

Bridge Road Intersection Improvements IFB #21023-JS

Bid Evaluation

Bid Opening January 5, 2021

Low Bidder

Bid Item	Description	Quantity	Units	Engineers Estimate		Curtis Contracting		Bryant-Ritter Corporation		Dagan Electric Company		Virginia Sign & Lighting Company	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
General Items													
1	MOBILIZATION	1	LS	\$144,000.00	\$144,000.00	\$159,298.00	\$159,298.00	\$77,500.00	\$77,500.00	\$100,000.00	\$100,000.00	\$125,000.00	\$125,000.00
2	BASE PACKAGE MAINTENANCE OF TRAFFIC	1	LS	\$146,000.00	\$146,000.00	\$344,717.00	\$344,717.00	\$155,920.00	\$155,920.00	\$80,000.00	\$80,000.00	\$55,000.00	\$55,000.00
3	MODIFY EXISTING JUNCTION BOX	14	EA	\$350.00	\$4,900.00	\$550.00	\$7,700.00	\$850.00	\$11,900.00	\$750.00	\$10,500.00	\$354.00	\$4,956.00
4	MODIFY TRAFFIC SIGNAL CABINET	18	EA	\$1,200.00	\$21,600.00	\$550.00	\$9,900.00	\$1,170.00	\$21,060.00	\$1,100.00	\$19,800.00	\$809.00	\$14,562.00
5	TEMP. SILT FENCE TYPE A	2,000	LF	\$4.00	\$8,000.00	\$4.50	\$9,000.00	\$4.00	\$8,000.00	\$5.00	\$10,000.00	\$5.75	\$11,500.00
6	CEMENT CONCRETE SIDEWALK 4"	20	SY	\$500.00	\$10,000.00	\$244.00	\$4,880.00	\$75.00	\$1,500.00	\$190.00	\$3,800.00	\$413.00	\$8,260.00
7	2 INCH METAL CONDUIT	60	LF	\$15.00	\$900.00	\$44.00	\$2,640.00	\$20.00	\$1,200.00	\$28.00	\$1,680.00	\$32.00	\$1,920.00
8	GUARDRAIL GR-MGS1	313	LF	\$20.00	\$6,260.00	\$34.00	\$10,642.00	\$30.00	\$9,390.00	\$41.00	\$12,833.00	\$33.00	\$10,329.00
9	GUARDRAIL TERMINAL GR-MGS2	3	EA	\$2,500.00	\$7,500.00	\$2,455.00	\$7,365.00	\$3,330.00	\$9,990.00	\$5,100.00	\$15,300.00	\$4,144.00	\$12,432.00
10	GUARDRAIL END ANCHORAGE GR-MGS3	3	EA	\$1,000.00	\$3,000.00	\$1,198.00	\$3,594.00	\$1,515.00	\$4,545.00	\$1,500.00	\$4,500.00	\$1,380.00	\$4,140.00
11	JUNCTION BOX (JB-S1)	6	EA	\$1,000.00	\$6,000.00	\$1,100.00	\$6,600.00	\$950.00	\$5,700.00	\$1,150.00	\$6,900.00	\$1,433.00	\$8,598.00
12	JUNCTION BOX (JB-S2)	68	EA	\$1,350.00	\$91,800.00	\$1,331.00	\$90,508.00	\$1,230.00	\$83,640.00	\$1,250.00	\$85,000.00	\$1,485.00	\$100,980.00
13	JUNCTION BOX (JB-S3)	17	EA	\$1,700.00	\$28,900.00	\$1,475.00	\$25,075.00	\$1,400.00	\$23,800.00	\$1,440.00	\$24,480.00	\$1,500.00	\$25,500.00
14	2" PVC CONDUIT	24,464	LF	\$5.50	\$134,552.00	\$3.00	\$73,392.00	\$6.75	\$165,132.00	\$5.25	\$128,436.00	\$5.00	\$122,320.00
15	BORED ITS CONDUIT HDPE 2"	4,434	LF	\$23.00	\$101,982.00	\$12.00	\$53,208.00	\$18.50	\$82,029.00	\$22.00	\$97,548.00	\$22.00	\$97,548.00
16	TRENCH EXCAVATION (ECI-1)	24,464	LF	\$8.00	\$195,712.00	\$21.00	\$513,744.00	\$4.00	\$97,856.00	\$8.00	\$195,712.00	\$7.25	\$177,364.00
17	MESSENGER CABLE (1/4")	3,819	LF	\$3.00	\$11,457.00	\$5.00	\$19,095.00	\$5.45	\$20,813.55	\$6.00	\$22,914.00	\$5.25	\$20,049.75
18	GUY ASSEMBLY	6	EA	\$1,800.00	\$10,800.00	\$608.00	\$3,648.00	\$1,800.00	\$10,800.00	\$1,100.00	\$6,600.00	\$2,500.00	\$15,000.00
19	FIBER OPTIC CABLE 144 STRAND	43,841	LF	\$5.00	\$219,205.00	\$6.33	\$277,513.53	\$4.95	\$217,012.95	\$7.60	\$333,191.60	\$7.00	\$306,887.00
20	FIBER OPTIC DROP CABLE (12 STRAND)	5,947	LF	\$2.00	\$11,894.00	\$4.50	\$26,761.50	\$2.20	\$13,083.40	\$5.40	\$32,113.80	\$3.50	\$20,814.50
21	6 CONDUCTOR CABLE	552	LF	\$2.50	\$1,380.00	\$3.00	\$1,656.00	\$1.59	\$877.68	\$1.50	\$828.00	\$2.30	\$1,269.60
22	CCTV CAMERA (DIGITAL)	4	EA	\$7,000.00	\$28,000.00	\$5,989.00	\$23,956.00	\$5,900.00	\$23,600.00	\$6,350.00	\$25,400.00	\$5,400.00	\$21,600.00
23	NS CCTV COMPOSITE CABLE	1,571	LF	\$5.50	\$8,640.50	\$0.60	\$942.60	\$1.50	\$2,356.50	\$2.00	\$3,142.00	\$2.50	\$3,927.50
24	VDS DETECTOR	2	EA	\$9,500.00	\$19,000.00	\$7,083.00	\$14,166.00	\$6,396.00	\$12,792.00	\$6,100.00	\$12,200.00	\$7,100.00	\$14,200.00
25	VDS COMPOSITE CABLE	80	LF	\$5.50	\$440.00	\$5.00	\$400.00	\$4.50	\$360.00	\$6.00	\$480.00	\$6.50	\$520.00
26	WI-FI DETECTOR	3	EA	\$12,500.00	\$37,500.00	\$7,312.00	\$21,936.00	\$7,950.00	\$23,850.00	\$10,600.00	\$31,800.00	\$7,800.00	\$23,400.00
27	POWER OVER ETHERNET POE EXTENDER	2	EA	\$1,200.00	\$2,400.00	\$1,669.00	\$3,338.00	\$2,200.00	\$4,400.00	\$1,800.00	\$3,600.00	\$360.00	\$720.00
28	ENVIRONMENTAL SENSOR STATIONS (ESS), ELECTRIC SERVICE	4	EA	\$25,000.00	\$100,000.00	\$46,294.00	\$185,176.00	\$61,925.00	\$247,700.00	\$29,300.00	\$117,200.00	\$37,660.85	\$150,643.40
29	UNDERGROUND SPLICE ENCLOSURE	16	EA	\$3,000.00	\$48,000.00	\$1,185.00	\$18,960.00	\$2,100.00	\$33,600.00	\$1,450.00	\$23,200.00	\$2,300.00	\$36,800.00
30	SPLICE ENCLOSURE (AERIAL)	2	EA	\$2,800.00	\$5,600.00	\$463.00	\$926.00	\$2,850.00	\$5,700.00	\$2,800.00	\$5,600.00	\$3,000.00	\$6,000.00
31	PRE-TERMINATED FIBER PATCH PANEL	18	EA	\$1,000.00	\$18,000.00	\$1,137.00	\$20,466.00	\$1,695.00	\$30,510.00	\$1,400.00	\$25,200.00	\$1,780.00	\$32,040.00
32	MANAGED FIELD ETHERNET SWITCH (GBPS)	6	EA	\$3,500.00	\$21,000.00	\$4,093.00	\$24,558.00	\$2,578.00	\$15,468.00	\$2,700.00	\$16,200.00	\$2,700.00	\$16,200.00
33	DIST.SFP MODULE 1Gbps, LC, SHORT HAUL	12	EA	\$600.00	\$7,200.00	\$1,981.00	\$23,772.00	\$366.00	\$4,392.00	\$240.00	\$2,880.00	\$26.00	\$312.00
34	CCTV CAMERA POLE 40'	2	EA	\$4,000.00	\$8,000.00	\$4,609.00	\$9,218.00	\$5,440.00	\$10,880.00	\$5,300.00	\$10,600.00	\$8,300.00	\$16,600.00
35	LIGHTING POLE LP-2 TYPE B	2	EA	\$2,500.00	\$5,000.00	\$6,098.00	\$12,196.00	\$4,850.00	\$9,700.00	\$3,300.00	\$6,600.00	\$2,300.00	\$4,600.00
36	CCTV CAMERA POLE FOUNDATION	2	EA	\$2,500.00	\$5,000.00	\$2,317.00	\$4,634.00	\$5,300.00	\$10,600.00	\$15,000.00	\$30,000.00	\$10,000.00	\$20,000.00
37	ITS CONTROLLER CABINET (GROUND MOUNTED)	2	EA	\$12,000.00	\$24,000.00	\$14,349.00	\$28,698.00	\$9,200.00	\$18,400.00	\$17,650.00	\$35,300.00	\$8,000.00	\$16,000.00
38	ITS CONTROLLER CABINET (POLE MOUNTED)	4	EA	\$8,700.00	\$34,800.00	\$13,245.00	\$52,980.00	\$16,800.00	\$67,200.00	\$16,500.00	\$66,000.00	\$7,500.00	\$30,000.00
39	CONCRETE FOUNDATION CF-3	2	EA	\$2,900.00	\$5,800.00	\$7,290.00	\$14,580.00	\$3,000.00	\$6,000.00	\$1,700.00	\$3,400.00	\$6,500.00	\$13,000.00
40	DYNAMIC MESSAGE SIGN (TYPE 2A) (FULL COLOR)	2	EA	\$48,000.00	\$96,000.00	\$72,988.00	\$145,976.00	\$85,000.00	\$170,000.00	\$75,000.00	\$150,000.00	\$80,000.00	\$160,000.00
41	DMS BUTTERFLY STRUCTURE (TYPE 2)	2	EA	\$27,000.00	\$54,000.00	\$47,160.00	\$94,320.00	\$28,700.00	\$57,400.00	\$27,000.00	\$54,000.00	\$25,000.00	\$50,000.00
42	DMS COMMUNICATION CABLE	80	LF	\$5.00	\$400.00	\$9.50	\$760.00	\$8.50	\$680.00	\$6.00	\$480.00	\$3.50	\$280.00
43	DMS STRUCTURE FOUNDATION	10	CY	\$1,400.00	\$14,000.00	\$5,769.00	\$57,690.00	\$1,350.00	\$13,500.00	\$3,000.00	\$30,000.00	\$2,500.00	\$25,000.00
44	DDMS SIGN ASSEMBLY	2	EA	\$16,000.00	\$32,000.00	\$56,483.00	\$112,966.00	\$32,645.00	\$65,290.00	\$52,000.00	\$104,000.00	\$38,000.00	\$76,000.00
45	ELECTRICAL SERVICE SE-5	6	EA	\$3,300.00	\$19,800.00	\$8,100.00	\$48,600.00	\$3,280.00	\$19,680.00	\$5,500.00	\$33,000.00	\$5,000.00	\$30,000.00
46	MANAGEMENT OF CONTAMINATED SOIL	1	DRUM	\$2,000.00	\$2,000.00	\$1,150.00	\$1,150.00	\$979.00	\$979.00	\$1,900.00	\$1,900.00	\$4,800.00	\$4,800.00
47	MANAGEMENT OF CONTAMINATED SOIL (CONC. LESS THAN 10X TREATMENT STANDARDS)	1	DRUM	\$2,500.00	\$2,500.00	\$1,150.00	\$1,150.00	\$690.00	\$690.00	\$1,900.00	\$1,900.00	\$4,000.00	\$4,000.00

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48	CONDUIT REPAIR	200	LF	\$25.00	\$5,000.00	\$58.00	\$11,600.00	\$11.50	\$2,300.00	\$15.00	\$3,000.00	\$62.00	\$12,400.00
21023-JS Base Bid TOTAL					\$ 1,769,922.50		\$ 2,586,051.63		\$ 1,879,777.08		\$ 1,989,218.40		\$ 1,913,472.75