

BID AWARD SUMMARY

LETTING DATE: JANUARY 31, 2023

PROJECT: RCFD Fire Training Facility Site Improvement
Project No. 19-2529 / CIP No. 51250

RECOMMENDATION: Award to RCS Construction Inc. at the February 21, 2023 Council Meeting for the negotiated amount of \$2,414,944.49.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
RCS Construction Inc.	\$2,610,140.39

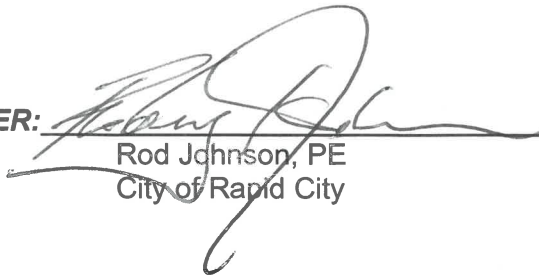
Recommends continuing this project to the February 21, 2023 Council Meeting.

FUNDING SOURCE	TOTAL	CIP – Govt Buildings
ADVERTISING AUTHORITY	\$2,380,000.00	\$2,365,567.75
ENGINEER'S ESTIMATE	\$2,365,567.75	

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	CIP – Govt Buildings
COST CENTER		8915
LINE ITEM		4320
FUNDING CENTER		505
AWARD AMOUNT		\$2,414,944.49

PROJECT MANAGER: _____


Rod Johnson, PE
City of Rapid City

DATE: 2-13-23

PROPOSER AWARD SUMMARY
PROJECT NAME: RCFD FIRE TRAINING FACILITY SITE IMPROVEMENTS
PROJECT NUMBER: 19-2529 / CIP NO. 51250
OPENING DATE: JANUARY 31, 2023
PROPOSAL AMOUNT: \$2,365,567.75

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		RCS Construction Inc.		Current Contract		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	QTY (EST)	UNIT COST	TOTAL COST
1	Mobilization	LS	1	\$ 175,000.00	\$175,000.00	\$140,570.22	\$140,570.22	1	\$140,570.22	\$140,570.22
2	Incidental Work	LS	1	\$ 100,000.00	\$100,000.00	\$108,199.87	\$108,199.87	1	\$108,199.87	\$108,199.87
3	Re-Establish Property Corner	EA	3	\$ 250.00	\$750.00	\$683.30	\$2,049.90	3	\$683.30	\$2,049.90
4	Concrete Test Set	EA	45	\$ 250.00	\$11,250.00	\$486.51	\$21,892.95	0	\$486.51	\$0.00
5	AASHTO T-180	EA	2	\$ 250.00	\$500.00	\$486.51	\$973.02	0	\$486.51	\$0.00
6	Construction Staking	LS	1	\$ 30,000.00	\$30,000.00	\$25,227.53	\$25,227.53	1	\$25,227.53	\$25,227.53
7	Remove Tree, 6" to 18"	EA	7	\$ 750.00	\$5,250.00	\$898.80	\$6,291.60	0	\$898.80	\$0.00
8	Clearing and Grubbing	LS	1	\$ 2,500.00	\$2,500.00	\$9,986.73	\$9,986.73	0	\$9,986.73	\$0.00
9	Remove Concrete Curb & Gutter	LF	98	\$ 5.00	\$490.00	\$4.00	\$392.00	98	\$4.00	\$392.00
10	Remove Barbed Wire Fence	LF	3077	\$ 2.00	\$6,154.00	\$4.05	\$12,461.85	0	\$4.05	\$0.00
11	Remove AC Pavement	SF	215	\$ 3.00	\$645.00	\$4.28	\$920.20	215	\$4.28	\$920.20
12	Remove Fire Hydrant, Aux. Valve and Lead, Plug at Tee	EA	1	\$ 1,100.00	\$1,100.00	\$1,943.24	\$1,943.24	1	\$1,943.24	\$1,943.24
13	Topsoil, Salvage & Stockpile	CY	5000	\$ 6.00	\$30,000.00	\$5.87	\$29,350.00	5000	\$5.87	\$29,350.00
14	Topsoil, Place	CY	3865	\$ 6.00	\$23,190.00	\$8.91	\$34,437.15	3865	\$8.91	\$34,437.15
15	Unclassified Excavation and Placement	CY	5100	\$ 25.00	\$127,500.00	\$13.11	\$66,861.00	5100	\$13.11	\$66,861.00
16	8" PVC Water Main C-900, DR 18	LF	385	\$ 80.00	\$30,800.00	\$156.21	\$60,140.85	385	\$156.21	\$60,140.85
17	10"x8" Tapping Tee and Valve with Box	EA	1	\$ 2,500.00	\$2,500.00	\$9,919.38	\$9,919.38	1	\$9,919.38	\$9,919.38
18	10"x6" Tapping Tee and Valve with Box	EA	1	\$ 2,500.00	\$2,500.00	\$7,665.82	\$7,665.82	1	\$7,665.82	\$7,665.82
19	8"x6" Tee	EA	3	\$ 2,500.00	\$7,500.00	\$1,390.42	\$4,171.26	3	\$1,390.42	\$4,171.26
20	8" Gate Valve with Box	EA	2	\$ 3,300.00	\$6,600.00	\$4,339.86	\$8,679.72	2	\$4,339.86	\$8,679.72
21	8" Cap	EA	1	\$ 1,800.00	\$1,800.00	\$738.37	\$738.37	1	\$738.37	\$738.37
22	6" PVC Water Main C-900, DR 18	LF	90	\$ 70.00	\$6,300.00	\$164.91	\$14,841.90	90	\$164.91	\$14,841.90
23	6" Gate Valve with Box	EA	1	\$ 2,500.00	\$2,500.00	\$3,090.17	\$3,090.17	1	\$3,090.17	\$3,090.17
24	6" Plug	EA	1	\$ 750.00	\$750.00	\$598.82	\$598.82	1	\$598.82	\$598.82
25	Fire Hydrant with Auxiliary Valve & Box	EA	2	\$ 9,500.00	\$19,000.00	\$12,414.06	\$24,828.12	2	\$12,414.06	\$24,828.12
26	Fire Hydrant without Auxiliary Valve & Box	EA	1	\$ 7,500.00	\$7,500.00	\$9,691.82	\$9,691.82	1	\$9,691.82	\$9,691.82
27	24" Storm Sewer	LF	70	\$ 180.00	\$12,600.00	\$204.24	\$14,296.80	70	\$204.24	\$14,296.80
28	24" RC Flared End Section	EA	2	\$ 1,800.00	\$3,600.00	\$2,560.40	\$5,120.80	2	\$2,560.40	\$5,120.80
29	18" Storm Sewer	LF	24	\$ 150.00	\$3,600.00	\$179.86	\$4,316.64	24	\$179.86	\$4,316.64
30	18" RC Flared End Section	EA	1	\$ 1,500.00	\$1,500.00	\$2,480.07	\$2,480.07	1	\$2,480.07	\$2,480.07
31	2'x3' Concrete Detention Pond Outlet Structure	EA	1	\$ 9,000.00	\$9,000.00	\$5,997.62	\$5,997.62	1	\$5,997.62	\$5,997.62

32	Porous Landscape Detention Stormwater Treatment	SF	4155	\$ 9.25	\$38,433.75	\$18.19	\$75,579.45	4155	\$18.19	\$75,579.45
33	4" Underdrain with Cleanouts, Porous Landscape Detention	LF	465	\$ 40.00	\$18,600.00	\$48.30	\$22,459.50	465	\$48.30	\$22,459.50
34	4" Underdrain, Fire Training Tower	LF	260	\$ 35.00	\$9,100.00	\$52.01	\$13,522.60	260	\$52.01	\$13,522.60
35	Precast Concrete Headwall, 4" Underdrain	EA	1	\$ 750.00	\$750.00	\$763.80	\$763.80	1	\$763.80	\$763.80
36	Concrete Sidewalk, 4" Non-Reinforced	SF	3180	\$ 10.00	\$31,800.00	\$12.26	\$38,986.80	0	\$12.26	\$0.00
37	Detectable Warning Panel	SF	20	\$ 20.00	\$400.00	\$87.15	\$1,743.00	0	\$87.15	\$0.00
38	Concrete Curb & Gutter, Type B68	LF	418	\$ 45.00	\$18,810.00	\$55.47	\$23,186.46	119	\$55.47	\$6,600.93
39	Concrete Curb & Gutter, Type BL68	LF	196	\$ 45.00	\$8,820.00	\$52.94	\$10,376.24	14	\$52.94	\$741.16
40	Concrete Curb & Gutter, Type D48	LF	364	\$ 45.00	\$16,380.00	\$52.94	\$19,270.16	364	\$52.94	\$19,270.16
41	Concrete Curb Openings	EA	9	\$ 250.00	\$2,250.00	\$1,190.48	\$10,714.32	0	\$1,190.48	\$0.00
42	Concrete Fillet or Drain Pan, 8" Reinforced	SY	110	\$ 150.00	\$16,500.00	\$149.51	\$16,446.10	110	\$149.51	\$16,446.10
43	PCC Pavement, 8" Non-Reinforced	SY	6200	\$ 140.00	\$868,000.00	\$142.36	\$882,632.00	6200	\$142.36	\$882,632.00
44	PCC Pavement, 8" Reinforced	SY	63	\$ 175.00	\$11,025.00	\$145.31	\$9,154.53	63	\$145.31	\$9,154.53
45	Site Concrete, 6" Reinforced	SF	188	\$ 15.00	\$2,820.00	\$18.10	\$3,402.80	188	\$18.10	\$3,402.80
46	AC Pavement	SF	215	\$ 20.00	\$4,300.00	\$45.55	\$9,793.25	215	\$45.55	\$9,793.25
47	Aggregate Base Course, 1"	TN	5000	\$ 40.00	\$200,000.00	\$53.64	\$268,200.00	4900	\$53.64	\$262,836.00
48	Geogrid Subgrade Reinforcement	SY	6800	\$ 6.50	\$44,200.00	\$7.23	\$49,164.00	6650	\$7.23	\$48,079.50
49	6' High Chain Link Fence	LF	2028	\$ 50.00	\$101,400.00	\$51.02	\$103,468.56	2028	\$51.02	\$103,468.56
50	30' Wide Cantilever Slide Gate	EA	1	\$ 8,000.00	\$8,000.00	\$10,568.41	\$10,568.41	1	\$10,568.41	\$10,568.41
51	Slide Gate Operator, Mounting Post, & Keypad	EA	1	\$ 15,000.00	\$15,000.00	\$12,177.21	\$12,177.21	1	\$12,177.21	\$12,177.21
52	6" Diameter Bollard	EA	9	\$ 1,000.00	\$9,000.00	\$1,682.23	\$15,140.07	9	\$1,682.23	\$15,140.07
53	Permanent Rock Entrance, Type 3 Foundation Material	TN	100	\$ 35.00	\$3,500.00	\$61.21	\$6,121.00	100	\$61.21	\$6,121.00
54	Painted Pavement Markings	LS	1	\$ 6,000.00	\$6,000.00	\$9,110.70	\$9,110.70	0	\$9,110.70	\$0.00
55	Handicap Parking Sign	EA	3	\$ 250.00	\$750.00	\$455.54	\$1,366.62	0	\$455.54	\$0.00
56	Erosion and Sediment Control	LS	1	\$ 15,000.00	\$15,000.00	\$3,379.93	\$3,379.93	1	\$3,379.93	\$3,379.93
57	Silt Fence	LF	950	\$ 6.50	\$6,175.00	\$9.11	\$8,654.50	950	\$9.11	\$8,654.50
58	Stabilized Construction Entrance	EA	1	\$ 2,000.00	\$2,000.00	\$2,626.08	\$2,626.08	1	\$2,626.08	\$2,626.08
59	Inlet Protection	EA	4	\$ 200.00	\$800.00	\$182.22	\$728.88	4	\$182.22	\$728.88
60	Erosion Control Blanket, Type 3	SY	7000	\$ 4.00	\$28,000.00	\$2.28	\$15,980.00	7000	\$2.28	\$15,980.00
61	Turf Reinforcement Mat, Class 3	SY	800	\$ 7.50	\$6,000.00	\$11.84	\$9,472.00	800	\$11.84	\$9,472.00
62	Seeding, Fertilizing, and Mulching	SY	23,100	\$ 2.25	\$51,975.00	\$2.20	\$50,820.00	23,100	\$2.20	\$50,820.00
63	Shrubs	EA	24	\$ 100.00	\$2,400.00	\$123.90	\$2,973.60	0	\$123.90	\$0.00
64	Trees	EA	22	\$ 1,000.00	\$22,000.00	\$1,658.15	\$36,479.30	0	\$1,658.15	\$0.00
65	Unclassified Excavation - Digouts with Type 4 Foundation Material	TN	100	\$ 70.00	\$7,000.00	\$76.64	\$7,664.00	70	\$76.64	\$5,364.80
66	Type 3 Foundation Material	TN	100	\$ 30.00	\$3,000.00	\$61.21	\$6,121.00	30	\$61.21	\$1,836.30
67	Type 1 Bedding Material	TN	100	\$ 30.00	\$3,000.00	\$42.32	\$4,232.00	30	\$42.32	\$1,269.60
68	Site Electrical	LS	1	\$ 150,000.00	\$150,000.00	\$209,546.10	\$209,546.10	1	\$209,546.10	\$209,546.10

TOTAL		\$2,365,567.75		\$2,610,140.39		\$2,414,944.49
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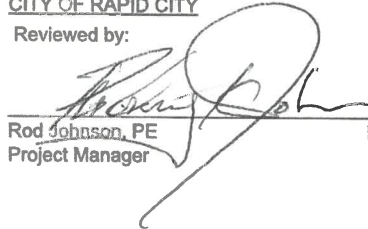
CONSULTANT

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

 02/14/23
 Kyle Hansen, PE Date
 FMG Engineering, Inc.

CITY OF RAPID CITY

Reviewed by:

 2-14-23
 Rod Johnson, PE Date
 Project Manager