

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM		Engineer's Estimate		Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469		Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204		Complete General 1221 East Fifth Ave Columbus, OH 43219				
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: A		Roadway										
100	201E11000	Clearing And Grubbing	1.00	LS	8,000.00	8,000.00	20,000.00	20,000.00	12,000.00	12,000.00	8,000.00	8,000.00
103	202E20010	Headwall Removed	3.00	EACH	432.88	1,298.64	120.00	360.00	100.00	300.00	340.00	1,020.00
106	202E23000	Pavement Removed	309.00	SY	16.00	4,944.00	3.00	927.00	6.00	1,854.00	9.50	2,935.50
109	202E23500	Wearing Course Removed	278.00	SY	7.60	2,112.80	13.00	3,614.00	9.00	2,502.00	9.75	2,710.50
112	202E23000	Walk Removed	73.00	SY	5.56	405.88	8.00	584.00	2.00	146.00	38.00	2,774.00
115	202E32000	Curb Removed	32.00	FT	8.82	282.24	9.00	288.00	2.00	64.00	12.00	384.00
118	202E32500	Curb And Gutter Removed	75.00	FT	9.26	694.50	8.00	600.00	2.00	150.00	13.00	975.00
121	202E35100	Pipe Removed, 24" And Under	61.00	FT	20.00	1,220.00	12.00	732.00	6.00	366.00	18.00	1,098.00
124	202E38000	Guardrail Removed	1,904.00	FT	1.85	3,522.40	2.00	3,808.00	2.00	3,808.00	1.50	2,856.00
127	202E42000	Anchor Assembly Removed, Type A	1.00	EACH	280.43	280.43	280.00	280.00	280.00	280.00	150.00	150.00
130	202E47000	Bridge Terminal Assembly Removed	4.00	EACH	92.77	371.08	80.00	320.00	80.00	320.00	175.00	700.00
133	202E52990	Removal Misc.: Bumper Block Removed	2.00	EACH	35.26	70.52	32.00	64.00	20.00	40.00	50.00	100.00
136	203E10000	Excavation	1,157.00	CY	19.43	22,480.51	10.50	12,148.50	14.00	16,198.00	16.00	18,512.00
139	203E20000	Embankment	2,942.00	CY	11.95	35,156.90	17.00	50,014.00	14.00	41,188.00	20.00	58,840.00
142	204E10000	Subgrade Compaction	2,286.00	SY	2.86	6,537.96	4.00	9,144.00	2.30	5,257.80	3.00	6,858.00
145	204E45001	Proofrolling, As Per Plan	5.00	HOUR	218.44	1,092.20	200.00	1,000.00	100.00	500.00	170.00	850.00
148	606E15050	Guardrail, Type MGS	137.50	FT	21.79	2,996.13	22.00	3,025.00	22.00	3,025.00	15.50	2,131.25
151	606E26150	Anchor Assembly, MGS Type E (NCHRP 350 Or MASH 2016)	1.00	EACH	2,329.94	2,329.94	2,250.00	2,250.00	2,250.00	2,250.00	2,050.00	2,050.00
154	606E35002	MGS Bridge Terminal Assembly, Type 1	3.00	EACH	2,226.02	6,678.06	2,000.00	6,000.00	2,000.00	6,000.00	2,175.00	6,525.00
157	607E98000	Fence, Misc.: Bikeway Railin	1,213.00	FT	75.00	90,975.00	45.00	54,585.00	45.00	54,585.00	40.00	48,520.00
160	608E10000	4" Concrete Walk	2,320.00	SF	7.86	18,235.20	8.00	18,560.00	7.50	17,400.00	6.00	13,920.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
163	608E15000	8" Concrete Walk	377.00	SF	9.66	3,641.82	19.00	7,163.00	10.00	3,770.00	8.00	3,016.00
166	608E15000	Detectable Warning	77.00	SF	38.32	2,950.64	40.00	3,080.00	20.00	1,540.00	26.00	2,002.00
169	622E25001	Concrete Barrier End Section Type D, As Per Plan	2.00	EACH	2,775.00	5,550.00	3,900.00	7,800.00	3,800.00	7,600.00	4,500.00	9,000.00
172	622E90200	Barrier, Misc.: Concrete Bar End Section	2.00	EACH	2,775.00	5,550.00	3,900.00	7,800.00	6,800.00	13,600.00	5,800.00	11,600.00
Sub-Total:						227,376.85		214,146.50		194,743.80		207,527.25
Group:	B	Erosion Control										
200	601E32204	Rock Channel Protection, Typ C With Geotextile Fabric	63.00	CY	99.32	6,257.16	87.00	5,481.00	105.00	6,615.00	78.00	4,914.00
205	659E00300	Topsoil	759.00	CY	26.58	20,174.22	18.00	13,662.00	30.00	22,770.00	30.00	22,770.00
210	659E00580	Seeding And Mulching, Class 5B	1,031.00	SY	4.00	4,124.00	3.10	3,196.10	1.90	1,958.90	1.55	1,598.05
215	659E10000	Seeding And Mulching, As Per Plan	2,316.00	SY	2.39	5,530.61	0.80	1,852.80	1.90	4,400.40	1.10	2,547.60
220	659E14000	Repair Seeding And Mulching	342.00	SY	0.81	277.02	0.70	239.40	3.75	1,282.50	1.25	427.50
225	659E15000	Interseeding	342.00	SY	0.55	188.10	0.70	239.40	3.75	1,282.50	1.25	427.50
230	659E20000	Commercial Fertilizer	0.92	TON	620.96	571.28	630.00	579.60	500.00	460.00	500.00	460.00
235	659E31000	Lime	1.41	ACRE	78.27	110.36	155.00	218.55	5.00	7.05	500.00	705.00
240	659E35000	Water, As Per Plan	37.00	MGAL	1.51	55.87	1.00	37.00	3.00	111.00	75.00	2,775.00
245	671E15000	Erosion Control Mat, Type A	2,927.00	SY	2.13	6,234.51	1.40	4,097.80	1.95	5,707.65	1.20	3,512.40
250	671E15010	Erosion Control Mat, Type B, As Per Plan	510.00	SY	4.11	2,096.10	1.50	765.00	1.95	994.50	1.20	612.00
255	671E15010	Erosion Control Mat, Type B	14.00	SY	1.89	26.46	1.50	21.00	1.95	27.30	1.20	16.80
260	832E15000	Storm Water Pollution Prevention Plan	1.00	LS	5,000.00	5,000.00	10,000.00	10,000.00	11,100.00	11,100.00	6,000.00	6,000.00
265	832E30000	Erosion Control	30,000.00	EACH	1.00	30,000.00	1.00	30,000.00	1.00	30,000.00	1.00	30,000.00
Sub-Total:						80,645.69		70,389.65		86,716.80		76,765.85

Franklin County Engineer's Office - Bridge Design Refugee Rd 5.99 over Big Walnut Creek Bid Tabulation

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Engineer:				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: C		Drainage										
300	602E20000	Concrete Masonry	1.10	CY	2,067.11	2,273.82	2,600.00	2,860.00	3,000.00	3,300.00	2,200.00	2,420.00
305	611E04600	12" Conduit, Type C	5.00	FT	88.44	442.20	125.00	625.00	150.00	750.00	171.00	855.00
310	611E05900	15" Conduit, Type B	132.00	FT	86.21	11,379.72	62.00	8,184.00	80.00	10,560.00	60.00	7,920.00
315	611E07600	18" Conduit, Type C	2.00	FT	155.00	310.00	345.00	690.00	500.00	1,000.00	450.00	900.00
320	611E99574	Manhole, No. 3	1.00	EACH	3,422.00	3,422.00	2,900.00	2,900.00	3,500.00	3,500.00	2,850.00	2,850.00
325	611E99654	Manhole Adjusted To Grade	3.00	EACH	728.56	2,185.68	865.00	2,595.00	300.00	900.00	650.00	1,950.00
Sub-Total:						20,013.42		17,854.00		20,010.00		16,895.00

Group: D		Pavement										
400	252E01000	Full Depth Rigid Pavement Removal And Flexible Replacement	9.00	SQYD	122.08	1,098.72	225.00	2,025.00	300.00	2,700.00	375.00	3,375.00
405	304E20000	Aggregate Base	336.00	CY	71.86	24,144.96	65.00	21,840.00	85.00	28,560.00	78.00	26,208.00
410	407E20001	Non-Tracking Tack Coat, As Per Plan	17.00	GAL	4.75	80.75	3.00	51.00	5.00	85.00	3.45	58.65
415	441E50000	Asphalt Concrete Surface Course, Type 1, (448), PG 64 -22	106.00	CY	306.41	32,479.46	330.00	34,980.00	275.00	29,150.00	225.00	23,850.00
420	441E50100	Asphalt Concrete Surface Course, Type 1, (448), PG 70 -22M	10.00	CY	437.23	4,372.30	600.00	6,000.00	688.00	6,880.00	480.00	4,800.00
425	441E50300	Asphalt Concrete Intermediat Course, Type 2, (448), Varia	14.00	CY	354.48	4,962.72	425.00	5,950.00	662.00	9,268.00	450.00	6,300.00
430	441E50400	Asphalt Concrete Surface Course, Type 1, (448), (Driveways)	11.00	CY	314.03	3,454.34	525.00	5,775.00	475.00	5,225.00	470.00	5,170.00
435	441E50600	Asphalt Concrete Intermdiate Course, Type 2 (448), (Drive	16.00	CY	332.61	5,321.76	375.00	6,000.00	460.00	7,360.00	450.00	7,200.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
440	609E12000	Combination Curb And Gutter, Type 2	67.00	FT	38.03	2,548.01	68.00	4,556.00	50.00	3,350.00	65.00	4,355.00
445	609E24510	Curb, Type 4-C	36.00	FT	42.49	1,529.64	43.00	1,548.00	30.00	1,080.00	105.00	3,780.00
450	609E26000	Curb, Type 6	10.00	FT	51.50	515.00	142.00	1,420.00	50.00	500.00	110.00	1,100.00
Sub-Total:						80,507.66		90,145.00		94,158.00		86,196.65
Group: E Water Work												
500	638E10800	Valve Box Adjusted To Grade	5.00	EACH	214.20	1,071.00	415.00	2,075.00	100.00	500.00	200.00	1,000.00
Sub-Total:						1,071.00		2,075.00		500.00		1,000.00
Group: F Traffic Control												
600	621E00101	RPM, As Per Plan	12.00	EACH	193.37	2,320.45	110.00	1,320.00	175.00	2,100.00	260.00	3,120.00
605	621E54000	Raised Pavement Marker Removed	17.00	EACH	12.89	219.13	10.00	170.00	10.00	170.00	20.00	340.00
610	626E00102	Barrier Reflector, Type 1, Bidirectional	6.00	EACH	8.48	50.88	10.00	60.00	10.00	60.00	8.00	48.00
615	626E00110	Barrier Reflector, Type 2, Bidirectional	6.00	EACH	8.80	52.80	8.50	51.00	8.50	51.00	8.00	48.00
620	630E02100	Ground Mounted Support, No. 2 Post	31.50	FT	13.33	419.90	15.00	472.50	15.00	472.50	20.00	630.00
625	630E03100	Ground Mounted Support, No. 3 Post	13.00	FT	14.12	183.56	16.00	208.00	16.00	208.00	20.00	260.00
630	630E08600	Sign Post Reflector	1.00	EACH	48.78	48.78	45.00	45.00	45.00	45.00	50.00	50.00
635	630E80100	Sign, Flat Sheet	13.80	SF	26.67	368.05	25.00	345.00	25.00	345.00	30.00	414.00
640	630E84900	Removal Of Ground Mounted Sign And Disposal	2.00	EACH	14.33	28.66	20.00	40.00	20.00	40.00	20.00	40.00
645	630E86002	Removal Of Ground Mounted Post Support And Disposal	2.00	EACH	15.95	31.90	20.00	40.00	20.00	40.00	30.00	60.00
650	630E95000	Signing, Misc.: Trail Signag	1.00	LS	5,000.00	5,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
655	642E30000	Removal Of Pavement Marking	735.00	FT	4.07	2,991.45	1.80	1,323.00	1.75	1,286.25	1.83	1,345.05

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
660	642E00301	Center Line, Type 1, As Per Plan	0.30	MILE	3,587.97	1,076.39	5,200.00	1,560.00	5,148.00	1,544.40	5,400.00	1,620.00
665	645E00101	Edge Line, 5", Type A1, As P Plan	0.17	MILE	5,233.53	889.70	51,000.00	8,670.00	50,830.00	8,641.10	53,200.00	9,044.00
670	645E00201	Lane Line, 5", Type A1, As P Plan	0.15	MILE	2,451.27	367.69	34,200.00	5,130.00	34,180.00	5,127.00	35,800.00	5,370.00
675	645E00301	Center Line, Type A1, As Per Plan	0.09	MILE	7,571.44	681.43	69,000.00	6,210.00	68,451.00	6,160.59	71,680.00	6,451.20
680	644E00500	Stop Line	15.00	FT	8.98	134.70	15.50	232.50	15.50	232.50	16.00	240.00
Sub-Total:						14,865.47		27,877.00		28,523.34		31,080.25
Group: G Traffic Signals												
700	611E00400	4" Conduit, Type E, Schedule 40 PVC	60.00	FT	13.72	823.20	16.00	960.00	15.92	955.20	9.00	540.00
705	625E25500	Conduit, 3", 725.04	1,300.00	FT	19.55	25,415.00	31.00	40,300.00	30.93	40,209.00	40.00	52,000.00
710	625E29001	Trench, As Per Plan	200.00	FT	10.83	2,166.00	11.00	2,200.00	11.00	2,200.00	14.00	2,800.00
715	625E31600	Pull Box, Misc.: 27" Pull Bo (COC Std. Dwg. No. 4022)	4.00	EA	1,770.03	7,080.12	1,690.00	6,760.00	1,687.50	6,750.00	2,000.00	8,000.00
720	625E33000	Structure Grounding System	1.00	EA	3,961.07	3,961.07	3,360.00	3,360.00	3,351.25	3,351.25	5,000.00	5,000.00
725	632E40500	Signal Cable, 5 Conductor, N 14 Awg	1,300.00	FT	2.29	2,977.00	2.72	3,536.00	2.72	3,536.00	3.00	3,900.00
Sub-Total:						42,422.39		57,116.00		57,001.45		72,240.00
Group: H Structure												
800	202E11203	Portions Of Structure Removed, Over 20 Foot Span, As Per Pla	1.00	LS	150,000.00	150,000.00	84,500.00	84,500.00	95,000.00	95,000.00	135,000.00	135,000.00
802	503E21300	Unclassified Excavation	1.00	LS	7,492.00	7,492.00	5,000.00	5,000.00	9,000.00	9,000.00	19,000.00	19,000.00
804	509E10000	Epoxy Coated Reinforcing Steel	77,445.00	LB	1.27	98,200.26	1.05	81,317.25	1.10	85,189.50	1.08	83,640.60

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806	509E10001	Epoxy Coated Reinforcing Steel, As Per Plan	508.00	LB	1.03	523.24	1.00	508.00	3.00	1,524.00	1.16	589.28
808	510E10000	Dowel Holes With Nonshrick, Nonmetallic Grout	1,586.00	EACH	13.30	21,093.80	28.00	44,408.00	17.00	26,962.00	16.00	25,376.00
810	511E34412	Class QC2 Concrete With QC/QA, Superstructure	208.00	CY	832.65	173,191.20	1,200.00	249,600.00	860.00	178,880.00	850.00	176,800.00
812	511E45710	Class QC1 Concrete, Abutment	51.00	CY	950.00	48,450.00	975.00	49,725.00	750.00	38,250.00	800.00	40,800.00
814	512E10050	Sealing Of Concrete Surfaces	629.00	SY	8.13	5,113.77	8.25	5,189.25	7.00	4,403.00	8.25	5,189.25
816	512E10400	Treating Of Concrete Bridge Deck With SRS	1,474.00	SY	9.50	14,003.00	7.00	10,318.00	7.00	10,318.00	7.00	10,318.00
818	512E33000	Type 2 Waterproofing	5.00	SY	36.58	182.90	42.00	210.00	43.00	215.00	38.00	190.00
820	513E10261	Structural Steel Members, Level 3, As Per Plan	117,612.00	LB	3.13	368,125.56	2.08	244,632.96	2.90	341,074.80	2.84	334,018.08
822	513E10301	Structural Steel Members, Level 5, As Per Plan	42,311.00	LB	2.65	112,124.15	5.20	220,017.20	4.35	184,052.85	4.34	183,629.74
824	513E20000	Welded Stud Shear Connectors	1,758.00	EACH	3.25	5,713.50	3.70	6,504.60	3.65	6,416.70	3.65	6,416.70
826	514E00050	Surface Preparation Of Existing Structural Steel	12,071.00	SF	13.93	168,149.03	10.10	121,917.10	10.00	120,710.00	10.00	120,710.00
828	514E00056	Field Painting Of Existing Structural Steel, Prime Coat	12,071.00	SF	3.50	42,248.50	4.10	49,491.10	4.00	48,284.00	4.00	48,284.00
830	514E00060	Field Painting Structural St Intermediate Coat	16,347.00	SF	3.68	60,156.96	2.78	45,444.66	2.75	44,954.25	2.75	44,954.25
832	514E00066	Field Painting Structural St Finish Coat	16,347.00	SF	3.08	50,348.76	1.52	24,847.44	1.50	24,520.50	1.50	24,520.50
834	514E00504	Grinding Fins, Tears, Sliver On Existing Structural Steel	18.00	MNHR	118.07	2,125.26	152.00	2,736.00	150.00	2,700.00	150.00	2,700.00
836	514E10000	Final Inspection Repair	18.00	EACH	238.26	4,288.68	202.00	3,636.00	200.00	3,600.00	200.00	3,600.00

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838	516E11210	Structural Expansion Joint Including Elstomeric Strip S	125.00	FT	356.88	44,610.00	535.00	66,875.00	525.00	65,625.00	560.00	70,000.00
840	516E12310	Sidewalk Cover Plate	613.00	LB	5.00	3,065.00	20.00	12,260.00	18.00	11,034.00	15.00	9,195.00
842	516E13600	1" Preformed Expansion Joint Filler	80.00	SF	6.00	480.00	10.00	800.00	11.00	880.00	11.00	880.00
844	516E46001	Bearing Device, Bolster, As Per Plan, Beam 7	1.00	EACH	3,500.00	3,500.00	3,400.00	3,400.00	4,000.00	4,000.00	3,665.00	3,665.00
846	516E46201	Bearing Device, Rocker, As Per Plan, Beam 7	3.00	EACH	3,500.00	10,500.00	3,100.00	9,300.00	3,600.00	10,800.00	3,220.00	9,660.00
848	516E46900	Bearing Device, Misc.: Expansion Bearing, Beam 1	3.00	EACH	10,000.00	30,000.00	3,100.00	9,300.00	3,200.00	9,600.00	2,810.00	8,430.00
850	516E46900	Bearing Device, Misc.: Fixed Bearing, Beam 1	1.00	EACH	5,000.00	5,000.00	3,200.00	3,200.00	3,200.00	3,200.00	2,840.00	2,840.00
852	517E74501	Railing, Concrete, As Per PI	224.67	FT	200.00	44,934.00	190.00	42,687.30	133.00	29,881.11	105.00	23,590.35
854	517E76300	Railing, Misc.: Deflector Parapet Type	224.67	FT	150.00	33,700.50	115.00	25,837.05	155.00	34,823.85	109.00	24,489.03
856	517E76300	Railing, Misc.: Pedestrian R With Three Steel Tube Railin	229.09	FT	220.00	50,399.80	228.00	52,232.52	240.00	54,981.60	225.00	51,545.25
858	518E21200	Porous Backfill With Geotext Fabric	15.00	CY	84.94	1,274.10	105.00	1,575.00	115.00	1,725.00	98.00	1,470.00
860	518E22300	Special - Steel Drip Strip	274.00	FT	10.34	2,833.16	12.50	3,425.00	12.00	3,288.00	14.00	3,836.00
862	518E40000	6" Perforated Corrugated Plastic Pipe	37.00	FT	7.06	261.22	7.00	259.00	11.00	407.00	13.00	481.00
864	518E40010	6" Non-Perforated Corrugated Plastic Pipe, Including Spec	27.00	FT	18.75	506.25	9.00	243.00	15.00	405.00	17.00	459.00
866	847E10200	Superplasticized Dense Concrete Overlay	917.00	SY	90.00	82,530.00	73.00	66,941.00	70.00	64,190.00	90.00	82,530.00
868	847E20201	Superplasticized Dense Concrete Overlay (Variable	5.00	CY	800.00	4,000.00	190.00	950.00	295.00	1,475.00	1,000.00	5,000.00

Franklin County Engineer's Office - Bridge Design Refugee Rd 5.99 over Big Walnut Creek Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM Engineer:		Engineer's Estimate	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204	Complete General 1221 East Fifth Ave Columbus, OH 43219							
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Thickness)										
870	847E30000	Test Slab	1.00	LS	1,250.00	1,250.00	1,900.00	1,900.00	500.00	500.00	900.00	900.00
872	847E30301	Wearing Course Removed, Asphalt, As Per Plan	1,342.00	SY	30.00	40,260.00	11.00	14,762.00	10.00	13,420.00	12.00	16,104.00
874	847E50000	Hand Chipping	92.00	SY	129.45	11,909.40	140.00	12,880.00	80.00	7,360.00	58.00	5,336.00
Sub-Total:						1,702,544.00		1,578,829.43		1,543,650.16		1,586,147.03
Group: I Maintenance Of Traffic												
900	410E12000	Traffic Compacted Surface, Type A Or B	100.00	CY	30.00	3,000.00	42.00	4,200.00	35.00	3,500.00	50.00	5,000.00
905	607E98000	Fence, Misc.: Work Zone Fence, Type Clt	304.00	FT	30.00	9,120.00	15.00	4,560.00	10.00	3,040.00	19.25	5,852.00
910	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A P	160.00	HOUR	81.11	12,977.00	72.00	11,520.00	65.00	10,400.00	85.00	13,600.00
915	614E11500	Worksite Traffic Supervisor	6.00	MNTH	2,875.64	17,253.84	3,200.00	19,200.00	500.00	3,000.00	2,600.00	15,600.00
920	614E11630	Increased Barrier Delineatio	3,910.00	FT	1.13	4,418.30	0.85	3,323.50	1.00	3,910.00	1.50	5,865.00
925	614E12338	Work Zone Impact Attenuator (Bidirectional)	9.00	EACH	1,963.17	17,668.53	1,850.00	16,650.00	1,850.00	16,650.00	1,980.00	17,820.00
930	614E13000	Asphalt Concrete For Maintaining Traffic	100.00	CY	204.17	20,417.00	170.00	17,000.00	130.00	13,000.00	175.00	17,500.00
935	614E13360	Object Marker, Two Way	79.00	EACH	13.09	1,034.11	15.00	1,185.00	15.00	1,185.00	14.00	1,106.00
940	614E21200	Work Zone Lane Line, Class I 6", 740.06, Type I	0.17	MILE	12,389.59	2,106.23	15,875.00	2,698.75	2,500.00	425.00	16,000.00	2,720.00
945	614E22200	Work Zone Edge Line, Class I 4", 740.06, Type Ii	0.45	MILE	6,751.27	3,038.07	10,160.00	4,572.00	5,000.00	2,250.00	10,200.00	4,590.00
950	614E23400	Work Zone Channelizing Line, Class I, 8", 740.06, Type I	100.00	FT	2.49	249.00	3.50	350.00	3.00	300.00	3.50	350.00
955	614E30400	Work Zone Arrow, Class I, 740.06, Type I	1.00	EACH	218.31	218.31	265.00	265.00	150.00	150.00	265.00	265.00

Franklin County Engineer's Office - Bridge Design Refugee Rd 5.99 over Big Walnut Creek Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204	Complete General 1221 East Fifth Ave Columbus, OH 43219
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
960	616E10000	Water	17.00	MGAL	34.24	582.08	32.00	544.00	5.00	85.00	60.00	1,020.00
965	622E41000	Portable Barrier, 32"	4,190.00	FT	11.02	46,173.80	12.00	50,280.00	12.00	50,280.00	10.00	41,900.00
Sub-Total:						138,256.27		136,348.25		108,175.00		133,188.00

Group: J		Incidentals										
1000	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	20,000.00	20,000.00	14,600.00	14,600.00	14,300.00	14,300.00	20,000.00	20,000.00
1005	108E10000	Special - Cpm Progress Schedule, Type B	1.00	LS	15,000.00	15,000.00	1,800.00	1,800.00	3,200.00	3,200.00	2,500.00	2,500.00
1010	614E11000	Maintaining Traffic	1.00	LS	60,000.00	60,000.00	43,000.00	43,000.00	55,000.00	55,000.00	20,000.00	20,000.00
1015	619E16011	Field Office, Type B, As Per Plan	6.00	MNTH	2,158.34	12,950.04	3,200.00	19,200.00	2,500.00	15,000.00	3,000.00	18,000.00
1020	623E10000	Construction Layout Stakes And Surveying	1.00	LS	20,000.00	20,000.00	26,000.00	26,000.00	19,000.00	19,000.00	6,000.00	6,000.00
1025	624E10000	Mobilization	1.00	LS	100,000.00	100,000.00	40,000.00	40,000.00	100,000.00	100,000.00	100,000.00	100,000.00
1030	SPECIAL-032	Contingency, As Per Proposal Note	150,000.00	DOLL	1.00	150,000.00	1.00	150,000.00	1.00	150,000.00	1.00	150,000.00
1035	SPECIAL-031	Asphalt, Fuel, & Steel Price Adjustment Allowance, As Per PN	100,000.00	DOLL	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00
Sub-Total:						477,950.04		394,600.00		456,500.00		416,500.00
Grand Total:						2,785,652.79		2,589,380.83		2,589,978.55		2,627,540.03

Total Bid:		2,785,652.79	2,589,380.83	2,589,978.55	2,627,540.03
Calc/Entered Bid Diff.:			2,589,380.83	2,589,978.55	2,627,540.03
Difference from Low Vendor:				597.72	38,159.20
Total Subcontractors:					

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: A		Roadway										
100	201E11000	Clearing And Grubbing	1.00	LS	8,000.00	8,000.00	10,000.00	10,000.00	0.00	0.00	0.00	0.00
103	202E20010	Headwall Removed	3.00	EACH	432.88	1,298.64	275.00	825.00	0.00	0.00	0.00	0.00
106	202E23000	Pavement Removed	309.00	SY	16.00	4,944.00	5.50	1,699.50	0.00	0.00	0.00	0.00
109	202E23500	Wearing Course Removed	278.00	SY	7.60	2,112.80	47.00	13,066.00	0.00	0.00	0.00	0.00
112	202E23000	Walk Removed	73.00	SY	5.56	405.88	13.50	985.50	0.00	0.00	0.00	0.00
115	202E32000	Curb Removed	32.00	FT	8.82	282.24	6.00	192.00	0.00	0.00	0.00	0.00
118	202E32500	Curb And Gutter Removed	75.00	FT	9.26	694.50	4.50	337.50	0.00	0.00	0.00	0.00
121	202E35100	Pipe Removed, 24" And Under	61.00	FT	20.00	1,220.00	16.00	976.00	0.00	0.00	0.00	0.00
124	202E38000	Guardrail Removed	1,904.00	FT	1.85	3,522.40	1.50	2,856.00	0.00	0.00	0.00	0.00
127	202E42000	Anchor Assembly Removed, Type A	1.00	EACH	280.43	280.43	150.00	150.00	0.00	0.00	0.00	0.00
130	202E47000	Bridge Terminal Assembly Removed	4.00	EACH	92.77	371.08	175.00	700.00	0.00	0.00	0.00	0.00
133	202E52990	Removal Misc.: Bumper Block Removed	2.00	EACH	35.26	70.52	50.00	100.00	0.00	0.00	0.00	0.00
136	203E10000	Excavation	1,157.00	CY	19.43	22,480.51	36.00	41,652.00	0.00	0.00	0.00	0.00
139	203E20000	Embankment	2,942.00	CY	11.95	35,156.90	15.00	44,130.00	0.00	0.00	0.00	0.00
142	204E10000	Subgrade Compaction	2,286.00	SY	2.86	6,537.96	3.50	8,001.00	0.00	0.00	0.00	0.00
145	204E45001	Proofrolling, As Per Plan	5.00	HOUR	218.44	1,092.20	170.00	850.00	0.00	0.00	0.00	0.00
148	606E15050	Guardrail, Type MGS	137.50	FT	21.79	2,996.13	15.50	2,131.25	0.00	0.00	0.00	0.00
151	606E26150	Anchor Assembly, MGS Type E (NCHRP 350 Or MASH 2016)	1.00	EACH	2,329.94	2,329.94	2,050.00	2,050.00	0.00	0.00	0.00	0.00
154	606E35002	MGS Bridge Terminal Assembly, Type 1	3.00	EACH	2,226.02	6,678.06	2,175.00	6,525.00	0.00	0.00	0.00	0.00
157	607E98000	Fence, Misc.: Bikeway Railin	1,213.00	FT	75.00	90,975.00	40.00	48,520.00	0.00	0.00	0.00	0.00
160	608E10000	4" Concrete Walk	2,320.00	SF	7.86	18,235.20	8.00	18,560.00	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
163	608E15000	8" Concrete Walk	377.00	SF	9.66	3,641.82	14.00	5,278.00	0.00	0.00	0.00	0.00
166	608E15000	Detectable Warning	77.00	SF	38.32	2,950.64	25.00	1,925.00	0.00	0.00	0.00	0.00
169	622E25001	Concrete Barrier End Section Type D, As Per Plan	2.00	EACH	2,775.00	5,550.00	3,500.00	7,000.00	0.00	0.00	0.00	0.00
172	622E90200	Barrier, Misc.: Concrete Bar End Section	2.00	EACH	2,775.00	5,550.00	5,000.00	10,000.00	0.00	0.00	0.00	0.00
Sub-Total:						227,376.85		228,509.75				
Group: B Erosion Control												
200	601E32204	Rock Channel Protection, Typ C With Geotextile Fabric	63.00	CY	99.32	6,257.16	120.00	7,560.00	0.00	0.00	0.00	0.00
205	659E00300	Topsoil	759.00	CY	26.58	20,174.22	12.00	9,108.00	0.00	0.00	0.00	0.00
210	659E00580	Seeding And Mulching, Class 5B	1,031.00	SY	4.00	4,124.00	1.55	1,598.05	0.00	0.00	0.00	0.00
215	659E10000	Seeding And Mulching, As Per Plan	2,316.00	SY	2.39	5,530.61	1.10	2,547.60	0.00	0.00	0.00	0.00
220	659E14000	Repair Seeding And Mulching	342.00	SY	0.81	277.02	1.25	427.50	0.00	0.00	0.00	0.00
225	659E15000	Interseeding	342.00	SY	0.55	188.10	1.25	427.50	0.00	0.00	0.00	0.00
230	659E20000	Commercial Fertilizer	0.92	TON	620.96	571.28	500.00	460.00	0.00	0.00	0.00	0.00
235	659E31000	Lime	1.41	ACRE	78.27	110.36	500.00	705.00	0.00	0.00	0.00	0.00
240	659E35000	Water, As Per Plan	37.00	MGAL	1.51	55.87	75.00	2,775.00	0.00	0.00	0.00	0.00
245	671E15000	Erosion Control Mat, Type A	2,927.00	SY	2.13	6,234.51	1.20	3,512.40	0.00	0.00	0.00	0.00
250	671E15010	Erosion Control Mat, Type B, As Per Plan	510.00	SY	4.11	2,096.10	1.20	612.00	0.00	0.00	0.00	0.00
255	671E15010	Erosion Control Mat, Type B	14.00	SY	1.89	26.46	1.20	16.80	0.00	0.00	0.00	0.00
260	832E15000	Storm Water Pollution Prevention Plan	1.00	LS	5,000.00	5,000.00	11,500.00	11,500.00	0.00	0.00	0.00	0.00
265	832E30000	Erosion Control	30,000.00	EACH	1.00	30,000.00	1.00	30,000.00	0.00	0.00	0.00	0.00
Sub-Total:						80,645.69		71,249.85				

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: C		Drainage										
300	602E20000	Concrete Masonry	1.10	CY	2,067.11	2,273.82	4,000.00	4,400.00	0.00	0.00	0.00	0.00
305	611E04600	12" Conduit, Type C	5.00	FT	88.44	442.20	400.00	2,000.00	0.00	0.00	0.00	0.00
310	611E05900	15" Conduit, Type B	132.00	FT	86.21	11,379.72	92.00	12,144.00	0.00	0.00	0.00	0.00
315	611E07600	18" Conduit, Type C	2.00	FT	155.00	310.00	800.00	1,600.00	0.00	0.00	0.00	0.00
320	611E99574	Manhole, No. 3	1.00	EACH	3,422.00	3,422.00	3,500.00	3,500.00	0.00	0.00	0.00	0.00
325	611E99654	Manhole Adjusted To Grade	3.00	EACH	728.56	2,185.68	850.00	2,550.00	0.00	0.00	0.00	0.00
Sub-Total:						20,013.42		26,194.00				
Group: D		Pavement										
400	252E01000	Full Depth Rigid Pavement Removal And Flexible Replacement	9.00	SQYD	122.08	1,098.72	700.00	6,300.00	0.00	0.00	0.00	0.00
405	304E20000	Aggregate Base	336.00	CY	71.86	24,144.96	75.00	25,200.00	0.00	0.00	0.00	0.00
410	407E20001	Non-Tracking Tack Coat, As Per Plan	17.00	GAL	4.75	80.75	3.25	55.25	0.00	0.00	0.00	0.00
415	441E50000	Asphalt Concrete Surface Course, Type 1, (448), PG 64 -22	106.00	CY	306.41	32,479.46	315.00	33,390.00	0.00	0.00	0.00	0.00
420	441E50100	Asphalt Concrete Surface Course, Type 1, (448), PG 70 -22M	10.00	CY	437.23	4,372.30	1,875.00	18,750.00	0.00	0.00	0.00	0.00
425	441E50300	Asphalt Concrete Intermediat Course, Type 2, (448), Varia	14.00	CY	354.48	4,962.72	1,050.00	14,700.00	0.00	0.00	0.00	0.00
430	441E50400	Asphalt Concrete Surface Course, Type 1, (448), (Driveways)	11.00	CY	314.03	3,454.34	1,065.00	11,715.00	0.00	0.00	0.00	0.00
435	441E50600	Asphalt Concrete Intermdiate Course, Type 2 (448), (Drive	16.00	CY	332.61	5,321.76	590.00	9,440.00	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design
Refugee Rd 5.99 over Big Walnut Creek
Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
440	609E12000	Combination Curb And Gutter, Type 2	67.00	FT	38.03	2,548.01	50.00	3,350.00	0.00	0.00	0.00	0.00
445	609E24510	Curb, Type 4-C	36.00	FT	42.49	1,529.64	50.00	1,800.00	0.00	0.00	0.00	0.00
450	609E26000	Curb, Type 6	10.00	FT	51.50	515.00	55.00	550.00	0.00	0.00	0.00	0.00
Sub-Total:						80,507.66		125,250.25				
Group: E Water Work												
500	638E10800	Valve Box Adjusted To Grade	5.00	EACH	214.20	1,071.00	370.00	1,850.00	0.00	0.00	0.00	0.00
Sub-Total:						1,071.00		1,850.00				
Group: F Traffic Control												
600	621E00101	RPM, As Per Plan	12.00	EACH	193.37	2,320.45	175.00	2,100.00	0.00	0.00	0.00	0.00
605	621E54000	Raised Pavement Marker Removed	17.00	EACH	12.89	219.13	140.00	2,380.00	0.00	0.00	0.00	0.00
610	626E00102	Barrier Reflector, Type 1, Bidirectional	6.00	EACH	8.48	50.88	10.00	60.00	0.00	0.00	0.00	0.00
615	626E00110	Barrier Reflector, Type 2, Bidirectional	6.00	EACH	8.80	52.80	10.00	60.00	0.00	0.00	0.00	0.00
620	630E02100	Ground Mounted Support, No. 2 Post	31.50	FT	13.33	419.90	14.00	441.00	0.00	0.00	0.00	0.00
625	630E03100	Ground Mounted Support, No. 3 Post	13.00	FT	14.12	183.56	14.00	182.00	0.00	0.00	0.00	0.00
630	630E08600	Sign Post Reflector	1.00	EACH	48.78	48.78	65.00	65.00	0.00	0.00	0.00	0.00
635	630E80100	Sign, Flat Sheet	13.80	SF	26.67	368.05	23.00	317.40	0.00	0.00	0.00	0.00
640	630E84900	Removal Of Ground Mounted Sign And Disposal	2.00	EACH	14.33	28.66	25.00	50.00	0.00	0.00	0.00	0.00
645	630E86002	Removal Of Ground Mounted Post Support And Disposal	2.00	EACH	15.95	31.90	25.00	50.00	0.00	0.00	0.00	0.00
650	630E95000	Signing, Misc.: Trail Signag	1.00	LS	5,000.00	5,000.00	2,000.00	2,000.00	0.00	0.00	0.00	0.00
655	642E30000	Removal Of Pavement Marking	735.00	FT	4.07	2,991.45	1.75	1,286.25	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
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Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
660	642E00301	Center Line, Type 1, As Per Plan	0.30	MILE	3,587.97	1,076.39	5,148.00	1,544.40	0.00	0.00	0.00	0.00
665	645E00101	Edge Line, 5", Type A1, As P Plan	0.17	MILE	5,233.53	889.70	50,830.00	8,641.10	0.00	0.00	0.00	0.00
670	645E00201	Lane Line, 5", Type A1, As P Plan	0.15	MILE	2,451.27	367.69	34,180.00	5,127.00	0.00	0.00	0.00	0.00
675	645E00301	Center Line, Type A1, As Per Plan	0.09	MILE	7,571.44	681.43	68,451.00	6,160.59	0.00	0.00	0.00	0.00
680	644E00500	Stop Line	15.00	FT	8.98	134.70	15.50	232.50	0.00	0.00	0.00	0.00
Sub-Total:						14,865.47		30,697.24				

Group: G		Traffic Signals										
700	611E00400	4" Conduit, Type E, Schedule 40 PVC	60.00	FT	13.72	823.20	55.00	3,300.00	0.00	0.00	0.00	0.00
705	625E25500	Conduit, 3", 725.04	1,300.00	FT	19.55	25,415.00	48.00	62,400.00	0.00	0.00	0.00	0.00
710	625E29001	Trench, As Per Plan	200.00	FT	10.83	2,166.00	25.00	5,000.00	0.00	0.00	0.00	0.00
715	625E31600	Pull Box, Misc.: 27" Pull Bo (COC Std. Dwg. No. 4022)	4.00	EA	1,770.03	7,080.12	2,200.00	8,800.00	0.00	0.00	0.00	0.00
720	625E33000	Structure Grounding System	1.00	EA	3,961.07	3,961.07	8,500.00	8,500.00	0.00	0.00	0.00	0.00
725	632E40500	Signal Cable, 5 Conductor, N 14 Awg	1,300.00	FT	2.29	2,977.00	3.00	3,900.00	0.00	0.00	0.00	0.00
Sub-Total:						42,422.39		91,900.00				

Group: H		Structure										
800	202E11203	Portions Of Structure Removed, Over 20 Foot Span, As Per Pla	1.00	LS	150,000.00	150,000.00	130,000.00	130,000.00	0.00	0.00	0.00	0.00
802	503E21300	Unclassified Excavation	1.00	LS	7,492.00	7,492.00	25,000.00	25,000.00	0.00	0.00	0.00	0.00
804	509E10000	Epoxy Coated Reinforcing Steel	77,445.00	LB	1.27	98,200.26	1.25	96,806.25	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
Contract No: 1-21

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
806	509E10001	Epoxy Coated Reinforcing Steel, As Per Plan	508.00	LB	1.03	523.24	1.35	685.80	0.00	0.00	0.00	0.00
808	510E10000	Dowel Holes With Nonshrick, Nonmetallic Grout	1,586.00	EACH	13.30	21,093.80	16.00	25,376.00	0.00	0.00	0.00	0.00
810	511E34412	Class QC2 Concrete With QC/QA, Superstructure	208.00	CY	832.65	173,191.20	775.00	161,200.00	0.00	0.00	0.00	0.00
812	511E45710	Class QC1 Concrete, Abutment	51.00	CY	950.00	48,450.00	850.00	43,350.00	0.00	0.00	0.00	0.00
814	512E10050	Sealing Of Concrete Surfaces	629.00	SY	8.13	5,113.77	10.00	6,290.00	0.00	0.00	0.00	0.00
816	512E10400	Treating Of Concrete Bridge Deck With SRS	1,474.00	SY	9.50	14,003.00	7.00	10,318.00	0.00	0.00	0.00	0.00
818	512E33000	Type 2 Waterproofing	5.00	SY	36.58	182.90	70.00	350.00	0.00	0.00	0.00	0.00
820	513E10261	Structural Steel Members, Level 3, As Per Plan	117,612.00	LB	3.13	368,125.56	2.50	294,030.00	0.00	0.00	0.00	0.00
822	513E10301	Structural Steel Members, Level 5, As Per Plan	42,311.00	LB	2.65	112,124.15	5.55	234,826.05	0.00	0.00	0.00	0.00
824	513E20000	Welded Stud Shear Connectors	1,758.00	EACH	3.25	5,713.50	4.75	8,350.50	0.00	0.00	0.00	0.00
826	514E00050	Surface Preparation Of Existing Structural Steel	12,071.00	SF	13.93	168,149.03	10.10	121,917.10	0.00	0.00	0.00	0.00
828	514E00056	Field Painting Of Existing Structural Steel, Prime Coat	12,071.00	SF	3.50	42,248.50	4.04	48,766.84	0.00	0.00	0.00	0.00
830	514E00060	Field Painting Structural St Intermediate Coat	16,347.00	SF	3.68	60,156.96	2.78	45,444.66	0.00	0.00	0.00	0.00
832	514E00066	Field Painting Structural St Finish Coat	16,347.00	SF	3.08	50,348.76	1.52	24,847.44	0.00	0.00	0.00	0.00
834	514E00504	Grinding Fins, Tears, Sliver On Existing Structural Steel	18.00	MNHR	118.07	2,125.26	151.52	2,727.36	0.00	0.00	0.00	0.00
836	514E10000	Final Inspection Repair	18.00	EACH	238.26	4,288.68	202.02	3,636.36	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design
Refugee Rd 5.99 over Big Walnut Creek
Bid Tabulation

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Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
838	516E11210	Structural Expansion Joint Including Elstomeric Strip S	125.00	FT	356.88	44,610.00	645.00	80,625.00	0.00	0.00	0.00	0.00
840	516E12310	Sidewalk Cover Plate	613.00	LB	5.00	3,065.00	6.60	4,045.80	0.00	0.00	0.00	0.00
842	516E13600	1" Prefomed Expansion Joint Filler	80.00	SF	6.00	480.00	8.00	640.00	0.00	0.00	0.00	0.00
844	516E46001	Bearing Device, Bolster, As Per Plan, Beam 7	1.00	EACH	3,500.00	3,500.00	4,150.00	4,150.00	0.00	0.00	0.00	0.00
846	516E46201	Bearing Device, Rocker, As Per Plan, Beam 7	3.00	EACH	3,500.00	10,500.00	3,700.00	11,100.00	0.00	0.00	0.00	0.00
848	516E46900	Bearing Device, Misc.: Expansion Bearing, Beam 1	3.00	EACH	10,000.00	30,000.00	3,750.00	11,250.00	0.00	0.00	0.00	0.00
850	516E46900	Bearing Device, Misc.: Fixed Bearing, Beam 1	1.00	EACH	5,000.00	5,000.00	3,750.00	3,750.00	0.00	0.00	0.00	0.00
852	517E74501	Railing, Concrete, As Per PI	224.67	FT	200.00	44,934.00	165.00	37,070.55	0.00	0.00	0.00	0.00
854	517E76300	Railing, Misc.: Deflector Parapet Type	224.67	FT	150.00	33,700.50	215.00	48,304.05	0.00	0.00	0.00	0.00
856	517E76300	Railing, Misc.: Pedestrian R With Three Steel Tube Railin	229.09	FT	220.00	50,399.80	215.00	49,254.35	0.00	0.00	0.00	0.00
858	518E21200	Porous Backfill With Geotext Fabric	15.00	CY	84.94	1,274.10	150.00	2,250.00	0.00	0.00	0.00	0.00
860	518E22300	Special - Steel Drip Strip	274.00	FT	10.34	2,833.16	12.00	3,288.00	0.00	0.00	0.00	0.00
862	518E40000	6" Perforated Corrugated Plastic Pipe	37.00	FT	7.06	261.22	20.00	740.00	0.00	0.00	0.00	0.00
864	518E40010	6" Non-Perforated Corrugated Plastic Pipe, Including Spec	27.00	FT	18.75	506.25	28.00	756.00	0.00	0.00	0.00	0.00
866	847E10200	Superplasticized Dense Concrete Overlay	917.00	SY	90.00	82,530.00	126.00	115,542.00	0.00	0.00	0.00	0.00
868	847E20201	Superplasticized Dense Concrete Overlay (Variable	5.00	CY	800.00	4,000.00	235.00	1,175.00	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

Refugee Rd 5.99 over Big Walnut Creek

Bid Tabulation

Project Number: 2020-07
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Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Kokosing Constr. Co., Inc. 6235 Westerville Road Westerville, OH 43081
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Thickness)										
870	847E30000	Test Slab	1.00	LS	1,250.00	1,250.00	3,000.00	3,000.00	0.00	0.00	0.00	0.00
872	847E30301	Wearing Course Removed, Asphalt, As Per Plan	1,342.00	SY	30.00	40,260.00	10.25	13,755.50	0.00	0.00	0.00	0.00
874	847E50000	Hand Chipping	92.00	SY	129.45	11,909.40	290.00	26,680.00	0.00	0.00	0.00	0.00
Sub-Total:						1,702,544.00		1,701,298.61				

Group:		Maintenance Of Traffic										
900	410E12000	Traffic Compacted Surface, Type A Or B	100.00	CY	30.00	3,000.00	12.00	1,200.00	0.00	0.00	0.00	0.00
905	607E98000	Fence, Misc.: Work Zone Fence, Type Clt	304.00	FT	30.00	9,120.00	14.50	4,408.00	0.00	0.00	0.00	0.00
910	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A P	160.00	HOUR	81.11	12,977.00	95.00	15,200.00	0.00	0.00	0.00	0.00
915	614E11500	Worksite Traffic Supervisor	6.00	MNTH	2,875.64	17,253.84	5,000.00	30,000.00	0.00	0.00	0.00	0.00
920	614E11630	Increased Barrier Delineatio	3,910.00	FT	1.13	4,418.30	0.30	1,173.00	0.00	0.00	0.00	0.00
925	614E12338	Work Zone Impact Attenuator (Bidirectional)	9.00	EACH	1,963.17	17,668.53	1,500.00	13,500.00	0.00	0.00	0.00	0.00
930	614E13000	Asphalt Concrete For Maintaining Traffic	100.00	CY	204.17	20,417.00	50.00	5,000.00	0.00	0.00	0.00	0.00
935	614E13360	Object Marker, Two Way	79.00	EACH	13.09	1,034.11	16.00	1,264.00	0.00	0.00	0.00	0.00
940	614E21200	Work Zone Lane Line, Class I 6", 740.06, Type I	0.17	MILE	12,389.59	2,106.23	8,000.00	1,360.00	0.00	0.00	0.00	0.00
945	614E22200	Work Zone Edge Line, Class I 4", 740.06, Type Ii	0.45	MILE	6,751.27	3,038.07	7,500.00	3,375.00	0.00	0.00	0.00	0.00
950	614E23400	Work Zone Channelizing Line, Class I, 8", 740.06, Type I	100.00	FT	2.49	249.00	5.50	550.00	0.00	0.00	0.00	0.00
955	614E30400	Work Zone Arrow, Class I, 740.06, Type I	1.00	EACH	218.31	218.31	280.00	280.00	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design Refugee Rd 5.99 over Big Walnut Creek Bid Tabulation

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Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
960	616E10000	Water	17.00	MGAL	34.24	582.08	130.00	2,210.00	0.00	0.00	0.00	0.00
965	622E41000	Portable Barrier, 32"	4,190.00	FT	11.02	46,173.80	5.00	20,950.00	0.00	0.00	0.00	0.00
Sub-Total:						138,256.27		100,470.00				

Group:		J	Incidentals									
1000	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	20,000.00	20,000.00	13,000.00	13,000.00	0.00	0.00	0.00	0.00
1005	108E10000	Special - Cpm Progress Schedule, Type B	1.00	LS	15,000.00	15,000.00	5,000.00	5,000.00	0.00	0.00	0.00	0.00
1010	614E11000	Maintaining Traffic	1.00	LS	60,000.00	60,000.00	115,000.00	115,000.00	0.00	0.00	0.00	0.00
1015	619E16011	Field Office, Type B, As Per Plan	6.00	MNTH	2,158.34	12,950.04	12,000.00	72,000.00	0.00	0.00	0.00	0.00
1020	623E10000	Construction Layout Stakes And Surveying	1.00	LS	20,000.00	20,000.00	14,000.00	14,000.00	0.00	0.00	0.00	0.00
1025	624E10000	Mobilization	1.00	LS	100,000.00	100,000.00	100,000.00	100,000.00	0.00	0.00	0.00	0.00
1030	SPECIAL-032	Contingency, As Per Proposal Note	150,000.00	DOLL	1.00	150,000.00	1.00	150,000.00	0.00	0.00	0.00	0.00
1035	SPECIAL-031	Asphalt, Fuel, & Steel Price Adjustment Allowance, As Per PN	100,000.00	DOLL	1.00	100,000.00	1.00	100,000.00	0.00	0.00	0.00	0.00
Sub-Total:						477,950.04		569,000.00				
Grand Total:						2,785,652.79		2,946,419.70				

Total Bid:	2,785,652.79	2,946,419.70	
Calc/Entered Bid Diff.:		2,946,419.70	
Difference from Low Vendor:		357,038.87	
Total Subcontractors:			