

**BID AWARD SUMMARY****LETTING DATE: August 12, 2014**

**PROJECT:** South Robbinsdale Drainage Projects  
Project No. 14-2184 / CIP No. 50425

**RECOMMENDATION:** Award Total Bid in the amount of \$201,837.04 to R.C.S. Construction, Inc. at the August 18, 2014 Council Meeting.

**BIDDER'S SUMMARY****CONTRACTORS****TOTAL BID**

R.C.S. Construction, Inc.	\$201,837.04
Site Works Specialist, Inc	\$223,678.10

City staff recommends awarding this project to R.C.S. Construction, Inc. for a total bid amount of \$201,837.04 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Streets	Drainage
ADVERTISING AUTHORITY	\$172,000.00	\$108,000.00	\$64,000.00
ENGINEER'S ESTIMATE	\$194,834.10	\$	\$

**APPROPRIATION DATA:**

FUNDING SOURCE	TOTAL	Streets	Drainage
COST CENTER		8910	8911
LINE ITEM		4370	4371
FUNDING CENTER		505	505
BID AMOUNT	\$201,837.04	\$137,837.04	\$64,000.00

**PROJECT MANAGER:**


Mary Bosworth, PE  
City of Rapid City

**DATE:**

8-14-14

**PROJECT NAME: SOUTH ROBBINSDALE DRAINAGE PROJECTS, EAST CENTENNIAL  
STREET & EAST NEBRASKA STREET  
PROJECT NUMBER: PROJECT NO. 14-2184 / CIP NO. 50425**

**LET DATE: AUGUST 12, 2014**

**LOW BID AMOUNT: \$201,837.04**

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.		SITE WORKS SPECIALISTS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>E. CENTENNIAL (PROJECT #1)</b>									
1	MOBILIZATION	LS	1.0	\$12,250.00	\$12,250.00	\$25,044.36	\$25,044.36	\$17,200.00	\$17,200.00
2	INCIDENTAL WORK	LS	1.0	\$8,000.00	\$8,000.00	\$9,926.47	\$9,926.47	\$6,900.00	\$6,900.00
3	CONSTRUCTION STAKING	LS	1.0	\$3,120.60	\$3,120.60	\$1,217.77	\$1,217.77	\$1,800.00	\$1,800.00
4	REESTABLISH PROPERTY CORNER	EA	2.0	\$600.00	\$1,200.00	\$67.65	\$135.30	\$240.00	\$480.00
5	TRAFFIC CONTROL	LS	1.0	\$1,250.00	\$1,250.00	\$5,392.00	\$5,392.00	\$4,710.00	\$4,710.00
6	CONSTRUCTION ENTRANCE - VEHICLE TRACKING CONTROL (VTC)	EA	1.0	\$750.00	\$750.00	\$328.92	\$328.92	\$1,400.00	\$1,400.00
7	GRANULAR MATERIAL FOR VEHICLE TRACKING CONTROL	TON	50.0	\$25.00	\$1,250.00	\$16.73	\$836.50	\$24.00	\$1,200.00
8	TEMPORARY GRAVEL SURFACING, 1" BASE COURSE	TON	150.00	\$25.00	\$3,750.00	\$21.69	\$3,253.50	\$30.00	\$4,500.00
9	INLET PROTECTION (IP) - TYPE "B" INLET	EA	4.0	\$160.00	\$640.00	\$159.47	\$637.88	\$150.00	\$600.00
10	REMOVE INLET PROTECTION - TYPE "B" INLET	EA	4.0	\$40.00	\$160.00	\$21.54	\$86.16	\$75.00	\$300.00
11	SEDIMENT CONROL WATTLE (SCW), 9" DIAMETER	LF	136.0	\$5.20	\$707.20	\$4.80	\$652.80	\$4.00	\$544.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	REMOVE SEDIMENT CONTROL WATTLE	LF	136.0	\$2.25	\$306.00	\$2.15	\$292.40	\$2.00	\$272.00
13	GRAVEL FILTER SOCKS	LF	36.0	\$5.00	\$180.00	\$5.66	\$203.76	\$8.00	\$288.00
14	REMOVE GRAVEL FILTER SOCKS	LF	36.0	\$1.00	\$36.00	\$2.15	\$77.40	\$2.00	\$72.00
15	UNCLASSIFIED EXCAVATION	CY	310.00	\$14.00	\$4,340.00	\$14.29	\$4,429.90	\$21.00	\$6,510.00
16	UNDER-CUT	CY	290.00	\$12.00	\$3,480.00	\$14.29	\$4,144.10	\$21.00	\$6,090.00
17	IMPORTED BACKFILL MATERIAL (GRADING)	CY	100.0	\$14.00	\$1,400.00	\$8.62	\$862.00	\$15.00	\$1,500.00
18	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	100.0	\$12.00	\$1,200.00	\$8.62	\$862.00	\$15.00	\$1,500.00
19	TYPE I BEDDING MATERIAL	TON	50.0	\$20.00	\$1,000.00	\$25.08	\$1,254.00	\$25.00	\$1,250.00
20	TYPE II FOUNDATION MATERIAL	TON	50.0	\$20.00	\$1,000.00	\$25.08	\$1,254.00	\$25.00	\$1,250.00
21	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	CY	10.0	\$120.00	\$1,200.00	\$132.91	\$1,329.10	\$135.00	\$1,350.00
22	AASHTO T-180 SOIL TEST	EA	2.0	\$175.00	\$350.00	\$169.13	\$338.26	\$240.00	\$480.00
23	SAWING, ACC PAVEMENT	LF	28.0	\$5.25	\$147.00	\$3.02	\$84.56	\$10.00	\$280.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24	SAWING, PCC PAVEMENT	LF	385.0	\$5.25	\$2,021.25	\$4.31	\$1,659.35	\$10.00	\$3,850.00
25	REMOVE CURB & GUTTER	LF	134.0	\$12.50	\$1,675.00	\$4.09	\$548.06	\$10.00	\$1,340.00
26	REMOVE ACC PAVEMENT	SY	186.0	\$5.75	\$1,069.50	\$7.44	\$1,383.84	\$10.00	\$1,860.00
27	REMOVE PCC PAVEMENT, PAN, AND FILLET	SY	656.0	\$8.50	\$5,576.00	\$7.44	\$4,880.64	\$13.00	\$8,528.00
28	REMOVE PCC SIDEWALK	SY	31.1	\$5.50	\$171.05	\$4.55	\$141.51	\$10.00	\$311.00
29	REMOVE PCC DRIVEWAY AND APPROACH	SY	25.0	\$7.50	\$187.50	\$5.78	\$144.50	\$12.00	\$300.00
30	REMOVE 15" RCP STORM SEWER	LF	3.0	\$75.00	\$225.00	\$54.58	\$163.74	\$331.00	\$993.00
31	CLEARING & GRUBBING, 6" - 18" TREES	EA	1.00	\$425.00	\$425.00	\$473.99	\$473.99	\$500.00	\$500.00
32	ACC PAVING MOBILIZATIONS	EA	1.00	\$850.00	\$850.00	\$1,353.07	\$1,353.07	\$1,200.00	\$1,200.00
33	TYPE B66 CURB AND GUTTER	LF	131.00	\$24.00	\$3,144.00	\$22.47	\$2,943.57	\$40.00	\$5,240.00
34	TYPE P6 GUTTER	LF	20.00	\$22.00	\$440.00	\$22.47	\$449.40	\$44.00	\$880.00
35	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	65.00	\$98.00	\$6,370.00	\$162.37	\$10,554.05	\$142.00	\$9,230.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
36	AGGREGATE BASE COURSE, 1"	TON	320.00	\$28.00	\$8,960.00	\$22.43	\$7,177.60	\$32.00	\$10,240.00
37	PCC FILLET AND PAN (REINFORCED), 6"	SY	36.50	\$85.00	\$3,102.50	\$74.19	\$2,707.94	\$132.00	\$4,818.00
38	PCC DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED	SY	18.90	\$65.00	\$1,228.50	\$63.55	\$1,201.10	\$138.00	\$2,608.20
39	PCC 5' WIDE SIDEWALK WITH HANDICAP RAMP	SY	33.80	\$55.00	\$1,859.00	\$67.37	\$2,277.11	\$118.00	\$3,988.40
40	GEOTEXTILE FABRIC	SY	190.0	\$3.75	\$712.50	\$3.78	\$718.20	\$6.00	\$1,140.00
41	PCC PAVEMENT, 9" NONREINFORCED, PANEL REPLACEMENT W/ SEALED JOINTS	SY	619.00	\$92.00	\$56,948.00	\$84.83	\$52,509.77	\$65.00	\$40,235.00
42	#5 X 24" EXPOXY COATED DEFORMED TIE BARS	EA	373.0	\$8.00	\$2,984.00	\$7.02	\$2,618.46	\$10.00	\$3,730.00
43	#10 X 18" EXPOXY COATED DOWELS	EA	442.0	\$8.00	\$3,536.00	\$11.27	\$4,981.34	\$30.00	\$13,260.00
44	CONNECT TO EXISTING STORM SEWER	EA	1.0	\$1,250.00	\$1,250.00	\$712.47	\$712.47	\$655.00	\$655.00
45	TYPE "B" INLET	EA	2.00	\$2,900.00	\$5,800.00	\$2,433.67	\$4,867.34	\$4,310.00	\$8,620.00
46	CAST IN PLACE 4'X4' JUNCTION BOX, W/ BOOTED CONNECTIONS	EA	1.0	\$4,250.00	\$4,250.00	\$4,657.10	\$4,657.10	\$4,545.00	\$4,545.00
47	12" PVC STORM SEWER SDR35 GREEN	LF	272.0	\$42.00	\$11,424.00	\$46.42	\$12,626.24	\$35.00	\$9,520.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
48	12" SDR35 45 DEG BEND	EA	2.0	\$68.00	\$136.00	\$400.30	\$800.60	\$245.00	\$490.00	
49	COORDINATE RELOCATION OF STREET LIGHT ON BHP WOODEN POLE	EA	1.0	\$250.00	\$250.00	\$359.09	\$359.09	\$295.00	\$295.00	
50	SODDING	SY	96.00	\$9.25	\$888.00	\$8.08	\$775.68	\$8.00	\$768.00	
51	TOPSOIL, PLACE 5" THICK (INCLUDING 1" INCORPORATED CO-COMPOST)	CY	13.50	\$32.00	\$432.00	\$32.04	\$432.54	\$85.00	\$1,147.50	
52	ADJUST MANHOLE CASTING	EA	1.0	\$275.00	\$275.00	\$721.05	\$721.05	\$500.00	\$500.00	
53	DETECTABLE WARNING PANNEL	SF	16.00	\$32.00	\$512.00	\$40.47	\$647.52	\$50.00	\$800.00	
54	MALLUS SPRING SNOW CRAB (FRUITLESS) - MINIMUM 2" CALIPER	EA	1.00	\$420.00	\$420.00	\$788.05	\$788.05	\$710.00	\$710.00	
55	SEAL EXISTING CONCRETE PANEL JOINTS	LF	245.00	\$3.50	\$857.50	\$4.06	\$994.70	\$25.00	\$6,125.00	
<b>TOTAL PROJECT #1</b>						\$175,696.10		\$189,912.76		\$208,903.10

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<b>E. NEBRASKA INLET (PROJECT #2)</b>									
56	CONSTRUCTION STAKING	LS	1.0	\$701.55	\$701.55	\$270.61	\$270.61	\$1,800.00	\$1,800.00
57	TRAFFIC CONTROL	LS	1.0	\$1,200.00	\$1,200.00	\$1,418.02	\$1,418.02	\$1,240.00	\$1,240.00
58	INLET PROTECTION (IP) - 30' GRATE INLET	EA	1.0	\$750.00	\$750.00	\$159.47	\$159.47	\$150.00	\$150.00
59	REMOVE INLET PROTECTION (IP) - 30' GRATE INLET	EA	1.0	\$125.00	\$125.00	\$21.54	\$21.54	\$25.00	\$25.00
60	SEDIMENT CONROL WATTLE (SCW), 9" DIAMETER	LF	44.0	\$5.20	\$228.80	\$4.80	\$211.20	\$4.00	\$176.00
61	REMOVE SEDIMENT CONTROL WATTLE	LF	44.0	\$1.10	\$48.40	\$1.44	\$63.36	\$2.00	\$88.00
62	UNCLASSIFIED EXCAVATION	CY	15.00	\$25.00	\$375.00	\$9.55	\$143.25	\$21.00	\$315.00
63	UNDER-CUT	CY	11.00	\$30.00	\$330.00	\$9.55	\$105.05	\$21.00	\$231.00
64	IMPORTED BACKFILL MATERIAL (GRADING)	CY	20.0	\$14.00	\$280.00	\$8.62	\$172.40	\$15.00	\$300.00
65	AASHTO T-180 SOIL TEST	EA	1.0	\$175.00	\$175.00	\$169.13	\$169.13	\$240.00	\$240.00
66	SAWING, ACC PAVEMENT	LF	43.0	\$5.50	\$236.50	\$3.02	\$129.86	\$10.00	\$430.00

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67	REMOVE CURB & GUTTER	LF	33.0	\$12.50	\$412.50	\$6.25	\$206.25	\$10.00	\$330.00
68	REMOVE ACC PAVEMENT	SY	18.5	\$20.00	\$370.00	\$7.44	\$137.64	\$10.00	\$185.00
69	ACC PAVING MOBILIZATIONS	EA	1.00	\$850.00	\$850.00	\$608.88	\$608.88	\$535.00	\$535.00
70	TYPE B66 CURB AND GUTTER	LF	28.00	\$35.00	\$980.00	\$23.19	\$649.32	\$40.00	\$1,120.00
71	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	6.50	\$120.00	\$780.00	\$216.49	\$1,407.19	\$190.00	\$1,235.00
72	AGGREGATE BASE COURSE, 1"	TON	12.50	\$32.00	\$400.00	\$22.43	\$280.38	\$30.00	\$375.00
73	TYPE "E" INLET (CITY STANDARD DETAIL 62-1), 6'	EA	1.00	\$7,500.00	\$7,500.00	\$2,433.67	\$2,433.67	\$3,300.00	\$3,300.00
74	CONNECT TO EXISTING INLET	EA	1.00	\$850.00	\$850.00	\$982.74	\$982.74	\$500.00	\$500.00
75	12" PVC STORM SEWER, SDR-35, GREEN	LF	18.00	\$52.00	\$936.00	\$46.42	\$835.56	\$50.00	\$900.00
76	SODDING	SY	25.00	\$9.25	\$231.25	\$8.08	\$202.00	\$8.00	\$200.00
77	TOPSOIL, PLACE 5" THICK (INCLUDING 1" INCORPORATED CO-COMPOST)	CY	4.00	\$40.00	\$160.00	\$31.90	\$127.60	\$85.00	\$340.00
78	SNOUT (OIL AND DEBRIS STOP)	EA	1.0	\$1,150.00	\$1,150.00	\$803.57	\$803.57	\$530.00	\$530.00



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79	12" SDR35 11.25 DEG BEND	EA	1.0	\$68.00	\$68.00	\$385.59	\$385.59	\$230.00	\$230.00
<b>TOTAL PROJECT #2</b>						\$19,138.00		\$11,924.28	\$14,775.00
<b>TOTAL PROJECT #1 &amp; PROJECT #2</b>						\$194,834.10		\$201,837.04	\$223,678.10

CONSULTANT

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

*Kale H. McNaboe*      *8-13-14*

Kale McNaboe, PE                      Date  
Sperlich Consulting, Inc.

CITY OF RAPID CITY

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*Mary Bosworth*                      *8-13-14*

Mary Bosworth, PE  
Project Manager