

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

Project Number: 2021-19
Contract No:
Specifications:

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Eagle Bridge Co. P.O. Box 59 Sidney, OH 45365	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469
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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	5,000.00	5,000.00	3,500.00	3,500.00	8,000.00	8,000.00	4,300.00	4,300.00
105	202E38000	Guardrail Removed	300.00	FT	3.00	900.00	2.80	840.00	2.80	840.00	3.00	900.00
110	203E10000	Excavation	906.00	CY	20.00	18,120.00	20.00	18,120.00	27.00	24,462.00	27.00	24,462.00
115	203E20000	Embankment	258.00	CY	24.00	6,192.00	16.00	4,128.00	15.00	3,870.00	13.00	3,354.00
120	204E10000	Subgrade Compaction	752.00	SQYD	3.44	2,586.88	5.00	3,760.00	5.00	3,760.00	6.00	4,512.00
125	204E13001	Excavation Of Subgrade, As Per Plan	104.00	CY	17.00	1,768.00	16.00	1,664.00	18.00	1,872.00	40.00	4,160.00
130	204E20002	Embankment, Using Item 304, As Per Plan	61.00	CY	52.00	3,172.00	38.00	2,318.00	53.00	3,233.00	77.00	4,697.00
135	204E20003	Embankment, Using #2 Stone, As Per Plan	43.00	CY	75.00	3,225.00	38.00	1,634.00	45.00	1,935.00	84.00	3,612.00
140	204E50001	Geotextile Fabric, As Per PI	156.00	SQYD	3.00	468.00	1.00	156.00	1.50	234.00	4.00	624.00
145	204E51001	Geogrid For Subbase Stabilization, As Per Plan	156.00	SQYD	4.00	624.00	3.50	546.00	2.00	312.00	4.00	624.00
150	606E15050	Guardrail, Type MGS	275.00	FT	25.00	6,875.00	22.50	6,187.50	22.50	6,187.50	24.00	6,600.00
155	606E26150	Anchor Assembly, MGS Type E	3.00	EA	2,800.00	8,400.00	2,550.00	7,650.00	2,550.00	7,650.00	2,700.00	8,100.00
160	606E26550	Anchor Assembly, MGS Type T	1.00	EA	1,300.00	1,300.00	1,250.00	1,250.00	1,250.00	1,250.00	1,300.00	1,300.00
165	606E35002	MGS Bridge Terminal Assembly, Type 1	4.00	EA	2,600.00	10,400.00	2,400.00	9,600.00	2,400.00	9,600.00	2,500.00	10,000.00
170	606E98100	Guardrail, Misc.: Hydro-Excavating Guardrail Posts	15.00	EA	500.00	7,500.00	110.00	1,650.00	110.00	1,650.00	116.00	1,740.00
175	606E98100	Guardrail, Misc.: Short Guardrail Posts Set In Concrete	15.00	EA	500.00	7,500.00	55.00	825.00	55.00	825.00	58.00	870.00
180	203E98600	Roadway, Misc.: Hydro-Excavating Utility Exposure	5.00	EA	1,000.00	5,000.00	850.00	4,250.00	400.00	2,000.00	675.00	3,375.00

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		AT&T										
185	606E98100	Guardrail, Misc.: Hydro-Excavating Guardrail Posts - AT&T	25.00	EA	500.00	12,500.00	110.00	2,750.00	110.00	2,750.00	120.00	3,000.00
190	606E98100	Guardrail, Misc.: Short Guardrail Posts Set In Concrete-AT&T	25.00	EA	500.00	12,500.00	55.00	1,375.00	55.00	1,375.00	60.00	1,500.00
195	203E98500	Roadway, Misc.: Supporting Duct Bank - AT&T	1.00	LS	20,000.00	20,000.00	6,500.00	6,500.00	1,000.00	1,000.00	3,600.00	3,600.00
Sub-Total:						134,030.88		78,703.50		82,805.50		91,330.00

Group: B		EROSION CONTROL										
200	601E32204	Rock Channel Protection, Typ C With Fabric Filter	32.00	CY	100.00	3,200.00	95.00	3,040.00	120.00	3,840.00	140.00	4,480.00
205	659E10001	Seeding And Mulching, As Per Plan	2,797.00	SQYD	2.75	7,691.75	2.50	6,992.50	5.00	13,985.00	1.40	3,915.80
210	659E35001	Water, As Per Plan	15.00	MGAL	2.00	30.00	150.00	2,250.00	17.00	255.00	230.00	3,450.00
215	832E30000	Erosion Control	5,000.00	EA	1.00	5,000.00	1.00	5,000.00	1.00	5,000.00	1.00	5,000.00
Sub-Total:						15,921.75		17,282.50		23,080.00		16,845.80

Group: C		DRAINAGE										
220	605E05100	4" Shallow Pipe Underdrains	405.00	FT	12.00	4,860.00	11.00	4,455.00	9.00	3,645.00	17.00	6,885.00
225	611E00101	4" Conduit, Type B, As Per Plan	50.00	FT	20.00	1,000.00	7.00	350.00	7.00	350.00	20.00	1,000.00
230	611E00201	4" Conduit, Type C, As Per Plan	50.00	FT	17.00	850.00	6.00	300.00	6.00	300.00	20.00	1,000.00
235	611E00901	6" Conduit, Type B, As Per Plan	50.00	FT	25.00	1,250.00	8.00	400.00	8.00	400.00	30.00	1,500.00
240	611E01101	6" Conduit, Type C, As Per Plan	50.00	FT	21.00	1,050.00	7.00	350.00	7.00	350.00	25.00	1,250.00
245	611E01801	8" Conduit, Type B, As Per Plan	50.00	FT	43.00	2,150.00	12.00	600.00	9.00	450.00	37.00	1,850.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Plan										
250	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	30.00	1,500.00	10.00	500.00	8.00	400.00	32.00	1,600.00
255	611E99710	Precast Reinforced Concrete Outlet	4.00	EA	300.00	1,200.00	225.00	900.00	425.00	1,700.00	290.00	1,160.00
Sub-Total:						13,860.00		7,855.00		7,595.00		16,245.00

Group: D		PAVEMENT										
260	254E01000	Pavement Planing, Asphalt Concrete	95.00	SOYD	6.00	570.00	23.50	2,232.50	23.50	2,232.50	50.00	4,750.00
265	301E46000	301 Asphalt Concrete Base, Pg64-22	169.00	CY	224.08	37,869.52	186.00	31,434.00	186.00	31,434.00	175.00	29,575.00
270	304E20000	304 Aggregate Base	127.00	CY	80.00	10,160.00	95.00	12,065.00	95.00	12,065.00	100.00	12,700.00
275	304E20001	304 Aggregate Base, As Per Plan	11.00	CY	80.00	880.00	140.00	1,540.00	95.00	1,045.00	130.00	1,430.00
280	407E10000	Tack Coat	105.00	GAL	2.93	307.65	4.50	472.50	4.50	472.50	2.25	236.25
285	441E50000	Asphalt Concrete Surface Course, Type1, (448), PG64-22	28.00	CY	350.00	9,800.00	300.00	8,400.00	300.00	8,400.00	320.00	8,960.00
290	441E50001	Asphalt Concrete Surface Course, Type 1, (448), APP	4.00	CY	350.00	1,400.00	300.00	1,200.00	300.00	1,200.00	500.00	2,000.00
295	441E50300	Asphalt Concrete Intermediat Course, Type2, (448)	24.00	CY	375.00	9,000.00	280.00	6,720.00	280.00	6,720.00	315.00	7,560.00
Sub-Total:						69,987.17		64,064.00		63,569.00		67,211.25

Group: E		WATER WORK										
300	638E10400	Fire Hydrant Adjusted To Grade	1.00	EA	1,289.31	1,289.31	1,250.00	1,250.00	600.00	600.00	1,750.00	1,750.00
305	638E10800	Valve Box Adjusted To Grade	1.00	EA	216.29	216.29	400.00	400.00	250.00	250.00	550.00	550.00
Sub-Total:						1,505.60		1,650.00		850.00		2,300.00

Group: F		TRAFFIC CONTROL										
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Franklin County Engineer's Office - Bridge Design

Winchester Pike 0.87 over Georges Creek

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
310	620E00500	Delineator, Post Mounted	3.00	EA	65.31	195.93	65.00	195.00	125.00	375.00	53.00	159.00
315	621E00101	RPM, As Per Plan	3.00	EA	50.00	150.00	961.00	2,883.00	1,150.00	3,450.00	690.00	2,070.00
320	626E00110	Barrier Reflector, Type 2	10.00	EA	8.53	85.30	9.50	95.00	9.50	95.00	10.00	100.00
325	630E03101	Ground Mounted Support, No. 3 Post, As Per Plan	22.00	FT	14.00	308.00	15.00	330.00	15.00	330.00	16.00	352.00
330	630E85100	Removal Of Ground Mounted Sign And Reerection	2.00	EA	57.05	114.10	60.00	120.00	60.00	120.00	64.00	128.00
335	630E86002	Removal Of Ground Mounted Post Support And Disposal	2.00	EA	18.57	37.14	20.00	40.00	20.00	40.00	21.00	42.00
340	644E00105	Edge Line, 6", As Per Plan	0.07	MILE	6,695.57	468.69	7,515.00	526.05	7,515.00	526.05	42,000.00	2,940.00
345	644E00301	Center Line, 6", As Per Plan	0.04	MILE	11,000.00	440.00	12,452.00	498.08	12,452.00	498.08	84,000.00	3,360.00
350	646E10011	Edge Line, 6", As Per Plan	0.05	MILE	34,505.60	1,725.28	46,811.00	2,340.55	46,811.00	2,340.55	33,000.00	1,650.00
355	646E10201	Center Line, As Per Plan	0.03	MILE	50,000.00	1,500.00	78,950.00	2,368.50	78,950.00	2,368.50	65,000.00	1,950.00
Sub-Total:						5,024.44		9,396.18		10,143.18		12,751.00

Group: G		STRUCTURE OVER 20' SPAN										
360	202E11002	Structure Removed, Over 20 Foot Span	1.00	LS	50,000.00	50,000.00	22,000.00	22,000.00	70,000.00	70,000.00	60,000.00	60,000.00
361	202E23500	Wearing Course Removed	312.00	SQYD	5.00	1,560.00	15.00	4,680.00	12.00	3,744.00	21.00	6,552.00
365	503E11100	Cofferdams And Excavation Bracing	1.00	LS	30,000.00	30,000.00	27,500.00	27,500.00	16,000.00	16,000.00	30,000.00	30,000.00
370	503E21300	Unclassified Excavation	1.00	LS	8,000.00	8,000.00	22,500.00	22,500.00	35,000.00	35,000.00	25,000.00	25,000.00
375	505E11100	Pile Driving Equipment Mobilization	1.00	LS	15,000.00	15,000.00	25,000.00	25,000.00	32,000.00	32,000.00	15,000.00	15,000.00
380	507E00500	12" Cast-in-place Reinforced Concrete Piles, Driven	800.00	FT	45.00	36,000.00	5.00	4,000.00	38.00	30,400.00	34.00	27,200.00
385	507E00550	12" Cast-in-place Reinforced Concrete Piles, Furnished	880.00	FT	100.00	88,000.00	70.00	61,600.00	58.00	51,040.00	43.00	37,840.00
390	507E00700	16" Cast-in-place Reinforced	720.00	FT	60.00	43,200.00	7.00	5,040.00	48.00	34,560.00	45.00	32,400.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Concrete Piles, Driven										
395	507E00750	16" Cast-in-place Reinforced Concrete Piles, Furnished	780.00	FT	130.00	101,400.00	130.00	101,400.00	114.00	88,920.00	88.00	68,640.00
400	509E10000	Epoxy Coated Reinforcing Steel	66,913.00	LB	3.00	200,739.00	1.40	93,678.20	1.45	97,023.85	1.60	107,060.80
405	511E33312	Class QC2 Concrete With QA/QC, Superstructure	284.00	CY	950.00	269,800.00	825.00	234,300.00	840.00	238,560.00	900.00	255,600.00
410	511E43511	Class QC1 Concrete, Abutment Incl Footing, APP	64.00	CY	800.00	51,200.00	825.00	52,800.00	780.00	49,920.00	1,350.00	86,400.00
415	512E10050	Sealing Of Concrete Surfaces (non-epoxy)	106.00	SQYD	10.36	1,098.16	13.00	1,378.00	13.00	1,378.00	13.50	1,431.00
420	512E10400	Treating Of Concrete Bridge Deck With Srs	435.00	SQYD	7.94	3,453.90	8.50	3,697.50	8.50	3,697.50	8.50	3,697.50
425	516E14014	Integral Abutment Expansion Joint Seal	106.00	FT	30.00	3,180.00	32.50	3,445.00	25.00	2,650.00	35.00	3,710.00
430	517E70000	Railing (Twin Steel Tube)	225.00	FT	175.00	39,375.00	254.00	57,150.00	270.00	60,750.00	270.00	60,750.00
435	518E21200	Porous Backfill With Geotext Fabric	30.00	CY	120.00	3,600.00	115.00	3,450.00	120.00	3,600.00	110.00	3,300.00
440	518E22300	Special - Steel Drip Strip	259.00	FT	10.34	2,678.06	15.00	3,885.00	18.00	4,662.00	14.00	3,626.00
445	518E40000	6" Perforated Corrugated Plastic Pipe	109.00	FT	10.00	1,090.00	10.00	1,090.00	15.00	1,635.00	5.00	545.00
450	518E40011	6" Non-perforated Corrugated Plastic Pipe, Incl Spec,APP	36.00	FT	20.00	720.00	20.00	720.00	20.00	720.00	10.00	360.00
455	523E20001	Dynamic Load Testing, As Per Plan	8.00	EA	3,500.00	28,000.00	3,000.00	24,000.00	3,000.00	24,000.00	4,450.00	35,600.00
460	523E20501	Restrike, As Per Plan	8.00	EA	1,150.00	9,200.00	1,000.00	8,000.00	1,000.00	8,000.00	800.00	6,400.00
465	526E10000	Reinforced Concrete Approach Slabs (t=12")	120.00	SQYD	275.00	33,000.00	255.00	30,600.00	290.00	34,800.00	400.00	48,000.00
470	526E90010	Type A Installation	75.00	FT	122.08	9,156.00	140.00	10,500.00	195.00	14,625.00	165.00	12,375.00

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475	846E00110	Polymer Modified Asphalt Expansion Joint System	31.00	CF	300.00	9,300.00	521.00	16,151.00	560.00	17,360.00	500.00	15,500.00
Sub-Total:						1,038,750.12		818,564.70		925,045.35		946,987.30

Group: H		MAINTENANCE OF TRAFFIC										
480	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A	48.00	HR	79.00	3,792.00	70.00	3,360.00	60.00	2,880.00	75.00	3,600.00
485	614E12420	Detour Signing	1.00	LS	5,000.00	5,000.00	8,500.00	8,500.00	10,000.00	10,000.00	6,400.00	6,400.00
490	614E18601	Portable Changeable Message Sign, As Per Plan	6.00	SNMT	1,085.00	6,510.00	700.00	4,200.00	600.00	3,600.00	750.00	4,500.00
495	616E10000	Water	5.00	MGAL	22.06	110.30	10.00	50.00	50.00	250.00	93.00	465.00
Sub-Total:						15,412.30		16,110.00		16,730.00		14,965.00

Group: I		INCIDENTALS										
500	614E11000	Maintaining Traffic	1.00	LS	10,000.00	10,000.00	2,500.00	2,500.00	3,000.00	3,000.00	7,500.00	7,500.00
505	619E16011	Field Office, Type B, As Per Plan	6.00	MO	1,800.00	10,800.00	1,800.00	10,800.00	2,000.00	12,000.00	3,300.00	19,800.00
510	623E10000	Construction Layout Stakes And Surveying	1.00	LS	14,636.52	14,636.52	10,000.00	10,000.00	14,000.00	14,000.00	12,500.00	12,500.00
515	624E10000	Mobilization	1.00	LS	24,394.21	24,394.21	40,000.00	40,000.00	60,000.00	60,000.00	40,000.00	40,000.00
520	SPECIAL-036	Asphalt, Fuel, & Steel Price Adjustment, As Per Plan	10,000.00	LS	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
525	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	19,515.37	19,515.37	20,000.00	20,000.00	9,000.00	9,000.00	8,500.00	8,500.00
530	SPECIAL-032	Contingency, As Per Proposal Note	103,000.00	DOLL	1.00	103,000.00	1.00	103,000.00	1.00	103,000.00	1.00	103,000.00
Sub-Total:						192,346.10		196,300.00		211,000.00		201,300.00
Grand Total:						1,486,838.36		1,209,925.88		1,340,818.03		1,369,935.35

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		Total Bid:				1,486,838.36		1,209,925.88		1,340,818.03		1,369,935.35
		Total Alternate Package:										
		Total Award:				1,486,838.36		1,209,925.88		1,340,818.03		1,369,935.35
		Calc/Entered Bid Diff.:						1,209,925.88		1,340,818.03		1,369,935.35
		Difference from Low Vendor:								130,892.15		160,009.47
		Total Subcontractors:										

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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	5,000.00	5,000.00	20,000.00	20,000.00	5,000.00	5,000.00	0.00	0.00
105	202E38000	Guardrail Removed	300.00	FT	3.00	900.00	3.00	900.00	3.00	900.00	0.00	0.00
110	203E10000	Excavation	906.00	CY	20.00	18,120.00	20.00	18,120.00	25.00	22,650.00	0.00	0.00
115	203E20000	Embankment	258.00	CY	24.00	6,192.00	28.00	7,224.00	25.00	6,450.00	0.00	0.00
120	204E10000	Subgrade Compaction	752.00	SQYD	3.44	2,586.88	3.50	2,632.00	5.00	3,760.00	0.00	0.00
125	204E13001	Excavation Of Subgrade, As Per Plan	104.00	CY	17.00	1,768.00	28.00	2,912.00	23.00	2,392.00	0.00	0.00
130	204E20002	Embankment, Using Item 304, As Per Plan	61.00	CY	52.00	3,172.00	88.00	5,368.00	45.00	2,745.00	0.00	0.00
135	204E20003	Embankment, Using #2 Stone, As Per Plan	43.00	CY	75.00	3,225.00	100.00	4,300.00	34.00	1,462.00	0.00	0.00
140	204E50001	Geotextile Fabric, As Per PI	156.00	SQYD	3.00	468.00	3.00	468.00	2.00	312.00	0.00	0.00
145	204E51001	Geogrid For Subbase Stabilization, As Per Plan	156.00	SQYD	4.00	624.00	5.00	780.00	4.00	624.00	0.00	0.00
150	606E15050	Guardrail, Type MGS	275.00	FT	25.00	6,875.00	29.70	8,167.50	22.50	6,187.50	0.00	0.00
155	606E26150	Anchor Assembly, MGS Type E	3.00	EA	2,800.00	8,400.00	3,280.00	9,840.00	2,550.00	7,650.00	0.00	0.00
160	606E26550	Anchor Assembly, MGS Type T	1.00	EA	1,300.00	1,300.00	1,390.00	1,390.00	1,250.00	1,250.00	0.00	0.00
165	606E35002	MGS Bridge Terminal Assembly, Type 1	4.00	EA	2,600.00	10,400.00	3,300.00	13,200.00	2,400.00	9,600.00	0.00	0.00
170	606E98100	Guardrail, Misc.: Hydro-Excavating Guardrail Posts	15.00	EA	500.00	7,500.00	120.00	1,800.00	110.00	1,650.00	0.00	0.00
175	606E98100	Guardrail, Misc.: Short Guardrail Posts Set In Concrete	15.00	EA	500.00	7,500.00	90.00	1,350.00	55.00	825.00	0.00	0.00
180	203E98600	Roadway, Misc.: Hydro-Excavating Utility Exposure	5.00	EA	1,000.00	5,000.00	150.00	750.00	250.00	1,250.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

Project Number: 2021-19
Contract No:
Specifications:

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Complete General 1221 East Fifth Ave Columbus, OH 43219	George J. Igel Co., Inc. 2040 Alum Creek Dr Columbus, OH 43207
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		AT&T										
185	606E98100	Guardrail, Misc.: Hydro-Excavating Guardrail Posts - AT&T	25.00	EA	500.00	12,500.00	120.00	3,000.00	110.00	2,750.00	0.00	0.00
190	606E98100	Guardrail, Misc.: Short Guardrail Posts Set In Concrete-AT&T	25.00	EA	500.00	12,500.00	90.00	2,250.00	55.00	1,375.00	0.00	0.00
195	203E98500	Roadway, Misc.: Supporting Duct Bank - AT&T	1.00	LS	20,000.00	20,000.00	500.00	500.00	720.00	720.00	0.00	0.00
Sub-Total:						134,030.88		104,951.50		79,552.50		

Group: B		EROSION CONTROL										
200	601E32204	Rock Channel Protection, Typ C With Fabric Filter	32.00	CY	100.00	3,200.00	120.00	3,840.00	140.00	4,480.00	0.00	0.00
205	659E10001	Seeding And Mulching, As Per Plan	2,797.00	SQYD	2.75	7,691.75	2.70	7,551.90	5.00	13,985.00	0.00	0.00
210	659E35001	Water, As Per Plan	15.00	MGAL	2.00	30.00	17.00	255.00	17.00	255.00	0.00	0.00
215	832E30000	Erosion Control	5,000.00	EA	1.00	5,000.00	1.00	5,000.00	1.00	5,000.00	0.00	0.00
Sub-Total:						15,921.75		16,646.90		23,720.00		

Group: C		DRAINAGE										
220	605E05100	4" Shallow Pipe Underdrains	405.00	FT	12.00	4,860.00	22.00	8,910.00	12.00	4,860.00	0.00	0.00
225	611E00101	4" Conduit, Type B, As Per Plan	50.00	FT	20.00	1,000.00	21.00	1,050.00	26.00	1,300.00	0.00	0.00
230	611E00201	4" Conduit, Type C, As Per Plan	50.00	FT	17.00	850.00	20.00	1,000.00	21.00	1,050.00	0.00	0.00
235	611E00901	6" Conduit, Type B, As Per Plan	50.00	FT	25.00	1,250.00	22.00	1,100.00	30.00	1,500.00	0.00	0.00
240	611E01101	6" Conduit, Type C, As Per Plan	50.00	FT	21.00	1,050.00	21.00	1,050.00	25.00	1,250.00	0.00	0.00
245	611E01801	8" Conduit, Type B, As Per Plan	50.00	FT	43.00	2,150.00	25.00	1,250.00	35.00	1,750.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

Project Number: 2021-19
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Plan										
250	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	30.00	1,500.00	26.00	1,300.00	30.00	1,500.00	0.00	0.00
255	611E99710	Precast Reinforced Concrete Outlet	4.00	EA	300.00	1,200.00	290.00	1,160.00	340.00	1,360.00	0.00	0.00
Sub-Total:						13,860.00		16,820.00		14,570.00		

Group: D		PAVEMENT										
260	254E01000	Pavement Planing, Asphalt Concrete	95.00	SOYD	6.00	570.00	23.50	2,232.50	23.50	2,232.50	0.00	0.00
265	301E46000	301 Asphalt Concrete Base, Pg64-22	169.00	CY	224.08	37,869.52	186.00	31,434.00	186.00	31,434.00	0.00	0.00
270	304E20000	304 Aggregate Base	127.00	CY	80.00	10,160.00	94.00	11,938.00	80.00	10,160.00	0.00	0.00
275	304E20001	304 Aggregate Base, As Per Plan	11.00	CY	80.00	880.00	115.00	1,265.00	60.00	660.00	0.00	0.00
280	407E10000	Tack Coat	105.00	GAL	2.93	307.65	4.50	472.50	4.50	472.50	0.00	0.00
285	441E50000	Asphalt Concrete Surface Course, Type1, (448), PG64-22	28.00	CY	350.00	9,800.00	300.00	8,400.00	300.00	8,400.00	0.00	0.00
290	441E50001	Asphalt Concrete Surface Course, Type 1, (448), APP	4.00	CY	350.00	1,400.00	300.00	1,200.00	300.00	1,200.00	0.00	0.00
295	441E50300	Asphalt Concrete Intermediat Course, Type2, (448)	24.00	CY	375.00	9,000.00	280.00	6,720.00	280.00	6,720.00	0.00	0.00
Sub-Total:						69,987.17		63,662.00		61,279.00		

Group: E		WATER WORK										
300	638E10400	Fire Hydrant Adjusted To Grade	1.00	EA	1,289.31	1,289.31	1,500.00	1,500.00	1,350.00	1,350.00	0.00	0.00
305	638E10800	Valve Box Adjusted To Grade	1.00	EA	216.29	216.29	350.00	350.00	400.00	400.00	0.00	0.00
Sub-Total:						1,505.60		1,850.00		1,750.00		

Group: F		TRAFFIC CONTROL										
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Franklin County Engineer's Office - Bridge Design

Winchester Pike 0.87 over Georges Creek

Bid Tabulation

Project Number: 2021-19
Contract No:
Specifications:

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Complete General 1221 East Fifth Ave Columbus, OH 43219	George J. Igel Co., Inc. 2040 Alum Creek Dr Columbus, OH 43207
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
310	620E00500	Delineator, Post Mounted	3.00	EA	65.31	195.93	125.00	375.00	125.00	375.00	0.00	0.00
315	621E00101	RPM, As Per Plan	3.00	EA	50.00	150.00	1,300.00	3,900.00	1,150.00	3,450.00	0.00	0.00
320	626E00110	Barrier Reflector, Type 2	10.00	EA	8.53	85.30	13.00	130.00	9.50	95.00	0.00	0.00
325	630E03101	Ground Mounted Support, No. 3 Post, As Per Plan	22.00	FT	14.00	308.00	19.00	418.00	15.00	330.00	0.00	0.00
330	630E85100	Removal Of Ground Mounted Sign And Reerection	2.00	EA	57.05	114.10	55.00	110.00	60.00	120.00	0.00	0.00
335	630E86002	Removal Of Ground Mounted Post Support And Disposal	2.00	EA	18.57	37.14	35.00	70.00	20.00	40.00	0.00	0.00
340	644E00105	Edge Line, 6", As Per Plan	0.07	MILE	6,695.57	468.69	9,800.00	686.00	7,515.00	526.05	0.00	0.00
345	644E00301	Center Line, 6", As Per Plan	0.04	MILE	11,000.00	440.00	16,200.00	648.00	12,452.00	498.08	0.00	0.00
350	646E10011	Edge Line, 6", As Per Plan	0.05	MILE	34,505.60	1,725.28	61,000.00	3,050.00	46,811.00	2,340.55	0.00	0.00
355	646E10201	Center Line, As Per Plan	0.03	MILE	50,000.00	1,500.00	10,400.00	312.00	78,950.00	2,368.50	0.00	0.00
Sub-Total:						5,024.44		9,699.00		10,143.18		

Group:		G STRUCTURE OVER 20' SPAN										
360	202E11002	Structure Removed, Over 20 Foot Span	1.00	LS	50,000.00	50,000.00	150,000.00	150,000.00	127,500.00	127,500.00	0.00	0.00
361	202E23500	Wearing Course Removed	312.00	SQYD	5.00	1,560.00	18.00	5,616.00	18.00	5,616.00	0.00	0.00
365	503E11100	Cofferdams And Excavation Bracing	1.00	LS	30,000.00	30,000.00	10,000.00	10,000.00	43,000.00	43,000.00	0.00	0.00
370	503E21300	Unclassified Excavation	1.00	LS	8,000.00	8,000.00	20,000.00	20,000.00	35,000.00	35,000.00	0.00	0.00
375	505E11100	Pile Driving Equipment Mobilization	1.00	LS	15,000.00	15,000.00	15,000.00	15,000.00	20,000.00	20,000.00	0.00	0.00
380	507E00500	12" Cast-in-place Reinforced Concrete Piles, Driven	800.00	FT	45.00	36,000.00	12.00	9,600.00	42.00	33,600.00	0.00	0.00
385	507E00550	12" Cast-in-place Reinforced Concrete Piles, Furnished	880.00	FT	100.00	88,000.00	73.00	64,240.00	43.00	37,840.00	0.00	0.00
390	507E00700	16" Cast-in-place Reinforced	720.00	FT	60.00	43,200.00	15.00	10,800.00	63.00	45,360.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Concrete Piles, Driven										
395	507E00750	16" Cast-in-place Reinforced Concrete Piles, Furnished	780.00	FT	130.00	101,400.00	130.00	101,400.00	88.00	68,640.00	0.00	0.00
400	509E10000	Epoxy Coated Reinforcing Steel	66,913.00	LB	3.00	200,739.00	1.35	90,332.55	1.50	100,369.50	0.00	0.00
405	511E33312	Class QC2 Concrete With QA/QC, Superstructure	284.00	CY	950.00	269,800.00	850.00	241,400.00	1,000.00	284,000.00	0.00	0.00
410	511E43511	Class QC1 Concrete, Abutment Incl Footing, APP	64.00	CY	800.00	51,200.00	800.00	51,200.00	820.00	52,480.00	0.00	0.00
415	512E10050	Sealing Of Concrete Surfaces (non-epoxy)	106.00	SQYD	10.36	1,098.16	13.00	1,378.00	13.00	1,378.00	0.00	0.00
420	512E10400	Treating Of Concrete Bridge Deck With Srs	435.00	SQYD	7.94	3,453.90	8.50	3,697.50	8.50	3,697.50	0.00	0.00
425	516E14014	Integral Abutment Expansion Joint Seal	106.00	FT	30.00	3,180.00	40.00	4,240.00	25.00	2,650.00	0.00	0.00
430	517E70000	Railing (Twin Steel Tube)	225.00	FT	175.00	39,375.00	275.00	61,875.00	262.00	58,950.00	0.00	0.00
435	518E21200	Porous Backfill With Geotext Fabric	30.00	CY	120.00	3,600.00	105.00	3,150.00	145.00	4,350.00	0.00	0.00
440	518E22300	Special - Steel Drip Strip	259.00	FT	10.34	2,678.06	18.00	4,662.00	15.00	3,885.00	0.00	0.00
445	518E40000	6" Perforated Corrugated Plastic Pipe	109.00	FT	10.00	1,090.00	10.00	1,090.00	12.00	1,308.00	0.00	0.00
450	518E40011	6" Non-perforated Corrugated Plastic Pipe, Incl Spec,APP	36.00	FT	20.00	720.00	15.00	540.00	21.00	756.00	0.00	0.00
455	523E20001	Dynamic Load Testing, As Per Plan	8.00	EA	3,500.00	28,000.00	4,000.00	32,000.00	4,175.00	33,400.00	0.00	0.00
460	523E20501	Restrike, As Per Plan	8.00	EA	1,150.00	9,200.00	3,000.00	24,000.00	1,100.00	8,800.00	0.00	0.00
465	526E10000	Reinforced Concrete Approach Slabs (t=12")	120.00	SQYD	275.00	33,000.00	300.00	36,000.00	290.00	34,800.00	0.00	0.00
470	526E90010	Type A Installation	75.00	FT	122.08	9,156.00	200.00	15,000.00	170.00	12,750.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
475	846E00110	Polymer Modified Asphalt Expansion Joint System	31.00	CF	300.00	9,300.00	521.00	16,151.00	530.00	16,430.00	0.00	0.00
Sub-Total:						1,038,750.12		973,372.05		1,036,560.00		
Group: H MAINTENANCE OF TRAFFIC												
480	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A	48.00	HR	79.00	3,792.00	85.00	4,080.00	73.50	3,528.00	0.00	0.00
485	614E12420	Detour Signing	1.00	LS	5,000.00	5,000.00	10,000.00	10,000.00	6,500.00	6,500.00	0.00	0.00
490	614E18601	Portable Changeable Message Sign, As Per Plan	6.00	SNMT	1,085.00	6,510.00	1,200.00	7,200.00	620.00	3,720.00	0.00	0.00
495	616E10000	Water	5.00	MGAL	22.06	110.30	100.00	500.00	42.00	210.00	0.00	0.00
Sub-Total:						15,412.30		21,780.00		13,958.00		
Group: I INCIDENTALS												
500	614E11000	Maintaining Traffic	1.00	LS	10,000.00	10,000.00	12,000.00	12,000.00	5,000.00	5,000.00	0.00	0.00
505	619E16011	Field Office, Type B, As Per Plan	6.00	MO	1,800.00	10,800.00	2,500.00	15,000.00	3,500.00	21,000.00	0.00	0.00
510	623E10000	Construction Layout Stakes And Surveying	1.00	LS	14,636.52	14,636.52	9,000.00	9,000.00	7,500.00	7,500.00	0.00	0.00
515	624E10000	Mobilization	1.00	LS	24,394.21	24,394.21	40,000.00	40,000.00	40,000.00	40,000.00	0.00	0.00
520	SPECIAL-036	Asphalt, Fuel, & Steel Price Adjustment, As Per Plan	10,000.00	LS	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	0.00	0.00
525	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	19,515.37	19,515.37	10,000.00	10,000.00	7,500.00	7,500.00	0.00	0.00
530	SPECIAL-032	Contingency, As Per Proposal Note	103,000.00	DOLL	1.00	103,000.00	1.00	103,000.00	1.00	103,000.00	0.00	0.00
Sub-Total:						192,346.10		199,000.00		194,000.00		
Grand Total:						1,486,838.36		1,407,781.45		1,435,532.68		

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Total Bid:				1,486,838.36		1,407,781.45		1,435,532.68		
		Total Alternate Package:										
		Total Award:				1,486,838.36		1,407,781.45		1,435,532.68		
		Calc/Entered Bid Diff.:						1,407,781.45		1,435,532.68		
		Difference from Low Vendor:						197,855.57		225,606.80		
		Total Subcontractors:										

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

Project Number: 2021-19
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Specifications:

Bid Date: Sunday , 12:00 AM
Engineer:

Bid Statistics

ITEM	STD. ITEM	DESCRIPTION	QUANTITY UNIT	Low	High	Avg
Group: A ROADWAY						
100	201E11000	Clearing And Grubbing	1.00 LS	3,500.00	20,000.00	8,160.00
105	202E38000	Guardrail Removed	300.00 FT	2.80	3.00	2.92
110	203E10000	Excavation	906.00 CY	20.00	27.00	23.80
115	203E20000	Embankment	258.00 CY	13.00	28.00	19.40
120	204E10000	Subgrade Compaction	752.00 SQYD	3.50	6.00	4.90
125	204E13001	Excavation Of Subgrade, As Per Plan	104.00 CY	16.00	40.00	25.00
130	204E20002	Embankment, Using Item 304, As Per Plan	61.00 CY	38.00	88.00	60.20
135	204E20003	Embankment, Using #2 Stone, As Per Plan	43.00 CY	34.00	100.00	60.20
140	204E50001	Geotextile Fabric, As Per PI	156.00 SQYD	1.00	4.00	2.30
145	204E51001	Geogrid For Subbase Stabilization, As Per Plan	156.00 SQYD	2.00	5.00	3.70
150	606E15050	Guardrail, Type MGS	275.00 FT	22.50	29.70	24.24
155	606E26150	Anchor Assembly, MGS Type E	3.00 EA	2,550.00	3,280.00	2,726.00
160	606E26550	Anchor Assembly, MGS Type T	1.00 EA	1,250.00	1,390.00	1,288.00
165	606E35002	MGS Bridge Terminal Assembly, Type 1	4.00 EA	2,400.00	3,300.00	2,600.00
170	606E98100	Guardrail, Misc.: Hydro-Excavating Guardrail Posts	15.00 EA	110.00	120.00	113.20
175	606E98100	Guardrail, Misc.: Short Guardrail Posts Set In Concrete	15.00 EA	55.00	90.00	62.60
180	203E98600	Roadway, Misc.: Hydro-	5.00 EA	150.00	850.00	465.00

Franklin County Engineer's Office - Bridge Design Winchester Pike 0.87 over Georges Creek Bid Tabulation

Project Number: 2021-19
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Specifications:

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Engineer:

Bid Statistics

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	Low	High	Avg
		Excavating Utility Exposure AT&T					
185	606E98100	Guardrail, Misc.: Hydro-Excavating Guardrail Posts - AT&T	25.00	EA	110.00	120.00	114.00
190	606E98100	Guardrail, Misc.: Short Guardrail Posts Set In Concrete-AT&T	25.00	EA	55.00	90.00	63.00
195	203E98500	Roadway, Misc.: Supporting Duct Bank - AT&T	1.00	LS	500.00	6,500.00	2,464.00
Group: B EROSION CONTROL							
200	601E32204	Rock Channel Protection, Typ C With Fabric Filter	32.00	CY	95.00	140.00	123.00
205	659E10001	Seeding And Mulching, As Per Plan	2,797.00	SQYD	1.40	5.00	3.32
210	659E35001	Water, As Per Plan	15.00	MGAL	17.00	230.00	86.20
215	832E30000	Erosion Control	5,000.00	EA	1.00	1.00	1.00
Group: C DRAINAGE							
220	605E05100	4" Shallow Pipe Underdrains	405.00	FT	9.00	22.00	14.20
225	611E00101	4" Conduit, Type B, As Per Plan	50.00	FT	7.00	26.00	16.20
230	611E00201	4" Conduit, Type C, As Per Plan	50.00	FT	6.00	21.00	14.60
235	611E00901	6" Conduit, Type B, As Per Plan	50.00	FT	8.00	30.00	19.60
240	611E01101	6" Conduit, Type C, As Per Plan	50.00	FT	7.00	25.00	17.00
245	611E01801	8" Conduit, Type B, As Per	50.00	FT	9.00	37.00	23.60

**Franklin County Engineer's Office - Bridge Design
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY UNIT	Low	High	Avg
		Plan				
250	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00 FT	8.00	32.00	21.20
255	611E99710	Precast Reinforced Concrete Outlet	4.00 EA	225.00	425.00	314.00
Group: D PAVEMENT						
260	254E01000	Pavement Planing, Asphalt Concrete	95.00 SQYD	23.50	50.00	28.80
265	301E46000	301 Asphalt Concrete Base, Pg64-22	169.00 CY	175.00	186.00	183.80
270	304E20000	304 Aggregate Base	127.00 CY	80.00	100.00	92.80
275	304E20001	304 Aggregate Base, As Per Plan	11.00 CY	60.00	140.00	108.00
280	407E10000	Tack Coat	105.00 GAL	2.25	4.50	4.05
285	441E50000	Asphalt Concrete Surface Course, Type1, (448), PG64-22	28.00 CY	300.00	320.00	304.00
290	441E50001	Asphalt Concrete Surface Course, Type 1, (448), APP	4.00 CY	300.00	500.00	340.00
295	441E50300	Asphalt Concrete Intermediat Course, Type2, (448)	24.00 CY	280.00	315.00	287.00
Group: E WATER WORK						
300	638E10400	Fire Hydrant Adjusted To Grade	1.00 EA	600.00	1,750.00	1,290.00
305	638E10800	Valve Box Adjusted To Grade	1.00 EA	250.00	550.00	390.00
Group: F TRAFFIC CONTROL						
310	620E00500	Delineator, Post Mounted	3.00 EA	53.00	125.00	98.60
315	621E00101	RPM, As Per Plan	3.00 EA	690.00	1,300.00	1,050.20

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320	626E00110	Barrier Reflector, Type 2	10.00 EA	9.50	13.00	10.30
325	630E03101	Ground Mounted Support, No. 3 Post, As Per Plan	22.00 FT	15.00	19.00	16.00
330	630E85100	Removal Of Ground Mounted Sign And Reerection	2.00 EA	55.00	64.00	59.80
335	630E86002	Removal Of Ground Mounted Post Support And Disposal	2.00 EA	20.00	35.00	23.20
340	644E00105	Edge Line, 6", As Per Plan	0.07 MILE	7,515.00	42,000.00	14,869.00
345	644E00301	Center Line, 6", As Per Plan	0.04 MILE	12,452.00	84,000.00	27,511.20
350	646E10011	Edge Line, 6", As Per Plan	0.05 MILE	33,000.00	61,000.00	46,886.60
355	646E10201	Center Line, As Per Plan	0.03 MILE	10,400.00	78,950.00	62,450.00
Group: G STRUCTURE OVER 20' SPAN						
360	202E11002	Structure Removed, Over 20 Foot Span	1.00 LS	22,000.00	150,000.00	85,900.00
361	202E23500	Wearing Course Removed	312.00 SQYD	12.00	21.00	16.80
365	503E11100	Cofferdams And Excavation Bracing	1.00 LS	10,000.00	43,000.00	25,300.00
370	503E21300	Unclassified Excavation	1.00 LS	20,000.00	35,000.00	27,500.00
375	505E11100	Pile Driving Equipment Mobilization	1.00 LS	15,000.00	32,000.00	21,400.00
380	507E00500	12" Cast-in-place Reinforced Concrete Piles, Driven	800.00 FT	5.00	42.00	26.20
385	507E00550	12" Cast-in-place Reinforced Concrete Piles, Furnished	880.00 FT	43.00	73.00	57.40
390	507E00700	16" Cast-in-place Reinforced Concrete Piles, Driven	720.00 FT	7.00	63.00	35.60
395	507E00750	16" Cast-in-place Reinforced Concrete Piles, Furnished	780.00 FT	88.00	130.00	110.00

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400	509E10000	Epoxy Coated Reinforcing Steel	66,913.00 LB	1.35	1.60	1.46
405	511E33312	Class QC2 Concrete With QA/QC, Superstructure	284.00 CY	825.00	1,000.00	883.00
410	511E43511	Class QC1 Concrete, Abutment Incl Footing, APP	64.00 CY	780.00	1,350.00	915.00
415	512E10050	Sealing Of Concrete Surfaces (non-epoxy)	106.00 SQYD	13.00	13.50	13.10
420	512E10400	Treating Of Concrete Bridge Deck With Srs	435.00 SQYD	8.50	8.50	8.50
425	516E14014	Integral Abutment Expansion Joint Seal	106.00 FT	25.00	40.00	31.50
430	517E70000	Railing (Twin Steel Tube)	225.00 FT	254.00	275.00	266.20
435	518E21200	Porous Backfill With Geotext Fabric	30.00 CY	105.00	145.00	119.00
440	518E22300	Special - Steel Drip Strip	259.00 FT	14.00	18.00	16.00
445	518E40000	6" Perforated Corrugated Plastic Pipe	109.00 FT	5.00	15.00	10.40
450	518E40011	6" Non-perforated Corrugated Plastic Pipe, Incl Spec,APP	36.00 FT	10.00	21.00	17.20
455	523E20001	Dynamic Load Testing, As Per Plan	8.00 EA	3,000.00	4,450.00	3,725.00
460	523E20501	Restrike, As Per Plan	8.00 EA	800.00	3,000.00	1,380.00
465	526E10000	Reinforced Concrete Approach Slabs (t=12")	120.00 SQYD	255.00	400.00	307.00
470	526E90010	Type A Installation	75.00 FT	140.00	200.00	174.00
475	846E00110	Polymer Modified Asphalt Expansion Joint System	31.00 CF	500.00	560.00	526.40

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	Low	High	Avg
Group: H MAINTENANCE OF TRAFFIC							
480	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A	48.00	HR	60.00	85.00	72.70
485	614E12420	Detour Signing	1.00	LS	6,400.00	10,000.00	8,280.00
490	614E18601	Portable Changeable Message Sign, As Per Plan	6.00	SNMT	600.00	1,200.00	774.00
495	616E10000	Water	5.00	MGAL	10.00	100.00	59.00
Group: I INCIDENTALS							
500	614E11000	Maintaining Traffic	1.00	LS	2,500.00	12,000.00	6,000.00
505	619E16011	Field Office, Type B, As Per Plan	6.00	MO	1,800.00	3,500.00	2,620.00
510	623E10000	Construction Layout Stakes And Surveying	1.00	LS	7,500.00	14,000.00	10,600.00
515	624E10000	Mobilization	1.00	LS	40,000.00	60,000.00	44,000.00
520	SPECIAL-036	Asphalt, Fuel, & Steel Price Adjustment, As Per Plan	10,000.00	LS	1.00	1.00	1.00
525	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	7,500.00	20,000.00	11,000.00
530	SPECIAL-032	Contingency, As Per Proposal Note	103,000.00	DOLL	1.00	1.00	1.00
Grand Total:					217,769.30	701,199.80	427,087.19