	CNTG (\$K)	TOTAL (\$K)	TOTAL (\$K)	INFLATED (%)	COST (\$K)	CNTG (%)	CNTG (\$K)
02	RELOCATIONS	\$400	51.0%	\$204	\$604	\$604	0.0%	\$400	\$204	\$604	\$604	8.8%	\$435	222	\$222	\$658
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$5,861	51.0%	\$2,989	\$8,850	\$8,850	0.0%	\$5,861	\$2,989	\$8,850	\$8,850	16.8%	\$6,844	\$3,960	\$3,960	\$10,334
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
13	PUMPING PLANT	\$63,468	51.0%	\$32,369	\$95,837	\$95,837	0.0%	\$63,468	\$32,369	\$95,837	\$95,837	15.3%	\$73,181	\$37,322	\$37,322	\$110,504
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$87,227	51.0%	\$44,486	\$131,713	\$131,713	0.0%	\$87,227	\$44,486	\$131,713	\$131,713	15.3%	\$100,576	\$51,294	\$51,294	\$151,869
CONSTRUCTION ESTIMATE TOTALS:		\$156,957	51.0%	\$80,048	\$237,005	\$237,005	0.0%	\$156,957	\$80,048	\$237,005	\$237,005	0.0%	\$181,036	\$92,328	\$92,328	\$273,364
01	LANDS AND DAMAGES	\$0	0.0%	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN	\$2,354	51.0%	\$1,201	\$3,555	\$3,555	0.0%	\$2,354	\$1,201	\$3,555	\$3,555	10.1%	\$2,592	\$1,322	\$1,322	\$3,914
1.5%	Project Management	\$1,570	51.0%	\$800	\$2,370	\$2,370	0.0%	\$1,570	\$800	\$2,370	\$2,370	10.1%	\$1,728	\$881	\$881	\$2,609
12.0%	Planning & Environmental Compliance	\$18,835	51.0%	\$9,606	\$28,441	\$28,441	0.0%	\$18,835	\$9,606	\$28,441	\$28,441	10.1%	\$20,738	\$10,576	\$10,576	\$31,314
1.0%	Engineering & Design	\$1,570	51.0%	\$800	\$2,370	\$2,370	0.0%	\$1,570	\$800	\$2,370	\$2,370	10.1%	\$1,728	\$881	\$881	\$2,609
0.5%	Reviews, ATRs, IEPRs, VE	\$785	51.0%	\$400	\$1,185	\$1,185	0.0%	\$785	\$400	\$1,185	\$1,185	10.1%	\$864	\$441	\$441	\$1,305
0.5%	Life Cycle Updates (cost, schedule, risks)	\$785	51.0%	\$400	\$1,185	\$1,185	0.0%	\$785	\$400	\$1,185	\$1,185	10.1%	\$864	\$441	\$441	\$1,305
0.5%	Contracting & Reprographics	\$3,139	51.0%	\$1,601	\$4,740	\$4,740	0.0%	\$3,139	\$1,601	\$4,740	\$4,740	20.6%	\$3,785	\$1,930	\$1,930	\$5,715
2.0%	Engineering During Construction	\$1,570	51.0%	\$800	\$2,370	\$2,370	0.0%	\$1,570	\$800	\$2,370	\$2,370	20.6%	\$1,893	\$965	\$965	\$2,858
1.0%	Planning During Construction	\$785	51.0%	\$400	\$1,185	\$1,185	0.0%	\$785	\$400	\$1,185	\$1,185	83.5%	\$1,440	\$734	\$734	\$2,174
0.5%	Adaptive Management & Monitoring	\$785	51.0%	\$400	\$1,185	\$1,185	0.0%	\$785	\$400	\$1,185	\$1,185	10.1%	\$864	\$441	\$441	\$1,305
0.5%	Project Operations	\$15,696	51.0%	\$8,005	\$23,700	\$23,700	0.0%	\$15,696	\$8,005	\$23,700	\$23,700	20.6%	\$18,925	\$9,652	\$9,652	\$28,577
31	CONSTRUCTION MANAGEMENT	\$785	51.0%	\$400	\$1,185	\$1,185	0.0%	\$785	\$400	\$1,185	\$1,185	20.6%	\$946	\$483	\$483	\$1,429
10.0%	Construction Management	\$785	51.0%	\$400	\$1,185	\$1,185	0.0%	\$785	\$400	\$1,185	\$1,185	20.6%	\$946	\$483	\$483	\$1,429
0.5%	Project Operation:	\$206,398	51.0%	\$105,263	\$311,661	\$311,661	0.0%	\$206,398	\$105,263	\$311,661	\$311,661	20.6%	\$238,349	\$121,558	\$121,558	\$359,908
0.5%	Project Management	\$206,398	51.0%	\$105,263	\$311,661	\$311,661	0.0%	\$206,398	\$105,263	\$311,661	\$311,661	20.6%	\$238,349	\$121,558	\$121,558	\$359,908
CONTRACT COST TOTALS:		\$206,398	51.0%	\$105,263	\$311,661	\$311,661	0.0%	\$206,398	\$105,263	\$311,661	\$311,661	20.6%	\$238,349	\$121,558	\$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)					
WBS NUMBER	A Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O	
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	ESC (%) K	COST (\$K) L	CNTG (\$K) M	TOTAL (\$K) N						
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	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	\$1,924	51.0%	0.0%	\$3,773	\$1,924	\$5,697	\$5,697	2034Q2	30.2%	\$4,914	\$2,506	\$7,420		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	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	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	\$1,924	51.0%	0.0%	\$3,773	\$1,924	\$5,697	\$5,697	0	0.0%	\$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	0.0%	\$0	\$0	\$0		
30	PLANNING, ENGINEERING & DESIGN	\$57	\$29	51.0%	\$85	\$29	51.0%	0.0%	\$57	\$29	\$85	\$85	2033Q1	32.0%	\$75	\$38	\$113		
1.0%	Project Management	\$38	\$19	51.0%	\$57	\$19	51.0%	0.0%	\$38	\$19	\$57	\$57	2033Q1	32.0%	\$50	\$25	\$75		
1.0%	Planning & Environmental Compliance	\$453	\$231	51.0%	\$684	\$231	51.0%	0.0%	\$453	\$231	\$684	\$684	2033Q1	32.0%	\$597	\$305	\$902		
12.0%	Engineering & Design	\$38	\$19	51.0%	\$57	\$19	51.0%	0.0%	\$38	\$19	\$57	\$57	2033Q1	32.0%	\$50	\$25	\$75		
1.0%	Reviews, ATRs, IEPFRs, VE	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2033Q1	32.0%	\$25	\$13	\$38		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2033Q1	32.0%	\$25	\$13	\$38		
0.5%	Contracting & Reprographics	\$75	\$38	51.0%	\$114	\$38	51.0%	0.0%	\$75	\$38	\$114	\$114	2034Q2	37.0%	\$103	\$53	\$156		
2.0%	Engineering During Construction	\$38	\$19	51.0%	\$57	\$19	51.0%	0.0%	\$38	\$19	\$57	\$57	2034Q2	37.0%	\$52	\$26	\$78		
1.0%	Planning During Construction	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2040Q1	107.2%	\$39	\$20	\$59		
0.5%	Adaptive Management & Monitoring	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2033Q1	32.0%	\$25	\$13	\$38		
0.5%	Project Operations	\$377	\$192	51.0%	\$570	\$192	51.0%	0.0%	\$377	\$192	\$570	\$570	2034Q2	37.0%	\$517	\$264	\$780		
31	CONSTRUCTION MANAGEMENT	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2034Q2	37.0%	\$26	\$13	\$39		
10.0%	Construction Management	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2034Q2	37.0%	\$26	\$13	\$39		
0.5%	Project Operation:	\$19	\$10	51.0%	\$28	\$10	51.0%	0.0%	\$19	\$10	\$28	\$28	2034Q2	37.0%	\$26	\$13	\$39		
0.5%	Project Management	\$4,961	\$2,530		\$7,491	\$2,530			\$4,961	\$2,530	\$7,491	\$7,491			\$6,523	\$3,327	\$9,849		
CONTRACT COST TOTALS:		\$4,961	\$2,530		\$7,491	\$2,530			\$4,961	\$2,530	\$7,491	\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)					
WBS NUMBER	Civil Works Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:	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	7-Nov-23 1-Oct-23	C	D	E	F	G	H	I	J	P	L	M	N	O
02	RELOCATIONS	\$0	\$0	51.0%	\$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	\$0
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$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	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$0
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	\$0	51.0%	\$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	\$6,044	0	0.0%	\$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	\$0
30	PLANNING, ENGINEERING & DESIGN	\$60	\$31	51.0%	\$91	0.0%	\$60	\$31	\$91	\$91	2046Q1	147.1%	\$148	\$76	\$224
1.0%	Project Management	\$40	\$20	51.0%	\$60	0.0%	\$40	\$20	\$60	\$60	2046Q1	147.1%	\$89	\$50	\$149
1.0%	Planning & Environmental Compliance	\$480	\$245	51.0%	\$725	0.0%	\$480	\$245	\$725	\$725	2046Q1	147.1%	\$1,187	\$605	\$1,792
12.0%	Engineering & Design	\$40	\$20	51.0%	\$60	0.0%	\$40	\$20	\$60	\$60	2046Q1	147.1%	\$99	\$50	\$149
1.0%	Reviews, ATRs, IEPFRs, VE	\$20	\$10	51.0%	\$30	0.0%	\$20	\$10	\$30	\$30	2046Q1	147.1%	\$49	\$25	\$75
0.5%	Life Cycle Updates (cost, schedule, risks)	\$20	\$10	51.0%	\$30	0.0%	\$20	\$10	\$30	\$30	2046Q1	147.1%	\$49	\$25	\$75
0.5%	Contracting & Reprographics	\$80	\$41	51.0%	\$121	0.0%	\$80	\$41	\$121	\$121	2047Q2	156.1%	\$205	\$105	\$310
2.0%	Engineering During Construction	\$40	\$20	51.0%	\$60	0.0%	\$40	\$20	\$60	\$60	2047Q2	156.1%	\$103	\$52	\$155
1.0%	Planning During Construction	\$20	\$10	51.0%	\$30	0.0%	\$20	\$10	\$30	\$30	2063Q1	201.8%	\$60	\$31	\$91
0.5%	Adaptive Management & Monitoring	\$20	\$10	51.0%	\$30	0.0%	\$20	\$10	\$30	\$30	2046Q1	147.1%	\$49	\$25	\$75
0.5%	Project Operations	\$400	\$204	51.0%	\$604	0.0%	\$400	\$204	\$604	\$604	2047Q2	156.1%	\$1,025	\$523	\$1,548
10.0%	Construction Management	\$20	\$10	51.0%	\$30	0.0%	\$20	\$10	\$30	\$30	2047Q2	156.1%	\$51	\$26	\$77
0.5%	Project Operation:	\$20	\$10	51.0%	\$30	0.0%	\$20	\$10	\$30	\$30	2047Q2	156.1%	\$51	\$26	\$77
0.5%	Project Management	\$5,264	\$2,685	51.0%	\$7,948		\$5,264	\$2,685	\$7,948	\$7,948			\$10,456	\$5,332	\$15,788
CONTRACT COST TOTALS:		\$5,264	\$2,685		\$7,948		\$5,264	\$2,685	\$7,948	\$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;

DISTRICT: MVN
POC: CHIEF, COST ENGINEERING, Robert Guichet

PREPARED: 11/9/2023

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
WBS NUMBER A	Civil Works Feature & Sub-Feature Description B	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O	
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	ESC (%) K	COST (\$K) L	CNTG (\$K) M	TOTAL (\$K) N						
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	\$3,807	\$1,942	0.0%	\$3,807	\$1,942	\$5,749	\$5,749	2064Q2	181.3%	\$10,710	\$5,462	\$16,172		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	0.0%	\$0	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	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	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	0.0%	\$3,807	\$1,942	\$5,749	\$5,749	0	0.0%	\$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	0.0%	\$0	\$0	\$0		
30	PLANNING, ENGINEERING & DESIGN	\$57	\$29	51.0%	\$86	\$57	\$29	0.0%	\$57	\$29	\$86	\$86	2063Q1	301.7%	\$229	\$117	\$346		
1.0%	Project Management	\$38	\$19	51.0%	\$57	\$38	\$19	0.0%	\$38	\$19	\$57	\$57	2063Q1	301.7%	\$153	\$78	\$231		
12.0%	Planning & Environmental Compliance	\$457	\$233	51.0%	\$690	\$457	\$233	0.0%	\$457	\$233	\$690	\$690	2063Q1	301.7%	\$1,835	\$936	\$2,771		
1.0%	Engineering & Design	\$38	\$19	51.0%	\$57	\$38	\$19	0.0%	\$38	\$19	\$57	\$57	2063Q1	301.7%	\$153	\$78	\$231		
0.5%	Reviews, ATRs, IEPFRs, VE	\$19	\$10	51.0%	\$29	\$19	\$10	0.0%	\$19	\$10	\$29	\$29	2063Q1	301.7%	\$76	\$39	\$115		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$19	\$10	51.0%	\$29	\$19	\$10	0.0%	\$19	\$10	\$29	\$29	2063Q1	301.7%	\$76	\$39	\$115		
2.0%	Contracting & Reprographics	\$76	\$39	51.0%	\$115	\$76	\$39	0.0%	\$76	\$39	\$115	\$115	2064Q2	316.3%	\$317	\$162	\$479		
2.0%	Engineering During Construction	\$38	\$19	51.0%	\$57	\$38	\$19	0.0%	\$38	\$19	\$57	\$57	2064Q2	316.3%	\$158	\$81	\$239		
1.0%	Planning During Construction	\$19	\$10	51.0%	\$29	\$19	\$10	0.0%	\$19	\$10	\$29	\$29	2070Q1	390.7%	\$83	\$48	\$141		
0.5%	Adaptive Management & Monitoring	\$19	\$10	51.0%	\$29	\$19	\$10	0.0%	\$19	\$10	\$29	\$29	2063Q1	301.7%	\$76	\$39	\$115		
0.5%	Project Operations	\$381	\$194	51.0%	\$575	\$381	\$194	0.0%	\$381	\$194	\$575	\$575	2064Q2	316.3%	\$1,585	\$808	\$2,393		
10.0%	Construction Management	\$19	\$10	51.0%	\$29	\$19	\$10	0.0%	\$19	\$10	\$29	\$29	2064Q2	316.3%	\$79	\$40	\$120		
0.5%	Project Operation:	\$19	\$10	51.0%	\$29	\$19	\$10	0.0%	\$19	\$10	\$29	\$29	2064Q2	316.3%	\$79	\$40	\$120		
0.5%	Project Management	\$5,006	\$2,553	51.0%	\$7,559	\$5,006	\$2,553	0.0%	\$5,006	\$2,553	\$7,559	\$7,559	0	0.0%	\$15,622	\$7,967	\$23,590		
CONTRACT COST TOTALS:		\$5,006	\$2,553	51.0%	\$7,559	\$5,006	\$2,553	0.0%	\$5,006	\$2,553	\$7,559	\$7,559	0	0.0%	\$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;
 DISTRICT: MVN CHIEF, COST ENGINEERING, Robert Guichet
 POC:
 PREPARED: 11/9/2023
 St. Tammany Main Report

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST					PROJECT FIRST COST (Constant Dollar Basis)					TOTAL PROJECT COST (FULLY FUNDED)				
		COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	Effective Price Level:	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	Mile-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
Civil Works Work Breakdown Structure		7-Nov-23					2024					FULLY FUNDED PROJECT ESTIMATE				
		1-Oct-23					1 OCT 23									
		Estimate Prepared:					Program Year (Budget EC):									
		Effective Price Level:					Effective Price Level Date:									
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O		
	Kings Point to HWY 190B															
02	RELOCATIONS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$3,052	51.0%	\$1,556	\$4,608	0.0%	\$3,052	\$1,556	\$4,608	2029Q3	15.3%	\$3,519	\$1,795	\$5,314		
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
13	PUMPING PLANT	\$35,440	51.0%	\$18,074	\$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	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
CONSTRUCTION ESTIMATE TOTALS:		\$38,492	51.0%	\$19,631	\$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	\$577	51.0%	\$294	\$872	0.0%	\$577	\$294	\$872	2027Q1	10.1%	\$636	\$324	\$960		
1.5%	Project Management	\$385	51.0%	\$196	\$581	0.0%	\$385	\$196	\$581	2027Q1	10.1%	\$424	\$216	\$640		
12.0%	Planning & Environmental Compliance	\$4,619	51.0%	\$2,356	\$6,975	0.0%	\$4,619	\$2,356	\$6,975	2027Q1	10.1%	\$5,086	\$2,594	\$7,679		
1.0%	Engineering & Design	\$385	51.0%	\$196	\$581	0.0%	\$385	\$196	\$581	2027Q1	10.1%	\$424	\$216	\$640		
1.0%	Reviews, ATRs, IEPRs, VE	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	2027Q1	10.1%	\$212	\$108	\$320		
0.5%	Life Cycle Updates (cost, schedule, risks)	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	2027Q1	10.1%	\$212	\$108	\$320		
0.5%	Contracting & Reprographics	\$770	51.0%	\$393	\$1,162	0.0%	\$770	\$393	\$1,162	2029Q3	18.8%	\$915	\$466	\$1,381		
2.0%	Engineering During Construction	\$385	51.0%	\$196	\$581	0.0%	\$385	\$196	\$581	2029Q3	18.8%	\$457	\$233	\$691		
1.0%	Planning During Construction	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	2036Q1	83.5%	\$353	\$180	\$533		
0.5%	Adaptive Management & Monitoring	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	2027Q1	10.1%	\$212	\$108	\$320		
0.5%	Project Operations	\$3,849	51.0%	\$1,963	\$5,812	0.0%	\$3,849	\$1,963	\$5,812	2029Q3	18.8%	\$4,573	\$2,332	\$6,905		
31	CONSTRUCTION MANAGEMENT	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	2029Q3	18.8%	\$229	\$117	\$345		
10.0%	Construction Management	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	2029Q3	18.8%	\$229	\$117	\$345		
0.5%	Project Operation:	\$50,616	51.0%	\$25,814	\$76,431		\$50,616	\$25,814	\$76,431			\$58,342	\$29,754	\$88,096		
0.5%	Project Management	\$50,616	51.0%	\$25,814	\$76,431		\$50,616	\$25,814	\$76,431			\$58,342	\$29,754	\$88,096		
CONTRACT COST TOTALS:		\$50,616	51.0%	\$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)					
WBS NUMBER	A Civil Works Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)	
		COST (\$K)	CNTG (\$K)	(%)	TOTAL (\$K)	TOTAL (\$K)	(%)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)						CNTG (\$K)
02	RELOCATIONS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES	\$0	\$0	51.0%	\$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	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	\$3,540	51.0%	\$1,196	\$1,196	\$3,540	\$3,540	0.0%	\$2,345	\$1,196	\$3,540	\$3,074	\$1,567	\$4,641	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	51.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS	\$0	\$0	51.0%	\$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	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	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	\$3,540	51.0%	\$1,196	\$1,196	\$3,540	\$3,540	0.0%	\$2,345	\$1,196	\$3,074	\$1,567	\$4,641	\$0	
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN	\$35	\$18	51.0%	\$53	\$53	51.0%	\$18	\$18	\$53	\$53	0.0%	\$35	\$18	\$46	\$24	\$70	\$0	
1.0%	Project Management	\$23	\$12	51.0%	\$35	\$35	51.0%	\$12	\$12	\$35	\$35	0.0%	\$23	\$12	\$31	\$16	\$47	\$0	
12.0%	Planning & Environmental Compliance	\$281	\$143	51.0%	\$425	\$425	51.0%	\$143	\$143	\$425	\$425	0.0%	\$281	\$143	\$371	\$189	\$561	\$0	
1.0%	Engineering & Design	\$23	\$12	51.0%	\$35	\$35	51.0%	\$12	\$12	\$35	\$35	0.0%	\$23	\$12	\$31	\$16	\$47	\$0	
0.5%	Reviews, ATRs, IEPFRs, VE	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$15	\$8	\$23	\$0	
0.5%	Life Cycle Updates (cost, schedule, risks)	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$15	\$8	\$23	\$0	
2.0%	Contracting & Reprographics	\$47	\$24	51.0%	\$71	\$71	51.0%	\$24	\$24	\$71	\$71	0.0%	\$47	\$24	\$69	\$35	\$104	\$0	
2.0%	Engineering During Construction	\$23	\$12	51.0%	\$35	\$35	51.0%	\$12	\$12	\$35	\$35	0.0%	\$23	\$12	\$35	\$18	\$52	\$0	
1.0%	Planning During Construction	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$24	\$12	\$37	\$0	
0.5%	Adaptive Management & Monitoring	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$24	\$12	\$37	\$0	
0.5%	Project Operations	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$15	\$8	\$23	\$0	
31	CONSTRUCTION MANAGEMENT	\$234	\$120	51.0%	\$354	\$354	51.0%	\$120	\$120	\$354	\$354	0.0%	\$234	\$120	\$346	\$176	\$522	\$0	
10.0%	Construction Management	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$17	\$9	\$26	\$0	
0.5%	Project Operation:	\$12	\$6	51.0%	\$18	\$18	51.0%	\$6	\$6	\$18	\$18	0.0%	\$12	\$6	\$17	\$9	\$26	\$0	
0.5%	Project Management	\$3,083	\$1,572	51.0%	\$4,655	\$4,655	51.0%	\$1,572	\$1,572	\$4,655	\$4,655	0.0%	\$3,083	\$1,572	\$4,108	\$2,095	\$6,203	\$0	
CONTRACT COST TOTALS:		\$3,083	\$1,572	51.0%	\$4,655	\$4,655	51.0%	\$1,572	\$1,572	\$4,655	\$4,655	0.0%	\$3,083	\$1,572	\$4,108	\$2,095	\$6,203	\$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)				
WBS NUMBER	Feature & Sub-Feature Description	Estimate Prepared: Effective Price Level:		7-Nov-23 1-Oct-23		Program Year (Budget EC): Effective Price Level Date:		2024 1 OCT 23		Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)						
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O
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	\$37	\$19	51.0%	\$56	0.0%	\$37	\$19	\$56	2046Q1	147.1%	\$92	\$47	\$139
1.0%	Project Management	\$25	\$13	51.0%	\$37	0.0%	\$25	\$13	\$37	2046Q1	147.1%	\$61	\$31	\$92
1.0%	Planning & Environmental Compliance	\$297	\$152	51.0%	\$449	0.0%	\$297	\$152	\$449	2046Q1	147.1%	\$734	\$374	\$1,109
12.0%	Engineering & Design	\$25	\$13	51.0%	\$37	0.0%	\$25	\$13	\$37	2046Q1	147.1%	\$61	\$31	\$92
1.0%	Reviews, ATRs, IEPFRs, VE	\$12	\$6	51.0%	\$19	0.0%	\$12	\$6	\$19	2046Q1	147.1%	\$31	\$16	\$46
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	\$50	\$25	51.0%	\$75	0.0%	\$50	\$25	\$75	2047Q3	157.9%	\$128	\$65	\$193
2.0%	Engineering During Construction	\$25	\$13	51.0%	\$37	0.0%	\$25	\$13	\$37	2047Q3	157.9%	\$64	\$33	\$96
1.0%	Planning During Construction	\$12	\$6	51.0%	\$19	0.0%	\$12	\$6	\$19	2063Q1	201.8%	\$37	\$19	\$56
0.5%	Adaptive Management & Monitoring	\$12	\$6	51.0%	\$19	0.0%	\$12	\$6	\$19	2046Q1	147.1%	\$31	\$16	\$46
0.5%	Project Operations													
31	CONSTRUCTION MANAGEMENT	\$248	\$126	51.0%	\$374	0.0%	\$248	\$126	\$374	2047Q3	157.9%	\$639	\$326	\$964
10.0%	Construction Management	\$12	\$6	51.0%	\$19	0.0%	\$12	\$6	\$19	2047Q3	157.9%	\$32	\$16	\$48
0.5%	Project Operation:	\$12	\$6	51.0%	\$19	0.0%	\$12	\$6	\$19	2047Q3	157.9%	\$32	\$16	\$48
0.5%	Project Management													
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)					
WBS NUMBER	A Feature & Sub-Feature Description	B Civil Works	Estimate Prepared: Effective Price Level:			7-Nov-23 1-Oct-23			Program Year (Budget EC): Effective Price Level Date:			2024 1 OCT 23			P Date	L INFLATED (%)	M COST (\$K)	N CNTG (\$K)	O FULL (\$K)
			C COST (\$K)	D CNTG (\$K)	E CNTG (%)	F TOTAL (\$K)	G ESC (%)	H COST (\$K)	I CNTG (\$K)	J TOTAL (\$K)	K ESC (%)	L COST (\$K)	M CNTG (\$K)	N TOTAL (\$K)					
02	RELOCATIONS		\$0	\$0	51.0%	\$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	51.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
06	FISH & WILDLIFE FACILITIES		\$0	\$0	51.0%	\$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	51.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS		\$0	\$0	51.0%	\$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	\$2,380	\$1,214	\$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	51.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
11	LEVEES & FLOODWALLS		\$0	\$0	51.0%	\$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	51.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0	
13	PUMPING PLANT		\$0	\$0	51.0%	\$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	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	0.0%	\$2,380	\$1,214	\$3,593	0	0.0%	\$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	0.0%	\$0	\$0	\$0	
30	PLANNING, ENGINEERING & DESIGN		\$36	\$18	51.0%	\$54	\$36	\$18	\$54	0.0%	\$36	\$18	\$54	2063Q1	301.7%	\$143	\$73	\$217	
1.0%	Project Management		\$24	\$12	51.0%	\$36	\$24	\$12	\$36	0.0%	\$24	\$12	\$36	2063Q1	301.7%	\$96	\$49	\$144	
1.0%	Planning & Environmental Compliance		\$286	\$146	51.0%	\$431	\$286	\$146	\$431	0.0%	\$286	\$146	\$431	2063Q1	301.7%	\$1,147	\$585	\$1,732	
12.0%	Engineering & Design		\$24	\$12	51.0%	\$36	\$24	\$12	\$36	0.0%	\$24	\$12	\$36	2063Q1	301.7%	\$96	\$49	\$144	
1.0%	Reviews, ATRs, IEPFRs, VE		\$12	\$6	51.0%	\$18	\$12	\$6	\$18	0.0%	\$12	\$6	\$18	2063Q1	301.7%	\$48	\$24	\$72	
0.5%	Life Cycle Updates (cost, schedule, risks)		\$12	\$6	51.0%	\$18	\$12	\$6	\$18	0.0%	\$12	\$6	\$18	2063Q1	301.7%	\$48	\$24	\$72	
0.5%	Contracting & Reprographics		\$48	\$24	51.0%	\$72	\$48	\$24	\$72	0.0%	\$48	\$24	\$72	2064Q3	319.3%	\$200	\$102	\$301	
2.0%	Engineering During Construction		\$24	\$12	51.0%	\$36	\$24	\$12	\$36	0.0%	\$24	\$12	\$36	2064Q3	319.3%	\$100	\$51	\$151	
1.0%	Planning During Construction		\$12	\$6	51.0%	\$18	\$12	\$6	\$18	0.0%	\$12	\$6	\$18	2070Q1	390.7%	\$58	\$30	\$88	
0.5%	Adaptive Management & Monitoring		\$12	\$6	51.0%	\$18	\$12	\$6	\$18	0.0%	\$12	\$6	\$18	2063Q1	301.7%	\$48	\$24	\$72	
0.5%	Project Operations		\$238	\$121	51.0%	\$359	\$238	\$121	\$359	0.0%	\$238	\$121	\$359	2064Q3	319.3%	\$998	\$509	\$1,507	
10.0%	Construction Management		\$12	\$6	51.0%	\$18	\$12	\$6	\$18	0.0%	\$12	\$6	\$18	2064Q3	319.3%	\$50	\$25	\$75	
0.5%	Project Operation:		\$12	\$6	51.0%	\$18	\$12	\$6	\$18	0.0%	\$12	\$6	\$18	2064Q3	319.3%	\$50	\$25	\$75	
0.5%	Project Management		\$3,129	\$1,596	51.0%	\$4,725	\$3,129	\$1,596	\$4,725	0.0%	\$3,129	\$1,596	\$4,725			\$9,819	\$5,008	\$14,827	
CONTRACT COST TOTALS:			\$3,129	\$1,596	51.0%	\$4,725	\$3,129	\$1,596	\$4,725	0.0%	\$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 CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
		Estimate Prepared: 7-Nov-23 Effective Price Level: 1-Oct-23						Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23						FULLY FUNDED PROJECT ESTIMATE					
		COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	INFLATED (%)	Mile-Point Date	COST (\$K)	CNTG (%)	CNTG (\$K)	FULL (\$K)			
C	D	E	F	G	H	I	J	J	L	P	M	N	O	O					
02	Substation Enclo. near HWY 190B	\$681	51.0%	\$348	\$1,029	0.0%	\$681	\$348	\$1,029	10.9%	2028Q1	\$756	\$385	\$1,141					
06	RELOCATIONS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
11	LEVEES & FLOODWALLS	\$36,452	51.0%	\$18,591	\$55,043	0.0%	\$36,452	\$18,591	\$55,043	13.8%	2029Q1	\$41,486	\$21,158	\$62,644					
11	LEVEES & FLOODWALLS	\$1,347	51.0%	\$687	\$2,033	0.0%	\$1,347	\$687	\$2,033	15.3%	2029Q3	\$1,553	\$792	\$2,345					
13	PUMPING PLANT	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	\$0	\$0					
CONSTRUCTION ESTIMATE TOTALS:		\$38,480	51.0%	\$19,625	\$58,105	0.0%	\$38,480	\$19,625	\$58,105	0.0%	0	\$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	\$577	51.0%	\$294	\$872	0.0%	\$577	\$294	\$872	6.8%	2026Q1	\$616	\$314	\$931					
1.5%	Project Management	\$385	51.0%	\$196	\$581	0.0%	\$385	\$196	\$581	6.8%	2026Q1	\$411	\$210	\$621					
12.0%	Planning & Environmental Compliance	\$4,618	51.0%	\$2,359	\$6,977	0.0%	\$4,618	\$2,359	\$6,977	6.8%	2026Q1	\$4,931	\$2,515	\$7,446					
1.0%	Engineering & Design	\$385	51.0%	\$196	\$581	0.0%	\$385	\$196	\$581	6.8%	2026Q1	\$411	\$210	\$621					
1.0%	Reviews, ATRs, IEPRs, VE	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	6.8%	2026Q1	\$205	\$105	\$310					
0.5%	Life Cycle Updates (cost, schedule, risks)	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	6.8%	2026Q1	\$205	\$105	\$310					
0.5%	Contracting & Reprographics	\$770	51.0%	\$392	\$1,162	0.0%	\$770	\$392	\$1,162	18.8%	2029Q3	\$814	\$466	\$1,381					
2.0%	Engineering During Construction	\$385	51.0%	\$196	\$581	0.0%	\$385	\$196	\$581	18.8%	2029Q3	\$457	\$233	\$690					
1.0%	Planning During Construction	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	6.8%	2035Q1	\$205	\$105	\$310					
0.5%	Adaptive Management & Monitoring	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	6.8%	2026Q1	\$205	\$105	\$310					
0.5%	Project Operations	\$3,848	51.0%	\$1,962	\$5,810	0.0%	\$3,848	\$1,962	\$5,810	18.8%	2029Q3	\$4,572	\$2,332	\$6,903					
31	CONSTRUCTION MANAGEMENT	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	18.8%	2029Q3	\$229	\$117	\$345					
10.0%	Construction Management	\$192	51.0%	\$98	\$291	0.0%	\$192	\$98	\$291	18.8%	2029Q3	\$229	\$117	\$345					
0.5%	Project Operation:	\$50,601	51.0%	\$25,807	\$76,408	0.0%	\$50,601	\$25,807	\$76,408	18.8%	2029Q3	\$57,506	\$29,328	\$86,834					
0.5%	Project Management																		
CONTRACT COST TOTALS:		\$50,601	51.0%	\$25,807	\$76,408	0.0%	\$50,601	\$25,807	\$76,408	18.8%	2029Q3	\$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 CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST						PROJECT FIRST COST (Constant Dollar Basis)						TOTAL PROJECT COST (FULLY FUNDED)					
		Estimate Prepared: 7-Nov-23 Effective Price Level: 1-Oct-23						Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23						FULLY FUNDED PROJECT ESTIMATE					
		COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (%)	CNTG (\$K)	TOTAL (\$K)	INFLATED (%)	Mile-Point Date	COST (\$K)	CNTG (%)	CNTG (\$K)	FULL (\$K)			
C	D	E	F	G	H	I	J	J	L	P	M	N	O	O					
Civil Works Work Breakdown Structure																			
Eastern Extension																			
02	RELOCATIONS	\$4,217	51.0%	\$2,151	\$6,368	0.0%	\$4,217	\$2,151	\$6,368	18.3%	2030Q3	\$4,989	51.0%	\$2,544	\$7,533				
06	FISH & WILDLIFE FACILITIES	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	51.0%	\$0	\$0				
06	FISH & WILDLIFE FACILITIES	\$2,142	51.0%	\$1,092	\$3,234	0.0%	\$2,142	\$1,092	\$3,234	18.3%	2030Q3	\$2,534	51.0%	\$1,292	\$3,826				
11	LEVEES & FLOODWALLS	\$681	51.0%	\$347	\$1,028	0.0%	\$681	\$347	\$1,028	24.5%	2032Q3	\$848	51.0%	\$433	\$1,281				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	51.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	51.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	51.0%	\$0	\$0				
11	LEVEES & FLOODWALLS	\$138,176	51.0%	\$70,470	\$208,646	0.0%	\$138,176	\$70,470	\$208,646	18.3%	2030Q3	\$163,464	51.0%	\$83,367	\$246,831				
11	LEVEES & FLOODWALLS	\$20,450	51.0%	\$10,430	\$30,880	0.0%	\$20,450	\$10,430	\$30,880	27.8%	2033Q3	\$26,129	51.0%	\$13,226	\$39,455				
13	PUMPING PLANT	\$75,164	51.0%	\$38,334	\$113,498	0.0%	\$75,164	\$38,334	\$113,498	15.3%	2029Q3	\$86,667	51.0%	\$44,200	\$130,867				
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$0	51.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	51.0%	\$0	\$0				
CONSTRUCTION ESTIMATE TOTALS:		\$240,830	51.0%	\$122,823	\$363,654	0.0%	\$240,830	\$122,823	\$363,654	0.0%	0	\$284,631	51.0%	\$145,162	\$429,793				
01	LANDS AND DAMAGES	\$0	0.0%	\$0	\$0	0.0%	\$0	\$0	\$0	0.0%	0	\$0	0.0%	\$0	\$0				
PLANNING, ENGINEERING & DESIGN		\$3,612	51.0%	\$1,842	\$5,455	0.0%	\$3,612	\$1,842	\$5,455	6.8%	2026Q1	\$3,858	51.0%	\$1,967	\$5,825				
1.5%	Project Management	\$2,408	51.0%	\$1,228	\$3,637	0.0%	\$2,408	\$1,228	\$3,637	6.8%	2026Q1	\$2,572	51.0%	\$1,312	\$3,884				
12.0%	Planning & Environmental Compliance	\$28,900	51.0%	\$14,739	\$43,638	0.0%	\$28,900	\$14,739	\$43,638	6.8%	2026Q1	\$30,863	51.0%	\$15,740	\$46,603				
1.0%	Reviews, ATRs, IEPRs, VE	\$2,408	51.0%	\$1,228	\$3,637	0.0%	\$2,408	\$1,228	\$3,637	6.8%	2026Q1	\$2,572	51.0%	\$1,312	\$3,884				
0.5%	Life Cycle Updates (cost, schedule, risks)	\$1,204	51.0%	\$614	\$1,818	0.0%	\$1,204	\$614	\$1,818	6.8%	2026Q1	\$1,286	51.0%	\$656	\$1,942				
0.5%	Contracting & Reprographics	\$1,204	51.0%	\$614	\$1,818	0.0%	\$1,204	\$614	\$1,818	6.8%	2026Q1	\$1,286	51.0%	\$656	\$1,942				
2.0%	Engineering During Construction	\$4,817	51.0%	\$2,456	\$7,273	0.0%	\$4,817	\$2,456	\$7,273	34.0%	2033Q3	\$6,453	51.0%	\$3,291	\$9,744				
1.0%	Planning During Construction	\$2,408	51.0%	\$1,228	\$3,637	0.0%	\$2,408	\$1,228	\$3,637	34.0%	2033Q3	\$3,227	51.0%	\$1,646	\$4,872				
0.5%	Adaptive Management & Monitoring	\$1,204	51.0%	\$614	\$1,818	0.0%	\$1,204	\$614	\$1,818	101.0%	2039Q1	\$2,421	51.0%	\$1,234	\$3,655				
0.5%	Project Operations	\$1,204	51.0%	\$614	\$1,818	0.0%	\$1,204	\$614	\$1,818	6.8%	2026Q1	\$1,286	51.0%	\$656	\$1,942				
CONSTRUCTION MANAGEMENT		\$24,083	51.0%	\$12,282	\$36,365	0.0%	\$24,083	\$12,282	\$36,365	34.0%	2033Q3	\$32,286	51.0%	\$16,456	\$48,721				
10.0%	Construction Management	\$1,204	51.0%	\$614	\$1,818	0.0%	\$1,204	\$614	\$1,818	34.0%	2033Q3	\$1,613	51.0%	\$823	\$2,436				
0.5%	Project Operation:	\$1,204	51.0%	\$614	\$1,818	0.0%	\$1,204	\$614	\$1,818	34.0%	2033Q3	\$1,613	51.0%	\$823	\$2,436				
0.5%	Project Management	\$316,692	51.0%	\$161,513	\$478,205	0.0%	\$316,692	\$161,513	\$478,205	6.8%	2026Q1	\$375,946	51.0%	\$191,732	\$567,678				
CONTRACT COST TOTALS:		\$316,692	51.0%	\$161,513	\$478,205	0.0%	\$316,692	\$161,513	\$478,205	6.8%	2026Q1	\$375,946	51.0%	\$191,732	\$567,678				

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

**** CONTRACT COST SUMMARY ****

PROJECT: St. Tammany Parish Feasibility Study
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This Estimate reflects the scope and schedule in report;

St. Tammany Main Report

DISTRICT: MVN CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

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

***** 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;

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

St. Tammany Main Report

Civil Works Work Breakdown Structure		ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
WBS NUMBER	Civil Works Feature & Sub-Feature Description	Estimate Prepared: 7-Nov-23 Effective Price Level:				Program Year (Budget EC): 2024 Effective Price Level Date: 1 OCT 23				FULLY FUNDED PROJECT ESTIMATE				
		COST _(\$K)_	CNTG _(\$K)_	CNTG _(%)_	TOTAL _(\$K)_	ESC _(%)_	COST _(\$K)_	CNTG _(\$K)_	TOTAL _(\$K)_	Mile-Point Date P	INFLATED _(%)_	L	COST _(\$K)_	CNTG _(\$K)_
		D	E	F	G	H	I	J				M	N	O
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	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
11	LEVEES & FLOODWALLS	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
13	PUMPING PLANT	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
15	FLOODWAY CONTROL & DIVERSION STRUCTURE	\$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	0.0%		\$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	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
1.5%	Project Management	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
1.0%	Planning & Environmental Compliance	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
12.0%	Engineering & Design	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
1.0%	Reviews, ATRs, IEPRs, VE	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
0.5%	Life Cycle Updates (cost, schedule, risks)	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
0.5%	Contracting & Reprographics	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
2.0%	Engineering During Construction	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
1.0%	Planning During Construction	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
0.5%	Adaptive Management & Monitoring	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
0.5%	Project Operations	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
31	CONSTRUCTION MANAGEMENT	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
10.0%	Construction Management	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
0.5%	Project Operator:	\$0	55.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%		\$0	\$0	\$0
0.5%	Project Management	\$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

**** 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: MWN CHIEF, COST ENGINEERING, Robert Guichet
POC:

PREPARED: 11/9/2023

WBS NUMBER	Civil Works Feature & Sub-Feature Description	ESTIMATED COST				PROJECT FIRST COST (Constant Dollar Basis)				TOTAL PROJECT COST (FULLY FUNDED)				
		COST (\$K)	CNTG (%)	TOTAL (\$K)	Effective Price Level	G (%)	H COST (\$K)	I CNTG (%)	J TOTAL (\$K)	P Mile-Point Date	L INFLATED (%)	M COST (\$K)	N CNTG (%)	O FULL (\$K)
Civil Works Work Breakdown Structure														
		Estimate Prepared: 7-Nov-23				Program Year (Budget EC): 2024				FULLY FUNDED PROJECT ESTIMATE				
		Effective Price Level: 1-Oct-23				Effective Price Level Date: 1 OCT 23								
02	Non-Structural	\$0	0.0%	\$0		0.0%	\$0	0.0%	\$0	0	0.0%	\$0	0.0%	\$0
06	RELOCATIONS	\$0	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%	\$0
11	FISH & WILDLIFE FACILITIES	\$0	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%	\$0
11	LEVEES & FLOODWALLS	\$0	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%	\$0
11	LEVEES & FLOODWALLS	\$0	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%	\$0
11	LEVEES & FLOODWALLS	\$0	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%	\$0
13	PUMPING PLANT	\$0	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%	\$0
08	ROADS, RAILROADS & BRIDGES	\$0	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%	\$0
19	BUILDINGS, GROUNDS & UTILITIES	\$1,605,522	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	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	43.0%	\$2,315,234		0.0%	\$1,619,045	\$696,189	\$2,315,234	2032Q1	22.8%	\$1,990,119	\$855,751	\$2,845,870
01	LANDS AND DAMAGES	\$150,322	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	\$40,476	43.0%	\$57,881		0.0%	\$40,476	\$17,405	\$57,880,8498	2032Q1	28.0%	\$51,827	\$22,285	\$74,112
2.5%	Project Management	\$16,190	43.0%	\$23,152		0.0%	\$16,190	\$6,962	\$23,152,3389	2032Q1	28.0%	\$20,731	\$8,914	\$29,645
1.0%	Planning & Environmental Compliance	\$72,857	43.0%	\$104,186		0.0%	\$72,857	\$31,329	\$104,185,5296	2032Q1	28.0%	\$93,288	\$40,114	\$133,402
4.5%	Engineering & Design	\$16,190	43.0%	\$23,152		0.0%	\$16,190	\$6,962	\$23,152,3389	2032Q1	28.0%	\$20,731	\$8,914	\$29,645
1.0%	Reviews, ATRs, IEPRs, VE	\$16,190	43.0%	\$23,152		0.0%	\$16,190	\$6,962	\$23,152,3389	2032Q1	28.0%	\$20,731	\$8,914	\$29,645
1.0%	Life Cycle Updates (cost, schedule, risks)	\$16,190	43.0%	\$23,152		0.0%	\$16,190	\$6,962	\$23,152,3389	2032Q1	28.0%	\$20,731	\$8,914	\$29,645
1.0%	Contracting & Reprographics	\$32,381	43.0%	\$46,305		0.0%	\$32,381	\$13,924	\$46,304,6798	2032Q1	28.0%	\$41,461	\$17,828	\$59,290
2.0%	Engineering During Construction	\$16,190	43.0%	\$23,152		0.0%	\$16,190	\$6,962	\$23,152,3389	2032Q1	28.0%	\$20,731	\$8,914	\$29,645
1.0%	Planning During Construction	\$0	43.0%	\$0		0.0%	\$0	\$0	\$0,0000	0	0.0%	\$0	\$0	\$0
0.0%	Adaptive Management & Monitoring	\$0	43.0%	\$0		0.0%	\$0	\$0	\$0,0000	0	0.0%	\$0	\$0	\$0
0.0%	Project Operations	\$89,047	43.0%	\$127,338		0.0%	\$89,047	\$38,290	\$127,338	2032Q1	28.0%	\$114,018	\$49,028	\$163,046
31	CONSTRUCTION MANAGEMENT	\$16,190	43.0%	\$23,152		0.0%	\$16,190	\$6,962	\$23,152	2032Q1	28.0%	\$20,731	\$8,914	\$29,645
5.5%	Construction Management	\$24,286	43.0%	\$34,729		0.0%	\$24,286	\$10,443	\$34,729	2032Q1	28.0%	\$31,086	\$13,371	\$44,467
1.0%	Project Operation:	\$2,125,557	43.0%	\$3,012,488		0.0%	\$2,125,557	\$886,931	\$3,012,488	2032Q1	28.0%	\$2,630,773	\$1,098,008	\$3,728,780
1.5%	Project Management	CONTRACT COST TOTALS:												
		\$2,125,557	43.0%	\$3,012,488		0.0%	\$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.

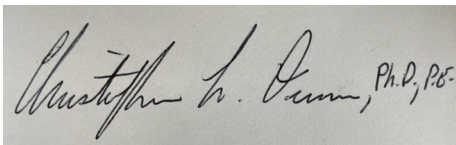
The aggregate for all features is 10 % design maturity. Therefore, per the CECW-EC memorandum dated 05-June-2023, I certify that the design deliverables used to generate the cost products for this project and the estimate meet the requirements for a CLASS 3 estimate, as per reference (a) below. Design 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

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

Printed Name



Digitally signed by
DUNN.CHRISTOPHER.LESLIE.124
4566185
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 runoff 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.