

Athens County Engineer ATH-CR33A-0.00 Paving Project - PID 104035 Bid Tabulation - 7/31/2018					Engineer's Estimate		Nuko Paving Inc.		Shelly & Sands, Inc.	
REF NO.	ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>BASE BID (CR33A, CR71, CR110)</b>										
<b>PAVEMENT</b>										
1	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE	3735	SY	\$ 8.00	\$ 29,880.00	\$ 5.70	\$ 21,289.50	\$ 5.50	\$ 20,542.50
2	407E10000	TACK COAT	24229	GAL	\$ 2.00	\$ 48,458.00	\$ 2.00	\$ 48,458.00	\$ 2.00	\$ 48,458.00
3	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	7011	CY	\$ 120.00	\$ 841,320.00	\$ 140.00	\$ 981,540.00	\$ 147.00	\$ 1,030,617.00
4	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	5609	CY	\$ 120.00	\$ 673,080.00	\$ 126.00	\$ 706,734.00	\$ 148.00	\$ 830,132.00
5	617E10100	COMPACTED AGGREGATE	1480	CY	\$ 60.00	\$ 88,800.00	\$ 60.00	\$ 88,800.00	\$ 68.00	\$ 100,640.00
SUB-TOTAL PAVEMENT						\$ 1,681,538.00		\$ 1,846,821.50		\$ 2,030,389.50
<b>TRAFFIC CONTROL</b>										
6	614E12460	WORK ZONE MARKING SIGN	24	EA	\$ 150.00	\$ 3,600.00	\$ 105.00	\$ 2,520.00	\$ 105.00	\$ 2,520.00
7	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	26.34	MILE	\$ 350.00	\$ 9,219.00	\$ 250.00	\$ 6,585.00	\$ 100.00	\$ 2,634.00
8	642E00100	EDGE LINE, 4", TYPE 1	26.34	MILE	\$ 600.00	\$ 15,804.00	\$ 897.75	\$ 23,646.74	\$ 900.00	\$ 23,706.00
9	642E00300	CENTER LINE, TYPE 1	13.17	MILE	\$ 800.00	\$ 10,536.00	\$ 1,375.50	\$ 18,115.34	\$ 1,380.00	\$ 18,174.60
10	644E00400	CHANNELIZING LINE, 8"	225	FT	\$ 5.00	\$ 1,125.00	\$ 9.45	\$ 2,126.25	\$ 9.50	\$ 2,137.50
11	644E00500	STOP LINE	155	FT	\$ 20.00	\$ 3,100.00	\$ 19.43	\$ 3,011.65	\$ 19.50	\$ 3,022.50
12	644E01300	LANE ARROW	2	EA	\$ 200.00	\$ 400.00	\$ 262.50	\$ 525.00	\$ 255.00	\$ 510.00
SUB-TOTAL TRAFFIC CONTROL						\$ 43,784.00		\$ 56,529.97		\$ 52,704.60
<b>INCIDENTALS</b>										
13	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 69,055.00	\$ 69,055.00	\$ 59,500.00	\$ 59,500.00
14	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,675.00	\$ 4,675.00
15	624E10000	MOBILIZATION	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,000.00	\$ 14,000.00
16	103E05000	PREMIUM FOR PERFORMANCE BOND AND FOR PAYMENT BOND	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 56,000.00	\$ 56,000.00	\$ 8,650.00	\$ 8,650.00
SUB-TOTAL INCIDENTALS						\$ 53,000.00		\$ 143,555.00		\$ 86,825.00
Total Base Bid Cost =						\$ 1,778,322.00		\$ 2,046,906.47		\$ 2,169,919.10
<b>ALTERNATE 1 (CR33B)</b>										
<b>PAVEMENT</b>										
17	407E10000	TACK COAT	3944	GAL	\$ 2.00	\$ 7,888.00	\$ 2.00	\$ 7,888.00	\$ 2.00	\$ 7,888.00
18	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	1141	CY	\$ 120.00	\$ 136,920.00	\$ 144.00	\$ 164,304.00	\$ 140.00	\$ 159,740.00
19	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	913	CY	\$ 120.00	\$ 109,560.00	\$ 130.00	\$ 118,690.00	\$ 133.00	\$ 121,429.00
20	617E10100	COMPACTED AGGREGATE	240	CY	\$ 60.00	\$ 14,400.00	\$ 65.00	\$ 15,600.00	\$ 74.00	\$ 17,760.00
SUB-TOTAL PAVEMENT						\$ 268,768.00		\$ 306,482.00		\$ 306,817.00
<b>TRAFFIC CONTROL</b>										
21	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
22	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	3.68	MILE	\$ 350.00	\$ 1,288.00	\$ 250.00	\$ 920.00	\$ 100.00	\$ 368.00
23	642E00100	EDGE LINE, 4", TYPE 1	3.68	MILE	\$ 600.00	\$ 2,208.00	\$ 981.75	\$ 3,612.84	\$ 985.00	\$ 3,624.80
24	642E00300	CENTER LINE, TYPE 1	1.84	MILE	\$ 800.00	\$ 1,472.00	\$ 1,501.50	\$ 2,762.76	\$ 1,500.00	\$ 2,760.00
25	644E00500	STOP LINE	15	FT	\$ 20.00	\$ 300.00	\$ 19.43	\$ 291.45	\$ 20.00	\$ 300.00
SUB-TOTAL TRAFFIC CONTROL						\$ 5,568.00		\$ 7,797.05		\$ 8,102.80
<b>INCIDENTALS</b>										
26	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 15,046.00	\$ 15,046.00	\$ 8,100.00	\$ 8,100.00
27	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00
28	624E10000	MOBILIZATION	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,900.00	\$ 2,900.00
SUB-TOTAL INCIDENTALS						\$ 5,500.00		\$ 19,046.00		\$ 11,750.00
Total Alternate 1 Cost =						\$ 279,836.00		\$ 333,325.05		\$ 326,669.80

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		<b>ALTERNATE 2 (CR25)</b>								
		<b>PAVEMENT</b>								
29	407E10000	TACK COAT	462	GAL	\$ 2.00	\$ 924.00	\$ 2.00	\$ 924.00	\$ 2.00	\$ 924.00
30	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	275	CY	\$ 120.00	\$ 33,000.00	\$ 150.00	\$ 41,250.00	\$ 146.00	\$ 40,150.00
31	617E10100	COMPACTED AGGREGATE	35	CY	\$ 60.00	\$ 2,100.00	\$ 80.00	\$ 2,800.00	\$ 130.00	\$ 4,550.00
		SUB-TOTAL PAVEMENT				\$ 36,024.00		\$ 44,974.00		\$ 45,624.00
		<b>TRAFFIC CONTROL</b>								
32	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
33	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	0.43	MILE	\$ 350.00	\$ 150.50	\$ 250.00	\$ 107.50	\$ 345.00	\$ 148.35
34	642E00100	EDGE LINE, 4", TYPE 1	0.86	MILE	\$ 600.00	\$ 516.00	\$ 1,350.00	\$ 1,161.00	\$ 1,320.00	\$ 1,135.20
35	642E00300	CENTER LINE, TYPE 1	0.43	MILE	\$ 700.00	\$ 301.00	\$ 2,650.00	\$ 1,139.50	\$ 2,640.00	\$ 1,135.20
36	644E00500	STOP LINE	15	FT	\$ 20.00	\$ 300.00	\$ 21.50	\$ 322.50	\$ 20.00	\$ 300.00
		SUB-TOTAL TRAFFIC CONTROL				\$ 1,567.50		\$ 2,940.50		\$ 3,768.75
		<b>INCIDENTALS</b>								
37	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 3,537.00	\$ 3,537.00	\$ 1,700.00	\$ 1,700.00
38	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00
39	624E10000	MOBILIZATION	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,950.00	\$ 1,950.00
		SUB-TOTAL INCIDENTALS				\$ 3,500.00		\$ 7,537.00		\$ 4,350.00
Total Alternate 2 Cost =						\$ 41,091.50		\$ 55,451.50		\$ 53,742.75
		<b>ALTERNATE 3 (CR16)</b>								
		<b>PAVEMENT</b>								
40	407E10000	TACK COAT	1287	GAL	\$ 2.00	\$ 2,574.00	\$ 2.00	\$ 2,574.00	\$ 2.00	\$ 2,574.00
41	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	766	CY	\$ 120.00	\$ 91,920.00	\$ 150.00	\$ 114,900.00	\$ 145.00	\$ 111,070.00
42	617E10100	COMPACTED AGGREGATE	62	CY	\$ 60.00	\$ 3,720.00	\$ 80.00	\$ 4,960.00	\$ 105.00	\$ 6,510.00
		SUB-TOTAL PAVEMENT				\$ 98,214.00		\$ 122,434.00		\$ 120,154.00
		<b>TRAFFIC CONTROL</b>								
43	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
44	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	1.52	MILE	\$ 350.00	\$ 532.00	\$ 250.00	\$ 380.00	\$ 100.00	\$ 152.00
45	642E00300	CENTER LINE, TYPE 1	1.52	MILE	\$ 700.00	\$ 1,064.00	\$ 1,085.00	\$ 1,649.20	\$ 1,050.00	\$ 1,596.00
46	644E00500	STOP LINE	10	FT	\$ 20.00	\$ 200.00	\$ 21.50	\$ 215.00	\$ 20.00	\$ 200.00
		SUB-TOTAL TRAFFIC CONTROL				\$ 2,096.00		\$ 2,454.20		\$ 2,998.00
		<b>INCIDENTALS</b>								
47	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 6,711.00	\$ 6,711.00	\$ 3,500.00	\$ 3,500.00
48	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 980.00	\$ 980.00
49	624E10000	MOBILIZATION	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 975.00	\$ 975.00
		SUB-TOTAL INCIDENTALS				\$ 3,500.00		\$ 8,761.00		\$ 5,455.00
Total Alternate 3 Cost =						\$ 103,810.00		\$ 133,649.20		\$ 128,607.00

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<b>ALTERNATE 4 (CR16)</b>										
<b>PAVEMENT</b>										
50	407E10000	TACK COAT	926	GAL	\$ 2.00	\$ 1,852.00	\$ 2.00	\$ 1,852.00	\$ 2.00	\$ 1,852.00
51	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	551	CY	\$ 120.00	\$ 66,120.00	\$ 150.00	\$ 82,650.00	\$ 140.00	\$ 77,140.00
52	617E10100	COMPACTED AGGREGATE	43	CY	\$ 60.00	\$ 2,580.00	\$ 80.00	\$ 3,440.00	\$ 110.00	\$ 4,730.00
SUB-TOTAL PAVEMENT						\$ 70,552.00		\$ 87,942.00		\$ 83,722.00
<b>TRAFFIC CONTROL</b>										
53	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
54	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	1.06	MILE	\$ 350.00	\$ 371.00	\$ 250.00	\$ 265.00	\$ 85.00	\$ 90.10
55	642E00300	CENTER LINE, TYPE 1	1.06	MILE	\$ 700.00	\$ 742.00	\$ 985.00	\$ 1,044.10	\$ 1,050.00	\$ 1,113.00
56	644E00500	STOP LINE	10	FT	\$ 20.00	\$ 200.00	\$ 18.50	\$ 185.00	\$ 20.00	\$ 200.00
SUB-TOTAL TRAFFIC CONTROL						\$ 1,613.00		\$ 1,704.10		\$ 2,453.10
<b>INCIDENTALS</b>										
57	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 5,124.00	\$ 5,124.00	\$ 2,235.00	\$ 2,235.00
58	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 850.00	\$ 850.00
59	624E10000	MOBILIZATION	1	LS	\$ 500.00	\$ 500.00	\$ 1,250.00	\$ 1,250.00	\$ 975.00	\$ 975.00
SUB-TOTAL INCIDENTALS						\$ 2,500.00		\$ 7,174.00		\$ 4,060.00
Total Alternate 4 Cost =						\$ 74,665.00		\$ 96,820.10		\$ 90,235.10
<b>ALTERNATE 5 (CR16)</b>										
<b>PAVEMENT</b>										
60	407E10000	TACK COAT	815	GAL	\$ 2.00	\$ 1,630.00	\$ 2.00	\$ 1,630.00	\$ 2.00	\$ 1,630.00
61	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	485	CY	\$ 120.00	\$ 58,200.00	\$ 150.00	\$ 72,750.00	\$ 140.00	\$ 67,900.00
62	617E10100	COMPACTED AGGREGATE	41	CY	\$ 60.00	\$ 2,460.00	\$ 80.00	\$ 3,280.00	\$ 115.00	\$ 4,715.00
SUB-TOTAL PAVEMENT						\$ 62,290.00		\$ 77,660.00		\$ 74,245.00
<b>TRAFFIC CONTROL</b>										
63	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
64	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	1.01	MILE	\$ 350.00	\$ 353.50	\$ 250.00	\$ 252.50	\$ 100.00	\$ 101.00
65	642E00300	CENTER LINE, TYPE 1	1.01	MILE	\$ 700.00	\$ 707.00	\$ 1,085.00	\$ 1,095.85	\$ 1,050.00	\$ 1,060.50
66	644E00500	STOP LINE	10	FT	\$ 20.00	\$ 200.00	\$ 21.50	\$ 215.00	\$ 20.00	\$ 200.00
SUB-TOTAL TRAFFIC CONTROL						\$ 1,560.50		\$ 1,773.35		\$ 2,411.50
<b>INCIDENTALS</b>										
67	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 5,124.00	\$ 5,124.00	\$ 2,000.00	\$ 2,000.00
68	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 850.00	\$ 850.00
69	624E10000	MOBILIZATION	1	LS	\$ 500.00	\$ 500.00	\$ 1,250.00	\$ 1,250.00	\$ 975.00	\$ 975.00
SUB-TOTAL INCIDENTALS						\$ 2,500.00		\$ 7,174.00		\$ 3,825.00
Total Alternate 5 Cost =						\$ 66,350.50		\$ 86,607.35		\$ 80,481.50
<b>TOTAL PROJECT COST =</b>						<b>\$ 2,344,075.00</b>		<b>\$ 2,752,759.67</b>		<b>\$ 2,849,655.25</b>

Nuko had total at 16.30