



Terminal 2 Rehabilitation – East Pier

U.S. Department of Transportation – Maritime Administration

Port Infrastructure Development Program (PIDP)

Opportunity Number: MA-PID-21-001

Appendix D

Construction Cost Estimate



Terminal 2 - East Pier Rehabilitation Preliminary Cost Estimate

Original Estimate: 1/3/2020

Revised: 7/12/2021

#	DESCRIPTION	BID QTY	UNIT	UNIT PRICE	TOTAL
1	Mobilization and Demobilization	1	LS	\$ 180,000.00	\$ 180,000.00
2	Demolish Structure & Pull Piling	1	LS	\$ 150,000.00	\$ 150,000.00
3	Excavation/Utilities/Backfill at Bulkhead	1	LS	\$ 200,000.00	\$ 200,000.00
4	Furnish & Install Concrete Pilings (18" diameter octagonal)	32	EA	\$ 17,000.00	\$ 544,000.00
5	Epoxy Coating of Steel Sheet Piles	1	LS	\$ 250,000.00	\$ 250,000.00
6	Furnish & Install Sheet Pile Wall (AZ25, 30' long)	336	LF	\$ 1,500.00	\$ 504,000.00
7	Build CIP Pile Caps	200	CY	\$ 1,000.00	\$ 200,000.00
8	Furnish & Place RipRap	140	TN	\$ 80.00	\$ 11,200.00
9	Furnish & Set Deck Panels	48	EA	\$ 4,000.00	\$ 192,000.00
10	CIP Closure Pours & CIP Deck Areas	160	CY	\$ 400.00	\$ 64,000.00
11	Pour Sear Keys & Grout Pockets	18	CY	\$ 400.00	\$ 7,200.00
12	Steel Bullrail & Hand Rail	210	LF	\$ 145.00	\$ 30,450.00
13	Removal & Disposal of ex. Pavement	1,550	SY	\$ 25.00	\$ 38,750.00
14	Excavation Including Haul	1,550	CY	\$ 60.00	\$ 93,000.00
15	Furnish & Install Ballast/Top Course	500	TN	\$ 65.00	\$ 32,500.00
16	Asphalt Paving	220	TN	\$ 120.00	\$ 26,400.00
17	Miscellaneous Items & Contingency	50%	%	\$ 2,523,500.00	\$ 1,261,750.00
18	Contractor Overhead, Profit & Insurance	15%	%	\$ 3,785,250.00	\$ 567,787.50
19	Project Schedule Escalation Through 2024	16%	%	\$ 4,353,037.50	\$ 696,486.00
20	8.8% Sales Tax	8.8%	%	\$ 5,049,523.50	\$ 444,358.07
CONSTRUCTION SUBTOTAL				\$	5,493,881.57
CONSTRUCTION SUBTOTAL ROUNDED UP				\$	5,500,000.00
ENGINEERING DESIGN				\$	375,000.00
PROJECT MANAGEMENT				\$	125,000.00
TOTAL				\$	6,000,000.00