

BID AWARD SUMMARY

LETTING DATE: JUNE 29, 2021

PROJECT: Rapid City Landfill Cell 18 Debris Fencing & Phase II Berm
Project No. 21-2641 / CIP No. 51202.1

RECOMMENDATION: Award Total Bid of Schedule A and Schedule B in the amount of \$2,192,722.10 to Zandstra Construction, Incorporated at the July 6, 2021 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>SCHEDULE A</u>	<u>SCHEDULE B</u>
Zandstra Construction, Incorporated	\$1,267,471.00	\$925,251.10
Martin Construction, Inc.	\$1,382,585.96	\$1,011,183.04

City staff recommends awarding this project to Zandstra Construction, Incorporated for the total bid of Schedule A and Schedule B in the amount of \$2,192,722.10 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Solid Waste Capital Projects
ADVERTISING AUTHORITY	\$1,950,000.00	\$1,950,000.00
ENGINEER'S ESTIMATE	\$2,314,500.00	

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Solid Waste Capital Projects
COST CENTER		7104
LINE ITEM		4373
FUNDING CENTER		6150
BID AMOUNT	\$2,192,722.10	\$2,192,722.10

PROJECT MANAGER:



Eduardo Lopez, PE
City of Rapid City

DATE:

7/1/2021

PROJECT NAME: RAPID CITY LANDFILL CELL 18 DEBRIS FENCING & PHASE II BERM
PROJECT NUMBER: 21-2641 / CIP NO. 51202.1
LET DATE: JUNE 29, 2021
LOW BID AMOUNT: \$2,192,722.10

					ENGINEER'S ESTIMATE		ZANDSTRA CONSTRUCTION, INCORPORATED		MARTIN CONSTRUCTION, INC.	
ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SCHEDULE A										
A-1	001.01	MOBILIZATION	LS	1	\$80,650.00		\$135,000.00	\$135,000.00	\$136,617.20	\$136,617.20
A-2	001.02	INCIDENTAL SUBMITTALS AND SHOP DRAWINGS - FOR ENTIRE PROJECT (HARD CODED ALLOWANCE)	LS	1	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$51,725.83	\$51,725.83
A-3			LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
A-4	C02.01	UNCLASSIFIED EXCAVATION - CELL 15 BORROW	CY	76,000	\$5.00	\$380,000.00	\$5.50	\$418,000.00	\$6.24	\$474,240.00
A-5	C02.01	UNCLASSIFIED EXCAVATION - CELL 19 BORROW	CY	74,000	\$3.50	\$259,000.00	\$4.50	\$333,000.00	\$3.57	\$264,180.00
A-6	C07.02	TOPSOIL, PLACE	CY	3,270	\$15.00	\$49,050.00	\$4.00	\$13,080.00	\$2.58	\$8,436.60
A-7	C07.03	TOPSOIL, SALVAGE	CY	7,500	\$5.00	\$37,500.00	\$3.00	\$22,500.00	\$2.05	\$15,375.00
A-8	C07.06	HAUL AND PLACE COMPOST	CY	3,590	\$10.00	\$35,900.00	\$5.00	\$17,950.00	\$7.69	\$27,607.10
A-9	C08.01	PERMANENT SEED MIXTURE	LB	300	\$35.00	\$10,500.00	\$16.60	\$4,980.00	\$18.37	\$5,511.00
A-10		FERTILIZING	TON	1.2	\$2,000.00	\$2,400.00	\$1,780.00	\$2,136.00	\$3,001.90	\$3,602.28
A-11	H1.03	WATER POLLUTION CONTROL	LS	1	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$7,537.50	\$7,537.50
A-12		ROCK CHECK DAM	EA	8	\$75.00	\$600.00	\$2,000.00	\$16,000.00	\$2,545.03	\$20,360.24
A-13	H12.03	SILT FENCE, HIGH FLOW	LF	2,500	\$6.00	\$15,000.00	\$4.00	\$10,000.00	\$5.56	\$13,900.00
A-14	H12.02	SILT FENCE, MUCK	CY	250	\$6.00	\$1,500.00	\$11.00	\$2,750.00	\$9.45	\$2,362.50
A-15	H12.04	SILT FENCE REPAIR	LF	250	\$2.00	\$500.00	\$2.25	\$562.50	\$1.38	\$345.00

A-16		REMOVE SILT FENCE	LF	2,500	\$1.50	\$3,750.00	\$2.00	\$5,000.00	\$0.72	\$1,800.00
A-17		9" WATTLES	LF	2,000	\$5.50	\$11,000.00	\$4.25	\$8,500.00	\$3.58	\$7,160.00
A-18		SURFACE ROUGHENING	ACRE	10	\$350.00	\$3,500.00	\$800.00	\$8,000.00	\$2,799.00	\$27,990.00
A-19		FIBER REINFORCED MATRIX	TON	8.5	\$6,000.00	\$51,000.00	\$4,225.00	\$35,912.50	\$3,994.76	\$33,955.46
A-20		FURNISH AND PLACE ASPHALT MILLINGS	TON	1,520	\$50.00	\$76,000.00	\$30.00	\$45,600.00	\$25.36	\$38,547.20
A-21		HAUL AND PLACE RECYCLED CONCRETE	TON	90	\$10.00	\$900.00	\$50.00	\$4,500.00	\$29.31	\$2,637.90
A-22		8" HDPE PIPE AND FITTINGS	LF	165	\$60.00	\$9,900.00	\$80.00	\$13,200.00	\$114.42	\$18,879.30
A-23	L06.01	TRAFFIC CONTROL (BERM A & SOUTH DEBRIS NETTING ALIGNMENT)	LS	1	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$7,725.35	\$7,725.35
A-24	L06.02	TRAFFIC CONTROL PLAN (BERM A & SOUTH DEBRIS NETTING ALIGNMENT)	LS	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,430.00	\$2,430.00
A-25		TEMPORARY CONSTRUCTION FENCE (DURATION OF OVERALL PROJECT)	LF	1,600	\$2.00	\$3,200.00	\$3.50	\$5,600.00	\$5.43	\$8,688.00
A-26		30" TALL DEBRIS FENCING W/ WOOD SUPPORTS (SOUTH ALIGNMENT)	LF	1,550	\$158.00	\$244,900.00	\$84.00	\$130,200.00	\$80.10	\$124,155.00
A-27		POTABLE WATER	MGAL	750	\$8.00	\$6,000.00	\$10.00	\$7,500.00	\$38.21	\$28,657.50
A-28		NON-POTABLE - SOURCE A	MGAL	750	\$12.00	\$9,000.00	\$5.00	\$3,750.00	\$33.78	\$25,335.00
A-29		NON-POTABLE - SOURCE B	MGAL	750	\$15.00	\$11,250.00	\$3.00	\$2,250.00	\$27.10	\$20,325.00
BID SCHEDULE A TOTAL					\$1,348,000.00		\$1,267,471.00		\$1,382,585.96	
BID SCHEDULE B										
B-1	001.01	MOBILIZATION	LS	1	\$60,295.00	\$60,295.00	\$85,000.00	\$85,000.00	\$135,235.00	\$135,235.00
B-2	001.02	INCIDENTAL PROJECT CLOSEOUT (HARD CODED ALLOWANCE)	LS	1	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$37,827.90	\$37,827.90
B-3		UNCLASSIFIED EXCAVATION - CELL 15 BORROW	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
B-4	C02.01	UNCLASSIFIED EXCAVATION - CELL 19 BORROW	CY	1,000	\$5.00	\$5,000.00	\$10.00	\$10,000.00	\$7.83	\$7,830.00
B-5	C02.01	UNCLASSIFIED EXCAVATION - CELL 19 BORROW	CY	73,000	\$3.50	\$255,500.00	\$4.50	\$328,500.00	\$3.36	\$245,280.00

B-6		UNCLASSIFIED EXCAVATION - DRAINAGE CHANNELS	CY	2,500	\$5.00		\$12,500.00	\$10.00		\$25,000.00	\$3.11	\$7,775.00
B-7		BLOCK RETAINING WALL	SF	340	\$75.00		\$25,500.00	\$100.00		\$24,000.00	\$57.43	\$19,526.20
B-8	C07.02	TOPSOIL, PLACE	CY	5,200	\$1.50		\$7,800.00	\$4.00		\$20,800.00	\$2.58	\$13,416.00
B-9	C07.03	TOPSOIL, SALVAGE	CY	100	\$2.00		\$200.00	\$30.00		\$3,000.00	\$14.34	\$1,434.00
B-10		CONTRACTOR FURNISHED TOPSOIL	CY	2,100	\$25.00		\$52,500.00	\$30.00		\$63,000.00	\$40.05	\$84,105.00
B-11	C07.06	HAUL AND PLACE COMPOST	CY	3,950	\$10.00		\$39,500.00	\$5.00		\$19,750.00	\$7.69	\$30,375.50
B-12	D10.02	TYPE III FOUNDATION MATERIAL	T	10	\$100.00		\$1,000.00	\$100.00		\$1,000.00	\$132.15	\$1,321.50
B-13	H02.05	CLASS 3 RIP RAP	T	310	\$95.00		\$29,450.00	\$75.00		\$23,250.00	\$99.69	\$30,903.90
B-14	G39.01	TYPE B DRAINAGE FABRIC	SY	325	\$5.00		\$1,625.00	\$7.00		\$2,275.00	\$5.16	\$1,677.00
B-15	G06.05	30" STORM SEWER FLARED ENDS	EA	2	\$1,750.00		\$3,500.00	\$1,500.00		\$3,000.00	\$922.09	\$1,844.18
B-16	H02.06	30" STORM SEWER	LF	82	\$90.00		\$7,380.00	\$120.00		\$9,840.00	\$108.44	\$8,892.08
B-17	C08.01	PERMENANT SEED MIXTURE	LB	400	\$35.00		\$14,000.00	\$16.60		\$6,640.00	\$18.37	\$7,348.00
B-18		FERTILIZING	TON	2.0	\$2,000.00		\$4,000.00	\$17.80		\$35.60	\$3,002.89	\$6,005.78
B-19	H1.03	WATER POLLUTION CONTROL	LS	1	\$5,000.00		\$5,000.00	\$5,000.00		\$5,000.00	\$7,537.50	\$7,537.50
B-20	B04.05	SILT FENCE HIGH FLOW	LF	2,050	\$5.00		\$10,250.00	\$4.00		\$8,200.00	\$5.56	\$11,398.00
B-21	H15.01	SILT FENCE MUCK	CY	200	\$5.00		\$1,000.00	\$11.00		\$2,200.00	\$9.45	\$1,890.00
B-22	B04.05	REMOVE SILT FENCE	LF	2,050	\$1.50		\$3,075.00	\$2.00		\$4,100.00	\$0.72	\$1,476.00
B-23	H15.01	9" WATTLES	LF	2,000	\$5.50		\$11,000.00	\$5.50		\$11,000.00	\$3.58	\$7,160.00
B-24		SURFACE ROUGHENING	ACRE	12	\$350.00		\$4,200.00	\$800.00		\$9,600.00	\$2,799.00	\$33,568.00
B-25		TYPE 3 TURF REINFORCEMENT MAT	SY	3,370	\$5.00		\$16,850.00	\$6.15		\$20,725.50	\$7.72	\$26,016.40
B-26		BONDED FIBER MATRIX	TON	3.0	\$1,800.00		\$5,400.00	\$2,865.00		\$8,595.00	\$3,302.20	\$9,906.60

B-27		FIBER REINFORCED MATRIX	TON	10	\$6,000.00	\$60,000.00	\$3,830.00	\$38,300.00	\$3,994.76	\$39,947.60
B-28	101.01	AGGREGATE BASE COURSE, 1"	TON	165	\$55.00	\$9,075.00	\$40.00	\$6,600.00	\$23.71	\$3,912.15
B-29		FURNISH AND PLACE ASPHALT MILLINGS	TON	300	\$50.00	\$15,000.00	\$30.00	\$9,000.00	\$29.84	\$8,952.00
B-30		TRAFFIC CONTROL (BERM A & SOUTH DEBRIS NETTING ALIGNMENT)	LS	1	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$7,725.35	\$7,725.35
B-31	106.02	TRAFFIC CONTROL PLAN (BERM A & SOUTH DEBRIS NETTING ALIGNMENT)	LS	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,215.00	\$1,215.00
B-32		30' TALL DEBRIS FENCING W/WOOD SUPPORTS (NORTH ALIGNMENT)	LF	1,660	\$158.00	\$262,280.00	\$84.00	\$139,440.00	\$98.09	\$162,829.40
B-33		POTABLE WATER	MGAL	420	\$8.00	\$3,360.00	\$10.00	\$4,200.00	\$38.30	\$16,086.00
B-34		NON-POTABLE - SOURCE A	MGAL	420	\$12.00	\$5,040.00	\$5.00	\$2,100.00	\$33.88	\$14,229.60
B-35		NON-POTABLE - SOURCE B	MGAL	420	\$15.00	\$6,300.00	\$5.00	\$2,100.00	\$27.42	\$11,516.40
BID SCHEDULE B TOTAL					\$975,080.00	\$2,323,080.00	\$2,192,722.10	\$2,393,769.00	\$1,011,183.04	\$2,393,769.00
TOTAL (BID SCHEDULES A+B)						\$2,323,080.00		\$2,192,722.10		\$2,393,769.00

BID ALTERNATE										
		DEDUCT FOR ALLOWING ALTERNATE CONSTRUCTION SCHEDULE FOR 30' TALL DEBRIS FENCING W/ WOOD SUPPORTS (SOUTH ALIGNMENT)	LS	1	\$8,500.00	\$8,500.00	(\$5,000.00)	-\$5,000.00	(\$4,000.00)	(\$4,000.00)
ALT-1										

CONSULTANT

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

Jason Hinds, PE
FMG, Inc.

Date

7/1/21

CITY OF RAPID CITY
Reviewed by:

Eduardo Lopez, PE

Date

7/1/21