

DELAWARE DEPARTMENT OF TRANSPORTATION

DATE : 04/13/17

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TABULATION OF BIDS

FINAL

CONTRACT TITLE : I-95/I-295/I-495 INTERSTATE HIGH MAST LIGHTING IMPROVEMENTS

CALL ORDER : 002

CONTRACT ID : T201509002.02

COUNTIES : NEW CASTLE

LETTING DATE : 03/21/17

DISTRICT : M6

STATE/FEDERAL AID NO: ENHS-2015(27)

CONTRACT TIME : 152 CALENDAR DAYS

CONTRACT DESCRIPTION :

PROJECT(S) : ENHS-2015(27)

THE PURPOSE OF THIS PROJECT IS TO UPGRADE THE LIGHTING AT THE I-95/I-495 INTERCHANGE. WE WILL BE UPGRADING THE POWER SUPPLY, UPGRADING THE LUMINAIRES TO LED, INSTALLING 120 FOOT LIGHT POLES, AND RUNNING NEW WIRE IN ORDER TO CREATE A SAFE AND SUFFICIENT MANNER TO TRAVEL THE INTERSTATE HIGHWAYS.

SET-ASIDE :

VENDOR RANKING : Contract was awarded on 04/13/17 to vendor ROMMEL ENGINEERING & CONSTRUCTION, INC.

RANK	VENDOR NAME	TOTAL BID	% OVER LOW BID	% OVER EST
0	ENGINEER'S ESTIMATE	\$ 4,007,337.85	99.0825%	100.0000%
1	ROMMEL ENGINEERING & CONSTRUCTION, INC., PO BOX 357, LINTHICUM, MD, 21090	\$ 4,044,444.00	100.0000%	100.9260%
2	BRUCE-MERRILEES ELECTRIC COMPANY, 930 CASS STREET, NEW CASTLE, PA, 16101	\$ 4,063,076.69	100.4607%	101.3909%
3	RICHARD E PIERSON CONSTRUCTION COMPANY, INC., P O BOX 430, WOODSTOWN, NJ, 08098	\$ 4,265,587.80	105.4678%	106.4444%
4	CARR & DUFF INC, 2100 BYBERRY RD, HUNTINGDON VALLEY, PA, 19006	\$ 4,987,255.06	123.3113%	124.4531%
5	DVORAK, LLC, 2700 NORTH POINT BLVD. , BALTIMORE, MD, 21222	\$ 6,947,000.00	171.7665%	173.3570%

LINE NO / ITEM CODE / ALT ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SECTION 0001 HIGH MAST LIGHTING ITEMS							
0010 202573 TEST HOLES	8.000 EACH	750.00000	6000.00	1050.00000	8400.00	629.27000	5034.16
0020 211000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP	100000.00000	100000.00	74450.00000	74450.00	147482.48000	147482.48
0030 211002 REMOVAL OF STRUCTURES AND OBSTRUCTIONS (GUARDRAIL)	66.000 LF	10.00000	660.00	10.50000	693.00	10.00000	660.00
0040 302007 GRADED AGGREGATE BASE COURSE, TYPE B	44.000 CY	250.00000	11000.00	210.00000	9240.00	250.00000	11000.00
0050 401827 BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE)	45.000 TON	200.00000	9000.00	262.00000	11790.00	200.00000	9000.00
0060 602759 DRILLING FOR CONCRETE SHAFT (IN SOIL), 54" DIAMETER	504.000 LF	1800.00000	907200.00	2225.00000	1121400.00	1173.83000	591610.32

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CONTRACT ID : T201509002.02

COUNTIES : NEW CASTLE

LETTING DATE : 03/21/17

DISTRICT : M6

SET-ASIDE :

		(0)		(1)		(2)	
		ENGINEER'S ESTIMATE		ROMMEL ENGINEERING & CONST I		BRUCE-MERRILEES ELECT CO	
LINE NO / ITEM CODE / ALT							
ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0070 720050	407.000 LF	37.00000	15059.00	38.00000	15466.00	36.00000	14652.00
GALVANIZED STEEL BEAM GUARDRAIL, TYPE							
1-31							

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			ENGINEER'S ESTIMATE		ROMMEL ENGINEERING & CONST I		BRUCE-MERRILEES ELECT CO	
LINE NO / ITEM CODE / ALT	ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0080 720586	GUARDRAIL END TREATMENT ATTENUATOR, TYPE 2-31	2.000 EACH	4100.00000	8200.00	4305.00000	8610.00	4100.00000	8200.00
0090 726001	END ANCHORAGE 31	2.000 EACH	1500.00000	3000.00	1539.00000	3078.00	1466.00000	2932.00
0100 743000	MAINTENANCE OF TRAFFIC	LUMP	275000.00000	275000.00	320500.00000	320500.00	235090.00000	235090.00
0110 743003	ARROWPANELS, TYPE C	263.000 EADY	100.00000	26300.00	8.40000	2209.20	750.00000	197250.00
0120 743006	PLASTIC DRUMS	54780.000 EADY	2.00000	109560.00	0.22000	12051.60	3.00000	164340.00
0130 743007	TRAFFIC OFFICERS	1152.000 HOUR	75.00000	86400.00	75.00000	86400.00	75.00000	86400.00
0140 743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	552.000 EADY	275.00000	151800.00	65.00000	35880.00	160.00000	88320.00
0150 743024	TEMPORARY WARNING SIGNS AND PLAQUES	4888.000 EADY	5.00000	24440.00	1.60000	7820.80	17.00000	83096.00
0160 744530	CONDUIT JUNCTION WELL, TYPE 11, PRECAST CONCRETE/ POLYMER LID-FRAME	75.000 EACH	1100.00000	82500.00	1265.00000	94875.00	1366.05000	102453.75
0170 744531	CONDUIT JUNCTION WELL, TYPE 14, PRECAST CONCRETE/ POLYMER LID-FRAME	12.000 EACH	1350.00000	16200.00	2335.00000	28020.00	2561.99000	30743.88
0180 744544	ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL	1.000 EACH	1100.00000	1100.00	1310.00000	1310.00	3146.52000	3146.52
0190 745602	FURNISH & INSTALL UP TO 4" SCHEDULE 80 HDPE CONDUIT (BORE)	3535.000 LF	33.00000	116655.00	23.75000	83956.25	41.93000	148222.55
0200 745604	FURNISH & INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (TRENCH)	27073.000 LF	14.00000	379022.00	15.00000	406095.00	16.84000	455909.32
0210 745606	FURNISH & INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (TRENCH)	140.000 LF	25.00000	3500.00	30.00000	4200.00	34.27000	4797.80
0220 745609	FURNISH & INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (ON STRUCTURE)	279.000 LF	35.00000	9765.00	37.00000	10323.00	56.46000	15752.34

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			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0230 746519 ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 40' POLE	12.000 EACH		3800.00000	45600.00	3377.00000	40524.00	4254.00000	51048.00
0240 746526 HIGH MAST LUMINAIRE (LED)	84.000 EACH		2500.00000	210000.00	2135.00000	179340.00	1951.00000	163884.00
0250 746590 FURNISH & INSTALL GROUND ROD	24.000 EACH		125.00000	3000.00	185.00000	4440.00	246.06000	5905.44
0260 746614 POLE BASE EXTENSION	4.000 CF		500.00000	2000.00	150.00000	600.00	718.55000	2874.20
0270 746625 ELECTRICAL MANHOLE	11.000 EACH		17000.00000	187000.00	14050.00000	154550.00	19278.75000	212066.25
0280 746626 HIGH MAST LIGHT POLE	20.000 EACH		27500.00000	550000.00	25465.00000	509300.00	27555.00000	551100.00
0290 746627 FURNISH AND INSTALL 1-CONDUCTOR #1/0 AWG (15KV, ERP, MV-105) STRANDED COPPER	17233.000 LF		6.00000	103398.00	6.70000	115461.10	8.00000	137864.00
0300 746852 POLE BASE, TYPE 6	12.000 EACH		1000.00000	12000.00	1575.00000	18900.00	2769.75000	33237.00
0310 746872 LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE	2.000 EACH		15000.00000	30000.00	17750.00000	35500.00	16404.79000	32809.58
0320 746901 UNDERPASS LUMINARE	6.000 EACH		1500.00000	9000.00	1525.00000	9150.00	1702.35000	10214.10
0330 746907 FURNISH & INSTALL 1-CONDUCTOR #2 AWG STRANDED COPPER	8327.000 LF		1.75000	14572.25	2.35000	19568.45	2.65000	22066.55
0340 746908 FURNISH & INSTALL 1-CONDUCTOR #4 AWG STRANDED COPPER	44446.000 LF		1.50000	66669.00	1.85000	82225.10	2.45000	108892.70
0350 746909 FURNISH & INSTALL 1-CONDUCTOR #6 AWG STRANDED COPPER	75256.000 LF		1.35000	101595.60	1.65000	124172.40	1.67000	125677.52
0360 746911 FURNISH & INSTALL 1-CONDUCTOR #10 AWG STRANDED COPPER	1271.000 LF		1.00000	1271.00	0.70000	889.70	2.71000	3444.41
0370 746919 FURNISH & INSTALL #4/0 AWG STRANDED COPPER	322.000 LF		5.50000	1771.00	6.70000	2157.40	6.62000	2131.64

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			(0)		(1)		(2)	
			ENGINEER'S ESTIMATE		ROMMEL ENGINEERING & CONST I		BRUCE-MERRILEES ELECT CO	
LINE NO / ITEM CODE / ALT	ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0380 746952	FURNISH AND INSTALL ELECTRICAL UTILITY SERVICE EQUIPMENT	LUMP	10000.00000	10000.00	9701.00000	9701.00	46093.51000	46093.51
0390 749687	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	2.000 EACH	150.00000	300.00	203.00000	406.00	345.86000	691.72
0400 763000	INITIAL EXPENSE	LUMP	300000.00000	300000.00	382055.00000	382055.00	129024.31000	129024.31
0410 908002	TOPSOIL (CY)	28.000 CY	600.00000	16800.00	312.00000	8736.00	641.38000	17958.64
SECTION TOTALS			\$	4,007,337.85	\$	4,044,444.00	\$	4,063,076.69
CONTRACT TOTALS			\$	4,007,337.85	\$	4,044,444.00	\$	4,063,076.69
DBE GOALS				15 %		15 %		15 %

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			(3)		(4)		(5)	
			RICHARD E PIERSON CONST CO I		CARR & DUFF INC		DVORAK, LLC	
LINE NO / ITEM CODE / ALT	ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SECTION 0001 HIGH MAST LIGHTING ITEMS								
0010 202573	TEST HOLES	8.000 EACH	500.00000	4000.00	880.50000	7044.00	3250.00000	26000.00
0020 211000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP	164000.00000	164000.00	313000.00000	313000.00	136000.00000	136000.00
0030 211002	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (GUARDRAIL)	66.000 LF	45.00000	2970.00	11.60000	765.60	25.00000	1650.00
0040 302007	GRADED AGGREGATE BASE COURSE, TYPE B	44.000 CY	600.00000	26400.00	65.00000	2860.00	121.00000	5324.00
0050 401827	BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE)	45.000 TON	260.00000	11700.00	121.00000	5445.00	440.00000	19800.00
0060 602759	DRILLING FOR CONCRETE SHAFT (IN SOIL), 54" DIAMETER	504.000 LF	1900.00000	957600.00	2300.00000	1159200.00	2192.00000	1104768.00
0070 720050	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	407.000 LF	40.00000	16280.00	39.40000	16035.80	46.00000	18722.00
0080 720586	GUARDRAIL END TREATMENT ATTENUATOR,TYPE 2-31	2.000 EACH	2835.00000	5670.00	4518.00000	9036.00	5103.00000	10206.00
0090 726001	END ANCHORAGE 31	2.000 EACH	975.00000	1950.00	1740.00000	3480.00	2223.00000	4446.00
0100 743000	MAINTENANCE OF TRAFFIC	LUMP	350000.00000	350000.00	360000.00000	360000.00	723500.00000	723500.00
0110 743003	ARROWPANELS, TYPE C	263.000 EADY	9.00000	2367.00	18.70000	4918.10	82.00000	21566.00
0120 743006	PLASTIC DRUMS	54780.000 EADY	0.20000	10956.00	0.33000	18077.40	2.00000	109560.00
0130 743007	TRAFFIC OFFICERS	1152.000 HOUR	75.00000	86400.00	75.00000	86400.00	75.00000	86400.00
0140 743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	552.000 EADY	70.00000	38640.00	100.00000	55200.00	721.00000	397992.00
0150 743024	TEMPORARY WARNING SIGNS AND PLAQUES	4888.000 EADY	2.00000	9776.00	2.50000	12220.00	3.50000	17108.00

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			RICHARD E PIERSON CONST CO I		CARR & DUFF INC		DVORAK, LLC	
LINE NO / ITEM CODE / ALT	ITEM DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0160 744530	75.000 EACH CONDUIT JUNCTION WELL, TYPE 11, PRECAST CONCRETE/ POLYMER LID-FRAME		1400.00000	105000.00	490.00000	36750.00	1400.00000	105000.00
0170 744531	12.000 EACH CONDUIT JUNCTION WELL, TYPE 14, PRECAST CONCRETE/ POLYMER LID-FRAME		2100.00000	25200.00	600.00000	7200.00	2398.00000	28776.00
0180 744544	1.000 EACH ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL		725.00000	725.00	2500.00000	2500.00	1100.00000	1100.00
0190 745602	3535.000 LF FURNISH & INSTALL UP TO 4" SCHEDULE 80 HDPE CONDUIT (BORE)		42.50000	150237.50	60.00000	212100.00	49.00000	173215.00
0200 745604	27073.000 LF FURNISH & INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (TRENCH)		17.00000	460241.00	17.00000	460241.00	24.00000	649752.00
0210 745606	140.000 LF FURNISH & INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (TRENCH)		33.00000	4620.00	60.00000	8400.00	55.00000	7700.00
0220 745609	279.000 LF FURNISH & INSTALL UP TO 4" GALVANIZED STEEL CONDUIT (ON STRUCTURE)		28.00000	7812.00	26.50000	7393.50	69.00000	19251.00
0230 746519	12.000 EACH ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 40' POLE		3600.00000	43200.00	4406.66000	52879.92	12250.00000	147000.00
0240 746526	84.000 EACH HIGH MAST LUMINAIRE (LED)		1700.00000	142800.00	1991.00000	167244.00	3297.00000	276948.00
0250 746590	24.000 EACH FURNISH & INSTALL GROUND ROD		55.00000	1320.00	651.66000	15639.84	213.00000	5112.00
0260 746614	4.000 CF POLE BASE EXTENSION		100.00000	400.00	5000.00000	20000.00	1080.00000	4320.00
0270 746625	11.000 EACH ELECTRICAL MANHOLE		10000.00000	110000.00	12441.00000	136851.00	23360.00000	256960.00
0280 746626	20.000 EACH HIGH MAST LIGHT POLE		40000.00000	800000.00	44000.00000	880000.00	65750.00000	1315000.00
0290 746627	17233.000 LF FURNISH AND INSTALL 1-CONDUCTOR #1/0 AWG (15KV, ERP, MV-105) STRANDED COPPER		6.00000	103398.00	8.00000	137864.00	20.00000	344660.00
0300 746852	12.000 EACH POLE BASE, TYPE 6		1750.00000	21000.00	3091.00000	37092.00	6250.00000	75000.00

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			RICHARD E PIERSON CONST CO I		CARR & DUFF INC		DVORAK, LLC	
LINE NO / ITEM CODE / ALT	QUANTITY		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0310 746872	2.000	EACH	33010.00000	66020.00	25521.00000	51042.00	38620.00000	77240.00
LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE								
0320 746901	6.000	EACH	1400.00000	8400.00	2500.00000	15000.00	4322.00000	25932.00
UNDERPASS LUMINARE								
0330 746907	8327.000	LF	3.10000	25813.70	4.90000	40802.30	4.00000	33308.00
FURNISH & INSTALL 1-CONDUCTOR #2 AWG STRANDED COPPER								
0340 746908	44446.000	LF	2.15000	95558.90	3.50000	155561.00	2.50000	111115.00
FURNISH & INSTALL 1-CONDUCTOR #4 AWG STRANDED COPPER								
0350 746909	75256.000	LF	1.85000	139223.60	3.00000	225768.00	1.75000	131698.00
FURNISH & INSTALL 1-CONDUCTOR #6 AWG STRANDED COPPER								
0360 746911	1271.000	LF	2.10000	2669.10	2.00000	2542.00	1.00000	1271.00
FURNISH & INSTALL 1-CONDUCTOR #10 AWG STRANDED COPPER								
0370 746919	322.000	LF	20.00000	6440.00	11.30000	3638.60	7.00000	2254.00
FURNISH & INSTALL #4/0 AWG STRANDED COPPER								
0380 746952		LUMP	53000.00000	53000.00	30000.00000	30000.00	47575.00000	47575.00
FURNISH AND INSTALL ELECTRICAL UTILITY SERVICE EQUIPMENT								
0390 749687	2.000	EACH	500.00000	1000.00	100.00000	200.00	280.00000	560.00
INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST								
0400 763000		LUMP	200000.00000	200000.00	223000.00000	223000.00	420803.00000	420803.00
INITIAL EXPENSE								
0410 908002	28.000	CY	100.00000	2800.00	138.00000	3864.00	86.00000	2408.00
TOPSOIL (CY)								
SECTION TOTALS			\$	4,265,587.80	\$	4,987,255.06	\$	6,947,000.00
CONTRACT TOTALS			\$	4,265,587.80	\$	4,987,255.06	\$	6,947,000.00
DBE GOALS				15 %		15 %		15 %