

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2805**  
 PIER 400 CORRIDOR STORAGE TRACKS EXPANSION  
 PROJ. CONST. MGR.: KOSTA MALLAKIS

ENGINEERING ESTIMATE: \$60,251,250.00  
 ADVERTISED DATE: JUNE 14, 2021  
 BID CLOSING DATE: AUGUST 17, 2021

	GRAND TOTAL ITEM 1-54 BI Description Unit of Measure Approximate Quantity	Main Bid 1		Main Bid 2		Main Bid 3	
		ITEM 1		ITEM 2		ITEM 3	
		Lump Sum Construction: For furnishing		Railroad Walkway Rock: For furnishing		Demolition and Removals: For furnishing	
		Lump Sum		Tons		Lump Sum	
		1		3000		1	
		Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 60,251,250.00	\$ 3,210,000.00	\$ 3,210,000.00	\$ 66.00	\$ 198,000.00	\$ 1,500,000.00	\$ 1,500,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 57,947,265.00	\$ 2,291,700.00	\$ 2,291,700.00	\$ 140.00	\$ 420,000.00	\$ 840,000.00	\$ 840,000.00
2 Reyes Construction Inc	\$ 58,054,505.00	\$ 8,361,900.00	\$ 8,361,900.00	\$ 80.00	\$ 240,000.00	\$ 1,200,000.00	\$ 1,200,000.00
3 Flatiron West, Inc.	\$ 58,614,525.00	\$ 7,400,000.00	\$ 7,400,000.00	\$ 63.00	\$ 189,000.00	\$ 1,050,000.00	\$ 1,050,000.00
4 Granite Construction Company	\$ 59,100,000.00	\$ 6,705,850.00	\$ 6,705,850.00	\$ 50.00	\$ 150,000.00	\$ 700,000.00	\$ 700,000.00
5 Shimmick Construction Company, Inc.	\$ 60,027,100.00	\$ 5,800,000.00	\$ 5,800,000.00	\$ 65.00	\$ 195,000.00	\$ 1,250,000.00	\$ 1,250,000.00
6 Ames Construction Inc.	\$ 60,316,100.00	\$ 6,000,000.00	\$ 6,000,000.00	\$ 85.00	\$ 255,000.00	\$ 850,000.00	\$ 850,000.00
7 Skanska	\$ 61,424,900.00	\$ 6,150,000.00	\$ 6,150,000.00	\$ 62.00	\$ 186,000.00	\$ 1,100,000.00	\$ 1,100,000.00
8 Griffith-Railworks JV	\$ 65,846,750.00	\$ 7,916,000.00	\$ 7,916,000.00	\$ 130.00	\$ 390,000.00	\$ 1,000,000.00	\$ 1,000,000.00
9 Kiewit Infrastructure West Co.	\$ 67,694,000.00	\$ 1,670,000.00	\$ 1,670,000.00	\$ 90.00	\$ 270,000.00	\$ 2,100,000.00	\$ 2,100,000.00
10 OHL USA, Inc.	\$ 82,008,800.00	\$ 2,300,000.00	\$ 2,300,000.00	\$ 95.00	\$ 285,000.00	\$ 3,200,000.00	\$ 3,200,000.00
1) AVERAGE BID	\$62,844,108.64	\$ 5,255,040.91	\$ 5,255,040.91	\$ 84.18	\$ 252,545.45	\$ 1,344,545.45	\$ 1,344,545.45
2) STANDARD DEVIATION	\$ 6,753,539.40	\$ 2,328,484.41	\$ 2,328,484.41	\$ 27.29	\$ 81,867.26	\$ 690,669.82	\$ 690,669.82
3) ENG. EST. - LOW BIDDER	\$ 2,303,985.00	\$ 918,300.00	\$ 918,300.00	\$ (74.00)	\$ (222,000.00)	\$ 660,000.00	\$ 660,000.00

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	Main Bid 4		Main Bid 5		Main Bid 6		Main Bid 7	
	ITEM 4		ITEM 5		ITEM 6		ITEM 7	
	Stone Columns - Dry Feed Method: For		Excavate, Grade, and Transport Soil to		Excavate, Stockpile, Sample, Test,		Excavate, Stockpile, Sample, Test,	
	Tons		Cubic Yards		Cubic Yards		Cubic Yards	
	4250		40000		8750		7200	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 150.00	\$ 637,500.00	\$ 32.00	\$ 1,280,000.00	\$ 55.00	\$ 481,250.00	\$ 105.00	\$ 756,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 86.00	\$ 365,500.00	\$ 20.00	\$ 800,000.00	\$ 25.00	\$ 218,750.00	\$ 102.00	\$ 734,400.00
2 Reyes Construction Inc	\$ 148.00	\$ 629,000.00	\$ 15.00	\$ 600,000.00	\$ 21.00	\$ 183,750.00	\$ 106.00	\$ 763,200.00
3 Flatiron West, Inc.	\$ 115.00	\$ 488,750.00	\$ 27.00	\$ 1,080,000.00	\$ 36.00	\$ 315,000.00	\$ 110.00	\$ 792,000.00
4 Granite Construction Company	\$ 190.00	\$ 807,500.00	\$ 20.00	\$ 800,000.00	\$ 35.00	\$ 306,250.00	\$ 105.00	\$ 756,000.00
5 Shimmick Construction Company, Inc.	\$ 60.00	\$ 255,000.00	\$ 20.00	\$ 800,000.00	\$ 20.00	\$ 175,000.00	\$ 110.00	\$ 792,000.00
6 Ames Construction Inc.	\$ 55.00	\$ 233,750.00	\$ 19.00	\$ 760,000.00	\$ 17.60	\$ 154,000.00	\$ 109.00	\$ 784,800.00
7 Skanska	\$ 135.00	\$ 573,750.00	\$ 23.00	\$ 920,000.00	\$ 23.00	\$ 201,250.00	\$ 120.00	\$ 864,000.00
8 Griffith-Railworks JV	\$ 155.00	\$ 658,750.00	\$ 14.75	\$ 590,000.00	\$ 15.00	\$ 131,250.00	\$ 130.00	\$ 936,000.00
9 Kiewit Infrastructure West Co.	\$ 112.00	\$ 476,000.00	\$ 20.00	\$ 800,000.00	\$ 55.00	\$ 481,250.00	\$ 125.00	\$ 900,000.00
10 OHL USA, Inc.	\$ 236.00	\$ 1,003,000.00	\$ 34.00	\$ 1,360,000.00	\$ 240.00	\$ 2,100,000.00	\$ 197.00	\$ 1,418,400.00
1) AVERAGE BID	\$ 131.09	\$ 557,136.36	\$ 22.25	\$ 890,000.00	\$ 49.33	\$ 431,613.64	\$ 119.91	\$ 863,345.45
2) STANDARD DEVIATION	\$ 51.53	\$ 218,995.60	\$ 6.00	\$ 239,962.12	\$ 61.74	\$ 540,261.58	\$ 25.84	\$ 186,049.87
3) ENG. EST. - LOW BIDDER	\$ 64.00	\$ 272,000.00	\$ 12.00	\$ 480,000.00	\$ 30.00	\$ 262,500.00	\$ 3.00	\$ 21,600.00

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	Main Bid 8		Main Bid 9		Main Bid 10		Main Bid 11	
	ITEM 8		ITEM 9		ITEM 10		ITEM 11	
	Excavate, Stockpile, Sample, Test,		Excavate, Stockpile, Sample, Test,		Dewatering: For furnishing transportation,		Asphalt Concrete Paving: For furnishing	
	Cubic Yards		Cubic Yards		Lump Sum		Tons	
	500		500		1		3400	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 132.00	\$ 66,000.00	\$ 210.00	\$ 105,000.00	\$ 50,000.00	\$ 50,000.00	\$ 115.00	\$ 391,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 149.00	\$ 74,500.00	\$ 203.00	\$ 101,500.00	\$ 10,000.00	\$ 10,000.00	\$ 145.00	\$ 493,000.00
2 Reyes Construction Inc	\$ 174.00	\$ 87,000.00	\$ 238.00	\$ 119,000.00	\$ 216,000.00	\$ 216,000.00	\$ 155.00	\$ 527,000.00
3 Flatiron West, Inc.	\$ 200.00	\$ 100,000.00	\$ 235.00	\$ 117,500.00	\$ 155,000.00	\$ 155,000.00	\$ 130.00	\$ 442,000.00
4 Granite Construction Company	\$ 200.00	\$ 100,000.00	\$ 217.00	\$ 108,500.00	\$ 75,000.00	\$ 75,000.00	\$ 165.00	\$ 561,000.00
5 Shimmick Construction Company, Inc.	\$ 225.00	\$ 112,500.00	\$ 255.00	\$ 127,500.00	\$ 500,000.00	\$ 500,000.00	\$ 140.00	\$ 476,000.00
6 Ames Construction Inc.	\$ 198.00	\$ 99,000.00	\$ 236.00	\$ 118,000.00	\$ 200,000.00	\$ 200,000.00	\$ 135.00	\$ 459,000.00
7 Skanska	\$ 200.00	\$ 100,000.00	\$ 255.00	\$ 127,500.00	\$ 45,000.00	\$ 45,000.00	\$ 150.00	\$ 510,000.00
8 Griffith-Railworks JV	\$ 220.00	\$ 110,000.00	\$ 375.00	\$ 187,500.00	\$ 322,000.00	\$ 322,000.00	\$ 160.00	\$ 544,000.00
9 Kiewit Infrastructure West Co.	\$ 170.00	\$ 85,000.00	\$ 220.00	\$ 110,000.00	\$ 55,000.00	\$ 55,000.00	\$ 165.00	\$ 561,000.00
10 OHL USA, Inc.	\$ 285.00	\$ 142,500.00	\$ 600.00	\$ 300,000.00	\$ 650,000.00	\$ 650,000.00	\$ 200.00	\$ 680,000.00
1) AVERAGE BID	\$ 195.73	\$ 97,863.64	\$ 276.73	\$ 138,363.64	\$ 207,090.91	\$ 207,090.91	\$ 150.91	\$ 513,090.91
2) STANDARD DEVIATION	\$ 39.14	\$ 19,571.65	\$ 111.47	\$ 55,734.80	\$ 197,343.01	\$ 197,343.01	\$ 21.41	\$ 72,784.18
3) ENG. EST. - LOW BIDDER	\$ (17.00)	\$ (8,500.00)	\$ 7.00	\$ 3,500.00	\$ 40,000.00	\$ 40,000.00	\$ (30.00)	\$ (102,000.00)

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	Main Bid 12		Main Bid 13		Main Bid 14		Main Bid 15	
	ITEM 12		ITEM 13		ITEM 14		ITEM 15	
	Track Rail Subballast (CMB) - Department		Track Rail Ballast: For furnishing		Standard Grade Chain Link Fencing: For		Railroad Related Work: For furnishing	
	Cubic Yards		Tons		Linear Feet		Lump Sum	
	23000		43000		11000		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 37.00	\$ 851,000.00	\$ 99.00	\$ 4,257,000.00	\$ 92.00	\$ 1,012,000.00	\$ 13,450,000.00	\$ 13,450,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 20.00	\$ 460,000.00	\$ 65.00	\$ 2,795,000.00	\$ 120.00	\$ 1,320,000.00	\$ 12,200,000.00	\$ 12,200,000.00
2 Reyes Construction Inc	\$ 21.00	\$ 483,000.00	\$ 46.00	\$ 1,978,000.00	\$ 91.00	\$ 1,001,000.00	\$ 10,692,300.00	\$ 10,692,300.00
3 Flatiron West, Inc.	\$ 47.00	\$ 1,081,000.00	\$ 55.00	\$ 2,365,000.00	\$ 92.00	\$ 1,012,000.00	\$ 11,500,000.00	\$ 11,500,000.00
4 Granite Construction Company	\$ 28.00	\$ 644,000.00	\$ 50.00	\$ 2,150,000.00	\$ 92.00	\$ 1,012,000.00	\$ 9,000,000.00	\$ 9,000,000.00
5 Shimmick Construction Company, Inc.	\$ 28.00	\$ 644,000.00	\$ 50.00	\$ 2,150,000.00	\$ 122.00	\$ 1,342,000.00	\$ 10,000,000.00	\$ 10,000,000.00
6 Ames Construction Inc.	\$ 55.00	\$ 1,265,000.00	\$ 68.00	\$ 2,924,000.00	\$ 90.00	\$ 990,000.00	\$ 9,500,000.00	\$ 9,500,000.00
7 Skanska	\$ 15.00	\$ 345,000.00	\$ 45.00	\$ 1,935,000.00	\$ 118.00	\$ 1,298,000.00	\$ 11,180,000.00	\$ 11,180,000.00
8 Griffith-Railworks JV	\$ 12.00	\$ 276,000.00	\$ 46.00	\$ 1,978,000.00	\$ 92.00	\$ 1,012,000.00	\$ 10,357,000.00	\$ 10,357,000.00
9 Kiewit Infrastructure West Co.	\$ 33.00	\$ 759,000.00	\$ 59.00	\$ 2,537,000.00	\$ 145.00	\$ 1,595,000.00	\$ 15,000,000.00	\$ 15,000,000.00
10 OHL USA, Inc.	\$ 45.00	\$ 1,035,000.00	\$ 50.00	\$ 2,150,000.00	\$ 110.00	\$ 1,210,000.00	\$ 15,900,000.00	\$ 15,900,000.00
1) AVERAGE BID	\$ 31.00	\$ 713,000.00	\$ 57.55	\$ 2,474,454.55	\$ 105.82	\$ 1,164,000.00	\$ 11,707,209.09	\$ 11,707,209.09
2) STANDARD DEVIATION	\$ 13.23	\$ 304,182.36	\$ 15.04	\$ 646,526.29	\$ 17.57	\$ 193,323.56	\$ 2,131,824.58	\$ 2,131,824.58
3) ENG. EST. - LOW BIDDER	\$ 17.00	\$ 391,000.00	\$ 34.00	\$ 1,462,000.00	\$ (28.00)	\$ (308,000.00)	\$ 1,250,000.00	\$ 1,250,000.00

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	Main Bid 16		Main Bid 17		Main Bid 18		Main Bid 19	
	ITEM 16		ITEM 17		ITEM 18		ITEM 19	
	No. 10 Single Crossover: For furnishing		No. 10 Turnout: For furnishing		No. 9 Turnout: For furnishing		Concrete Grade Crossing Module, and	
	Each		Each		Each		Each	
	1		1		19		34	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 325,000.00	\$ 325,000.00	\$ 255,000.00	\$ 255,000.00	\$ 255,000.00	\$ 4,845,000.00	\$ 25,000.00	\$ 850,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 480,000.00	\$ 480,000.00	\$ 220,000.00	\$ 220,000.00	\$ 190,000.00	\$ 3,610,000.00	\$ 6,800.00	\$ 231,200.00
2 Reyes Construction Inc	\$ 385,700.00	\$ 385,700.00	\$ 179,860.00	\$ 179,860.00	\$ 157,700.00	\$ 2,996,300.00	\$ 5,130.00	\$ 174,420.00
3 Flatiron West, Inc.	\$ 500,000.00	\$ 500,000.00	\$ 235,000.00	\$ 235,000.00	\$ 185,000.00	\$ 3,515,000.00	\$ 5,600.00	\$ 190,400.00
4 Granite Construction Company	\$ 458,000.00	\$ 458,000.00	\$ 205,000.00	\$ 205,000.00	\$ 156,000.00	\$ 2,964,000.00	\$ 37,000.00	\$ 1,258,000.00
5 Shimmick Construction Company, Inc.	\$ 350,000.00	\$ 350,000.00	\$ 180,000.00	\$ 180,000.00	\$ 165,000.00	\$ 3,135,000.00	\$ 6,150.00	\$ 209,100.00
6 Ames Construction Inc.	\$ 445,000.00	\$ 445,000.00	\$ 215,000.00	\$ 215,000.00	\$ 180,000.00	\$ 3,420,000.00	\$ 6,700.00	\$ 227,800.00
7 Skanska	\$ 515,000.00	\$ 515,000.00	\$ 270,000.00	\$ 270,000.00	\$ 205,000.00	\$ 3,895,000.00	\$ 6,200.00	\$ 210,800.00
8 Griffith-Railworks JV	\$ 440,000.00	\$ 440,000.00	\$ 204,000.00	\$ 204,000.00	\$ 180,000.00	\$ 3,420,000.00	\$ 10,000.00	\$ 340,000.00
9 Kiewit Infrastructure West Co.	\$ 429,000.00	\$ 429,000.00	\$ 188,000.00	\$ 188,000.00	\$ 183,000.00	\$ 3,477,000.00	\$ 7,500.00	\$ 255,000.00
10 OHL USA, Inc.	\$ 500,000.00	\$ 500,000.00	\$ 243,000.00	\$ 243,000.00	\$ 202,000.00	\$ 3,838,000.00	\$ 6,150.00	\$ 209,100.00
1) AVERAGE BID	\$ 438,881.82	\$ 438,881.82	\$ 217,714.55	\$ 217,714.55	\$ 187,154.55	\$ 3,555,936.36	\$ 11,111.82	\$ 377,801.82
2) STANDARD DEVIATION	\$ 59,661.73	\$ 59,661.73	\$ 28,861.37	\$ 28,861.37	\$ 26,290.73	\$ 499,523.87	\$ 9,793.06	\$ 332,964.06
3) ENG. EST. - LOW BIDDER	\$ (155,000.00)	\$ (155,000.00)	\$ 35,000.00	\$ 35,000.00	\$ 65,000.00	\$ 1,235,000.00	\$ 18,200.00	\$ 618,800.00

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	Main Bid 20		Main Bid 21		Main Bid 22		Main Bid 23	
	ITEM 20		ITEM 21		ITEM 22		ITEM 23	
	Railroad Crossing Signal: For furnishing		Railroad Bridge Construction: For		Furnish 24-Inch Octagonal Prestressed		Furnish 24-Inch Octagonal Prestressed	
	Lump Sum		Lump Sum		Linear Feet		Linear Feet	
	1		1		13750		3850	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 1,000,000.00	\$ 1,000,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ 142.00	\$ 1,952,500.00	\$ 95.00	\$ 365,750.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 1,665,000.00	\$ 1,665,000.00	\$ 3,101,000.00	\$ 3,101,000.00	\$ 340.00	\$ 4,675,000.00	\$ 440.00	\$ 1,694,000.00
2 Reyes Construction Inc	\$ 928,220.00	\$ 928,220.00	\$ 5,500,000.00	\$ 5,500,000.00	\$ 209.00	\$ 2,873,750.00	\$ 266.00	\$ 1,024,100.00
3 Flatiron West, Inc.	\$ 1,520,000.00	\$ 1,520,000.00	\$ 5,250,000.00	\$ 5,250,000.00	\$ 210.00	\$ 2,887,500.00	\$ 270.00	\$ 1,039,500.00
4 Granite Construction Company	\$ 1,944,000.00	\$ 1,944,000.00	\$ 4,780,000.00	\$ 4,780,000.00	\$ 300.00	\$ 4,125,000.00	\$ 373.00	\$ 1,436,050.00
5 Shimmick Construction Company, Inc.	\$ 1,250,000.00	\$ 1,250,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ 240.00	\$ 3,300,000.00	\$ 310.00	\$ 1,193,500.00
6 Ames Construction Inc.	\$ 600,000.00	\$ 600,000.00	\$ 8,097,000.00	\$ 8,097,000.00	\$ 260.00	\$ 3,575,000.00	\$ 285.00	\$ 1,097,250.00
7 Skanska	\$ 933,000.00	\$ 933,000.00	\$ 6,650,000.00	\$ 6,650,000.00	\$ 150.00	\$ 2,062,500.00	\$ 150.00	\$ 577,500.00
8 Griffith-Railworks JV	\$ 1,100,000.00	\$ 1,100,000.00	\$ 9,300,000.00	\$ 9,300,000.00	\$ 250.00	\$ 3,437,500.00	\$ 265.00	\$ 1,020,250.00
9 Kiewit Infrastructure West Co.	\$ 900,000.00	\$ 900,000.00	\$ 13,000,000.00	\$ 13,000,000.00	\$ 260.00	\$ 3,575,000.00	\$ 220.00	\$ 847,000.00
10 OHL USA, Inc.	\$ 1,335,000.00	\$ 1,335,000.00	\$ 12,050,000.00	\$ 12,050,000.00	\$ 380.00	\$ 5,225,000.00	\$ 375.00	\$ 1,443,750.00
1) AVERAGE BID	\$ 1,197,747.27	\$ 1,197,747.27	\$ 7,429,818.18	\$ 7,429,818.18	\$ 249.18	\$ 3,426,250.00	\$ 277.18	\$ 1,067,150.00
2) STANDARD DEVIATION	\$ 373,920.69	\$ 373,920.69	\$ 2,884,588.04	\$ 2,884,588.04	\$ 69.24	\$ 952,065.19	\$ 95.04	\$ 365,902.19
3) ENG. EST. - LOW BIDDER	\$ (665,000.00)	\$ (665,000.00)	\$ 3,899,000.00	\$ 3,899,000.00	\$ (198.00)	\$ (2,722,500.00)	\$ (345.00)	\$ (1,328,250.00)

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	Main Bid 24		Main Bid 25		Main Bid 26		Main Bid 27	
	ITEM 24		ITEM 25		ITEM 26		ITEM 27	
	Install 24-Inch Octagonal Prestressed		Install 24-Inch Octagonal Prestressed		Install 24-Inch Octagonal Prestressed		Restrike 24-Inch Octagonal Prestressed	
	Each		Each		Each		Each	
	119		70		2		2	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 5,040.00	\$ 599,760.00	\$ 4,200.00	\$ 294,000.00	\$ 7,720.00	\$ 15,440.00	\$ 5,650.00	\$ 11,300.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 13,900.00	\$ 1,654,100.00	\$ 4,100.00	\$ 287,000.00	\$ 14,430.00	\$ 28,860.00	\$ 14,430.00	\$ 28,860.00
2 Reyes Construction Inc	\$ 9,650.00	\$ 1,148,350.00	\$ 2,800.00	\$ 196,000.00	\$ 10,700.00	\$ 21,400.00	\$ 10,000.00	\$ 20,000.00
3 Flatiron West, Inc.	\$ 11,800.00	\$ 1,404,200.00	\$ 3,050.00	\$ 213,500.00	\$ 10,800.00	\$ 21,600.00	\$ 10,800.00	\$ 21,600.00
4 Granite Construction Company	\$ 13,000.00	\$ 1,547,000.00	\$ 3,930.00	\$ 275,100.00	\$ 15,000.00	\$ 30,000.00	\$ 15,000.00	\$ 30,000.00
5 Shimmick Construction Company, Inc.	\$ 13,000.00	\$ 1,547,000.00	\$ 4,000.00	\$ 280,000.00	\$ 13,500.00	\$ 27,000.00	\$ 12,500.00	\$ 25,000.00
6 Ames Construction Inc.	\$ 19,500.00	\$ 2,320,500.00	\$ 12,000.00	\$ 840,000.00	\$ 25,000.00	\$ 50,000.00	\$ 12,000.00	\$ 24,000.00
7 Skanska	\$ 19,500.00	\$ 2,320,500.00	\$ 18,500.00	\$ 1,295,000.00	\$ 76,500.00	\$ 153,000.00	\$ 10,000.00	\$ 20,000.00
8 Griffith-Railworks JV	\$ 13,800.00	\$ 1,642,200.00	\$ 7,000.00	\$ 490,000.00	\$ 50,000.00	\$ 100,000.00	\$ 9,500.00	\$ 19,000.00
9 Kiewit Infrastructure West Co.	\$ 8,800.00	\$ 1,047,200.00	\$ 4,500.00	\$ 315,000.00	\$ 30,000.00	\$ 60,000.00	\$ 2,000.00	\$ 4,000.00
10 OHL USA, Inc.	\$ 28,500.00	\$ 3,391,500.00	\$ 13,500.00	\$ 945,000.00	\$ 40,000.00	\$ 80,000.00	\$ 16,750.00	\$ 33,500.00
1) AVERAGE BID	\$ 14,226.36	\$ 1,692,937.27	\$ 7,052.73	\$ 493,690.91	\$ 26,695.45	\$ 53,390.91	\$ 10,784.55	\$ 21,569.09
2) STANDARD DEVIATION	\$ 6,055.20	\$ 720,569.28	\$ 4,987.59	\$ 349,131.44	\$ 20,325.38	\$ 40,650.77	\$ 4,016.77	\$ 8,033.55
3) ENG. EST. - LOW BIDDER	\$ (8,860.00)	\$ (1,054,340.00)	\$ 100.00	\$ 7,000.00	\$ (6,710.00)	\$ (13,420.00)	\$ (8,780.00)	\$ (17,560.00)

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	Main Bid 28		Main Bid 29		Main Bid 30		Main Bid 31	
	ITEM 28		ITEM 29		ITEM 30		ITEM 31	
	Restrike 24-Inch Octagonal Prestressed		Cut Off and Dispose of Pile Cut-offs Over 6		Break Off and Dispose of 24-Inch		Concrete Pile Build-Ups Greater than 6-	
	Each		Each		Each		Each	
	10		10		4		10	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 2,350.00	\$ 23,500.00	\$ 525.00	\$ 5,250.00	\$ 2,500.00	\$ 10,000.00	\$ 1,400.00	\$ 14,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 10,823.00	\$ 108,230.00	\$ 1,443.00	\$ 14,430.00	\$ 7,215.00	\$ 28,860.00	\$ 1,450.00	\$ 14,500.00
2 Reyes Construction Inc	\$ 7,500.00	\$ 75,000.00	\$ 1,038.00	\$ 10,380.00	\$ 5,000.00	\$ 20,000.00	\$ 1,925.00	\$ 19,250.00
3 Flatiron West, Inc.	\$ 8,100.00	\$ 81,000.00	\$ 1,100.00	\$ 11,000.00	\$ 5,400.00	\$ 21,600.00	\$ 1,100.00	\$ 11,000.00
4 Granite Construction Company	\$ 11,300.00	\$ 113,000.00	\$ 1,500.00	\$ 15,000.00	\$ 7,500.00	\$ 30,000.00	\$ 1,500.00	\$ 15,000.00
5 Shimmick Construction Company, Inc.	\$ 9,500.00	\$ 95,000.00	\$ 1,300.00	\$ 13,000.00	\$ 6,500.00	\$ 26,000.00	\$ 3,500.00	\$ 35,000.00
6 Ames Construction Inc.	\$ 14,000.00	\$ 140,000.00	\$ 2,500.00	\$ 25,000.00	\$ 2,500.00	\$ 10,000.00	\$ 5,200.00	\$ 52,000.00
7 Skanska	\$ 4,500.00	\$ 45,000.00	\$ 1,400.00	\$ 14,000.00	\$ 1,400.00	\$ 5,600.00	\$ 6,500.00	\$ 65,000.00
8 Griffith-Railworks JV	\$ 5,400.00	\$ 54,000.00	\$ 2,600.00	\$ 26,000.00	\$ 7,200.00	\$ 28,800.00	\$ 7,600.00	\$ 76,000.00
9 Kiewit Infrastructure West Co.	\$ 5,200.00	\$ 52,000.00	\$ 600.00	\$ 6,000.00	\$ 25,000.00	\$ 100,000.00	\$ 10,000.00	\$ 100,000.00
10 OHL USA, Inc.	\$ 12,600.00	\$ 126,000.00	\$ 3,700.00	\$ 37,000.00	\$ 6,200.00	\$ 24,800.00	\$ 4,200.00	\$ 42,000.00
1) AVERAGE BID	\$ 8,297.55	\$ 82,975.45	\$ 1,609.64	\$ 16,096.36	\$ 6,946.82	\$ 27,787.27	\$ 4,034.09	\$ 40,340.91
2) STANDARD DEVIATION	\$ 3,520.43	\$ 35,204.33	\$ 909.80	\$ 9,098.00	\$ 6,057.42	\$ 24,229.66	\$ 2,846.93	\$ 28,469.34
3) ENG. EST. - LOW BIDDER	\$ (8,473.00)	\$ (84,730.00)	\$ (918.00)	\$ (9,180.00)	\$ (4,715.00)	\$ (18,860.00)	\$ (50.00)	\$ (500.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2805**  
 PIER 400 CORRIDOR STORAGE TRACKS EXP/  
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	Main Bid 32		Main Bid 33		Main Bid 34		Main Bid 35	
	ITEM 32		ITEM 33		ITEM 34		ITEM 35	
	Furnish and Install Prestressed Concrete		Compressed Air: For furnishing		Sewer Force Main: For furnishing		Storm Drain and Track Underdrain System:	
	Lump Sum		Lump Sum		Lump Sum		Lump Sum	
	1		1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 4,800,000.00	\$ 4,800,000.00	\$ 580,000.00	\$ 580,000.00	\$ 280,000.00	\$ 280,000.00	\$ 945,000.00	\$ 945,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 8,574,000.00	\$ 8,574,000.00	\$ 385,000.00	\$ 385,000.00	\$ 376,000.00	\$ 376,000.00	\$ 643,000.00	\$ 643,000.00
2 Reyes Construction Inc	\$ 6,586,600.00	\$ 6,586,600.00	\$ 205,300.00	\$ 205,300.00	\$ 404,700.00	\$ 404,700.00	\$ 709,800.00	\$ 709,800.00
3 Flatiron West, Inc.	\$ 5,900,000.00	\$ 5,900,000.00	\$ 250,000.00	\$ 250,000.00	\$ 300,000.00	\$ 300,000.00	\$ 320,000.00	\$ 320,000.00
4 Granite Construction Company	\$ 7,450,000.00	\$ 7,450,000.00	\$ 250,000.00	\$ 250,000.00	\$ 504,000.00	\$ 504,000.00	\$ 673,000.00	\$ 673,000.00
5 Shimmick Construction Company, Inc.	\$ 8,000,000.00	\$ 8,000,000.00	\$ 250,000.00	\$ 250,000.00	\$ 500,000.00	\$ 500,000.00	\$ 400,000.00	\$ 400,000.00
6 Ames Construction Inc.	\$ 5,900,000.00	\$ 5,900,000.00	\$ 500,000.00	\$ 500,000.00	\$ 640,000.00	\$ 640,000.00	\$ 760,000.00	\$ 760,000.00
7 Skanska	\$ 8,400,000.00	\$ 8,400,000.00	\$ 295,000.00	\$ 295,000.00	\$ 335,000.00	\$ 335,000.00	\$ 445,000.00	\$ 445,000.00
8 Griffith-Railworks JV	\$ 7,900,000.00	\$ 7,900,000.00	\$ 850,000.00	\$ 850,000.00	\$ 460,000.00	\$ 460,000.00	\$ 1,630,000.00	\$ 1,630,000.00
9 Kiewit Infrastructure West Co.	\$ 7,000,000.00	\$ 7,000,000.00	\$ 370,000.00	\$ 370,000.00	\$ 375,000.00	\$ 375,000.00	\$ 832,000.00	\$ 832,000.00
10 OHL USA, Inc.	\$ 8,750,000.00	\$ 8,750,000.00	\$ 265,000.00	\$ 265,000.00	\$ 360,000.00	\$ 360,000.00	\$ 900,000.00	\$ 900,000.00
1) AVERAGE BID	\$ 7,205,509.09	\$ 7,205,509.09	\$ 381,845.45	\$ 381,845.45	\$ 412,245.45	\$ 412,245.45	\$ 750,709.09	\$ 750,709.09
2) STANDARD DEVIATION	\$ 1,223,957.88	\$ 1,223,957.88	\$ 185,143.10	\$ 185,143.10	\$ 100,821.46	\$ 100,821.46	\$ 338,601.74	\$ 338,601.74
3) ENG. EST. - LOW BIDDER	\$ (3,774,000.00)	\$ (3,774,000.00)	\$ 195,000.00	\$ 195,000.00	\$ (96,000.00)	\$ (96,000.00)	\$ 302,000.00	\$ 302,000.00

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2805**  
 PIER 400 CORRIDOR STORAGE TRACKS EXP/  
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	Main Bid 36		Main Bid 37		Main Bid 38		Main Bid 39	
	ITEM 36		ITEM 37		ITEM 38		ITEM 39	
	Electrical Work: For furnishing		Light Poles Including Foundations: For		PHL Railroad Flag Person(s): For		PHL Railroad Flag Person(s): For	
	Lump Sum		Lump Sum		8 Hour Days		12 Hour Days	
	1		1		125		125	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 3,350,000.00	\$ 3,350,000.00	\$ 1,315,000.00	\$ 1,315,000.00	\$ 1,000.00	\$ 125,000.00	\$ 1,200.00	\$ 150,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 2,985,000.00	\$ 2,985,000.00	\$ 770,000.00	\$ 770,000.00	\$ 919.00	\$ 114,875.00	\$ 1,072.00	\$ 134,000.00
2 Reyes Construction Inc	\$ 3,104,600.00	\$ 3,104,600.00	\$ 686,300.00	\$ 686,300.00	\$ 1,017.00	\$ 127,125.00	\$ 1,200.00	\$ 150,000.00
3 Flatiron West, Inc.	\$ 2,700,000.00	\$ 2,700,000.00	\$ 690,000.00	\$ 690,000.00	\$ 950.00	\$ 118,750.00	\$ 1,125.00	\$ 140,625.00
4 Granite Construction Company	\$ 3,200,000.00	\$ 3,200,000.00	\$ 608,000.00	\$ 608,000.00	\$ 1,050.00	\$ 131,250.00	\$ 1,260.00	\$ 157,500.00
5 Shimmick Construction Company, Inc.	\$ 3,400,000.00	\$ 3,400,000.00	\$ 600,000.00	\$ 600,000.00	\$ 1,025.00	\$ 128,125.00	\$ 2,275.00	\$ 284,375.00
6 Ames Construction Inc.	\$ 2,700,000.00	\$ 2,700,000.00	\$ 680,000.00	\$ 680,000.00	\$ 1,100.00	\$ 137,500.00	\$ 1,300.00	\$ 162,500.00
7 Skanska	\$ 3,475,000.00	\$ 3,475,000.00	\$ 495,000.00	\$ 495,000.00	\$ 1,100.00	\$ 137,500.00	\$ 1,200.00	\$ 150,000.00
8 Griffith-Railworks JV	\$ 2,600,000.00	\$ 2,600,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000.00	\$ 125,000.00	\$ 1,180.00	\$ 147,500.00
9 Kiewit Infrastructure West Co.	\$ 3,295,000.00	\$ 3,295,000.00	\$ 700,000.00	\$ 700,000.00	\$ 941.00	\$ 117,625.00	\$ 1,076.00	\$ 134,500.00
10 OHL USA, Inc.	\$ 4,780,000.00	\$ 4,780,000.00	\$ 360,000.00	\$ 360,000.00	\$ 1,050.00	\$ 131,250.00	\$ 1,280.00	\$ 160,000.00
1) AVERAGE BID	\$ 3,235,418.18	\$ 3,235,418.18	\$ 718,572.73	\$ 718,572.73	\$ 1,013.82	\$ 126,727.27	\$ 1,288.00	\$ 161,000.00
2) STANDARD DEVIATION	\$ 567,696.88	\$ 567,696.88	\$ 242,357.23	\$ 242,357.23	\$ 57.49	\$ 7,186.20	\$ 320.26	\$ 40,032.41
3) ENG. EST. - LOW BIDDER	\$ 365,000.00	\$ 365,000.00	\$ 545,000.00	\$ 545,000.00	\$ 81.00	\$ 10,125.00	\$ 128.00	\$ 16,000.00

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2805**  
 PIER 400 CORRIDOR STORAGE TRACKS EXP/  
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	Main Bid 40		Main Bid 41		Contingency Allowance Item 42		Contingency Allowance Item 43	
	ITEM 40		ITEM 41		ITEM 42		ITEM 43	
	Field Offices: For furnishing transportation:		Photographic Documentation: For		Spudding of Obstructions: Bidder shall		Modifications Due to Misaligned Piles:	
	Lump Sum		Lump Sum		Lump Sum		Lump Sum	
	1		1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 250,000.00	\$ 250,000.00	\$ 120,000.00	\$ 120,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 300,000.00	\$ 300,000.00	\$ 175,000.00	\$ 175,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
2 Reyes Construction Inc	\$ 751,200.00	\$ 751,200.00	\$ 150,000.00	\$ 150,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
3 Flatiron West, Inc.	\$ 525,000.00	\$ 525,000.00	\$ 135,000.00	\$ 135,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
4 Granite Construction Company	\$ 340,000.00	\$ 340,000.00	\$ 160,000.00	\$ 160,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
5 Shimmick Construction Company, Inc.	\$ 400,000.00	\$ 400,000.00	\$ 255,000.00	\$ 255,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
6 Ames Construction Inc.	\$ 380,000.00	\$ 380,000.00	\$ 200,000.00	\$ 200,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
7 Skanska	\$ 480,000.00	\$ 480,000.00	\$ 120,000.00	\$ 120,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
8 Griffith-Railworks JV	\$ 335,000.00	\$ 335,000.00	\$ 168,000.00	\$ 168,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
9 Kiewit Infrastructure West Co.	\$ 440,000.00	\$ 440,000.00	\$ 150,425.00	\$ 150,425.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
10 OHL USA, Inc.	\$ 270,000.00	\$ 270,000.00	\$ 250,000.00	\$ 250,000.00	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
1) AVERAGE BID	\$ 406,472.73	\$ 406,472.73	\$ 171,220.45	\$ 171,220.45	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00
2) STANDARD DEVIATION	\$ 136,225.28	\$ 136,225.28	\$ 44,359.89	\$ 44,359.89	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ (50,000.00)	\$ (50,000.00)	\$ (55,000.00)	\$ (55,000.00)	\$ -	\$ -	\$ -	\$ -





CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2805**  
 PIER 400 CORRIDOR STORAGE TRACKS EXP/  
 PROJ. CONST. MGR.: KOSTA MALLAKIS

	Contingency Allowance Item 52		Contingency Allowance Item 53		Contingency Allowance Item 54	
	ITEM 52		ITEM 53		ITEM 54	
	Partnering Facility: Bidder shall include in Lump Sum		Unforeseen Contaminated and Hazardous Lump Sum		Unforeseen Railroad Work: Bidder shall Lump Sum	
	1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
1 Herzog/Stacy and Witbeck A Joint Venture	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
2 Reyes Construction Inc	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
3 Flatiron West, Inc.	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
4 Granite Construction Company	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
5 Shimmick Construction Company, Inc.	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
6 Ames Construction Inc.	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
7 Skanska	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
8 Griffith-Railworks JV	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
9 Kiewit Infrastructure West Co.	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
10 OHL USA, Inc.	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
1) AVERAGE BID	\$ 50,000.00	\$ 50,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Shaun Shahrestani  
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SHAUN SHAHRESTANI  
 Chief Harbor Engineer