



Date Bid Posted: 10/17/2017
Date Bid Opened: 11/20/2017
Bid Submittals: 4
Declinations: 0

PRICE ANALYSIS

Bid No. PNC2114822C1
Andrews Avenue Drawbridge Rehabilitation
Agency: Highway and Bridge Maintenance Division
Purchasing Agent: Carolyn Messersmith

Item #		Description	Qty	Unit	Unit Price	Original Total	BAFO Unit Price	BAFO Total	Price	Total	BAFO Unit Price	BAFO Total	Price	Total	Percent Difference (Recommended Bidder versus Engineer's Estimate)
Seacoast															
PNC2114822C1-01-01		Mobilization/Demobilization	1	lump sum	\$225,000.00	\$225,000.00	\$225,000.00	\$225,000.00	\$260,000.00	\$260,000.00	\$230,500.00	\$230,500.00	\$437,229.22	\$437,229.22	-89.69%
PNC2114822C1-01-02		Insurance Payment Bond and Performance Bond	1	lump sum	\$63,000.00	\$63,000.00	\$63,000.00	\$63,000.00	\$91,000.00	\$91,000.00	\$87,000.00	\$87,000.00	\$0.00	\$0.00	100.00%
PNC2114822C1-01-03		GENERAL CONDITIONS	1	lump sum	\$457,113.00	\$457,113.00	\$457,113.00	\$457,113.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$544,436.83	\$544,436.83	-54343.68%
PNC2114822C1-01-04		SPECIAL CONDITIONS	1	lump sum	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	\$0.00	100.00%
PNC2114822C1-01-05		MAINTENANCE OF TRAFFIC	1	lump sum	\$258,000.00	\$258,000.00	\$258,000.00	\$258,000.00	\$538,000.00	\$538,000.00	\$538,000.00	\$538,000.00	\$0.00	\$0.00	100.00%
PNC2114822C1-01-06		REMOVAL OF EXISTING STRUCTURES	5440	square foot	\$62.00	\$337,280.00	\$62.00	\$337,280.00	\$82.00	\$446,080.00	\$74.00	\$402,560.00	\$20.00	\$108,800.00	72.97%
PNC2114822C1-01-07		CONCRETE CLASS IV PEDESTRIAN RAMP LEAF	100	cubic yard	\$3,162.00	\$316,200.00	\$3,162.00	\$316,200.00	\$3,100.00	\$310,000.00	\$2,800.00	\$280,000.00	\$1,250.00	\$125,000.00	55.36%
PNC2114822C1-01-08		SHOULDERS (LIGHTWEIGHT)	40	cubic yard	\$4,300.00	\$172,000.00	\$4,300.00	\$172,000.00	\$3,700.00	\$148,000.00	\$2,800.00	\$112,000.00	\$2,500.00	\$100,000.00	10.71%
PNC2114822C1-01-09		REINFORCING STEEL (SUBSTRUCTURE)	30000	pound	\$2.00	\$60,000.00	\$2.00	\$60,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.25	\$37,500.00	-25.00%
PNC2114822C1-01-10		BRIDGE DECK EXPANSION JOINT REHAB- CLEANSE/REPLACE POURED WITH BACKER ROD	51	linear foot	\$200.00	\$10,200.00	\$200.00	\$10,200.00	\$90.00	\$4,590.00	\$90.00	\$4,590.00	\$456.00	\$23,256.00	-406.67%
PNC2114822C1-01-11		STRUCTURAL STEEL REHABILITATION-BASCULE LEAVES	5000	pound	\$20.00	\$100,000.00	\$20.00	\$100,000.00	\$25.00	\$125,000.00	\$25.00	\$125,000.00	\$14.00	\$70,000.00	44.00%
PNC2114822C1-01-12		ALUMINUM BULLET RAILING (SINGLE RAIL)	1750	linear foot	\$25.00	\$43,750.00	\$25.00	\$43,750.00	\$78.00	\$136,500.00	\$78.00	\$136,500.00	\$21.00	\$36,750.00	73.08%
PNC2114822C1-01-13		REHAB F&I SPAN LOCKS	2	assembly	\$127,884.00	\$255,768.00	\$127,884.00	\$255,768.00	\$180,000.00	\$360,000.00	\$150,000.00	\$300,000.00	\$180,000.00	\$360,000.00	-20.00%
PNC2114822C1-01-14		MOVABLE BRIDGE MACHINERY & CASTING - REHAB F&I HYDRAULIC CYLINDER	2	each	\$161,123.00	\$322,246.00	\$161,123.00	\$322,246.00	\$225,000.00	\$450,000.00	\$210,000.00	\$420,000.00	\$188,500.00	\$377,000.00	10.24%
PNC2114822C1-01-15		MOVABLE BRIDGE MACHINERY & CASTING - REHAB F&I HYDRAULIC POWER PACK	1	each	\$323,991.00	\$323,991.00	\$323,991.00	\$323,991.00	\$425,000.00	\$425,000.00	\$400,000.00	\$400,000.00	\$307,000.00	\$307,000.00	23.25%
PNC2114822C1-01-16		MOVABLE BRIDGE MACHINERY & CASTING - REHAB RECONDITION TRUNNION ASSEMBLY	2	each	\$17,894.00	\$35,788.00	\$17,894.00	\$35,788.00	\$30,000.00	\$60,000.00	\$30,000.00	\$60,000.00	\$25,000.00	\$50,000.00	16.67%
PNC2114822C1-01-17		MOVABLE BRIDGE MACHINERY & CASTING - REHAB RECONDITION LIVE LOAD SHOES	1	lump sum	\$54,213.00	\$54,213.00	\$54,213.00	\$54,213.00	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$15,000.00	\$15,000.00	37.50%
PNC2114822C1-01-18		MOVABLE BRIDGE COUNTERWEIGHT F&I BALANCE BLOCKS	1000	each	\$100.00	\$100,000.00	\$100.00	\$100,000.00	\$125.00	\$125,000.00	\$125.00	\$125,000.00	\$100.00	\$100,000.00	20.00%
PNC2114822C1-01-19		MOVABLE BRIDGE COUNTERWEIGHT ADJUST	1	each	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$38,000.00	\$38,000.00	\$38,000.00	\$38,000.00	\$15,000.00	\$15,000.00	60.53%
PNC2114822C1-01-20		MAINTENANCE AND ROUTINE REPAIRS	1	lump sum	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$20,000.00	\$20,000.00	71.43%
PNC2114822C1-01-21		MOVABLE BRIDGE OPERATOR	548	day	\$450.00	\$246,600.00	\$450.00	\$246,600.00	\$550.00	\$301,400.00	\$1.00	\$548.00	\$400.00	\$219,200.00	-39900.00%
PNC2114822C1-01-22		MOVABLE BRIDGE FUNCTIONAL CHECKOUT (PHASE C)	1	lump sum	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	14.29%
PNC2114822C1-01-23		ALUMINUM SIDEWALK FLOOR	700	square foot	\$73.00	\$51,100.00	\$73.00	\$51,100.00	\$80.00	\$56,000.00	\$80.00	\$56,000.00	\$40.00	\$28,000.00	50.00%
PNC2114822C1-01-24		MOVABLE BRIDGE GATE F&I	5	assembly	\$68,865.00	\$344,325.00	\$68,865.00	\$344,325.00	\$60,000.00	\$300,000.00	\$60,000.00	\$300,000.00	\$50,000.00	\$250,000.00	16.67%
PNC2114822C1-01-25		MOVABLE BRIDGE GATEREMOVE	5	assembly	\$1,810.00	\$9,050.00	\$1,810.00	\$9,050.00	\$1,200.00	\$6,000.00	\$1,200.00	\$6,000.00	\$1,000.00	\$5,000.00	16.67%
PNC2114822C1-01-26		MOVABLE BRIDGE SIGNAL F&I	4	assembly	\$13,277.00	\$53,108.00	\$13,277.00	\$53,108.00	\$14,000.00	\$56,000.00	\$14,000.00	\$56,000.00	\$17,000.00	\$68,000.00	-21.43%
PNC2114822C1-01-27		MOVABLE BRIDGE SIGNAL REMOVE & DISPOSE	4	assembly	\$1,990.00	\$7,960.00	\$1,990.00	\$7,960.00	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00	\$1,000.00	\$4,000.00	16.67%
PNC2114822C1-01-28		MOVABLE BRIDGE ELECTRICAL EQUIPMENT REHABILITATION	1	lump sum	\$965,000.00	\$965,000.00	\$965,000.00	\$965,000.00	\$1,418,000.00	\$1,418,000.00	\$1,266,000.00	\$1,266,000.00	\$474,850.00	\$474,850.00	62.49%
PNC2114822C1-01-29		MOVABLE BRIDGE EMERGENCY GENERATOR F&I	1	assembly	\$135,882.00	\$135,882.00	\$135,882.00	\$135,882.00	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$45,000.00	\$45,000.00	65.38%

Tabulation of Bids

Kiewit Infrastructure South Co.

Seacoast

Engineer's Cost Estimate *

Percent Difference (Recommended Bidder versus Engineer's Estimate)



PRICE ANALYSIS

Bid No. PNC2114822C1
 Andrews Avenue Drawbridge Rehabilitation
 Agency: Highway and Bridge Maintenance Division
 Purchasing Agent: Carolyn Messersmith

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Tabulation of Bids		Seacoast				Kiewit Infrastructure South Co.				Engineer's Cost Estimate *		Percent Difference (Recommended Bidder versus Engineer's Estimate)		
Item #	Description	Qty	Unit	Unit Price	Original Total	BAFO Unit Price	BAFO Total	Price	Total	BAFO Unit Price	BAFO Total	Price	Total	
PNC2114822C1-01-30	MOVABLE BRIDGE EMERGENCY GENERATOR REMOVE	1	assembly	\$7,476.00	\$7,476.00	\$7,476.00	\$7,476.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	-75.00%
PNC2114822C1-01-31	SUBMARINE CABLE ASSEMBLY- F&I	1	lump sum	\$254,876.00	\$254,876.00	\$254,876.00	\$254,876.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$501,095.40	\$501,095.40	-234.08%
PNC2114822C1-01-32	MOVABLE BRIDGE REHAB-SPAN MOTORS AND CONTROLLERS F&I	1	lump sum	\$41,832.00	\$41,832.00	\$41,832.00	\$41,832.00	\$180,000.00	\$180,000.00	\$180,000.00	\$180,000.00	\$115,000.00	\$115,000.00	36.11%
PNC2114822C1-01-33	MOVABLE BRIDGE REHAB-SPAN MOTORS AND CONTROLLERS REMOVE	1	lump sum	\$4,160.00	\$4,160.00	\$4,160.00	\$4,160.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	-100.00%
PNC2114822C1-01-34	LOGIC CONTROLLER F & I	1	each	\$139,830.00	\$139,830.00	\$139,830.00	\$139,830.00	\$71,000.00	\$71,000.00	\$71,000.00	\$71,000.00	\$64,000.00	\$64,000.00	9.86%
PNC2114822C1-01-35	MOVABLE BRIDGE - REHAB LIMIT SWITCHES & TRANSDUCERS F & I	1	lump sum	\$44,079.00	\$44,079.00	\$44,079.00	\$44,079.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,100.00	\$17,100.00	-0.59%
PNC2114822C1-01-36	MOVABLE BRIDGE - REHAB LIMIT SWITCHES & TRANSDUCERS REMOVE	1	lump sum	\$1,856.00	\$1,856.00	\$1,856.00	\$1,856.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	0.00%
PNC2114822C1-01-37	MOVABLE BRIDGE - REHAB CONTROL CONSOLE F & I	1	each	\$135,406.00	\$135,406.00	\$135,406.00	\$135,406.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$219,700.00	\$219,700.00	-83.08%
PNC2114822C1-01-38	MOVABLE BRIDGE - REHAB CONTROL CONSOLE REMOVE	1	each	\$5,889.00	\$5,889.00	\$5,889.00	\$5,889.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,100.00	\$2,100.00	16.00%
PNC2114822C1-01-39	MOTOR CONTROLLER F & I	1	each	\$203,461.00	\$203,461.00	\$203,461.00	\$203,461.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$125,000.00	\$125,000.00	-56.25%
PNC2114822C1-01-40	MOVABLE BRIDGE CONTROL HOUSE	1	lump sum	\$633,007.00	\$633,007.00	\$633,007.00	\$633,007.00	\$629,000.00	\$629,000.00	\$629,000.00	\$629,000.00	\$200,000.00	\$200,000.00	68.20%
PNC2114822C1-01-41	PEDESTRIAN RAILING STEEL ONLY	950	linear foot	\$427.00	\$405,650.00	\$427.00	\$405,650.00	\$455.00	\$432,250.00	\$455.00	\$432,250.00	\$100.00	\$95,000.00	78.02%
PNC2114822C1-01-42	COATING EXISTING STRUCTURAL STEEL	1	lump sum	\$1,000,000.00	\$1,000,000.00	\$660,000.00	\$660,000.00	\$730,000.00	\$730,000.00	\$670,000.00	\$670,000.00	\$500,000.00	\$500,000.00	25.37%
PNC2114822C1-01-43	LIGHTPOLE COMPLETE F & I WIND SPEED 150 MPH 40 FEET POLE	13	each	\$7,932.00	\$103,116.00	\$7,932.00	\$103,116.00	\$7,800.00	\$101,400.00	\$7,800.00	\$101,400.00	\$4,522.70	\$58,795.10	42.02%
TOTAL BASE BID ALLOWANCES					\$8,128,212.00		\$7,788,212.00		\$8,469,020.00		\$7,698,148.00		\$5,758,312.55	25.20%
TOTAL BASE BID WITH ALLOWANCES					\$8,276,212.00		\$7,936,212.00		\$8,617,020.00		\$7,846,148.00		\$5,906,312.55	24.72%
PNC2114822C1-02-01	FURNISH AND INSTALL NOISE MITIGATING WHEEL PATHS	1	lump sum	\$92,000.00	\$92,000.00	\$92,000.00	\$92,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	
PNC2114822C1-02-02	CONCRETE CLASS IV FILL/STEEL GRID FLOORING (LIGHTWEIGHT)	7	cubic yard	\$1,500.00	\$10,500.00	\$1,500.00	\$10,500.00	\$4,300.00	\$30,100.00	\$4,300.00	\$30,100.00	\$100.00	\$30,100.00	
PNC2114822C1-02-03	MOVABLE BRIDGE COUNTERWEIGHT F&I BALANCE BLOCKS WHEEL PATHS	1000	each	\$100.00	\$100,000.00	\$100.00	\$100,000.00	\$87.00	\$87,000.00	\$87.00	\$87,000.00	\$87.00	\$87,000.00	
PNC2114822C1-02-04	ADDITIONAL BONDING PREMIUM FOR GROUP 2	1	lump sum	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	
Option A TOTAL					\$203,700.00		\$203,700.00		\$147,700.00		\$147,700.00		\$0.00	
PNC2114822C1-03-01	FURNISH & INSTALL LUMINAIRES AND BRACKET ARMS	4	each	\$6,856.00	\$27,424.00	\$6,856.00	\$27,424.00	\$6,300.00	\$25,200.00	\$6,300.00	\$25,200.00	\$6,300.00	\$25,200.00	
PNC2114822C1-03-02	ADDITIONAL BONDING PREMIUM FOR GROUP 3	1	lump sum	\$200.00	\$200.00	\$200.00	\$200.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	
Option B TOTAL					\$27,624.00		\$27,624.00		\$25,300.00		\$25,300.00		\$0.00	



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PNC2114822C1--04-01	FURNISH AND INSTALL DECORATIVE ROADWAY LUMINAIRES POLES AND ARMS AS SHOWN ON CO	13	each	\$5,183.00	\$67,379.00	\$5,183.00	\$67,379.00	\$6,200.00	\$80,600.00	\$6,200.00	\$80,600.00			
PNC2114822C1--04-02	ADDITIONAL BONDING PREMIUM FOR GROUP	1	lump sum	\$500.00	\$500.00	\$500.00	\$500.00	\$320.00	\$320.00	\$320.00	\$320.00			
	Option C TOTAL				\$67,879.00		\$67,879.00		\$80,920.00		\$80,920.00		\$0.00	
	TOTAL OPTIONAL				\$299,203.00		\$299,203.00		\$253,920.00		\$253,920.00		\$0.00	
	TOTAL BID WITH ALL OPTIONS AND ALLOWANCES:				\$8,575,415.00		\$8,235,415.00		\$8,870,940.00		\$8,100,068.00		\$5,906,312.55	
	VENDOR'S TOTAL REDUCTION FROM BAFO						-\$340,000.00				-\$770,872.00			
	BID SAVINGS FROM BAFO (ORIGINAL LOW VS. BAFO)												\$475,347.00	

* Engineer's cost estimate did not include Option's A, B, and C