

General Info

Number: PROJECT NO. 43-15-03

Description: (PART A) - BRIDGE REPAIR AND REHABILITATION
(PART B) - BRIDGE DECK REPLACEMENT AND REHABILITATION
(PART C) - TIMBER RUN DRIVE EXTENSION
Cuyahoga, Summit, Portage and Mahoning Counties, Ohio

Deadline: JANUARY 30, 2015 AT 2:00 P.M. (E.S.T.)

(Estimate Cost: \$2,100,000)

Bids

Business	Bid Total
Suburban Maintenance & Construction, Inc.	\$ 2,059,747.00
BECDIR Construction Company	\$ 2,422,538.30

PROJECT NO. 43-15-03 AWARDED TO SUBUBRAN MAINTENANCE VIA RESOLUTION NO. 8-2015 ON 2-23-15

SUBURBAN MAINTENANCE AND CONSTRUCTION

Part A, Part B, and Part C - General (Ref. Nos. 1 - 5)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1.0	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.0000	LUMP	\$ 30,000.00	\$ 30,000.00
2.0	SP 614	MAINTAINING TRAFFIC	1.0000	LUMP	\$150,000.00	\$ 150,000.00
3.0	SP 619	FIELD OFFICE	1.0000	LUMP	\$ 12,000.00	\$ 12,000.00
4.0	SP 623	CONSTRUCTION LAYOUT SURVEY	1.0000	LUMP	\$ 5,000.00	\$ 5,000.00
5.0	624.0	MOBILIZATION	1.0000	LUMP	\$ 80,000.00	\$ 80,000.00
Total:						\$ 277,000.00

Part A - Bridge Repair and Rehabilitation (Ref. Nos. 6 - 24)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6.0	SP 202	PORTIONS OF STRUCTURE REMOVED	1.0000	LUMP	\$103,000.00	\$ 103,000.00
7.0	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	200.0000	LBS.	\$ 3.00	\$ 600.00
8.0	510.0	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	128.0000	EACH	\$ 80.00	\$ 10,240.00
9.0	511.0	CLASS S CONCRETE, BRIDGE DECK SLAB	22.0000	CU. YD.	\$ 2,200.00	\$ 48,400.00
10.0	SP 516A	CRACK REPAIR USING EPOXY INJECTION	315.0000	LIN. FT.	\$ 70.00	\$ 22,050.00
11.0	SP 516B	SEALING OF CONSTRUCTION JOINTS	8306.0000	LIN. FT.	\$ 5.00	\$ 41,530.00
12.0	SP 516G	REPLACE EXPANSION BEARING DEVICE	82.0000	EACH	\$ 1,550.00	\$ 127,100.00
13.0	SP 516M	RESET EXISTING ROCKER BEARING	4.0000	EACH	\$ 1,500.00	\$ 6,000.00
14.0	SP 519	PATCHING CONCRETE STRUCTURES	2756.0000	SQ. FT.	\$ 85.00	\$ 234,260.00
15.0	SP 519C	CONCRETE PARAPET REPAIRS	7.0000	EACH	\$ 700.00	\$ 4,900.00
16.0	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.0000	LUMP	\$ 20,000.00	\$ 20,000.00
17.0	SP 533	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	155.0000	LIN. FT.	\$ 450.00	\$ 69,750.00
18.0	SP 533F	REPLACEMENT OF COMPRESSION SEAL WITH CONTINUOUS ELASTOMER SEAL	130.0000	LIN. FT.	\$ 100.00	\$ 13,000.00
19.0	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	8036.0000	SQ. YD.	\$ 9.00	\$ 72,324.00
20.0	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	5017.0000	SQ. YD.	\$ 12.00	\$ 60,204.00
21.0	SP 536	CONCRETE WEATHERPROOFING, DECK, SUBSTRUCTURE	4752.0000	SQ. YD.	\$ 12.00	\$ 57,024.00
22.0	SP 607A	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	1.0000	LUMP	\$ 7,500.00	\$ 7,500.00
23.0	642.0	EDGE LINE, TYPE 1	0.7900	MILE	\$ 7,500.00	\$ 5,925.00
24.0	SPECIAL	PATCHING CONCRETE BRIDGE DECKS, TYPE B	571.0000	SQ. FT.	\$ 80.00	\$ 45,680.00
Total:						\$ 949,487.00

Part B - Bridge Deck Replacement and Rehabilitation (Ref. Nos. 25 - 58)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
25.0	202.0	GUARDRAIL REMOVED	50.0000	LIN. FT.	\$ 2.40	\$ 120.00
26.0	202.0	BRIDGE TERMINAL ASSEMBLY REMOVED	4.0000	EACH	\$ 115.00	\$ 460.00
27.0	SP 202	PORTIONS OF STRUCTURE REMOVED	1.0000	LUMP	\$150,000.00	\$ 150,000.00
28.0	254.0	PAVEMENT PLANING, ASPHALT CONCRETE	85.0000	SQ. YD.	\$ 29.00	\$ 2,465.00
29.0	304.0	AGGREGATE BASE	5.0000	CU. YD.	\$ 70.00	\$ 350.00
30.0	407.0	TACK COAT	14.0000	GAL.	\$ 2.00	\$ 28.00
31.0	407.0	TACK COAT FOR INTERMEDIATE COURSE	7.0000	GAL.	\$ 2.00	\$ 14.00
32.0	441.0	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	6.0000	CU. YD.	\$ 873.50	\$ 5,241.00
33.0	441.0	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	1.0000	CU. YD.	\$ 554.00	\$ 554.00
34.0	509.0	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL	100.0000	POUND	\$ 3.00	\$ 300.00
35.0	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	5979.0000	POUND	\$ 1.00	\$ 65,979.00
36.0	SP 511A	CLASS S CONCRETE, SUPERSTRUCTURE DECK SLAB, USING SHRINKAGE COMPENSATING CEMENT	200.0000	CU. YD.	\$ 800.00	\$ 160,000.00
37.0	SP 511A	CLASS S CONCRETE, ABUTMENT SLABS, USING SHRINKAGE COMPENSATING CEMENT	31.0000	CU. YD.	\$ 550.00	\$ 17,050.00
38.0	SP 511A	CLASS S CONCRETE, USING SHRINKAGE COMPENSATING CEMENT, FOR PRE-PLACEMENT TESTING	3.0000	CU. YD.	\$ 800.00	\$ 2,400.00
39.0	SP 511A	CLASS S CONCRETE, BARRIERS AND PARAPETS, USING TYPE I CEMENT	84.0000	CU. YD.	\$ 800.00	\$ 67,200.00
40.0	513.0	WELDED STUD SHEAR CONNECTORS	2850.0000	EACH	\$ 3.00	\$ 8,550.00
41.0	SP 516A	CRACK REPAIR USING EPOXY INJECTION	20.0000	LIN. FT.	\$ 80.00	\$ 1,600.00
42.0	SP 516B	SEALING OF CONSTRUCTION JOINTS	680.0000	LIN. FT.	\$ 5.00	\$ 3,400.00
43.0	SP 516G	REPLACE EXPANSION BEARING DEVICE	20.0000	EACH	\$ 1,500.00	\$ 30,000.00
44.0	SP 516J	REPLACE FIXED BEARING DEVICE	10.0000	EACH	\$ 1,500.00	\$ 15,000.00
45.0	SP 519	PATCHING CONCRETE STRUCTURES	70.0000	SQ. FT.	\$ 80.00	\$ 5,600.00
46.0	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.0000	LUMP	\$ 54,000.00	\$ 54,000.00
47.0	SP 533	THREE (3) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	68.0000	LIN. FT.	\$ 440.00	\$ 29,920.00
48.0	SP 533A	1 1/2 INCH ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT	68.0000	LIN. FT.	\$ 420.00	\$ 28,560.00
49.0	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	426.0000	SQ. YD.	\$ 12.00	\$ 5,112.00
50.0	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	435.0000	SQ. YD.	\$ 12.00	\$ 5,220.00
51.0	SP 536	CONCRETE WEATHERPROOFING, DECK AND ABUTMENT SLABS	845.0000	SQ. YD.	\$ 9.00	\$ 7,605.00
52.0	601.0	TIED CONCRETE BLOCK MAT, TYPE 2	207.0000	SQ. YD.	\$ 50.00	\$ 10,350.00
53.0	606.0	GUARDRAIL, TYPE MGS	50.0000	LIN. FT.	\$ 21.80	\$ 1,090.00
54.0	606.0	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4.0000	EACH	\$ 2,565.00	\$ 10,260.00
55.0	SP 607	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	542.0000	LIN. FT.	\$ 96.25	\$ 52,167.50
56.0	609.0	COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN	77.0000	LIN. FT.	\$ 13.00	\$ 1,001.00
57.0	642.0	EDGE LINE, 4", TYPE 1	0.1400	MILE	\$ 6,500.00	\$ 910.00
58.0	642.0	CENTER LINE, TYPE 1	0.0700	MILE	\$ 7,000.00	\$ 490.00
Total:						\$ 742,996.50

Part C - Timber Run Drive Extension (Ref. Nos. 59 - 65)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
59.0	201.0	CLEARING AND GRUBBING	1.0000	LUMP	\$ 15,000.00	\$ 15,000.00
60.0	203.0	EXCAVATION (CUT)	800.0000	CU. YD.	\$ 40.00	\$ 32,000.00
61.0	203.0	SUBGRADE COMPACTION	612.0000	SQ. YD.	\$ 2.50	\$ 1,530.00
62.0	304.0	10" AGGREGATE BASE	185.0000	CU. YD.	\$ 70.00	\$ 12,950.00
63.0	441.0	3" ASPHALT CONCRETE BASE COURSE	56.0000	CU. YD.	\$ 230.00	\$ 12,880.00
64.0	441.0	2" ASPHALT CONCRETE WEARING COURSE	37.0000	CU. YD.	\$ 253.50	\$ 9,379.50
65.0	609.0	COMBINATION CURB & GUTTER, TYPE 2	448.0000	LIN. FT.	\$ 13.00	\$ 5,824.00
66.0	832	PERIMETER FILTER FABRIC FENCE	50.0000	LIN. FT.	\$ 2.00	\$ 100.00
67.0	832	INLET PROTECTION	4.0000	EACH	\$ 150.00	\$ 600.00
Total:						\$ 90,263.50

GRAND TOTAL: \$ 2,059,747.00

BECDIR CONSTRUCTION COMPANY

Part A, Part B, and Part C - General (Ref. Nos. 1 - 5)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1.0	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.0000	LUMP	\$ 35,000.00	\$ 35,000.00
2.0	SP 614	MAINTAINING TRAFFIC	1.0000	LUMP	\$218,000.00	\$ 218,000.00
3.0	SP 619	FIELD OFFICE	1.0000	LUMP	\$ 15,000.00	\$ 15,000.00
4.0	SP 623	CONSTRUCTION LAYOUT SURVEY	1.0000	LUMP	\$ 8,000.00	\$ 8,000.00
5.0	624.0	MOBILIZATION	1.0000	LUMP	\$100,000.00	\$ 100,000.00
Total:						\$ 376,000.00

Part A - Bridge Repair and Rehabilitation (Ref. Nos. 6 - 24)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6.0	SP 202	PORTIONS OF STRUCTURE REMOVED	1.0000	LUMP	\$ 50,000.00	\$ 50,000.00
7.0	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	200.0000	LBS.	\$ 4.00	\$ 800.00
8.0	510.0	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	128.0000	EACH	\$ 25.00	\$ 3,200.00
9.0	511.0	CLASS S CONCRETE, BRIDGE DECK SLAB	22.0000	CU. YD.	\$ 1,900.00	\$ 41,800.00
10.0	SP 516A	CRACK REPAIR USING EPOXY INJECTION	315.0000	LIN. FT.	\$ 74.00	\$ 23,310.00
11.0	SP 516B	SEALING OF CONSTRUCTION JOINTS	8306.0000	LIN. FT.	\$ 5.00	\$ 41,530.00
12.0	SP 516G	REPLACE EXPANSION BEARING DEVICE	82.0000	EACH	\$ 3,250.00	\$ 266,500.00
13.0	SP 516M	RESET EXISTING ROCKER BEARING	4.0000	EACH	\$ 2,800.00	\$ 11,200.00
14.0	SP 519	PATCHING CONCRETE STRUCTURES	2756.0000	SQ. FT.	\$ 77.00	\$ 212,212.00
15.0	SP 519C	CONCRETE PARAPET REPAIRS	7.0000	EACH	\$ 1,025.00	\$ 7,175.00
16.0	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.0000	LUMP	\$ 60,000.00	\$ 60,000.00
17.0	SP 533	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	155.0000	LIN. FT.	\$ 500.00	\$ 77,500.00
18.0	SP 533F	REPLACEMENT OF COMPRESSION SEAL WITH CONTINUOUS ELASTOMER SEAL	130.0000	LIN. FT.	\$ 80.00	\$ 10,400.00
19.0	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	8036.0000	SQ. YD.	\$ 10.25	\$ 82,369.00
20.0	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	5017.0000	SQ. YD.	\$ 10.25	\$ 51,424.25
21.0	SP 536	CONCRETE WEATHERPROOFING, DECK, SUBSTRUCTURE	4752.0000	SQ. YD.	\$ 11.00	\$ 52,272.00
22.0	SP 607A	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	1.0000	LUMP	\$ 60,000.00	\$ 60,000.00
23.0	642.0	EDGE LINE, TYPE 1	0.7900	MILE	\$ 2,850.00	\$ 2,251.50
24.0	SPECIAL	PATCHING CONCRETE BRIDGE DECKS, TYPE B	571.0000	SQ. FT.	\$ 65.00	\$ 37,115.00
Total:						\$ 1,091,058.75

Part B - Bridge Deck Replacement and Rehabilitation (Ref. Nos. 25 - 58)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
25.0	202.0	GUARDRAIL REMOVED	50.0000	LIN. FT.	\$ 8.00	\$ 400.00
26.0	202.0	BRIDGE TERMINAL ASSEMBLY REMOVED	4.0000	EACH	\$ 100.00	\$ 400.00
27.0	SP 202	PORTIONS OF STRUCTURE REMOVED	1.0000	LUMP	\$110,000.00	\$ 110,000.00
28.0	254.0	PAVEMENT PLANING, ASPHALT CONCRETE	85.0000	SQ. YD.	\$ 30.00	\$ 2,550.00
29.0	304.0	AGGREGATE BASE	5.0000	CU. YD.	\$ 225.00	\$ 1,125.00
30.0	407.0	TACK COAT	14.0000	GAL.	\$ 2.00	\$ 28.00
31.0	407.0	TACK COAT FOR INTERMEDIATE COURSE	7.0000	GAL.	\$ 2.00	\$ 14.00
32.0	441.0	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	6.0000	CU. YD.	\$ 890.00	\$ 5,340.00
33.0	441.0	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	1.0000	CU. YD.	\$ 565.00	\$ 565.00
34.0	509.0	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL	100.0000	POUND	\$ 4.00	\$ 400.00
35.0	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	5979.0000	POUND	\$ 0.95	\$ 62,680.05
36.0	SP 511A	CLASS S CONCRETE, SUPERSTRUCTURE DECK SLAB, USING SHRINKAGE COMPENSATING CEMENT	200.0000	CU. YD.	\$ 1,100.00	\$ 220,000.00
37.0	SP 511A	CLASS S CONCRETE, ABUTMENT SLABS, USING SHRINKAGE COMPENSATING CEMENT	31.0000	CU. YD.	\$ 900.00	\$ 27,900.00
38.0	SP 511A	CLASS S CONCRETE, USING SHRINKAGE COMPENSATING CEMENT, FOR PRE-PLACEMENT TESTING	3.0000	CU. YD.	\$ 500.00	\$ 1,500.00
39.0	SP 511A	CLASS S CONCRETE, BARRIERS AND PARAPETS, USING TYPE I CEMENT	84.0000	CU. YD.	\$ 900.00	\$ 75,600.00
40.0	513.0	WELDED STUD SHEAR CONNECTORS	2850.0000	EACH	\$ 3.00	\$ 8,550.00
41.0	SP 516A	CRACK REPAIR USING EPOXY INJECTION	20.0000	LIN. FT.	\$ 87.00	\$ 1,740.00
42.0	SP 516B	SEALING OF CONSTRUCTION JOINTS	680.0000	LIN. FT.	\$ 4.60	\$ 3,128.00
43.0	SP 516G	REPLACE EXPANSION BEARING DEVICE	20.0000	EACH	\$ 4,100.00	\$ 82,000.00
44.0	SP 516J	REPLACE FIXED BEARING DEVICE	10.0000	EACH	\$ 3,750.00	\$ 37,500.00
45.0	SP 519	PATCHING CONCRETE STRUCTURES	70.0000	SQ. FT.	\$ 77.00	\$ 5,390.00
46.0	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.0000	LUMP	\$ 60,000.00	\$ 60,000.00
47.0	SP 533	THREE (3) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	68.0000	LIN. FT.	\$ 510.00	\$ 34,680.00
48.0	SP 533A	1 1/2 INCH ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT	68.0000	LIN. FT.	\$ 510.00	\$ 34,680.00
49.0	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	426.0000	SQ. YD.	\$ 10.50	\$ 4,473.00
50.0	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	435.0000	SQ. YD.	\$ 11.00	\$ 4,785.00
51.0	SP 536	CONCRETE WEATHERPROOFING, DECK AND ABUTMENT SLABS	845.0000	SQ. YD.	\$ 10.50	\$ 8,872.50
52.0	601.0	TIED CONCRETE BLOCK MAT, TYPE 2	207.0000	SQ. YD.	\$ 65.00	\$ 13,455.00
53.0	606.0	GUARDRAIL, TYPE MGS	50.0000	LIN. FT.	\$ 23.00	\$ 1,150.00
54.0	606.0	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4.0000	EACH	\$ 2,600.00	\$ 10,400.00
55.0	SP 607	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	542.0000	LIN. FT.	\$ 98.00	\$ 53,116.00
56.0	609.0	COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN	77.0000	LIN. FT.	\$ 65.00	\$ 5,005.00
57.0	642.0	EDGE LINE, 4", TYPE 1	0.1400	MILE	\$ 3,800.00	\$ 532.00
58.0	642.0	CENTER LINE, TYPE 1	0.0700	MILE	\$ 7,600.00	\$ 532.00
Total:						\$ 878,490.55

Part C - Timber Run Drive Extension (Ref. Nos. 59 - 65)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
59.0	201.0	CLEARING AND GRUBBING	1.0000	LUMP	\$ 8,900.00	\$ 8,900.00
60.0	203.0	EXCAVATION (CUT)	800.0000	CU. YD.	\$ 22.00	\$ 17,600.00
61.0	203.0	SUBGRADE COMPACTION	612.0000	SQ. YD.	\$ 2.00	\$ 1,224.00
62.0	304.0	10" AGGREGATE BASE	185.0000	CU. YD.	\$ 75.00	\$ 13,875.00
63.0	441.0	3" ASPHALT CONCRETE BASE COURSE	56.0000	CU. YD.	\$ 240.00	\$ 13,440.00
64.0	441.0	2" ASPHALT CONCRETE WEARING COURSE	37.0000	CU. YD.	\$ 260.00	\$ 9,620.00
65.0	609.0	COMBINATION CURB & GUTTER, TYPE 2	448.0000	LIN. FT.	\$ 25.00	\$ 11,200.00
66.0	832	PERIMETER FILTER FABRIC FENCE	50.0000	LIN. FT.	\$ 9.00	\$ 450.00
67.0	832	INLET PROTECTION	4.0000	EACH	\$ 170.00	\$ 680.00
Total:						\$ 76,989.00

GRAND TOTAL: \$2,422,538.30