

CONSTRUCTION DIVISION
SPECIFICATION NO. 2784
 ALAMEDA CORRIDOR SOUTHERN
 TERMINUS GAP CLOSURE
 PROJ. CONST. MGR.: KOSTA MALLAKIS

ENGINEERING ESTIMATE: \$ 12,333,995.00
 ADVERTISED DATE: June 25, 2020
 BID OPENING DATE: September 9, 2020

Bid Item Description Unit of Measure Approximate Quantity	GRAND TOTAL ITEM 1-52	ITEM 1	
		Lump Sum Construction: For furnishing	
		Lump Sum	
		1	
		Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 12,333,995.00	\$ 1,300,000.00	\$ 1,300,000.00
1 Griffith Company	\$ 11,866,705.00	\$ 3,409,000.00	\$ 3,409,000.00
2 Stacy and Witbeck	\$ 12,597,628.00	\$ 1,250,000.00	\$ 1,250,000.00
3 Lonerock, Inc.	\$ 12,658,525.00	\$ 1,000,000.00	\$ 1,000,000.00
4 RailWorks Track Services, Inc	\$ 13,226,534.00	\$ 2,308,613.00	\$ 2,308,613.00
5 Herzog Contracting Corp.	\$ 14,051,797.00	\$ 2,078,672.00	\$ 2,078,672.00
6 Kiewit Infrastructure West Co.	\$ 14,520,000.00	\$ 4,098,000.00	\$ 4,098,000.00
1) AVERAGE BID	\$13,036,454.86	\$ 2,206,326.43	\$ 2,206,326.43
2) STANDARD DEVIATION	\$ 883,590.12	\$ 1,085,147.92	\$ 1,085,147.92
3) ENG. EST. - LOW BIDDER	\$ 467,290.00	\$ (2,109,000.00)	\$ (2,109,000.00)

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	ITEM 2		ITEM 3	
Bid Item Description	Crushed Miscellaneous Base - Department		Crushed Miscellaneous Base - Contractor	
Unit of Measure	Cubic Yards		Cubic Yards	
Approximate Quantity	720		720	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 38.00	\$ 27,360.00	\$ 48.00	\$ 34,560.00
1 Griffith Company	\$ 16.00	\$ 11,520.00	\$ 14.00	\$ 10,080.00
2 Stacy and Witbeck	\$ 22.00	\$ 15,840.00	\$ 33.00	\$ 23,760.00
3 Lonerock, Inc.	\$ 45.00	\$ 32,400.00	\$ 50.00	\$ 36,000.00
4 RailWorks Track Services, Inc	\$ 48.00	\$ 34,560.00	\$ 54.00	\$ 38,880.00
5 Herzog Contracting Corp.	\$ 35.00	\$ 25,200.00	\$ 45.00	\$ 32,400.00
6 Kiewit Infrastructure West Co.	\$ 75.00	\$ 54,000.00	\$ 95.00	\$ 68,400.00
1) AVERAGE BID	\$ 39.86	\$ 28,697.14	\$ 48.43	\$ 34,868.57
2) STANDARD DEVIATION	\$ 17.90	\$ 12,887.96	\$ 22.80	\$ 16,413.37
3) ENG. EST. - LOW BIDDER	\$ 22.00	\$ 15,840.00	\$ 34.00	\$ 24,480.00

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	ITEM 4		ITEM 5	
Bid Item Description	Track Rails: For furnishing transportation,		Track Rail Subballast - Department	
Unit of Measure	Lump Sum		Cubic Yards	
Approximate Quantity	1		2900	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 2,100,000.00	\$ 2,100,000.00	\$ 38.00	\$ 110,200.00
1 Griffith Company	\$ 1,450,000.00	\$ 1,450,000.00	\$ 12.00	\$ 34,800.00
2 Stacy and Witbeck	\$ 2,785,000.00	\$ 2,785,000.00	\$ 14.00	\$ 40,600.00
3 Lonerock, Inc.	\$ 1,730,000.00	\$ 1,730,000.00	\$ 45.00	\$ 130,500.00
4 RailWorks Track Services, Inc	\$ 2,059,080.00	\$ 2,059,080.00	\$ 25.00	\$ 72,500.00
5 Herzog Contracting Corp.	\$ 2,100,000.00	\$ 2,100,000.00	\$ 21.00	\$ 60,900.00
6 Kiewit Infrastructure West Co.	\$ 2,480,000.00	\$ 2,480,000.00	\$ 40.00	\$ 116,000.00
1) AVERAGE BID	\$ 2,100,582.86	\$ 2,100,582.86	\$ 27.86	\$ 80,785.71
2) STANDARD DEVIATION	\$ 409,650.91	\$ 409,650.91	\$ 12.21	\$ 35,396.59
3) ENG. EST. - LOW BIDDER	\$ 650,000.00	\$ 650,000.00	\$ 26.00	\$ 75,400.00

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	ITEM 6		ITEM 7	
Bid Item Description	Track Rail Subballast - Contractor Furnished:		Walkway Rock: For furnishing transportation,	
Unit of Measure	Cubic Yards		Cubic Yards	
Approximate Quantity	2900		500	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 48.00	\$ 139,200.00	\$ 75.00	\$ 37,500.00
1 Griffith Company	\$ 11.00	\$ 31,900.00	\$ 223.00	\$ 111,500.00
2 Stacy and Witbeck	\$ 32.00	\$ 92,800.00	\$ 320.00	\$ 160,000.00
3 Lonerock, Inc.	\$ 50.00	\$ 145,000.00	\$ 100.00	\$ 50,000.00
4 RailWorks Track Services, Inc	\$ 35.00	\$ 101,500.00	\$ 152.00	\$ 76,000.00
5 Herzog Contracting Corp.	\$ 31.00	\$ 89,900.00	\$ 252.00	\$ 126,000.00
6 Kiewit Infrastructure West Co.	\$ 52.00	\$ 150,800.00	\$ 104.00	\$ 52,000.00
1) AVERAGE BID	\$ 37.00	\$ 107,300.00	\$ 175.14	\$ 87,571.43
2) STANDARD DEVIATION	\$ 13.40	\$ 38,845.78	\$ 84.90	\$ 42,448.65
3) ENG. EST. - LOW BIDDER	\$ 37.00	\$ 107,300.00	\$ (148.00)	\$ (74,000.00)

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Bid Item Description Unit of Measure Approximate Quantity	ITEM 8		ITEM 9	
	No. 10 Turnouts: For furnishing		Power Switch Machines: For furnishing	
	Each		Lump Sum	
	7		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 160,000.00	\$ 1,120,000.00	\$ 140,000.00	\$ 140,000.00
1 Griffith Company	\$ 170,000.00	\$ 1,190,000.00	\$ 370,000.00	\$ 370,000.00
2 Stacy and Witbeck	\$ 180,000.00	\$ 1,260,000.00	\$ 450,000.00	\$ 450,000.00
3 Lonerock, Inc.	\$ 175,000.00	\$ 1,225,000.00	\$ 340,000.00	\$ 340,000.00
4 RailWorks Track Services, Inc	\$ 226,653.00	\$ 1,586,571.00	\$ 363,136.00	\$ 363,136.00
5 Herzog Contracting Corp.	\$ 250,000.00	\$ 1,750,000.00	\$ 550,000.00	\$ 550,000.00
6 Kiewit Infrastructure West Co.	\$ 180,000.00	\$ 1,260,000.00	\$ 325,000.00	\$ 325,000.00
1) AVERAGE BID	\$ 191,664.71	\$ 1,341,653.00	\$ 362,590.86	\$ 362,590.86
2) STANDARD DEVIATION	\$ 30,819.85	\$ 215,738.97	\$ 116,059.00	\$ 116,059.00
3) ENG. EST. - LOW BIDDER	\$ (10,000.00)	\$ (70,000.00)	\$ (230,000.00)	\$ (230,000.00)

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	ITEM 10		ITEM 11	
Bid Item Description	Compressed Air Equipment and System: For		All Other Railroad System Equipment: For	
Unit of Measure	Lump Sum		Lump Sum	
Approximate Quantity	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 60,000.00	\$ 60,000.00	\$ 310,000.00	\$ 310,000.00
1 Griffith Company	\$ 42,000.00	\$ 42,000.00	\$ 145,000.00	\$ 145,000.00
2 Stacy and Witbeck	\$ 75,000.00	\$ 75,000.00	\$ 720,000.00	\$ 720,000.00
3 Lonerock, Inc.	\$ 50,000.00	\$ 50,000.00	\$ 133,000.00	\$ 133,000.00
4 RailWorks Track Services, Inc	\$ 30,556.00	\$ 30,556.00	\$ 509,068.00	\$ 509,068.00
5 Herzog Contracting Corp.	\$ 23,500.00	\$ 23,500.00	\$ 1,000,000.00	\$ 1,000,000.00
6 Kiewit Infrastructure West Co.	\$ 14,000.00	\$ 14,000.00	\$ 200,000.00	\$ 200,000.00
1) AVERAGE BID	\$ 42,150.86	\$ 42,150.86	\$ 431,009.71	\$ 431,009.71
2) STANDARD DEVIATION	\$ 19,763.08	\$ 19,763.08	\$ 305,188.14	\$ 305,188.14
3) ENG. EST. - LOW BIDDER	\$ 18,000.00	\$ 18,000.00	\$ 165,000.00	\$ 165,000.00

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Bid Item Description	ITEM 12		ITEM 13	
	Railroad Flagpersons: For furnishing		Asphalt Concrete Paving: For furnishing	
	12 Hour Shifts		Tons	
	260		615	
Unit of Measure	Unit Price	Extended Price	Unit Price	Extended Price
Approximate Quantity				
ENGINEERING ESTIMATE	\$ 1,200.00	\$ 312,000.00	\$ 108.00	\$ 66,420.00
1 Griffith Company	\$ 750.00	\$ 195,000.00	\$ 109.00	\$ 67,035.00
2 Stacy and Witbeck	\$ 1,070.00	\$ 278,200.00	\$ 178.00	\$ 109,470.00
3 Lonerock, Inc.	\$ 750.00	\$ 195,000.00	\$ 120.00	\$ 73,800.00
4 RailWorks Track Services, Inc	\$ 750.00	\$ 195,000.00	\$ 200.00	\$ 123,000.00
5 Herzog Contracting Corp.	\$ 750.00	\$ 195,000.00	\$ 130.00	\$ 79,950.00
6 Kiewit Infrastructure West Co.	\$ 750.00	\$ 195,000.00	\$ 120.00	\$ 73,800.00
1) AVERAGE BID	\$ 860.00	\$ 223,600.00	\$ 137.86	\$ 84,782.14
2) STANDARD DEVIATION	\$ 177.36	\$ 46,114.02	\$ 33.59	\$ 20,656.33
3) ENG. EST. - LOW BIDDER	\$ 450.00	\$ 117,000.00	\$ (1.00)	\$ (615.00)

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	ITEM 14		ITEM 15	
Bid Item Description	Asphalt Concrete Paving Between Railroad		Asphalt Concrete Paving on Slopes: For	
Unit of Measure	Tons		Tons	
Approximate Quantity	210		350	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 120.00	\$ 25,200.00	\$ 125.00	\$ 43,750.00
1 Griffith Company	\$ 160.00	\$ 33,600.00	\$ 170.00	\$ 59,500.00
2 Stacy and Witbeck	\$ 262.00	\$ 55,020.00	\$ 245.00	\$ 85,750.00
3 Lonerock, Inc.	\$ 150.00	\$ 31,500.00	\$ 150.00	\$ 52,500.00
4 RailWorks Track Services, Inc	\$ 231.00	\$ 48,510.00	\$ 214.00	\$ 74,900.00
5 Herzog Contracting Corp.	\$ 190.00	\$ 39,900.00	\$ 150.00	\$ 52,500.00
6 Kiewit Infrastructure West Co.	\$ 180.00	\$ 37,800.00	\$ 308.00	\$ 107,800.00
1) AVERAGE BID	\$ 184.71	\$ 38,790.00	\$ 194.57	\$ 68,100.00
2) STANDARD DEVIATION	\$ 44.99	\$ 9,448.14	\$ 60.00	\$ 21,001.55
3) ENG. EST. - LOW BIDDER	\$ (40.00)	\$ (8,400.00)	\$ (45.00)	\$ (15,750.00)

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	ITEM 16		ITEM 17	
Bid Item Description	Electrical System: For furnishing		Water System: For furnishing transportation,	
Unit of Measure	Lump Sum		Lump Sum	
Approximate Quantity	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 535,000.00	\$ 535,000.00	\$ 25,000.00	\$ 25,000.00
1 Griffith Company	\$ 600,000.00	\$ 600,000.00	\$ 37,300.00	\$ 37,300.00
2 Stacy and Witbeck	\$ 885,000.00	\$ 885,000.00	\$ 40,000.00	\$ 40,000.00
3 Lonerock, Inc.	\$ 561,000.00	\$ 561,000.00	\$ 355,000.00	\$ 355,000.00
4 RailWorks Track Services, Inc	\$ 733,431.00	\$ 733,431.00	\$ 50,685.00	\$ 50,685.00
5 Herzog Contracting Corp.	\$ 1,000,000.00	\$ 1,000,000.00	\$ 75,000.00	\$ 75,000.00
6 Kiewit Infrastructure West Co.	\$ 700,000.00	\$ 700,000.00	\$ 30,630.00	\$ 30,630.00
1) AVERAGE BID	\$ 716,347.29	\$ 716,347.29	\$ 87,659.29	\$ 87,659.29
2) STANDARD DEVIATION	\$ 160,364.76	\$ 160,364.76	\$ 110,184.52	\$ 110,184.52
3) ENG. EST. - LOW BIDDER	\$ (65,000.00)	\$ (65,000.00)	\$ (12,300.00)	\$ (12,300.00)

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	ITEM 18		ITEM 19	
Bid Item Description	Storm Drain System: For furnishing		Steel Pipe Casings Under New Railroad	
Unit of Measure	Lump Sum		Linear Feet	
Approximate Quantity	1		130	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 155,000.00	\$ 155,000.00	\$ 500.00	\$ 65,000.00
1 Griffith Company	\$ 182,000.00	\$ 182,000.00	\$ 1,100.00	\$ 143,000.00
2 Stacy and Witbeck	\$ 150,000.00	\$ 150,000.00	\$ 1,070.00	\$ 139,100.00
3 Lonerock, Inc.	\$ 575,000.00	\$ 575,000.00	\$ 750.00	\$ 97,500.00
4 RailWorks Track Services, Inc	\$ 214,819.00	\$ 214,819.00	\$ 819.00	\$ 106,470.00
5 Herzog Contracting Corp.	\$ 300,000.00	\$ 300,000.00	\$ 1,400.00	\$ 182,000.00
6 Kiewit Infrastructure West Co.	\$ 50,000.00	\$ 50,000.00	\$ 900.00	\$ 117,000.00
1) AVERAGE BID	\$ 232,402.71	\$ 232,402.71	\$ 934.14	\$ 121,438.57
2) STANDARD DEVIATION	\$ 156,225.14	\$ 156,225.14	\$ 267.21	\$ 34,737.04
3) ENG. EST. - LOW BIDDER	\$ (27,000.00)	\$ (27,000.00)	\$ (600.00)	\$ (78,000.00)

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	ITEM 20		ITEM 21	
Bid Item Description	Trench Subgrade Stabilization: For furnishing		Rain Event Action Plan Sampling and Testing	
Unit of Measure	Cubic Yards		Sampled Rainy Days	
Approximate Quantity	1000		30	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 75.00	\$ 75,000.00	\$ 1,200.00	\$ 36,000.00
1 Griffith Company	\$ 45.00	\$ 45,000.00	\$ 500.00	\$ 15,000.00
2 Stacy and Witbeck	\$ 195.00	\$ 195,000.00	\$ 130.00	\$ 3,900.00
3 Lonerock, Inc.	\$ 200.00	\$ 200,000.00	\$ 1,000.00	\$ 30,000.00
4 RailWorks Track Services, Inc	\$ 185.00	\$ 185,000.00	\$ 50.00	\$ 1,500.00
5 Herzog Contracting Corp.	\$ 141.00	\$ 141,000.00	\$ 250.00	\$ 7,500.00
6 Kiewit Infrastructure West Co.	\$ 125.00	\$ 125,000.00	\$ 1,000.00	\$ 30,000.00
1) AVERAGE BID	\$ 138.00	\$ 138,000.00	\$ 590.00	\$ 17,700.00
2) STANDARD DEVIATION	\$ 56.19	\$ 56,185.92	\$ 436.74	\$ 13,102.24
3) ENG. EST. - LOW BIDDER	\$ 30.00	\$ 30,000.00	\$ 700.00	\$ 21,000.00

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	ITEM 22		ITEM 23	
Bid Item Description	Furnish 30-Inch Diameter Steel Sleeves: For		Install 30-Inch Diameter Steel Sleeves: For	
Unit of Measure	Linear Feet		Each	
Approximate Quantity	600		20	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 385.00	\$ 231,000.00	\$ 9,000.00	\$ 180,000.00
1 Griffith Company	\$ 11.00	\$ 6,600.00	\$ 1,375.00	\$ 27,500.00
2 Stacy and Witbeck	\$ 135.00	\$ 81,000.00	\$ 3,660.00	\$ 73,200.00
3 Lonerock, Inc.	\$ 90.00	\$ 54,000.00	\$ 3,900.00	\$ 78,000.00
4 RailWorks Track Services, Inc	\$ 110.00	\$ 66,000.00	\$ 4,312.00	\$ 86,240.00
5 Herzog Contracting Corp.	\$ 135.00	\$ 81,000.00	\$ 2,100.00	\$ 42,000.00
6 Kiewit Infrastructure West Co.	\$ 8.00	\$ 4,800.00	\$ 625.00	\$ 12,500.00
1) AVERAGE BID	\$ 124.86	\$ 74,914.29	\$ 3,567.43	\$ 71,348.57
2) STANDARD DEVIATION	\$ 117.07	\$ 70,240.96	\$ 2,558.02	\$ 51,160.46
3) ENG. EST. - LOW BIDDER	\$ 374.00	\$ 224,400.00	\$ 7,625.00	\$ 152,500.00

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	ITEM 24		ITEM 25	
Bid Item Description	Steel Sleeve Cutoffs 6 Feet Or Less In		Steel Sleeve Buildups Greater Than 6 Inches,	
Unit of Measure	Each		Each	
Approximate Quantity	9		9	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 5,800.00	\$ 52,200.00	\$ 8,500.00	\$ 76,500.00
1 Griffith Company	\$ 78.00	\$ 702.00	\$ 172.00	\$ 1,548.00
2 Stacy and Witbeck	\$ 227.00	\$ 2,043.00	\$ 4,500.00	\$ 40,500.00
3 Lonerock, Inc.	\$ 125.00	\$ 1,125.00	\$ 1,000.00	\$ 9,000.00
4 RailWorks Track Services, Inc	\$ 138.00	\$ 1,242.00	\$ 1,106.00	\$ 9,954.00
5 Herzog Contracting Corp.	\$ 150.00	\$ 1,350.00	\$ 3,000.00	\$ 27,000.00
6 Kiewit Infrastructure West Co.	\$ 60.00	\$ 540.00	\$ 120.00	\$ 1,080.00
1) AVERAGE BID	\$ 939.71	\$ 8,457.43	\$ 2,628.29	\$ 23,654.57
2) STANDARD DEVIATION	\$ 1,984.83	\$ 17,863.50	\$ 2,813.54	\$ 25,321.85
3) ENG. EST. - LOW BIDDER	\$ 5,722.00	\$ 51,498.00	\$ 8,328.00	\$ 74,952.00

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	ITEM 26		ITEM 27	
Bid Item Description	Furnish 14-Inch Square Prestressed		Install 14-Inch Square Prestressed Concrete	
Unit of Measure	Linear Feet		Each	
Approximate Quantity	1160		29	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 98.00	\$ 113,680.00	\$ 9,600.00	\$ 278,400.00
1 Griffith Company	\$ 157.00	\$ 182,120.00	\$ 6,700.00	\$ 194,300.00
2 Stacy and Witbeck	\$ 113.00	\$ 131,080.00	\$ 4,200.00	\$ 121,800.00
3 Lonerock, Inc.	\$ 65.00	\$ 75,400.00	\$ 4,000.00	\$ 116,000.00
4 RailWorks Track Services, Inc	\$ 73.00	\$ 84,680.00	\$ 4,368.00	\$ 126,672.00
5 Herzog Contracting Corp.	\$ 75.00	\$ 87,000.00	\$ 2,500.00	\$ 72,500.00
6 Kiewit Infrastructure West Co.	\$ 120.00	\$ 139,200.00	\$ 4,800.00	\$ 139,200.00
1) AVERAGE BID	\$ 100.14	\$ 116,165.71	\$ 5,166.86	\$ 149,838.86
2) STANDARD DEVIATION	\$ 30.24	\$ 35,077.45	\$ 2,144.25	\$ 62,183.13
3) ENG. EST. - LOW BIDDER	\$ (59.00)	\$ (68,440.00)	\$ 2,900.00	\$ 84,100.00

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	ITEM 28		ITEM 29	
Bid Item Description	14 Inch Square Concrete Pile Cutoffs 6 Feet		14 Inch Square Concrete Pile Buildups	
Unit of Measure	Each		Each	
Approximate Quantity	9		9	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 500.00	\$ 4,500.00	\$ 1,500.00	\$ 13,500.00
1 Griffith Company	\$ 390.00	\$ 3,510.00	\$ 405.00	\$ 3,645.00
2 Stacy and Witbeck	\$ 560.00	\$ 5,040.00	\$ 1,500.00	\$ 13,500.00
3 Lonerock, Inc.	\$ 800.00	\$ 7,200.00	\$ 1,200.00	\$ 10,800.00
4 RailWorks Track Services, Inc	\$ 802.00	\$ 7,218.00	\$ 1,548.00	\$ 13,932.00
5 Herzog Contracting Corp.	\$ 300.00	\$ 2,700.00	\$ 1,000.00	\$ 9,000.00
6 Kiewit Infrastructure West Co.	\$ 300.00	\$ 2,700.00	\$ 300.00	\$ 2,700.00
1) AVERAGE BID	\$ 521.71	\$ 4,695.43	\$ 1,064.71	\$ 9,582.43
2) STANDARD DEVIATION	\$ 197.70	\$ 1,779.32	\$ 486.24	\$ 4,376.17
3) ENG. EST. - LOW BIDDER	\$ 110.00	\$ 990.00	\$ 1,095.00	\$ 9,855.00

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	ITEM 30		ITEM 31	
Bid Item Description	Restriking 14 Inch Square Concrete Indicator		Transport And Deliver To Berth 161 Surplus	
Unit of Measure	Each		Each	
Approximate Quantity	4		2	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 2,300.00	\$ 9,200.00	\$ 5,000.00	\$ 10,000.00
1 Griffith Company	\$ 2,280.00	\$ 9,120.00	\$ 1,800.00	\$ 3,600.00
2 Stacy and Witbeck	\$ 5,300.00	\$ 21,200.00	\$ 3,000.00	\$ 6,000.00
3 Lonerock, Inc.	\$ 1,200.00	\$ 4,800.00	\$ 1,000.00	\$ 2,000.00
4 RailWorks Track Services, Inc	\$ 1,327.00	\$ 5,308.00	\$ 1,051.00	\$ 2,102.00
5 Herzog Contracting Corp.	\$ 3,500.00	\$ 14,000.00	\$ 2,000.00	\$ 4,000.00
6 Kiewit Infrastructure West Co.	\$ 2,000.00	\$ 8,000.00	\$ 1,500.00	\$ 3,000.00
1) AVERAGE BID	\$ 2,558.14	\$ 10,232.57	\$ 2,193.00	\$ 4,386.00
2) STANDARD DEVIATION	\$ 1,321.29	\$ 5,285.16	\$ 1,305.48	\$ 2,610.95
3) ENG. EST. - LOW BIDDER	\$ 20.00	\$ 80.00	\$ 3,200.00	\$ 6,400.00

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	ITEM 32		ITEM 33	
Bid Item Description	Concrete Substructure Protection: For		Pavement Striping: For furnishing	
Unit of Measure	Lump Sum		Lump Sum	
Approximate Quantity	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 755,000.00	\$ 755,000.00	\$ 30,000.00	\$ 30,000.00
1 Griffith Company	\$ 535,000.00	\$ 535,000.00	\$ 14,500.00	\$ 14,500.00
2 Stacy and Witbeck	\$ 575,000.00	\$ 575,000.00	\$ 35,000.00	\$ 35,000.00
3 Lonerock, Inc.	\$ 1,300,000.00	\$ 1,300,000.00	\$ 35,000.00	\$ 35,000.00
4 RailWorks Track Services, Inc	\$ 704,201.00	\$ 704,201.00	\$ 5,000.00	\$ 5,000.00
5 Herzog Contracting Corp.	\$ 430,000.00	\$ 430,000.00	\$ 21,000.00	\$ 21,000.00
6 Kiewit Infrastructure West Co.	\$ 376,000.00	\$ 376,000.00	\$ 23,000.00	\$ 23,000.00
1) AVERAGE BID	\$ 667,885.86	\$ 667,885.86	\$ 23,357.14	\$ 23,357.14
2) STANDARD DEVIATION	\$ 286,991.64	\$ 286,991.64	\$ 10,256.41	\$ 10,256.41
3) ENG. EST. - LOW BIDDER	\$ 220,000.00	\$ 220,000.00	\$ 15,500.00	\$ 15,500.00

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Bid Item Description	ITEM 34		ITEM 35	
	Dual Tone Multi-Frequency (DTMF)		Relocate Camera Poles: For furnishing	
	Each		Each	
	7		6	
Unit of Measure	Unit Price	Extended Price	Unit Price	Extended Price
Approximate Quantity				
ENGINEERING ESTIMATE	\$ 65,000.00	\$ 455,000.00	\$ 5,000.00	\$ 30,000.00
1 Griffith Company	\$ 44,000.00	\$ 308,000.00	\$ 7,800.00	\$ 46,800.00
2 Stacy and Witbeck	\$ 8,500.00	\$ 59,500.00	\$ 15,500.00	\$ 93,000.00
3 Lonerock, Inc.	\$ 42,000.00	\$ 294,000.00	\$ 8,000.00	\$ 48,000.00
4 RailWorks Track Services, Inc	\$ 11,650.00	\$ 81,550.00	\$ 10,093.00	\$ 60,558.00
5 Herzog Contracting Corp.	\$ 6,100.00	\$ 42,700.00	\$ 12,000.00	\$ 72,000.00
6 Kiewit Infrastructure West Co.	\$ 6,150.00	\$ 43,050.00	\$ 2,000.00	\$ 12,000.00
1) AVERAGE BID	\$ 26,200.00	\$ 183,400.00	\$ 8,627.57	\$ 51,765.43
2) STANDARD DEVIATION	\$ 22,048.40	\$ 154,338.83	\$ 4,121.61	\$ 24,729.66
3) ENG. EST. - LOW BIDDER	\$ 21,000.00	\$ 147,000.00	\$ (2,800.00)	\$ (16,800.00)

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	ITEM 36		ITEM 37	
Bid Item Description	Remove Abandoned Oil Lines: For furnishing		Photographic Documentation: For furnishing	
Unit of Measure	Linear Feet		Lump Sum	
Approximate Quantity	1400		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 190.00	\$ 266,000.00	\$ 30,000.00	\$ 30,000.00
1 Griffith Company	\$ 68.00	\$ 95,200.00	\$ 33,000.00	\$ 33,000.00
2 Stacy and Witbeck	\$ 125.00	\$ 175,000.00	\$ 40,000.00	\$ 40,000.00
3 Lonerock, Inc.	\$ 350.00	\$ 490,000.00	\$ 50,000.00	\$ 50,000.00
4 RailWorks Track Services, Inc	\$ 59.00	\$ 82,600.00	\$ 29,273.00	\$ 29,273.00
5 Herzog Contracting Corp.	\$ 92.00	\$ 128,800.00	\$ 35,000.00	\$ 35,000.00
6 Kiewit Infrastructure West Co.	\$ 55.00	\$ 77,000.00	\$ 42,000.00	\$ 42,000.00
1) AVERAGE BID	\$ 134.14	\$ 187,800.00	\$ 37,039.00	\$ 37,039.00
2) STANDARD DEVIATION	\$ 98.46	\$ 137,842.23	\$ 6,883.69	\$ 6,883.69
3) ENG. EST. - LOW BIDDER	\$ 122.00	\$ 170,800.00	\$ (3,000.00)	\$ (3,000.00)

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Bid Item Description	ITEM 38		ITEM 39	
	Excavate, Stockpile, and Dispose of		Excavate, Stockpile, and Dispose of	
	Tons		Tons	
	1000		4000	
Unit of Measure	Unit Price	Extended Price	Unit Price	Extended Price
Approximate Quantity				
ENGINEERING ESTIMATE	\$ 150.00	\$ 150,000.00	\$ 150.00	\$ 600,000.00
1 Griffith Company	\$ 106.00	\$ 106,000.00	\$ 106.00	\$ 424,000.00
2 Stacy and Witbeck	\$ 97.00	\$ 97,000.00	\$ 97.00	\$ 388,000.00
3 Lonerock, Inc.	\$ 155.00	\$ 155,000.00	\$ 155.00	\$ 620,000.00
4 RailWorks Track Services, Inc	\$ 130.00	\$ 130,000.00	\$ 122.00	\$ 488,000.00
5 Herzog Contracting Corp.	\$ 150.00	\$ 150,000.00	\$ 135.00	\$ 540,000.00
6 Kiewit Infrastructure West Co.	\$ 149.00	\$ 149,000.00	\$ 149.00	\$ 596,000.00
1) AVERAGE BID	\$ 133.86	\$ 133,857.14	\$ 130.57	\$ 522,285.71
2) STANDARD DEVIATION	\$ 21.87	\$ 21,866.01	\$ 21.17	\$ 84,687.18
3) ENG. EST. - LOW BIDDER	\$ 44.00	\$ 44,000.00	\$ 44.00	\$ 176,000.00

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	ITEM 40		ITEM 41	
Bid Item Description	Excavate, Stockpile, and Dispose of		Excavate, Stockpile, and Dispose of or	
Unit of Measure	Tons		Tons	
Approximate Quantity	175		12600	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 215.00	\$ 37,625.00	\$ 100.00	\$ 1,260,000.00
1 Griffith Company	\$ 215.00	\$ 37,625.00	\$ 48.00	\$ 604,800.00
2 Stacy and Witbeck	\$ 211.00	\$ 36,925.00	\$ 57.00	\$ 718,200.00
3 Lonerock, Inc.	\$ 260.00	\$ 45,500.00	\$ 95.00	\$ 1,197,000.00
4 RailWorks Track Services, Inc	\$ 251.00	\$ 43,925.00	\$ 97.00	\$ 1,222,200.00
5 Herzog Contracting Corp.	\$ 375.00	\$ 65,625.00	\$ 99.00	\$ 1,247,400.00
6 Kiewit Infrastructure West Co.	\$ 160.00	\$ 28,000.00	\$ 120.00	\$ 1,512,000.00
1) AVERAGE BID	\$ 241.00	\$ 42,175.00	\$ 88.00	\$ 1,108,800.00
2) STANDARD DEVIATION	\$ 62.37	\$ 10,914.73	\$ 23.84	\$ 300,443.67
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ 52.00	\$ 655,200.00

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Bid Item Description	ITEM 42		Contingency Allowance Item	
	Import and Place Fill Soil: For furnishing		ITEM 43	
Unit of Measure	Cubic Yards		Remove, Dispose Of And Replace	
Approximate Quantity	900		Lump Sum	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 38.00	\$ 34,200.00	\$ 50,000.00	\$ 50,000.00
1 Griffith Company	\$ 51.00	\$ 45,900.00	\$ 50,000.00	\$ 50,000.00
2 Stacy and Witbeck	\$ 78.00	\$ 70,200.00	\$ 50,000.00	\$ 50,000.00
3 Lonerock, Inc.	\$ 25.00	\$ 22,500.00	\$ 50,000.00	\$ 50,000.00
4 RailWorks Track Services, Inc	\$ 69.00	\$ 62,100.00	\$ 50,000.00	\$ 50,000.00
5 Herzog Contracting Corp.	\$ 77.00	\$ 69,300.00	\$ 50,000.00	\$ 50,000.00
6 Kiewit Infrastructure West Co.	\$ 70.00	\$ 63,000.00	\$ 50,000.00	\$ 50,000.00
1) AVERAGE BID	\$ 58.29	\$ 52,457.14	\$ 50,000.00	\$ 50,000.00
2) STANDARD DEVIATION	\$ 19.14	\$ 17,222.81	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ (13.00)	\$ (11,700.00)	\$ -	\$ -

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Bid Item Description Unit of Measure Approximate Quantity	Contingency Allowance Item		Contingency Allowance Item	
	ITEM 44		ITEM 45	
	Unforeseen Utility And Substructure		Perform Unforeseen Regulatory Agency	
	Lump Sum		Lump Sum	
	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
1 Griffith Company	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
2 Stacy and Witbeck	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
3 Lonerock, Inc.	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
4 RailWorks Track Services, Inc	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
5 Herzog Contracting Corp.	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
6 Kiewit Infrastructure West Co.	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
1) AVERAGE BID	\$ 300,000.00	\$ 300,000.00	\$ 35,000.00	\$ 35,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -

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	Contingency Allowance Item		Contingency Allowance Item	
	ITEM 46		ITEM 47	
Bid Item Description	Owner-Directed Premium Time: Bidder shall		Internet-Based Project Management: Bidder	
Unit of Measure	Lump Sum		Lump Sum	
Approximate Quantity	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
1 Griffith Company	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
2 Stacy and Witbeck	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
3 Lonerock, Inc.	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
4 RailWorks Track Services, Inc	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
5 Herzog Contracting Corp.	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
6 Kiewit Infrastructure West Co.	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
1) AVERAGE BID	\$ 75,000.00	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -

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	Contingency Allowance Item		Contingency Allowance Item	
	ITEM 48		ITEM 49	
Bid Item Description	Tenant-Requested Changes: Bidder shall		Guard Service Compensation: Bidder shall	
Unit of Measure	Lump Sum		Lump Sum	
Approximate Quantity	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
1 Griffith Company	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
2 Stacy and Witbeck	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
3 Lonerock, Inc.	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
4 RailWorks Track Services, Inc	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
5 Herzog Contracting Corp.	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
6 Kiewit Infrastructure West Co.	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
1) AVERAGE BID	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -

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	Contingency Allowance Item		Contingency Allowance Item	
	ITEM 50		ITEM 51	
Bid Item Description	Partnering Facility: Bidder shall include in the		Excavate, Sample, Test, Characterize,	
Unit of Measure	Lump Sum		Lump Sum	
Approximate Quantity	1		1	
	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
1 Griffith Company	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
2 Stacy and Witbeck	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
3 Lonerock, Inc.	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
4 RailWorks Track Services, Inc	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
5 Herzog Contracting Corp.	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
6 Kiewit Infrastructure West Co.	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
1) AVERAGE BID	\$ 50,000.00	\$ 50,000.00	\$ 275,000.00	\$ 275,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -

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Contingency Allowance Item		
	ITEM 52	
Bid Item Description	Unforeseen Railroad Work: Bidder shall	
Unit of Measure	Lump Sum	
Approximate Quantity	1	
	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 75,000.00	\$ 75,000.00
1 Griffith Company	\$ 75,000.00	\$ 75,000.00
2 Stacy and Witbeck	\$ 75,000.00	\$ 75,000.00
3 Lonerock, Inc.	\$ 75,000.00	\$ 75,000.00
4 RailWorks Track Services, Inc	\$ 75,000.00	\$ 75,000.00
5 Herzog Contracting Corp.	\$ 75,000.00	\$ 75,000.00
6 Kiewit Infrastructure West Co.	\$ 75,000.00	\$ 75,000.00
1) AVERAGE BID	\$ 75,000.00	\$ 75,000.00
2) STANDARD DEVIATION	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -



 SHAUN SHAHRESTANI
 Chief Harbor Engineer