

Athens County Engineer ATH CR VAR Resurf FY23 Paving Project - PID 115576 Bid Tabulation - 7/6/2022					Engineer's Estimate		Shelly & Sands, Inc.	
REF NO.	ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>BASE BID</b>								
<b>PAVEMENT</b>								
1	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE	885	SY	\$ 8.00	\$ 7,080.00	\$ 11.50	\$ 10,177.50
2	407E10000	TACK COAT	13123	GAL	\$ 3.00	\$ 39,369.00	\$ 2.30	\$ 30,182.90
3	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	5096	CY	\$ 155.00	\$ 789,880.00	\$ 200.00	\$ 1,019,200.00
4	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	2055	CY	\$ 155.00	\$ 318,525.00	\$ 200.00	\$ 411,000.00
5	617E10100	COMPACTED AGGREGATE	951	CY	\$ 95.00	\$ 90,345.00	\$ 100.00	\$ 95,100.00
6	690E98800	No. 57 LIMESTONE	8145	TON	\$ 53.00	\$ 431,685.00	\$ 60.00	\$ 488,700.00
7	690E98801	No. 9 LIMESTONE	543	TON	\$ 55.00	\$ 29,865.00	\$ 61.00	\$ 33,123.00
8	690E98802	No. 8 LIMESTONE	1249	TON	\$ 41.00	\$ 51,209.00	\$ 45.50	\$ 56,829.50
9	690E98900	EMULSION (MC800)	81450	GAL	\$ 3.50	\$ 285,075.00	\$ 3.65	\$ 297,292.50
10	690E98901	EMULSION (AE-90 OR MWS-90)	45612	GAL	\$ 3.25	\$ 148,239.00	\$ 3.40	\$ 155,080.80
SUB-TOTAL PAVEMENT						\$ 2,191,272.00		\$ 2,596,686.20
<b>TRAFFIC CONTROL</b>								
11	614E12460	WORK ZONE MARKING SIGN	32	EA	\$ 125.00	\$ 4,000.00	\$ 100.00	\$ 3,200.00
12	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	14.9	MILE	\$ 350.00	\$ 5,215.00	\$ 125.00	\$ 1,862.50
13	621E54000	RAISED PAVEMENT MARKER REMOVED	240	EA	\$ 8.00	\$ 1,920.00	\$ 5.00	\$ 1,200.00
14	642E00100	EDGE LINE, 4", TYPE 1	17.84	MILE	\$ 1,000.00	\$ 17,840.00	\$ 725.00	\$ 12,934.00
15	642E00300	CENTER LINE, TYPE 1	20.04	MILE	\$ 1,400.00	\$ 28,056.00	\$ 1,400.00	\$ 28,056.00
16	644E00500	STOP LINE	368	FT	\$ 25.00	\$ 9,200.00	\$ 14.75	\$ 5,428.00
SUB-TOTAL TRAFFIC CONTROL						\$ 66,231.00		\$ 52,680.50
<b>INCIDENTALS</b>								
17	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 80,000.00	\$ 80,000.00	\$ 100,000.00	\$ 100,000.00
18	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 4,097.00	\$ 4,097.00	\$ 14,000.00	\$ 14,000.00
19	624E10000	MOBILIZATION	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00
20	103E05000	PREMIUM FOR PERFORMANCE BOND AND FOR PAYMENT BOND	1	LS	\$ 28,000.00	\$ 28,000.00	\$ 11,999.98	\$ 11,999.98
SUB-TOTAL INCIDENTALS						\$ 132,097.00		\$ 150,999.98
Estimated Total Base Bid Cost =						\$ 2,389,600.00	(+17.2%)	\$ 2,800,366.68
<b>ALTERNATE 1</b>								
<b>PAVEMENT</b>								
21	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE	133	SY	\$ 8.00	\$ 1,064.00	\$ 11.50	\$ 1,529.50
22	407E10000	TACK COAT	903	GAL	\$ 3.00	\$ 2,709.00	\$ 2.30	\$ 2,076.90
23	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	537	CY	\$ 155.00	\$ 83,235.00	\$ 200.00	\$ 107,400.00
24	617E10100	COMPACTED AGGREGATE	78	CY	\$ 95.00	\$ 7,410.00	\$ 100.00	\$ 7,800.00
SUB-TOTAL PAVEMENT						\$ 94,418.00		\$ 118,806.40
<b>TRAFFIC CONTROL</b>								
25	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 125.00	\$ 250.00	\$ 100.00	\$ 200.00
26	642E00300	CENTER LINE, TYPE 1	1.06	MILE	\$ 1,200.00	\$ 1,272.00	\$ 1,400.00	\$ 1,484.00
27	644E00500	STOP LINE	24	FT	\$ 20.00	\$ 480.00	\$ 14.75	\$ 354.00
SUB-TOTAL TRAFFIC CONTROL						\$ 2,002.00		\$ 2,038.00
<b>INCIDENTALS</b>								
28	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 5,500.00	\$ 5,500.00
29	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 1,100.00	\$ 1,100.00
30	624E10000	MOBILIZATION	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00
SUB-TOTAL INCIDENTALS						\$ 6,500.00		\$ 8,100.00
Estimated Total Alternate 1 Cost =						\$ 102,920.00	(+25.3%)	\$ 128,944.40
<b>ALTERNATE 2</b>								
<b>PAVEMENT</b>								
31	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE	133	SY	\$ 8.00	\$ 1,064.00	\$ 11.50	\$ 1,529.50
32	407E10000	TACK COAT	1273	GAL	\$ 3.00	\$ 3,819.00	\$ 2.30	\$ 2,927.90
33	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	758	CY	\$ 155.00	\$ 117,490.00	\$ 200.00	\$ 151,600.00
34	617E10100	COMPACTED AGGREGATE	111	CY	\$ 95.00	\$ 10,545.00	\$ 100.00	\$ 11,100.00
SUB-TOTAL PAVEMENT						\$ 132,918.00		\$ 167,157.40
<b>TRAFFIC CONTROL</b>								
35	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 125.00	\$ 250.00	\$ 100.00	\$ 200.00
36	642E00300	CENTER LINE, TYPE 1	1.52	MILE	\$ 1,200.00	\$ 1,824.00	\$ 1,400.00	\$ 2,128.00
37	644E00500	STOP LINE	24	FT	\$ 20.00	\$ 480.00	\$ 14.75	\$ 354.00
SUB-TOTAL TRAFFIC CONTROL						\$ 2,554.00		\$ 2,682.00
<b>INCIDENTALS</b>								
38	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 4,500.00	\$ 4,500.00	\$ 7,500.00	\$ 7,500.00
39	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 1,100.00	\$ 1,100.00
40	624E10000	MOBILIZATION	1	LS	\$ 2,008.00	\$ 2,008.00	\$ 1,500.00	\$ 1,500.00
SUB-TOTAL INCIDENTALS						\$ 7,008.00		\$ 10,100.00
Estimated Total Alternate 2 Cost =						\$ 142,480.00	(+26.3%)	\$ 179,939.40
<b>TOTAL PROJECT COST =</b>						\$ 2,635,000.00	(+18.0%)	\$ 3,109,250.48