

PROJECT: T5 CY Expansion

Estimate By : Thais Howard

5/6/2022

5

No.	Description	Qty	Unit	Unit Price	Ext. Price	Component Costs	COMMENTS
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WORK COMPONENT ONE - Demo, Pave, Storm

1	Mobilization	1	EA	100,000.00	100,000		
2	CFS Demo	1	LS	2,300,000.00	2,300,000		
3	CFS Area Pavement Restoration	1	LS	1,700,000.00	1,700,000		
4	Stormwater Infrastructure	6	Acre	175,000.00	1,050,000		
5	Demo fuel stations	2	EA	250,000.00	500,000		Allowance only
SUBTOTAL					5,150,000		
CONTINGENCY				40%	5,150,000.00	2,060,000	
SUBTOTAL-CONSTRUCTION						7,210,000	
WSST @ 10.3%				10.3%	7,210,000.00	742,630	
Port Staff (PM)				8%	7,210,000.00	576,800	
Design, Permitting, Construction Management				20%	7,210,000.00	1,442,000	
Material Testing & Inspection Services				2%	7,210,000.00	144,200	

WORK COMPONENT ONE - Demo, Pave, Storm : Total Estimated Costs**\$10,115,630****WORK COMPONENT TWO - Grant Administration Costs**

1	Additional Permitting (i.e. NEPA)	1	LS	300,000.00	300,000		
2	Grant Administration	2%		10,115,630.00	202,313		
SUBTOTAL						502,313	
Contingency				10.0%	502,312.60	50,231	

WORK COMPONENT TWO - Grant Administration Cost: Total Estimated Costs**\$552,544****TOTAL COSTS****\$10,669,000**



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SSAMarine.
A Carrix Enterprise

TERMINAL 5 GATE COMPLEX
DRAFT 60% ESTIMATE OF PROBABLE CAPITAL CONSTRUCTION COST

Project: Terminal 5 Gate Complex
Subject: DRAFT 60% Estimate of Probable Capital Construction Cost
Client: SSA Terminals LLC.
By: E. Nielsen, P.E., N. Watson, P.E.
Job #: 2100019
Date: 18-Mar-22

DRAFT

18-Mar-22			T5 Gate Complex		
ITEM NO.	DESCRIPTION OF SITE WORK	UNITS	QUANT	UNIT PRICE	TOTAL
1	Mobilization and Demobilization	LS	1	\$ 849,000	\$ 849,000
2	Survey	LS	1	\$ 171,000	\$ 171,000
3	Material Testing	LS	1	\$ 120,000	\$ 120,000
4	Temporary Erosion and Sediment Control	LS	1	\$ 196,000	\$ 196,000
5	Temporary Water Treatment and Disposal	LS	1	\$ 353,000	\$ 353,000
6	Temporary Stormwater Reroute	LS	1	\$ 85,000	\$ 85,000
7	Construction Dewatering	LS	1	\$ 212,000	\$ 212,000
8	Site Demolition	LS	1	\$ 654,000	\$ 654,000
9	Existing Gate Canopy Demolition	LS	1	\$ 208,000	\$ 208,000
10	Shoring and Trench Safety Systems	LS	1	\$ 808,000	\$ 808,000
11	Earthwork	LS	1	\$ 744,589	\$ 745,000
12	Soil Transportation and Disposal	TONS	16,454	\$ 88	\$ 1,448,000
13	Quarry Spalls	TONS	165	\$ 77	\$ 14,000
14	Crushed Surfacing Base Course	TONS	5,363	\$ 79	\$ 425,000
15	Bituminous Concrete Pavement	TONS	3,514	\$ 203	\$ 715,000
16	PCC Paving	CY	125	\$ 750	\$ 94,000
17	Storm Drainage Utilities	LS	1	\$ 416,000	\$ 416,000
18	Waterline Reroute	LS	1	\$ 20,000	\$ 20,000
19	Restroom Waterline	LS	1	\$ 5,000	\$ 5,000
20	Restroom Sanitary Sewer	LS	1	\$ 59,000	\$ 59,000
21	Bollards - 12-inch diam with rub rail	EA	51	\$ 2,500	\$ 128,000
22	Bollards - 6-inch diam with rub rail	EA	20	\$ 1,900	\$ 38,000
23	K-Rail	EA	302	\$ 1,690	\$ 511,000
24	Concrete Scale Pits, Curbs, and Pedestals	LS	1	\$ 773,607	\$ 773,700
25	Trouble Parking Restroom Foundation	LS	1	\$ 18,000	\$ 18,000
26	Pavement Markings	LS	1	\$ 57,000	\$ 57,000
27	Electrical	LS	1	\$ 623,000	\$ 623,000
28	Phasing and Temporary Striping	LS	1	\$ 27,000	\$ 27,000
29	Unknown Obstructions	FA	1	\$ 30,000	\$ 30,000
30	Covid-19 Safety Allowance	ALLOW	1	\$ 30,000	\$ 30,000
Contractor Subtotal (Base):					\$ 9,832,700
31	Contingency		15%		\$ 1,475,000
32	Washington Sales Tax (10.25%)		10.25%		\$ 1,008,000
33	Contractor Subtotal (Base+WSST):				\$ 12,316,000
Owner Furnished Items:					
34	Tideworks Equipment				\$ 20,000
35	Truck Scales and Equipment relocation				\$ 80,000
36	Trouble Parking Restroom Facility (Romtec)				\$ 125,000
37	Trouble Parking Restroom Facility Installation (Romtec)				\$ 175,000
38	Owner Furnished Items Subtotal:				\$ 400,000
39	Base Scope Subtotal :				\$ 12,716,000
SSA Additional Items for 4 future scales					
11'	Additional Excavation Required for Future Scales	CY	607	\$ 60	\$ 36,411
12'	Additional Soil Transportation and Disposal for Future Scales	TONS	1,153	\$ 88	\$ 101,466
24'	Additional Concrete Scale Pits, Curbs, and Pedestals	LS	1	\$ 101,393	\$ 101,393
40	SSA Added Items Construction Subtotal				\$ 239,270
41	Contingency		15%		\$ 36,000
42	Washington Sales Tax (10.25%)		10.25%		\$ 25,000
43	SSA Added Items Subtotal (Base+WSST):				\$ 300,270
44	T5 Gate Complex Total (Base Scope + SSA Additional):				\$ 13,017,000
45					-5% \$ 12,367,000
46	Total Construction				5% \$ 13,668,000
47	Design, Permitting, and Construction Management and Inspection				\$ 1,922,500
TOTAL PROJECT				5%	\$ 15,590,500

NOTES:

- General All unit rates and lump sum values are fully loaded inclusive of all contractor overhead and profit.
General Totals are rounded up to the nearest one thousand.
General All unit prices have been escalated approximately 6% to an assumed construction year 2023.
General Owner furnished items include sales tax and contingency
- 1 Mobilization is assumed to be 9.5% based on previous T5 Bid Tabs and WSDOT mobilization criteria.
12 Assume all excavated material will be Subtitle D disposal and no on site material will be reused as backfill unless otherwise noted.
31 Tideworks Equipment cost is a placeholder for additional Fiber Switches required to utilize existing fiber from M&R Shop to Admin Bldg
43 SSA Added Items will be part of the contractors bid, but separated here for reimbursement negotiation.
44 T5 Gate Complex Total is a summation of line items 39 and 43
45-46 Cost estimate is consistent with a Class 1/2 estimate per the AACE Cost Classification System.
A +5% to -5% range has been applied to the project site work.