

**ATTACHMENT 10**

**TOTAL PROJECT COST SUMMARY**

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**WALLA WALLA COST ENGINEERING  
MANDATORY CENTER OF EXPERTISE**

**COST AGENCY TECHNICAL REVIEW**

**CERTIFICATION STATEMENT**

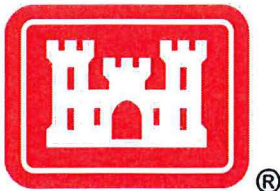
**SWG - PN 402197  
Freeport Harbor Channel Improvement Project  
General Reevaluation Report (GRR)**

The Freeport Harbor Channel Improvement Project - GRR cost update, as presented by the Galveston District, has undergone a successful Cost Agency Technical Review (Cost ATR) of remaining costs, 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 cost 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.

Certification Date: 16 March 2018

FY18 Remaining Costs:	\$272,132,000 (Cost ATR Certified)
FY17 Spent Costs:	\$ 1,871,000 (From Programs & PM)
FY18 Project First Cost:	\$274,003,000 (Remaining plus Spent)
Fully Funded Costs:	\$295,432,000 including Spent Costs

Note: Cost ATR was devoted to remaining work. It did not review spent costs, which requires an audit process. It remains the responsibility of the District to correctly reflect these cost values and to implement effective project management controls and implementation procedures including risk management through the period of Federal participation.



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DESOMBER.SCOTT.CHRISTOPHER.1454307190  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA,  
cn=DESOMBER.SCOTT.CHRISTOPHER.1454307190  
Date: 2018.03.16 08:35:05 -0700

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

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

Printed:3/16/2018  
Page 1 of 12

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
PROJECT | P2 402197  
LOCATION: Freeport, Texas

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.  
PREPARED: 11/17/2017

This Estimate reflects the scope and schedule in report; Freeport DIGRR-EA Nov 2017

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) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	Program Year (Budget EC): Effective Price Level Date: 2018 1 OCT 17		TOTAL FIRST COST (\$K) K	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O
										Spent Thru: 1-Oct-17 (\$K)						
06	FISH & WILDLIFE FACILITIES	\$161	\$43	27.0%	\$204	0.0%	\$161	\$43	\$204		\$0	\$204	5.1%	\$169	\$46	\$215
12	NAVIGATION PORTS & HARBORS	\$177,387	\$47,894	27.0%	\$225,281	0.0%	\$177,387	\$47,894	\$225,281		\$0	\$225,281	7.2%	\$190,157	\$51,342	\$241,500
16	BANK STABILIZATION	\$1,094	\$295	27.0%	\$1,389	0.0%	\$1,094	\$295	\$1,389		\$0	\$1,389	6.7%	\$1,167	\$315	\$1,483
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$178,642	\$48,233		\$226,875	0.0%	\$178,642	\$48,233	\$226,875		\$0	\$226,875	7.2%	\$191,494	\$51,703	\$243,197
01	LANDS AND DAMAGES	\$5,112	\$1,260	24.7%	\$6,372	0.0%	\$5,112	\$1,260	\$6,372		\$0	\$6,372	6.1%	\$5,425	\$1,338	\$6,762
30	PLANNING, ENGINEERING & DESIGN	\$17,234	\$4,635	26.9%	\$21,869	0.0%	\$17,234	\$4,635	\$21,869		\$1,871	\$23,740	10.0%	\$18,957	\$5,099	\$25,927
31	CONSTRUCTION MANAGEMENT	\$13,398	\$3,617	27.0%	\$17,015	0.0%	\$13,398	\$3,617	\$17,015		\$0	\$17,015	14.9%	\$15,389	\$4,155	\$19,544
<b>PROJECT COST TOTALS:</b>		\$214,386	\$57,746	26.9%	\$272,132		\$214,386	\$57,746	\$272,132		\$1,871	\$274,003	7.9%	\$231,265	\$62,295	\$295,432

CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

TOTAL PROJECT FIRST COST: \$274,003

PROJECT MANAGER, Nicholas Laskowski

TOTAL PROJECT COST (FULLY FUNDED): \$295,432

CHIEF, REAL ESTATE, Timothy Nelson

CHIEF, PLANNING, Brian Harper

CHIEF, ENGINEERING, Joe King, R.A., LEED Green Assoc.

CHIEF, OPERATIONS, Joseph Hrametz, P.E.

CHIEF, CONSTRUCTION, Donald W. Carelock, P.E.

CHIEF, CONTRACTING, Kathrine Freeman

CHIEF, PM-G, Debby Jones

CHIEF, DPM, Edmond J. Russo Jr., PhD, P.E., D.CE, D.NE

ASSOCIATED COSTS (FULLY FUNDED): \$77,609

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

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

PROJECT: Freeport Harbor Channel Improvement Project  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report;

Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

PREPARED: 11/17/2017

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:			17-Nov-17 1-Oct-17 n Year (Budget EC): ve Price Level Date:	2018 1 OCT 17			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
CONTRACT 1 - Dredge Future Ch Extension (Sta. -370+00 to -300+00) & Half of Outer Bar (Sta. -300+00 to -150+00)														
12	NAVIGATION PORTS & HARBORS	\$40,236	\$10,864	27.0%	\$51,100	0.0%	\$40,236	\$10,864	\$51,100	2020Q3	5.1%	\$42,305	\$11,422	\$53,728
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$40,236	\$10,864	27.0%	\$51,100		\$40,236	\$10,864	\$51,100			\$42,305	\$11,422	\$53,728
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
1.5%	Project Management	\$602	\$163	27.0%	\$765	0.0%	\$602	\$163	\$765	2019Q2	4.9%	\$631	\$170	\$802
3.4%	Planning & Environmental Compliance	\$1,350	\$365	27.0%	\$1,715	0.0%	\$1,350	\$365	\$1,715	2019Q2	4.9%	\$1,416	\$382	\$1,798
6.9%	Engineering & Design	\$2,770	\$748	27.0%	\$3,518	0.0%	\$2,770	\$748	\$3,518	2019Q2	4.9%	\$2,905	\$784	\$3,690
0.9%	Reviews, ATRs, IEPs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2019Q2	4.9%	\$367	\$99	\$466
0.2%	Life Cycle Updates (cost, schedule, risks)	\$81	\$22	27.0%	\$103	0.0%	\$81	\$22	\$103	2019Q2	4.9%	\$85	\$23	\$108
0.5%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2019Q2	4.9%	\$210	\$57	\$266
0.2%	Engineering During Construction	\$81	\$22	27.0%	\$103	0.0%	\$81	\$22	\$103	2020Q3	10.4%	\$89	\$24	\$114
0.3%	Planning During Construction	\$101	\$27	27.0%	\$128	0.0%	\$101	\$27	\$128	2020Q3	10.4%	\$112	\$30	\$142
0.2%	Project Operations	\$81	\$22	27.0%	\$103	0.0%	\$81	\$22	\$103	2019Q2	4.9%	\$85	\$23	\$108
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2019Q2	4.9%	\$26	\$7	\$33
31	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$1,207	\$326	27.0%	\$1,533	0.0%	\$1,207	\$326	\$1,533	2020Q3	10.4%	\$1,333	\$360	\$1,693
2.0%	Project Operation:	\$805	\$217	27.0%	\$1,022	0.0%	\$805	\$217	\$1,022	2020Q3	10.4%	\$889	\$240	\$1,129
2.5%	Project Management	\$1,006	\$272	27.0%	\$1,278	0.0%	\$1,006	\$272	\$1,278	2020Q3	10.4%	\$1,111	\$300	\$1,411
<b>CONTRACT COST TOTALS:</b>		\$48,895	\$13,202		\$62,097		\$48,895	\$13,202	\$62,097			\$51,564	\$13,922	\$65,487



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

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

PROJECT: Freeport Harbor Channel Improvement Project  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report;

Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	n Year (Budget EC): ive Price Level Date:	2018 1 OCT 17			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
12	CONTRACT 2 - Dredge Half of Outer Bar (Sta. -150+00 to 0+00) & Jetty Ch Reach (Sta. 0+00 to 71+52) NAVIGATION PORTS & HARBORS	\$56,848	\$15,349	27.0%	\$72,197	0.0%	\$56,848	\$15,349	\$72,197	2022Q1	8.3%	\$61,566	\$16,623	\$78,189
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$56,848	\$15,349	27.0%	\$72,197		\$56,848	\$15,349	\$72,197			\$61,566	\$16,623	\$78,189
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
0.3%	Project Management	\$193	\$52	27.0%	\$245	0.0%	\$193	\$52	\$245	2021Q1	12.7%	\$217	\$59	\$276
0.2%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2021Q1	12.7%	\$113	\$30	\$143
0.8%	Engineering & Design	\$470	\$127	27.0%	\$597	0.0%	\$470	\$127	\$597	2021Q1	12.7%	\$529	\$143	\$672
0.6%	Reviews, ATRs, IEPRs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2021Q1	12.7%	\$394	\$106	\$501
0.2%	Life Cycle Updates (cost, schedule, risks)	\$116	\$31	27.0%	\$147	0.0%	\$116	\$31	\$147	2021Q1	12.7%	\$131	\$35	\$166
0.4%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2021Q1	12.7%	\$225	\$61	\$286
0.2%	Engineering During Construction	\$116	\$31	27.0%	\$147	0.0%	\$116	\$31	\$147	2022Q1	17.3%	\$136	\$37	\$173
0.3%	Planning During Construction	\$145	\$39	27.0%	\$184	0.0%	\$145	\$39	\$184	2022Q1	17.3%	\$170	\$46	\$216
0.2%	Project Operations	\$116	\$31	27.0%	\$147	0.0%	\$116	\$31	\$147	2021Q1	12.7%	\$131	\$35	\$166
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2021Q1	12.7%	\$28	\$8	\$36
31	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$1,705	\$460	27.0%	\$2,165	0.0%	\$1,705	\$460	\$2,165	2022Q1	17.3%	\$2,000	\$540	\$2,539
2.0%	Project Operation:	\$1,137	\$307	27.0%	\$1,444	0.0%	\$1,137	\$307	\$1,444	2022Q1	17.3%	\$1,333	\$360	\$1,693
2.5%	Project Management	\$1,421	\$384	27.0%	\$1,805	0.0%	\$1,421	\$384	\$1,805	2022Q1	17.3%	\$1,666	\$450	\$2,116
<b>CONTRACT COST TOTALS:</b>		\$62,942	\$16,994		\$79,936		\$62,942	\$16,994	\$79,936			\$68,640	\$18,533	\$87,173

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

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

PROJECT: Freeport Harbor Channel Improvement Project  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report;

Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

PREPARED: 11/17/2017

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:			17-Nov-17 1-Oct-17	n Year (Budget EC): ve Price Level Date:			2018 1 OCT 17	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						
12	CONTRACT 3 - Creation of PA 8 NAVIGATION PORTS & HARBORS	\$6,491	\$1,753	27.0%	\$8,244	0.0%	\$6,491	\$1,753	\$8,244	2020Q4	5.7%	\$6,859	\$1,852	\$8,711
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$6,491	\$1,753	27.0%	\$8,244		\$6,491	\$1,753	\$8,244			\$6,859	\$1,852	\$8,711
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
2.0%	Project Management	\$133	\$36	27.0%	\$169	0.0%	\$133	\$36	\$169	2020Q2	9.3%	\$145	\$39	\$185
1.5%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2020Q2	9.3%	\$109	\$30	\$139
6.2%	Engineering & Design	\$400	\$108	27.0%	\$508	0.0%	\$400	\$108	\$508	2020Q2	9.3%	\$437	\$118	\$555
5.4%	Reviews, ATRs, IEPs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2020Q2	9.3%	\$383	\$103	\$486
0.2%	Life Cycle Updates (cost, schedule, risks)	\$13	\$4	27.0%	\$17	0.0%	\$13	\$4	\$17	2020Q2	9.3%	\$14	\$4	\$18
3.1%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2020Q2	9.3%	\$219	\$59	\$278
0.2%	Engineering During Construction	\$13	\$4	27.0%	\$17	0.0%	\$13	\$4	\$17	2020Q4	11.5%	\$14	\$4	\$18
0.2%	Planning During Construction	\$16	\$4	27.0%	\$20	0.0%	\$16	\$4	\$20	2020Q4	11.5%	\$18	\$5	\$23
0.2%	Project Operations	\$13	\$4	27.0%	\$17	0.0%	\$13	\$4	\$17	2020Q2	9.3%	\$14	\$4	\$18
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2020Q2	9.3%	\$27	\$7	\$35
31	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$195	\$53	27.0%	\$248	0.0%	\$195	\$53	\$248	2020Q4	11.5%	\$217	\$59	\$276
2.0%	Project Operation:	\$130	\$35	27.0%	\$165	0.0%	\$130	\$35	\$165	2020Q4	11.5%	\$145	\$39	\$184
2.5%	Project Management	\$162	\$44	27.0%	\$206	0.0%	\$162	\$44	\$206	2020Q4	11.5%	\$181	\$49	\$229
<b>CONTRACT COST TOTALS:</b>		\$8,241	\$2,225		\$10,466		\$8,241	\$2,225	\$10,466			\$8,783	\$2,371	\$11,154

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

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

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
 LOCATION: Freeport, Texas  
 This Estimate reflects the scope and schedule in report; Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
 POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.  
 PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	Effective Price Level Date: 1 OCT 17				FULLY FUNDED PROJECT ESTIMATE					
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	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
<b>CONTRACT 4 - Real Estate for PA 8</b>														
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$0	\$0	0.0%	\$0	\$0	\$0	\$0	\$0			\$0	\$0	\$0
<b>01</b>	LANDS AND DAMAGES	\$665	\$158	23.8%	\$823	0.0%	\$665	\$158	\$823	2020Q1	4.1%	\$692	\$165	\$857
<b>30</b>	PLANNING, ENGINEERING & DESIGN													
0.0%	Project Management	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Planning & Environmental Compliance	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Engineering & Design	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Reviews, ATRs, IEPRs, VE	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Life Cycle Updates (cost, schedule, risks)	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Contracting & Reprographics	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Engineering During Construction	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Planning During Construction	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Project Operations	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
	Real Estate In-House Labor	\$120	\$20	16.7%	\$140	0.0%	\$120	\$20	\$140	2019Q4	7.1%	\$129	\$21	\$150
<b>31</b>	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
2.0%	Project Operation:	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
2.5%	Project Management	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
<b>CONTRACT COST TOTALS:</b>		\$785	\$178		\$963	\$785	\$178	\$963			\$821	\$186	\$1,007	



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DISTRICT: Galveston District  
 POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.  
 PREPARED: 11/17/2017

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										Mid-Point Date P	INFLATED (%) L	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O				
	CONTRACT 5 - Dredge LTB (Sta. 71+52 to 78+52), Ch to BRZPT & New BRZPT TB (Sta. 78+52 to 115+00)																	
12	NAVIGATION PORTS & HARBORS	\$15,560	\$4,201	27.0%	\$19,761	0.0%	\$15,560	\$4,201	\$19,761	2022Q3	9.4%	\$17,021	\$4,596	\$21,617				
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$15,560	\$4,201	27.0%	\$19,761		\$15,560	\$4,201	\$19,761			\$17,021	\$4,596	\$21,617				
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0				
30	PLANNING, ENGINEERING & DESIGN																	
1.1%	Project Management	\$168	\$45	27.0%	\$213	0.0%	\$168	\$45	\$213	2022Q1	17.3%	\$197	\$53	\$250				
0.6%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2022Q1	17.3%	\$117	\$32	\$149				
4.0%	Engineering & Design	\$620	\$167	27.0%	\$787	0.0%	\$620	\$167	\$787	2022Q1	17.3%	\$727	\$196	\$923				
2.2%	Reviews, ATRs, IEPRs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2022Q1	17.3%	\$410	\$111	\$521				
0.2%	Life Cycle Updates (cost, schedule, risks)	\$31	\$8	27.0%	\$39	0.0%	\$31	\$8	\$39	2022Q1	17.3%	\$36	\$10	\$46				
1.3%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2022Q1	17.3%	\$235	\$63	\$298				
0.2%	Engineering During Construction	\$31	\$8	27.0%	\$39	0.0%	\$31	\$8	\$39	2022Q3	19.7%	\$37	\$10	\$47				
0.3%	Planning During Construction	\$39	\$11	27.0%	\$50	0.0%	\$39	\$11	\$50	2022Q3	19.7%	\$47	\$13	\$59				
0.2%	Project Operations	\$31	\$8	27.0%	\$39	0.0%	\$31	\$8	\$39	2022Q1	17.3%	\$36	\$10	\$46				
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2022Q1	17.3%	\$29	\$8	\$37				
31	CONSTRUCTION MANAGEMENT																	
3.0%	Construction Management	\$467	\$126	27.0%	\$593	0.0%	\$467	\$126	\$593	2022Q3	19.7%	\$559	\$151	\$710				
2.0%	Project Operation:	\$311	\$84	27.0%	\$395	0.0%	\$311	\$84	\$395	2022Q3	19.7%	\$372	\$100	\$473				
2.5%	Project Management	\$389	\$105	27.0%	\$494	0.0%	\$389	\$105	\$494	2022Q3	19.7%	\$465	\$126	\$591				
<b>CONTRACT COST TOTALS:</b>		\$18,322	\$4,947		\$23,269		\$18,322	\$4,947	\$23,269			\$20,290	\$5,478	\$25,768				

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

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

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report;

Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	TOTAL (\$K) F	Effective Price Level Date: 1 OCT 17			Mid-Point Date P	INFLATED (%) L	FULLY FUNDED PROJECT ESTIMATE			
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E		ESC (%) G	COST (\$K) H	CNTG (\$K) I			TOTAL (\$K) J	COST (\$K) M	CNTG (\$K) N	FULL (\$K) O
12	CONTRACT 6 - Dredge Ch to Upper TB (Sta. 115+00 to 132+66) through Upper TB (Sta. 132+66 to 184+20) NAVIGATION PORTS & HARBORS	\$14,810	\$3,999	27.0%	\$18,809	0.0%	\$14,810	\$3,999	\$18,809	2022Q1	8.3%	\$16,039	\$4,331	\$20,370
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$14,810	\$3,999	27.0%	\$18,809		\$14,810	\$3,999	\$18,809			\$16,039	\$4,331	\$20,370
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
1.1%	Project Management	\$168	\$45	27.0%	\$213	0.0%	\$168	\$45	\$213	2021Q3	14.9%	\$193	\$52	\$245
0.7%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2021Q3	14.9%	\$115	\$31	\$146
4.2%	Engineering & Design	\$620	\$167	27.0%	\$787	0.0%	\$620	\$167	\$787	2021Q3	14.9%	\$713	\$192	\$905
2.4%	Reviews, ATRs, IEPs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2021Q3	14.9%	\$402	\$109	\$511
0.2%	Life Cycle Updates (cost, schedule, risks)	\$30	\$8	27.0%	\$38	0.0%	\$30	\$8	\$38	2021Q3	14.9%	\$34	\$9	\$44
1.4%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2021Q3	14.9%	\$230	\$62	\$292
0.2%	Engineering During Construction	\$30	\$8	27.0%	\$38	0.0%	\$30	\$8	\$38	2022Q1	17.3%	\$35	\$9	\$45
0.2%	Planning During Construction	\$37	\$10	27.0%	\$47	0.0%	\$37	\$10	\$47	2022Q1	17.3%	\$43	\$12	\$55
0.2%	Project Operations	\$30	\$8	27.0%	\$38	0.0%	\$30	\$8	\$38	2021Q3	14.9%	\$34	\$9	\$44
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2021Q3	14.9%	\$29	\$8	\$36
31	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$444	\$120	27.0%	\$564	0.0%	\$444	\$120	\$564	2022Q1	17.3%	\$521	\$141	\$661
2.0%	Project Operation:	\$296	\$80	27.0%	\$376	0.0%	\$296	\$80	\$376	2022Q1	17.3%	\$347	\$94	\$441
2.5%	Project Management	\$370	\$100	27.0%	\$470	0.0%	\$370	\$100	\$470	2022Q1	17.3%	\$434	\$117	\$551
<b>CONTRACT COST TOTALS:</b>		\$17,510	\$4,728		\$22,238		\$17,510	\$4,728	\$22,238			\$19,170	\$5,176	\$24,346

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

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

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report; Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.  
PREPARED: 11/17/2017

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:		17-Nov-17		Effective Price Level Date: 2018				FULLY FUNDED PROJECT ESTIMATE				
		Effective Price Level:		1-Oct-17		ESC	COST	CNTG	TOTAL	Mid-Point	INFLATED	COST	CNTG	FULL
A	B	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	(%) G	(\$K) H	(\$K) I	(\$K) J	Date P	(%) L	(\$K) M	(\$K) N	(\$K) O
<b>CONTRACT 7 - Dredge Lower Stauffer Ch (Sta. 184+20 to 222+00) and Upper Stauffer Ch (Sta. 222+00 to 260+00)</b>														
12	NAVIGATION PORTS & HARBORS	\$22,528	\$6,083	27.0%	\$28,611	0.0%	\$22,528	\$6,083	\$28,611	2021Q3	7.2%	\$24,160	\$6,523	\$30,684
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$22,528	\$6,083	27.0%	\$28,611		\$22,528	\$6,083	\$28,611			\$24,160	\$6,523	\$30,684
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
0.8%	Project Management	\$175	\$47	27.0%	\$222	0.0%	\$175	\$47	\$222	2021Q1	12.7%	\$197	\$53	\$250
0.4%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2021Q1	12.7%	\$113	\$30	\$143
2.8%	Engineering & Design	\$620	\$167	27.0%	\$787	0.0%	\$620	\$167	\$787	2021Q1	12.7%	\$698	\$189	\$887
1.6%	Reviews, ATRs, IEPRs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2021Q1	12.7%	\$394	\$106	\$501
0.2%	Life Cycle Updates (cost, schedule, risks)	\$45	\$12	27.0%	\$57	0.0%	\$45	\$12	\$57	2021Q1	12.7%	\$51	\$14	\$64
0.9%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2021Q1	12.7%	\$225	\$61	\$286
0.2%	Engineering During Construction	\$45	\$12	27.0%	\$57	0.0%	\$45	\$12	\$57	2021Q3	14.9%	\$52	\$14	\$66
0.2%	Planning During Construction	\$56	\$15	27.0%	\$71	0.0%	\$56	\$15	\$71	2021Q3	14.9%	\$64	\$17	\$82
0.2%	Project Operations	\$45	\$12	27.0%	\$57	0.0%	\$45	\$12	\$57	2021Q1	12.7%	\$51	\$14	\$64
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2021Q1	12.7%	\$28	\$8	\$36
31	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$676	\$183	27.0%	\$859	0.0%	\$676	\$183	\$859	2021Q3	14.9%	\$777	\$210	\$987
2.0%	Project Operation:	\$451	\$122	27.0%	\$573	0.0%	\$451	\$122	\$573	2021Q3	14.9%	\$518	\$140	\$658
2.5%	Project Management	\$563	\$152	27.0%	\$715	0.0%	\$563	\$152	\$715	2021Q3	14.9%	\$647	\$175	\$822
<b>CONTRACT COST TOTALS:</b>		\$25,879	\$6,987		\$32,866		\$25,879	\$6,987	\$32,866			\$27,976	\$7,554	\$35,530

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

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

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
 LOCATION: Freeport, Texas  
 This Estimate reflects the scope and schedule in report; Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
 POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.  
 PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	TOTAL (\$K) F	Effective Price Level Date: 1 OCT 17		ESC (%) G	COST (\$K) H	CNTG (\$K) I	TOTAL (\$K) J	FULLY FUNDED PROJECT ESTIMATE				
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E		Mid-Point Date P	INFLATED (%) L					COST (\$K) M	CNTG (\$K) N	FULL (\$K) O		
06	CONTRACT 8 - PA Mitigation FISH & WILDLIFE FACILITIES	\$161	\$43	27.0%	\$204	0.0%	\$161	\$43	\$204	2020Q3	5.1%	\$169	\$46	\$215		
CONSTRUCTION ESTIMATE TOTALS:		\$161	\$43	27.0%	204		\$161	\$43	\$204			\$169	\$46	\$215		
01	LANDS AND DAMAGES	\$821	\$199	24.2%	\$1,020	0.0%	\$821	\$199	\$1,020	2020Q3	5.1%	\$863	\$209	\$1,072		
30	PLANNING, ENGINEERING & DESIGN															
26.1%	Project Management	\$42	\$11	27.0%	\$53	0.0%	\$42	\$11	\$53	2020Q2	9.3%	\$46	\$12	\$58		
62.1%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2020Q2	9.3%	\$109	\$30	\$139		
31.1%	Engineering & Design	\$50	\$14	27.0%	\$64	0.0%	\$50	\$14	\$64	2020Q2	9.3%	\$55	\$15	\$69		
62.1%	Reviews, ATRs, IEPs, VE	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2020Q2	9.3%	\$109	\$30	\$139		
0.0%	Life Cycle Updates (cost, schedule, risks)	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
62.1%	Contracting & Reprographics	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2020Q2	9.3%	\$109	\$30	\$139		
0.0%	Engineering During Construction	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
0.0%	Planning During Construction	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
0.0%	Project Operations	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0		
	Real Estate In-House Labor	\$50	\$10	20.0%	\$60	0.0%	\$50	\$10	\$60	2020Q2	9.3%	\$55	\$11	\$66		
31	CONSTRUCTION MANAGEMENT															
3.0%	Construction Management	\$5	\$1	27.0%	6	0.0%	\$5	\$1	\$6	2020Q3	10.4%	\$6	\$1	\$7		
2.0%	Project Operation:	\$3	\$1	27.0%	4	0.0%	\$3	\$1	\$4	2020Q3	10.4%	\$3	\$1	\$4		
2.5%	Project Management	\$4	\$1	27.0%	5	0.0%	\$4	\$1	\$5	2020Q3	10.4%	\$4	\$1	\$5		
CONTRACT COST TOTALS:		\$1,436	\$362		1,798		\$1,436	\$362	\$1,798			\$1,529	\$385	\$1,914		



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

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

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
 LOCATION: Freeport, Texas  
 This Estimate reflects the scope and schedule in report; Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
 POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.  
 PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	TOTAL (\$K) F	Effective Price Level Date: 2018 1 OCT 17				FULLY FUNDED PROJECT ESTIMATE				
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E		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
12	CONTRACT A - GRR PA 1 Containment Dike Raise NAVIGATION PORTS & HARBORS	\$5,285	\$1,427	27.0%	\$6,712	0.0%	\$5,285	\$1,427	\$6,712	2020Q2	4.6%	\$5,529	\$1,493	\$7,022
<b>CONSTRUCTION ESTIMATE TOTALS:</b>		\$5,285	\$1,427	27.0%	\$6,712		\$5,285	\$1,427	\$6,712			\$5,529	\$1,493	\$7,022
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
2.8%	Project Management	\$146	\$39	27.0%	\$185	0.0%	\$146	\$39	\$185	2019Q4	7.1%	\$156	\$42	\$199
1.9%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2019Q4	7.1%	\$107	\$29	\$136
9.8%	Engineering & Design	\$520	\$140	27.0%	\$660	0.0%	\$520	\$140	\$660	2019Q4	7.1%	\$557	\$150	\$707
6.6%	Reviews, ATRs, IEPs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2019Q4	7.1%	\$375	\$101	\$476
0.2%	Life Cycle Updates (cost, schedule, risks)	\$11	\$3	27.0%	\$14	0.0%	\$11	\$3	\$14	2019Q4	7.1%	\$12	\$3	\$15
3.8%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2019Q4	7.1%	\$214	\$58	\$272
0.2%	Engineering During Construction	\$11	\$3	27.0%	\$14	0.0%	\$11	\$3	\$14	2020Q2	9.3%	\$12	\$3	\$15
0.2%	Planning During Construction	\$13	\$4	27.0%	\$17	0.0%	\$13	\$4	\$17	2020Q2	9.3%	\$14	\$4	\$18
0.2%	Project Operations	\$11	\$3	27.0%	\$14	0.0%	\$11	\$3	\$14	2019Q4	7.1%	\$12	\$3	\$15
	Real Estate In-House Labor	\$25	\$7	27.0%	\$32	0.0%	\$25	\$7	\$32	2019Q4	7.1%	\$27	\$7	\$34
31	CONSTRUCTION MANAGEMENT													
3.0%	Construction Management	\$159	\$43	27.0%	\$202	0.0%	\$159	\$43	\$202	2020Q2	9.3%	\$174	\$47	\$221
2.0%	Project Operation:	\$106	\$29	27.0%	\$135	0.0%	\$106	\$29	\$135	2020Q2	9.3%	\$116	\$31	\$147
2.5%	Project Management	\$132	\$36	27.0%	\$168	0.0%	\$132	\$36	\$168	2020Q2	9.3%	\$144	\$39	\$183
<b>CONTRACT COST TOTALS:</b>		\$7,069	\$1,909		\$8,978		\$7,069	\$1,909	\$8,978			\$7,449	\$2,011	\$9,460



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

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PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report;

Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	Effective Price Level Date: 1 OCT 17				FULLY FUNDED PROJECT ESTIMATE						
		COST (\$K) C	CNTG (\$K) D	CNTG (%) E	TOTAL (\$K) F	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	
<b>12</b>	<b>CONTRACT B - GRR Dredging &amp; Bank Stabilization</b>														
	NAVIGATION PORTS & HARBORS	\$15,629	\$4,220	27.0%	\$19,849	0.0%	\$15,629	\$4,220	\$19,849	2021Q2	6.7%	\$16,678	\$4,503	\$21,181	
<b>16</b>	BANK STABILIZATION	\$1,094	\$295	27.0%	\$1,389	0.0%	\$1,094	\$295	\$1,389	2021Q2	6.7%	\$1,167	\$315	\$1,483	
	<b>CONSTRUCTION ESTIMATE TOTALS:</b>	\$16,723	\$4,515	27.0%	\$21,238		\$16,723	\$4,515	\$21,238			\$17,845	\$4,818	\$22,663	
<b>01</b>	LANDS AND DAMAGES	\$3,626	\$903	24.9%	\$4,529	0.0%	\$3,626	\$903	\$4,529	2021Q2	6.7%	\$3,869	\$964	\$4,833	
<b>30</b>	PLANNING, ENGINEERING & DESIGN														
1.0%	Project Management	\$171	\$46	27.0%	\$217	0.0%	\$171	\$46	\$217	2020Q4	11.5%	\$191	\$51	\$242	
0.6%	Planning & Environmental Compliance	\$100	\$27	27.0%	\$127	0.0%	\$100	\$27	\$127	2020Q4	11.5%	\$112	\$30	\$142	
3.7%	Engineering & Design	\$620	\$167	27.0%	\$787	0.0%	\$620	\$167	\$787	2020Q4	11.5%	\$692	\$187	\$878	
2.1%	Reviews, ATRs, IEPs, VE	\$350	\$95	27.0%	\$445	0.0%	\$350	\$95	\$445	2020Q4	11.5%	\$390	\$105	\$496	
0.2%	Life Cycle Updates (cost, schedule, risks)	\$37	\$10	27.0%	\$47	0.0%	\$37	\$10	\$47	2020Q4	11.5%	\$41	\$11	\$52	
1.2%	Contracting & Reprographics	\$200	\$54	27.0%	\$254	0.0%	\$200	\$54	\$254	2020Q4	11.5%	\$223	\$60	\$283	
0.2%	Engineering During Construction	\$37	\$10	27.0%	\$47	0.0%	\$37	\$10	\$47	2021Q2	13.8%	\$42	\$11	\$53	
0.3%	Planning During Construction	\$46	\$12	27.0%	\$58	0.0%	\$46	\$12	\$58	2021Q2	13.8%	\$52	\$14	\$66	
0.2%	Project Operations	\$37	\$10	27.0%	\$47	0.0%	\$37	\$10	\$47	2020Q4	11.5%	\$41	\$11	\$52	
	Real Estate In-House Labor	\$106	\$27	25.0%	\$133	0.0%	\$106	\$27	\$133	2020Q4	11.5%	\$118	\$30	\$148	
<b>31</b>	CONSTRUCTION MANAGEMENT														
3.0%	Construction Management	\$502	\$136	27.0%	\$638	0.0%	\$502	\$136	\$638	2021Q2	13.8%	\$571	\$154	\$725	
2.0%	Project Operation:	\$334	\$90	27.0%	\$424	0.0%	\$334	\$90	\$424	2021Q2	13.8%	\$380	\$103	\$483	
2.5%	Project Management	\$418	\$113	27.0%	\$531	0.0%	\$418	\$113	\$531	2021Q2	13.8%	\$476	\$128	\$604	
	<b>CONTRACT COST TOTALS:</b>	\$23,307	\$6,215		\$29,522		\$23,307	\$6,215	\$29,522			\$25,044	\$6,678	\$31,722	

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

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

PROJECT: Freeport Harbor Channel Improvement Project GRR-EA  
LOCATION: Freeport, Texas  
This Estimate reflects the scope and schedule in report;

Freeport DIGRR-EA Nov 2017

DISTRICT: Galveston District  
POC: CHIEF, COST ENGINEERING, Willie Joe Honza, P.E.

PREPARED: 11/17/2017

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:		17-Nov-17 1-Oct-17	2018 Effective Price Level Date: 1 OCT 17				FULLY FUNDED PROJECT ESTIMATE					
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	ESC (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	Mid-Point Date	INFLATED (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
A	B	C	D	E	F	G	H	I	J	P	L	M	N	O
	<b>Associated Costs</b>													
11	Reach 3 - Stability Feature Modifications	\$11,024	\$2,976	27.0%	\$14,000	0.0%	\$11,024	\$2,976	\$14,000	2020Q4	5.7%	\$11,649	\$3,145	\$14,794
12	Reach 1 - Berth Improvements & Dock Dredging	\$24,232	\$6,543	27.0%	\$30,775	0.0%	\$24,232	\$6,543	\$30,775	2020Q4	5.7%	\$25,606	\$6,913	\$32,519
12	Reach 2 - Berth Improvements & Dock Dredging	\$3,547	\$958	27.0%	\$4,505	0.0%	\$3,547	\$958	\$4,505	2020Q4	5.7%	\$3,748	\$1,012	\$4,760
12	Reach 3 - Berth Improvements & Dock Dredging	\$16,111	\$4,350	27.0%	\$20,462	0.0%	\$16,111	\$4,350	\$20,462	2020Q4	5.7%	\$17,025	\$4,597	\$21,621
12	Reach 4 - Berth Improvements & Dock Dredging	\$1,801	\$486	27.0%	\$2,287	0.0%	\$1,801	\$486	\$2,287	2020Q4	5.7%	\$1,903	\$514	\$2,416
12	Aids to Navigation (USCG)	\$1,090	\$294	27.0%	\$1,384	0.0%	\$1,090	\$294	\$1,384	2022Q1	8.3%	\$1,180	\$319	\$1,499
	<b>CONSTRUCTION ESTIMATE TOTALS:</b>	\$57,805	\$15,607	27.0%	\$73,413		\$57,805	\$15,607	\$73,413			\$61,110	\$16,500	\$77,609
01	LANDS AND DAMAGES	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
30	PLANNING, ENGINEERING & DESIGN													
0.0%	Project Management	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Planning & Environmental Compliance	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Engineering & Design	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Reviews, ATRs, IEPs, VE	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Life Cycle Updates (cost, schedule, risks)	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Contracting & Reprographics	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Engineering During Construction	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Planning During Construction	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Project Operations	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
31	CONSTRUCTION MANAGEMENT													
0.0%	Construction Management	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Project Operation:	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
0.0%	Project Management	\$0	\$0	27.0%	\$0	0.0%	\$0	\$0	\$0	0	0.0%	\$0	\$0	\$0
	<b>CONTRACT COST TOTALS:</b>	\$57,805	\$15,607		\$73,413		\$57,805	\$15,607	\$73,413			\$61,110	\$16,500	\$77,609