



TABULATION OF BIDS

Runway 9/27 Reconstruction, Phase I Duluth, Minnesota SEH No.: DULA1 133038 Bid Date: 2:00 p.m., Thursday, August 27, 2015				Engineer's Estimate \$13,578,044.80		PCI Roads 14123 42nd Street NE St. Michael, MN 55376-9564 \$11,459,771.96		Shafer Contracting Co., Inc. PO Bo 128 Shafer, MN 55074 \$12,088,764.50	
			Shaded area denotes corrected figure						
Item No.	Item	Unit	Est. Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
Base Bid									
105	MOBILIZATION	LS	1	1,300,000.00	1,300,000.00	1,242,141.60	1,242,141.60	840,000.00	840,000.00
50-06	CONSTRUCTION LAYOUT AND STAKING	LS	1	25,000.00	25,000.00	30,000.00	30,000.00	60,000.00	60,000.00
50-11	MAINTENANCE AND RESTORATION OF HAUL ROUTES	LS	1	30,000.00	30,000.00	35,000.00	35,000.00	150,000.00	150,000.00
60-05	FIELD OFFICE	LS	1	5,000.00	5,000.00	8,870.00	8,870.00	10,000.00	10,000.00
60-06	MAINTENANCE AND RESTORATION OF BATCH PLANT AND STORAGE AREA	LS	1	80,000.00	80,000.00	132,000.00	132,000.00	150,000.00	150,000.00
70-08	TRAFFIC CONTROL	LS	1	100,000.00	100,000.00	50,000.00	50,000.00	450,000.00	450,000.00
P-101-5.1	CONCRETE PAVEMENT REMOVAL	SY	101,667	7.00	711,669.00	5.00	508,335.00	7.00	711,669.00
P-101-5.2	ASPHALT CONCRETE PAVEMENT REMOVAL, PARTIAL/MILLING	SY	2,711	3.00	8,133.00	4.00	10,844.00	8.00	21,688.00
P-101-5.3	ASPHALT CONCRETE PAVEMENT REMOVAL, FULL DEPTH, INCLUDING BASE	SY	5,431	6.00	32,586.00	2.00	10,862.00	6.00	32,586.00
P-101-5.4	FULL DEPTH SAW CUTTING	LF	12,200	3.00	36,600.00	2.20	26,840.00	5.00	61,000.00
P-152-4.1	UNCLASSIFIED EXCAVATION (EV)	CY	36,605	8.00	292,840.00	10.40	380,692.00	8.00	292,840.00
P-152-4.2	BORROW EXCAVATION (EV)	CY	3,660	12.00	43,920.00	6.00	21,960.00	0.01	36.60
P-156-5.1	SILT FENCE	LF	4,500	3.00	13,500.00	3.50	15,750.00	5.00	22,500.00
P-156-5.2	ROCK CONSTRUCTION ENTRANCE	EA	2	3,000.00	6,000.00	3,500.00	7,000.00	2,000.00	4,000.00
P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	11,748	28.00	328,944.00	61.00	716,628.00	28.00	328,944.00
P-304-8.1	CEMENT TREATED BASE	SY	104,738	15.00	1,571,070.00	12.35	1,293,514.30	16.50	1,728,177.00
P-310-5.1	STABILIZATION FABRIC	SY	109,123	2.00	218,246.00	1.40	152,772.20	3.50	381,930.50
P-401-8.1	BITUMINOUS SURFACE COURSE	TON	1,530	90.00	137,700.00	62.00	94,860.00	152.00	232,560.00
P-501-8.1	PLAIN PORTLAND CEMENT CONCRETE PAVEMENT	SY	98,050	70.00	6,863,500.00	54.75	5,368,237.50	52.80	5,177,040.00
P-501-8.2	REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT	SY	3,617	80.00	289,360.00	60.75	219,732.75	58.00	209,786.00
P603-5.1	BITUMINOUS TACK COAT	GAL	1,699	3.00	5,097.00	2.50	4,247.50	3.71	6,303.29
P-604-6.1	COMPRESSION JOINT SEALS	LF	116,400	4.00	465,600.00	3.00	349,200.00	2.60	302,640.00
P-605-5.1	JOINT SEALING FILLER	LF	12,200	2.50	30,500.00	1.75	21,350.00	2.95	35,990.00
P-620-5.1	RUNWAY AND TAXIWAY MARKING, YELLOW	SF	8,534	1.00	8,534.00	1.28	10,923.52	1.30	11,094.20
P-620-5.2	RUNWAY AND TAXIWAY MARKING, WHITE	SF	109,100	1.00	109,100.00	1.28	139,648.00	1.30	141,830.00
P-620-5.3	RUNWAY AND TAXIWAY MARKING, BLACK	SF	39,790	1.00	39,790.00	1.28	50,931.20	1.30	51,727.00
P-620-5.5	REFLECTIVE MEDIA	LB	22,900	0.80	18,320.00	0.40	9,160.00	0.40	9,160.00
P-620-5.6	TEMPORARY RUNWAY AND TAXIWAY MARKING, YELLOW	SF	4,842	0.80	3,873.60	1.16	5,616.72	1.20	5,810.40
P-620-5.7	TEMPORARY RUNWAY AND TAXIWAY MARKING, BLACK	SF	719	0.80	575.20	1.16	834.04	1.20	862.80
P-621-5.1	SAWCUT GROOVING	SY	98,956	1.75	173,173.00	1.57	155,360.92	2.75	272,129.00
L-108-5.1	NO. 8 AWG, 5KV, L-824, TYPE C CABLE, INSTALLED IN DUCT BANK OR CONDUIT	LF	17,169	2.00	34,338.00	1.25	21,461.25	1.25	21,461.25
L-108-5.2	NO. 6 AWG, SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH	LF	8,584	2.00	17,168.00	2.70	23,176.80	2.70	23,176.80
L-108-5.3	NO. 6 AWG, XHHW, INSULATED, STRANDED EQUIPMENT GROUND, INSTALLED IN DUCT BANK OR	LF	8,584	2.00	17,168.00	0.96	8,240.64	0.96	8,240.64
L-110-5.1	2". SCHEDULE 40 PVC CONDUIT, CONCRETE ENCASED	LF	8,314	10.00	83,140.00	8.93	74,244.02	8.93	74,244.02
L-125-5.1	L-850A, R/W IN-PAVEMENT CENTERLINE LIGHT, BI-DIRECTIONAL	EA	122	2,500.00	305,000.00	1,245.00	151,890.00	1,245.00	151,890.00
L-125-5.2	L-850B, R/W IN-PAVEMENT TOUCHDOWN ZONE LIGHT, UNI-DIRECTIONAL	EA	54	2,500.00	135,000.00	1,520.00	82,080.00	1,520.00	82,080.00
L-125-5.4	REMOVE AND SALVAGE IN-PAVEMENT LIGHT FIXTURE	EA	176	100.00	17,600.00	30.50	5,368.00	30.50	5,368.00
L-125-5.5	ALLOWANCE FOR UNFORESEEN UTILITY CONFLICTS	LS	1	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
TOTAL BASE BID PRICE					\$13,578,044.80		\$11,459,771.96		\$12,088,764.50
ALTERNATE 1 UNIT PRICE BID (DEDUCT)									
P-101-5.1	CONCRETE PAVEMENT REMOVAL	SY	6,925	7.00	48,475.00	5.00	34,625.00	7.00	48,475.00
P-101-5.2	ASPHALT CONCRETE PAVEMENT REMOVAL, PARTIAL/MILLING	SY	186	3.00	558.00	3.00	558.00	8.00	1,488.00
P-101-5.3	ASPHALT CONCRETE PAVEMENT REMOVAL, FULL DEPTH INCLUDING BASE	SY	369	6.00	2,214.00	2.00	738.00	6.00	2,214.00



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Item No.	Item	Unit	Est. Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
P-101-5.4	FULL DEPTH SAW CUTTING	LF	831	3.00	2,493.00	2.20	1,828.20	5.00	4,155.00
P-152-4.1	UNCLASSIFIED EXCAVATION (EV)	CY	2,270	8.00	18,160.00	10.40	23,608.00	8.00	18,160.00
P-152-4.5	BORROW EXCAVATION (EV)	CY	230	12.00	2,760.00	6.00	1,380.00	0.01	2.30
P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	800	28.00	22,400.00	61.00	48,800.00	28.00	22,400.00
P-304-8.1	CEMENT TREATED BASE	SY	7,110	15.00	106,650.00	7.00	49,770.00	16.50	117,315.00
P-310-5.1	STABILIZATION FABRIC	SY	7,479	2.00	14,958.00	1.40	10,470.60	3.50	26,176.50
P-401-8.1	BITUMINOUS SURFACE COURSE	TON	115	90.00	10,350.00	62.00	7,130.00	152.00	17,480.00
P-501-8.1	PLAIN PORTLAND CEMENT CONCRETE PAVEMENT	SY	6,583	70.00	460,810.00	49.00	322,567.00	52.80	347,582.40
P-501-8.2	REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT	SY	342	80.00	27,360.00	52.00	17,784.00	58.00	19,836.00
P603-5.1	BITUMINOUS TACK COAT	GAL	111	3.00	333.00	2.50	277.50	3.71	411.81
P-604-6.1	COMPRESSION JOINT SEALS	LF	8,090	4.00	32,360.00	1.50	12,135.00	2.60	21,034.00
P-605-5.1	JOINT SEALING FILLER	LF	831	2.50	2,077.50	0.75	623.25	2.95	2,451.45
P-620-5.1	RUNWAY AND TAXIWAY MARKING, YELLOW	SF	408	1.00	408.00	1.28	522.24	1.30	530.40
P-620-5.2	RUNWAY AND TAXIWAY MARKING, WHITE	SF	10,326	1.00	10,326.00	1.28	13,217.28	1.30	13,423.80
P-620-5.3	RUNWAY AND TAXIWAY MARKING, BLACK	SF	2,818	1.00	2,818.00	1.28	3,607.04	1.30	3,663.40
P-620-5.5	REFLECTIVE MEDIA	LB	1,972	0.80	1,577.60	0.40	788.80	0.40	788.80
P-621-5.1	SAWCUT GROOVING	SY	6,740	1.75	11,795.00	1.57	10,581.80	2.75	18,535.00
L-108-5.1	NO. 8 AWG, 5KV, L-824, TYPE C CABLE, INSTALLED IN DUCT BANK OR CONDUIT	LF	913	2.00	1,826.00	0.96	876.48	0.96	876.48
L-108-5.2	NO. 6 AWG, SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH	LF	457	2.00	914.00	2.90	1,325.30	2.90	1,325.30
L-108-5.3	NO. 6 AWG, XHHW, INSULATED, STRANDED EQUIPMENT GROUND, INSTALLED IN DUCT BANK OR	LF	457	2.00	914.00	1.00	457.00	1.00	457.00
L-110-5.1	2" SCHEDULE 40 PVC CONDUIT, CONCRETE ENCASED	LF	500	10.00	5,000.00	6.76	3,380.00	6.76	3,380.00
L-125-5.1	L-850A, R/W IN-PAVEMENT CENTERLINE LIGHT, BI-DIRECTIONAL	EA	8	2,500.00	20,000.00	1,214.00	9,712.00	1,214.00	9,712.00
L-125-5.4	REMOVE AND SALVAGE IN-PAVEMENT LIGHT FIXTURE	EA	8	100.00	800.00	24.00	192.00	24.00	192.00
	ALLOWANCE FOR UNFORESEEN UTILITY CONFLICTS	LS	1	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
TOTAL ALTERNATE 1 BID PRICE (DEDUCT)					\$828,337.10		\$596,954.49		\$722,065.64
ALTERNATE 2 UNIT PRICE BID (STATE FUNDED)									
105	MOBILIZATION	LS	1	12,000.00	12,000.00	8,000.00	8,000.00	10,000.00	10,000.00
50-11	MAINTENANCE AND RESTORATION OF HAUL ROUTES	LS	1	1,000.00	1,000.00	2,000.00	2,000.00	7,500.00	7,500.00
70-08	TRAFFIC CONTROL	LS	1	1,000.00	1,000.00	2,500.00	2,500.00	15,000.00	15,000.00
P-101-5.2	ASPHALT CONCRETE PAVEMENT REMOVAL, PARTIALMILLING	SY	7,300	3.00	21,900.00	3.50	25,550.00	8.00	58,400.00
P-101-5.4	FULL DEPTH SAW CUTTING	LF	725	3.00	2,175.00	2.20	1,595.00	5.00	3,625.00
P-101-5.5	ROUTE AND SEAL CRACK	LF	15,000	2.00	30,000.00	1.65	24,750.00	1.65	24,750.00
P-101-5.6	RESEAL CRACK	LF	5,000	1.50	7,500.00	1.50	7,500.00	1.50	7,500.00
P-401-8.1	BITUMINOUS SURFACE COURSE	TON	900	90.00	81,000.00	70.00	63,000.00	155.00	139,500.00
P-603-5.1	BITUMINOUS TACK COAT	GAL	400	3.00	1,200.00	3.00	1,200.00	3.71	1,484.00
P-620-5.1	RUNWAY AND TAXIWAY MARKING, YELLOW	SF	4,300	1.00	4,300.00	1.28	5,504.00	1.30	5,590.00
P-620-5.2	RUNWAY AND TAXIWAY MARKING, WHITE	SF	318	1.00	318.00	1.28	407.04	1.30	413.40
P-620-5.3	RUNWAY AND TAXIWAY MARKING, BLACK	SF	1,798	1.00	1,798.00	1.28	2,301.44	1.30	2,337.40
P-620-5.4	RUNWAY AND TAXIWAY MARKING, RED	SF	948	1.00	948.00	1.28	1,213.44	1.30	1,232.40
P-620-5.5	REFELCTIVE MEDIA	LB	1,037	0.80	829.60	0.40	414.80	0.40	414.80
TOTAL ALTERNATE 2 BID PRICE (STATE FUNDED)					\$165,968.60		\$145,935.72		\$277,747.00
TOTAL BASE BID					\$13,578,044.80		\$11,459,771.96		\$12,088,764.50
TOTAL ALTERNATE 1 (DEDUCT) BID					\$828,337.10		\$596,954.49		\$722,065.64
BASE BID MINUST ALTERNATE 1 (DEDUCT) BID					\$12,749,707.70		\$10,862,817.47		\$11,366,698.86
TOTAL ALTERNATE 2 (STATE FUNDED) BID					\$165,968.60		\$145,935.72		\$277,747.00
TOTAL BID PRICE					\$13,578,044.80		\$11,459,771.96		\$12,088,764.50