

CONSTRUCTION DIVISION

ENGINEERING EST: \$3,167,950.00
 ADVERTISED DATE: SEPTEMBER 28, 2016
 BID OPENING DATE: NOVEMBER 2, 2016

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	GRAND TOTAL		ITEM 1		ITEM 2	
	BID ITEMS 1-31		LUMP SUM CONSTRUCTION	ASPHALT CONCRETE REMOVAL AND DISPOSAL	Cu. Yds. Approx. Qty. =	1250
ENGINEERING ESTIMATE	\$3,167,950.00		\$240,000.00	\$ 35.00		\$43,750.00
	* \$2,943,000.00					
1) SULLY-MILLER CONTRACTING CO.	\$2,953,000.00		\$281,210.00	\$ 39.00		\$48,750.00
2) GRIFFITH COMPANY	\$2,996,920.00		\$265,000.00	\$ 38.00		\$47,500.00
3) BALFOUR BEATTY RAIL	\$3,474,150.00		\$371,000.00	\$ 60.00		\$75,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$3,688,963.00		\$419,840.00	\$ 20.00		\$25,000.00
5) EXCEL PAVING CO.	\$3,734,680.00		\$925,000.00	\$ 25.50		\$31,875.00
6) HERZOG CONTRACTING CORP.	\$3,853,750.00		\$593,200.00	\$ 120.00		\$150,000.00
7) FORD E.C., INC.	\$3,979,790.00		\$353,200.00	\$ 92.00		\$115,000.00
1) AVERAGE BID	\$ 3,525,893.29	\$	458,350.00	\$ 56.36		70,446.43
2) STANDARD DEVIATION	\$ 407,102.10	\$	232,694.05	\$ 37.07		46,341.01
3) ENG. EST. - LOW BIDDER	\$ 214,950.00	\$	(41,210.00)	\$ (4.00)		(5,000.00)

* AS IN BID

TRANSMITTAL 1

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 3		ITEM 4	
	REMOVE AND DISPOSE CRUSHED MISCELLANEOUS BASE Cu. Yds. Approx. Qty. =	2900	EXCAVATE, REMOVE, DISPOSE, TREAT, OR RECYCLE NON HAZARDOUS CHEMICALLY IMPACTED SOIL WASTE Tons Approx. Qty. =	4000
ENGINEERING ESTIMATE	\$ 40.00	\$116,000.00	\$ 65.00	\$260,000.00
1) SULLY-MILLER CONTRACTING CO.	\$ 25.00	\$72,500.00	\$ 45.00	\$180,000.00
2) GRIFFITH COMPANY	\$ 35.00	\$101,500.00	\$ 60.00	\$240,000.00
3) BALFOUR BEATTY RAIL	\$ 73.00	\$211,700.00	\$ 63.00	\$252,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 21.00	\$60,900.00	\$ 98.00	\$392,000.00
5) EXCEL PAVING CO.	\$ 49.50	\$143,550.00	\$ 49.00	\$196,000.00
6) HERZOG CONTRACTING CORP.	\$ 125.00	\$362,500.00	\$ 60.00	\$240,000.00
7) FORD E.C., INC.	\$ 54.00	\$156,600.00	\$ 59.00	\$236,000.00
1) AVERAGE BID	\$ 54.64	\$158,464.29	\$ 62.00	\$248,000.00
2) STANDARD DEVIATION	\$ 35.85	\$103,958.41	\$ 17.19	\$68,741.06
3) ENG. EST. - LOW BIDDER	\$ 15.00	\$43,500.00	\$ 20.00	\$80,000.00

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 5		ITEM 6	
	EXCAVATE, REMOVE, AND DISPOSE OF NON-RCRA HAZARDOUS SOIL WASTE	SAW CUT PAVEMENT		
	Tons Approx. Qty. =	1000	Lim. Ft. Approx. Qty. =	6000
ENGINEERING ESTIMATE	\$ 120.00	\$120,000.00	\$ 3.00	\$18,000.00
1) SULLY-MILLER CONTRACTING CO.	\$ 94.00	\$94,000.00	\$ 1.25	\$7,500.00
2) GRIFFITH COMPANY	\$ 88.00	\$88,000.00	\$ 2.50	\$15,000.00
3) BALFOUR BEATTY RAIL	\$ 130.00	\$130,000.00	\$ 1.10	\$6,600.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 164.00	\$164,000.00	\$ 1.89	\$11,340.00
5) EXCEL PAVING CO.	\$ 107.00	\$107,000.00	\$ 1.10	\$6,600.00
6) HERZOG CONTRACTING CORP.	\$ 60.00	\$60,000.00	\$ 1.00	\$6,000.00
7) FORD E.C., INC.	\$ 117.00	\$117,000.00	\$ 9.00	\$54,000.00
1) AVERAGE BID	\$ 108.57	\$ 108,571.43	\$ 2.55	\$ 15,291.43
2) STANDARD DEVIATION	\$ 33.17	\$ 33,165.53	\$ 2.90	\$ 17,378.97
3) ENG. EST. - LOW BIDDER	\$ 26.00	\$ 26,000.00	\$ 1.75	\$ 10,500.00

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 7		ITEM 8	
	Cu. Yds. Approx. Qty. =	TRACK RAIL BALLAST	4550 Cu. Yds. Approx. Qty. =	TRACK RAIL SUBBALLAST
ENGINEERING ESTIMATE	\$ 30.00	\$136,500.00	\$ 55.00	\$63,800.00
1) SULLY-MILLER CONTRACTING CO.	\$ 64.00	\$291,200.00	\$ 64.00	\$74,240.00
2) GRIFFITH COMPANY	\$ 78.00	\$354,900.00	\$ 37.00	\$42,920.00
3) BALFOUR BEATTY RAIL	\$ 57.00	\$259,350.00	\$ 35.00	\$40,600.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 86.00	\$391,300.00	\$ 23.00	\$26,680.00
5) EXCEL PAVING CO.	\$ 55.00	\$250,250.00	\$ 25.00	\$29,000.00
6) HERZOG CONTRACTING CORP.	\$ 80.00	\$364,000.00	\$ 25.00	\$29,000.00
7) FORD E.C., INC.	\$ 78.00	\$354,900.00	\$ 85.00	\$98,600.00
1) AVERAGE BID	\$ 71.14	\$ 323,700.00	\$ 42.00	\$ 48,720.00
2) STANDARD DEVIATION	\$ 12.28	\$ 55,876.06	\$ 23.61	\$ 27,393.36
3) ENG. EST. - LOW BIDDER	\$ (34.00)	\$ (154,700.00)	\$ (9.00)	\$ (10,440.00)

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 9 TRACK RAILS		ITEM 10 NO. 9 TURNOUTS	
	Trk. Ft. Approx. Qty. =	2900	Each Approx. Qty. =	2
ENGINEERING ESTIMATE	\$ 260.00	\$754,000.00	\$140,000.00	\$280,000.00
1) SULLY-MILLER CONTRACTING CO.	\$ 230.00	\$667,000.00	\$171,600.00	\$343,200.00
2) GRIFFITH COMPANY	\$ 220.00	\$638,000.00	\$125,000.00	\$250,000.00
3) BALFOUR BEATTY RAIL	\$ 200.00	\$580,000.00	\$190,000.00	\$380,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 232.00	\$672,800.00	\$179,809.00	\$359,618.00
5) EXCEL PAVING CO.	\$ 205.00	\$594,500.00	\$156,450.00	\$312,900.00
6) HERZOG CONTRACTING CORP.	\$ 200.00	\$580,000.00	\$175,000.00	\$350,000.00
7) FORD E.C., INC.	\$ 255.00	\$739,500.00	\$195,000.00	\$390,000.00
1) AVERAGE BID	\$ 220.29	\$ 638,828.57	\$ 170,408.43	\$ 340,816.86
2) STANDARD DEVIATION	\$ 20.39	\$ 59,118.15	\$ 23,650.97	\$ 47,301.95
3) ENG. EST. - LOW BIDDER	\$ 30.00	\$ 87,000.00	\$ (31,600.00)	\$ (63,200.00)

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 11		ITEM 12	
	ASPHALT CONCRETE PAVING BETWEEN RAILROAD TRACKS		ASPHALT CONCRETE PAVING	
	Tons Approx. Qty. =	620	Tons Approx. Qty. =	2100
ENGINEERING ESTIMATE	\$ 120.00	\$74,400.00	\$ 105.00	\$220,500.00
1) SULLY-MILLER CONTRACTING CO.	\$ 95.00	\$58,900.00	\$ 85.00	\$178,500.00
2) GRIFFITH COMPANY	\$ 105.00	\$65,100.00	\$ 80.00	\$168,000.00
3) BALFOUR BEATTY RAIL	\$ 120.00	\$74,400.00	\$ 97.00	\$203,700.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 110.00	\$68,200.00	\$ 99.00	\$207,900.00
5) EXCEL PAVING CO.	\$ 81.00	\$50,220.00	\$ 71.00	\$149,100.00
6) HERZOG CONTRACTING CORP.	\$ 110.00	\$68,200.00	\$ 90.00	\$189,000.00
7) FORD E.C., INC.	\$ 172.00	\$106,640.00	\$ 143.00	\$300,300.00
1) AVERAGE BID	\$ 113.29	\$ 70,237.14	\$ 95.00	\$ 199,500.00
2) STANDARD DEVIATION	\$ 28.75	\$ 17,825.10	\$ 23.27	\$ 48,874.84
3) ENG. EST. - LOW BIDDER	\$ 25.00	\$ 15,500.00	\$ 20.00	\$ 42,000.00

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 13		ITEM 14		ITEM 15	
	RAILROAD FLAG PERSON(S)	COMPRESSED AIR EQUIPMENT AND SYSTEM	TEMPORARY PRECAST CONCRETE BARRIER UNITS (K-RAILS)	8 Hour Days Approx. Qty. =	LUMP SUM	Lin. Ft. Approx. Qty. =
	270		7000			
ENGINEERING ESTIMATE	\$ 800.00	\$216,000.00	\$ 20.00	\$ 80,000.00	\$ 140,000.00	
1) SULLY-MILLER CONTRACTING CO.	\$ 510.00	\$137,700.00	\$ 19.50	\$ 10,000.00	\$136,500.00	
2) GRIFFITH COMPANY	\$ 600.00	\$162,000.00	\$ 19.00	\$ 24,000.00	\$133,000.00	
3) BALFOUR BEATTY RAIL	\$ 840.00	\$226,800.00	\$ 24.00	\$ 75,000.00	\$168,000.00	
4) RAILWORKS TRACK SERVICES, INC.	\$ 636.00	\$171,720.00	\$ 29.00	\$ 57,530.00	\$203,000.00	
5) EXCEL PAVING CO.	\$1,275.00	\$344,250.00	\$ 20.50	\$ 52,500.00	\$143,500.00	
6) HERZOG CONTRACTING CORP.	\$ 755.00	\$203,850.00	\$ 30.00	\$ 50,000.00	\$210,000.00	
7) FORD E.C., INC.	\$ 680.00	\$183,600.00	\$ 38.00	\$ 74,000.00	\$266,000.00	
1) AVERAGE BID	\$ 756.57	\$ 204,274.29	\$ 25.71	\$ 49,004.29	\$180,000.00	
2) STANDARD DEVIATION	\$ 252.14	\$ 68,077.46	\$ 7.00	\$ 24,265.93	\$ 48,994.05	
3) ENG. EST. - LOW BIDDER	\$ 290.00	\$ 78,300.00	\$ 0.50	\$ 70,000.00	\$ 3,500.00	

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 16		ITEM 17		ITEM 18	
	12 MEGAPIXEL CAMERA	LUMP SUM	PRECAST CONCRETE GRADE CROSSING MODULE	LUMP SUM	CONCRETE SLAB FOR UTILITY PROTECTION	Each Approx. Qty. = 4
ENGINEERING ESTIMATE	\$	50,000.00	\$65,000.00		\$15,000.00	\$ 60,000.00
1) SULLY-MILLER CONTRACTING CO.	\$	27,000.00	\$100,000.00		\$3,700.00	14,800.00
2) GRIFFITH COMPANY	\$	30,000.00	\$106,000.00		\$9,000.00	36,000.00
3) BALFOUR BEATTY RAIL	\$	40,000.00	\$132,000.00		\$4,500.00	18,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$	24,492.00	\$86,423.00		\$29,055.00	116,220.00
5) EXCEL PAVING CO.	\$	40,000.00	\$99,635.00		\$7,200.00	28,800.00
6) HERZOG CONTRACTING CORP.	\$	25,000.00	\$103,000.00		\$10,000.00	40,000.00
7) FORD E.C., INC.	\$	42,950.00	\$130,100.00		\$7,850.00	31,400.00
1) AVERAGE BID	\$	32,777.43	108,165.43	\$ 10,186.43	\$	40,745.71
2) STANDARD DEVIATION	\$	7,937.69	16,796.62	\$ 8,624.12	\$	34,496.46
3) ENG. EST. - LOW BIDDER	\$	23,000.00	(35,000.00)	\$11,300.00	\$	45,200.00

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 19 STRIPING AND PAVEMENT MARKINGS (CONTINGENCY ALLOWANCE ITEM)	ITEM 20 IMPORT FILL SOIL (CONTINGENCY ALLOWANCE ITEM)	ITEM 21 RAIN EVENT ACTION PLAN SAMPLING AND TESTING FOR pH TURBIDITY (CONTINGENCY ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
1) SULLY-MILLER CONTRACTING CO.	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
2) GRIFFITH COMPANY	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
3) BALFOUR BEATTY RAIL	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
5) EXCEL PAVING CO.	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
6) HERZOG CONTRACTING CORP.	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
7) FORD E.C., INC.	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
1) AVERAGE BID	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 22	ITEM 23
	TRENCH SUBGRADE STABILIZATION (CONTINGENCY ALLOWANCE ITEM)	EXCAVATE, REMO, DISP, TREAT, OR PRETREAT NON-RCRA (CA HAZ) WASTE SOIL, RCRA HAZ WASTE, TSCA WASTE SOIL, CHEM IMPACTED/NON HAZ WASTE SOIL, TREATED WEATHERED WOOD WASTE, OR OTHER SOLID WASTE (CONTINGENCY ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 20,000.00	\$ 20,000.00
1) SULLY-MILLER CONTRACTING CO.	\$ 20,000.00	\$ 20,000.00
2) GRIFFITH COMPANY	\$ 20,000.00	\$ 20,000.00
3) BALFOUR BEATTY RAIL	\$ 20,000.00	\$ 20,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 20,000.00	\$ 20,000.00
5) EXCEL PAVING CO.	\$ 20,000.00	\$ 20,000.00
6) HERZOG CONTRACTING CORP.	\$ 20,000.00	\$ 20,000.00
7) FORD E.C., INC.	\$ 20,000.00	\$ 20,000.00
1) AVERAGE BID	\$ 20,000.00	\$ 20,000.00
2) STANDARD DEVIATION	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 24		ITEM 25		ITEM 26	
	UNFORESEEN UTILITY AND SUBSTRUCTURE MODIFICATIONS, ADDITIONS, AND REMOVALS (CONTINGENCY ALLOWANCE ITEM)		PERFORM UNFORESEEN REGULATORY AGENCY CORRECTIONS (CONTINGENCY ALLOWANCE ITEM)		PREMIUM TIME FOR SCHEDULE ACCELERATION (CONTINGENCY ALLOWANCE ITEM)	
ENGINEERING ESTIMATE	\$	30,000.00	\$	10,000.00	\$	10,000.00
1) SULLY-MILLER CONTRACTING CO.	\$	30,000.00	\$	10,000.00	\$	10,000.00
2) GRIFFITH COMPANY	\$	30,000.00	\$	10,000.00	\$	10,000.00
3) BALFOUR BEATTY RAIL	\$	30,000.00	\$	10,000.00	\$	10,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$	30,000.00	\$	10,000.00	\$	10,000.00
5) EXCEL PAVING CO.	\$	30,000.00	\$	10,000.00	\$	10,000.00
6) HERZOG CONTRACTING CORP.	\$	30,000.00	\$	10,000.00	\$	10,000.00
7) FORD E.C., INC.	\$	30,000.00	\$	10,000.00	\$	10,000.00
1) AVERAGE BID	\$	30,000.00	\$	10,000.00	\$	10,000.00
2) STANDARD DEVIATION	\$	-	\$	-	\$	-
3) ENG. EST. - LOW BIDDER	\$	-	\$	-	\$	-

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

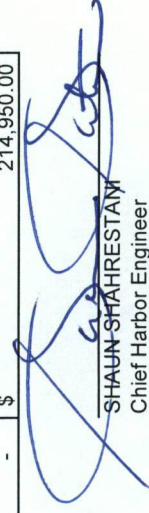
	ITEM 27	ITEM 28	ITEM 29
	COLLECT, CHARACTERIZE, AND DISPOSE OR RECYCLE HAZARDOUS WASTE STOCKPILE LEACHATE AND GROUNDWATER (CONTINGENCY ALLOWANCE ITEM)	WEB-BASED COLLABORATION (CONTINGENCY ALLOWANCE ITEM)	TENANT-REQUESTED CHANGES (CONTINGENCY ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
1) SULLY-MILLER CONTRACTING CO.	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
2) GRIFFITH COMPANY	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
3) BALFOUR BEATTY RAIL	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
4) RAILWORKS TRACK SERVICES, INC.	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
5) EXCEL PAVING CO.	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
6) HERZOG CONTRACTING CORP.	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
7) FORD E.C., INC.	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
1) AVERAGE BID	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

* AS IN BID

SPECIFICATION NO. 2777
 BERTHS 212-224 ICTF EXPANSION
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	ITEM 30		ITEM 31		GRAND TOTAL BID ITEMS 1 - 31
	REMOVAL OF UNFORESEEN OBSTRUCTIONS (CONTINGENCY ALLOWANCE ITEM)		QUALITY ASSURANCE (CONTINGENCY ALLOWANCE ITEM)		
ENGINEERING ESTIMATE	\$	10,000.00	\$	40,000.00	\$3,167,950.00
1) SULLY-MILLER CONTRACTING CO.	\$	10,000.00	\$	40,000.00	* \$2,943,000.00
2) GRIFFITH COMPANY	\$	10,000.00	\$	40,000.00	\$2,953,000.00
3) BALFOUR BEATTY RAIL	\$	10,000.00	\$	40,000.00	\$2,996,920.00
4) RAILWORKS TRACK SERVICES, INC.	\$	10,000.00	\$	40,000.00	\$3,474,150.00
5) EXCEL PAVING CO.	\$	10,000.00	\$	40,000.00	\$3,688,963.00
6) HERZOG CONTRACTING CORP.	\$	10,000.00	\$	40,000.00	\$3,734,680.00
7) FORD E.C., INC.	\$	10,000.00	\$	40,000.00	\$3,853,750.00
1) AVERAGE BID	\$	10,000.00	\$	40,000.00	\$3,525,893.29
2) STANDARD DEVIATION	\$	-	\$	-	407,102.10
3) ENG. EST. - LOW BIDDER	\$	-	\$	-	214,950.00

* AS IN BID


 SHAUN SHAHRESTAM
 Chief Harbor Engineer
 Construction Division