Banner Associates, Inc.
409 22nd Avenue South
Brookings, SD 57006
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Toll Free 855.323.6342
www.bannerassociates.com

September 29, 2020

Mr. Brian Gustad, Highway Superintendent
Brookings County Highway Department
422 Western Avenue
Brookings, SD 57006

RE: Structure and Approach Grading Str. No. 06-120-053
Brookings County, South Dakota
BAI No. 22916.00

Dear Mr. Gustad:

Enclosed is a copy of the Certified Bid Tabulation for the above-mentioned project. Unit price bids were received and opened this morning. Our opinion of probable construction cost was $2,650,000. A total of four (4) bids were received, ranging from a total of $2,995,762.50 to $2,143,923.20. We checked the provided unit prices and verified the total bid amount. A math error was found on one (1) bid, however it does not influence the low bid (Prahm Construction's total bid price was $2,452,414.76, but the corrected value is $2,452,027.76). The low bid was submitted by SFC Civil Constructors (Sioux Falls Construction) of Sioux Falls, SD in the amount of $2,143,923.20.

The difference between the two lowest bids is approximately $300,000. The low bid is approximately $500,000 less than our estimate. The unit prices appear to be fairly consistent throughout the bids, and consistent with the South Dakota DOT's average unit bid prices, with the major differences being in the demolition of the existing structure (Incidental Work, Structure) and the cost of the concrete (Class A45 Concrete, Bridge and Bridge Deck).

I spoke with Jared Gusso of SFC this afternoon. I informed Jared of the approximate differences in the unit price bids for the above-mentioned items, and he is comfortable with the prices submitted and is looking forward to performing this work as winter-work to keep his crew working over the winter, likely starting after the new year. All the items submitted with the bid appear to be in order, therefore it is our recommendation that the Contract be awarded to SFC Civil Constructors in the amount of $2,143,923.20.

Sincerely,

Colin W. Zwaschka, PE
Banner Associates, Inc.

Encl. Certified Bid Tabulation

BANNER
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BID TAB

PROJECT: Structure and Approach Grading, Str. No. 06-120-053
Brookings County, South Dakota
22916.00

CERTIFIED BY: _____

BID OPENING Time & Date: September 29, 2020 – 11:00 am

DATE: September 29, 2020

BID OPENING Location: Brookings County Commission Office
520 3rd Street, Suite 210
Brookings, South Dakota 57006

ENGINEER'S ESTIMATE: **$2,650,000.00**

Bidder Number	Bidder's Name and Address	Bid Security	Acknowledged Addendum (none issued)	Total for Unit Price Base Bid
1	Swingen Constructions Company PO Box 13456 Grand Forks, ND 58208-3456	10% Bid Bond	NA	$2,995,762.50
2	Journey Group Companies dba SFC Civil Constructors 4500 West 58th Street Sioux Falls, SD 57108	10% Bid Bond	NA	$2,143,923.20
3	Industrial Builders, Inc. PO Box 406 Fargo, ND 58107	10% Bid Bond	NA	$2,729,720.80
4	Prahm Construction, Inc. 1294 180th Avenue Slayton, MN 56172	10% Bid Bond	NA	* $2,452,027.76

* Denotes corrected value.

Extended Bid Tabulation - Structure Replacement 06-120-053

287'-0" Four-Span Prestressed Girder Bridge, 32'-6" Deck (30'-0" Roadway), T101 Railing
Asphalt Approach
Prepared by Banner Associates

GRADING				Engineer's Estimate		Swingen Construction		Sioux Falls Construction		Industrial Builders		Prahm Construction	
Bid Item Number	Item	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
009E0010	Mobilization	1	LS	$257,500.00	$257,500.00	$240,000.00	$240,000.00	$292,560.35	$292,560.35	$300,000.00	$300,000.00	$250,000.00	$250,000.00
100E0100	Clearing	1	LS	$5,150.00	$5,150.00	$9,385.00	$9,385.00	$1,200.00	$1,200.00	$6,000.00	$6,000.00	$3,500.00	$3,500.00
110E0730	Remove Beam Guardrail	500	Ft	$4.12	$2,060.00	$4.20	$2,100.00	$3.50	$1,750.00	$6.00	$3,000.00	$3.00	$1,500.00
110E1010	Remove Asphalt Concrete Pavement	2,080.0	SqYd	$5.15	$10,712.00	$5.00	$10,400.00	$3.60	$7,488.00	$5.00	$10,400.00	$4.75	$9,880.00
110E1690	Remove Sediment	1.6	CuYd	$20.60	$32.96	$52.50	$84.00	$50.00	$80.00	$50.00	$80.00	$300.00	$480.00
120E0010	Unclassified Excavation	700	CuYd	$15.45	$10,815.00	$15.75	$11,025.00	$6.50	$4,550.00	$6.00	$4,200.00	$18.50	$12,950.00
120E0600	Contractor Furnished Borrow Excavation	265	CuYd	$25.75	$6,823.75	$32.25	$8,546.25	$23.00	$6,095.00	$22.00	$5,830.00	$36.00	$9,540.00
120E6200	Water for Granular Material	8.5	Mgal	$257.50	$2,188.75	$100.00	$850.00	$33.20	$282.20	$35.00	$297.50	$95.00	$807.50
230E0010	Placing Topsoil	250	CuYd	$15.45	$3,862.50	$20.50	$5,125.00	$3.85	$962.50	$3.55	$887.50	$15.00	$3,750.00
260E1010	Base Course	1,705.0	Ton	$25.75	$43,903.75	$16.25	$27,706.25	$18.15	$30,945.75	$15.00	$25,575.00	$15.50	$26,427.50
320E1200	Asphalt Concrete Composite *	470.0	Ton	$118.45	$55,671.50	$100.00	$47,000.00	$138.40	$65,048.00	$100.00	$47,000.00	$95.00	$44,650.00
630E1010	Straight Class A W Beam Guardrail with Wood Posts	100.0	Ft	$30.90	$3,090.00	$32.50	$3,250.00	$32.60	$3,260.00	$29.00	$2,900.00	$28.00	$2,800.00
630E1140	Straight Double Class A W Beam Guardrail with Wood P	54.8	Ft	$66.95	$3,668.86	$65.00	$3,562.00	$38.40	$2,104.32	$34.00	$1,863.20	$32.00	$1,753.60
630E2015	W Beam Guardrail Flared End Terminal	4	Each	$3,090.00	$12,360.00	$2,625.00	$10,500.00	$2,720.00	$10,880.00	$2,520.00	$10,080.00	$2,400.00	$9,600.00
632E1320	2.0"x2.0" Perforated Tube Post	22	Ft	$15.45	$339.90	$15.75	$346.50	$17.00	$374.00	$15.75	$346.50	$15.00	$330.00
632E2220	Guardrail Delineator	16	Each	$30.90	$494.40	$15.75	$252.00	$17.00	$272.00	$16.00	$256.00	$15.00	$240.00
632E3526	Install State Furnished Sign	2	Each	$154.50	$309.00	$105.00	$210.00	$125.30	$250.60	$105.00	$210.00	$100.00	$200.00
633E1400	Pavement Marking Paint, 4" White	1,740	Ft	$0.52	$896.10	$0.55	$957.00	$0.60	$1,044.00	$0.53	$922.20	$0.50	$870.00
633E1405	Pavement Marking Paint, 4" Yellow	220	Ft	$0.52	$113.30	$0.55	$121.00	$0.60	$132.00	$0.53	$116.60	$0.50	$110.00
634E0110	Traffic Control Signs	146.5	SqFt	$7.73	$1,131.71	$4.00	$586.00	$4.53	$663.65	$4.20	$615.30	$4.00	$586.00
634E0120	Traffic Control, Miscellaneous	1	LS	$7,725.00	$7,725.00	$945.00	$945.00	$14,750.90	$14,750.90	$4,000.00	$4,000.00	$900.00	$900.00
634E0275	Type 3 Barricade	11	Each	$128.75	$1,416.25	$105.00	$1,155.00	$125.40	$1,379.40	$110.00	$1,210.00	$100.00	$1,100.00
634E1002	Detour Signing	430.2	SqFt	$15.45	$6,646.59	$10.00	$4,302.00	$11.33	$4,874.17	$11.00	$4,732.20	$10.00	$4,302.00
734E0010	Erosion Control	1	LS	$15,450.00	$15,450.00	$3,675.00	$3,675.00	$4,890.00	$4,890.00	$5,000.00	$5,000.00	$3,000.00	$3,000.00
734E0102	Type 2 Erosion Control Blanket	940	SqYd	$3.09	$2,904.60	$2.00	$1,880.00	$2.00	$1,880.00	$1.90	$1,786.00	$1.80	$1,692.00
734E0154	12" Diameter Erosion Control Wattle	700	Ft	$5.15	$3,605.00	$4.75	$3,325.00	$4.00	$2,800.00	$4.00	$2,800.00	$3.20	$2,240.00
734E0165	Remove and Reset Erosion Control Wattle	175	Ft	$3.09	$540.75	$3.00	$525.00	$1.20	$210.00	$1.00	$175.00	$1.00	$175.00
734E0630	Floating Silt Curtain	300	Ft	$15.45	$4,635.00	$13.75	$4,125.00	$18.69	$5,607.00	$18.00	$5,400.00	$16.50	$4,950.00
			Sub-Total:		$464,046.67		$401,938.00		$466,333.83		$445,683.00		$398,333.60

Extended Bid Tabulation - Structure Replacement 06-120-053

287'-0" Four-Span Prestressed Girder Bridge, 32'-6" Deck (30'-0" Roadway), T101 Railing
Asphalt Approach
Prepared by Banner Associates

STRUCTURE				Engineer's Estimate		Swingen Construction		Sioux Falls Construction		Industrial Builders		Prahm Construction	
Bid Item Number	Item	Quantity	Unit	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
009E5000	Concrete Penetrating Sealer	1033.1	SqYd	$8.76	$9,044.79	$5.00	$5,165.50	$5.00	$5,165.50	$4.00	$4,132.40	$5.00	$5,165.50
250E0030	Incidental Work, Structure	1	LS	$154,500.00	$154,500.00	$227,000.00	$227,000.00	$75,250.90	$75,250.90	$154,588.00	$154,588.00	$245,000.00	$245,000.00
410E0030	Structural Steel, Miscellaneous	1	LS	$7,725.00	$7,725.00	$30,175.00	$30,175.00	$14,287.40	$14,287.40	$25,000.00	$25,000.00	$13,750.00	$13,750.00
410E2600	Membrane Sealant Expansion Joint	60	Ft	$123.60	$7,416.00	$133.00	$7,980.00	$75.60	$4,536.00	$73.00	$4,380.00	$50.00	$3,000.00
420E0100	Structure Excavation, Bridge	802	CuYd	$257.50	$206,515.00	$727.00	$583,054.00	$550.68	$441,645.36	$500.00	$401,000.00	$470.00	$376,940.00
430E0200	Bridge End Embankment	310.0	CuYd	$25.75	$7,982.50	$32.00	$9,920.00	$70.10	$21,731.00	$22.00	$6,820.00	$22.00	$6,820.00
430E0300	Granular Bridge End Backfill	71.2	CuYd	$154.50	$11,000.40	$130.00	$9,256.00	$102.20	$7,276.64	$170.00	$12,104.00	$115.00	$8,188.00
430E0510	Approach Slab Underdrain Excavation	7	CuYd	$309.00	$2,286.60	$60.00	$444.00	$107.24	$793.58	$40.00	$296.00	$220.00	$1,628.00
430E0700	Precast Concrete Headwall for Drain	4	Each	$360.50	$1,442.00	$575.00	$2,300.00	$275.28	$1,101.12	$425.00	$1,700.00	$225.00	$900.00
460E0030	Class A45 Concrete, Bridge Deck	290	CuYd	$1,390.50	$402,827.85	$1,100.00	$318,670.00	$750.25	$217,347.43	$1,200.00	$347,640.00	$950.00	$275,215.00
460E0050	Class A45 Concrete, Bridge	239	CuYd	$1,184.50	$282,503.25	$1,350.00	$321,975.00	$710.65	$169,490.03	$1,500.00	$357,750.00	$1,035.00	$246,847.50
460E0150	Concrete Approach Slab for Bridge	137	SqYd	$309.00	$42,240.30	$270.00	$36,909.00	$185.70	$25,385.19	$290.00	$39,643.00	$445.00	$60,831.50
460E0160	Concrete Approach Sleeper Slab for Bridge	30	SqYd	$360.50	$10,815.00	$400.00	$12,000.00	$290.80	$8,724.00	$430.00	$12,900.00	$1,050.00	$31,500.00
464E0100	Controlled Density Fill	7	CuYd	$515.00	$3,553.50	$800.00	$5,520.00	$350.30	$2,417.07	$380.00	$2,622.00	$1,075.00	$7,417.50
470E0420	Type T101 Bridge Railing	574	Ft	$139.05	$79,814.70	$115.50	$66,297.00	$118.00	$67,732.00	$113.00	$64,862.00	$100.00	$57,400.00
480E0100	Reinforcing Steel	38,211	Lb	$1.65	$62,971.73	$4.00	$152,844.00	$1.35	$51,584.85	$3.40	$129,917.40	$1.31	$50,056.41
480E0200	Epoxy Coated Reinforcing Steel	77,208	Lb	$1.65	$127,238.78	$1.50	$115,812.00	$1.29	$99,598.32	$2.50	$193,020.00	$1.25	$96,510.00
510E0100	Extract Pile	3	Each	$515.00	$1,545.00	$500.00	$1,500.00	$445.08	$1,335.24	$1,600.00	$4,800.00	$150.00	$450.00
510E0300	Preboring Pile	100	Ft	$41.20	$4,120.00	$50.00	$5,000.00	$15.01	$1,501.00	$30.00	$3,000.00	$7.00	$700.00
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	395	Ft	$77.25	$30,513.75	$20.00	$7,900.00	$40.00	$15,800.00	$100.00	$39,500.00	$130.00	$51,350.00
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	3,790	Ft	$51.50	$195,185.00	$20.00	$75,800.00	$38.00	$144,020.00	$42.00	$159,180.00	$36.25	$137,387.50
560E8036	36" Minnesota Shape Prestressed Concrete Beam	1,132	Ft	$334.75	$378,937.00	$250.00	$283,000.00	$225.70	$255,492.40	$240.00	$271,680.00	$253.25	$286,679.00
680E0040	4" Underdrain Pipe	252	Ft	$20.60	$5,191.20	$20.00	$5,040.00	$15.80	$3,981.60	$35.00	$8,820.00	$7.00	$1,764.00
680E2500	Porous Backfill	27	Ton	$51.50	$1,411.10	$55.00	$1,507.00	$32.00	$876.80	$85.00	$2,329.00	$35.00	$959.00
700E0210	Class B Riprap	609	Ton	$61.80	$37,660.92	$70.00	$42,658.00	$46.50	$28,337.10	$41.00	$24,985.40	$38.75	$23,614.25
700E1100	Overburden Excavation for Riprap	887.0	CuYd	$103.00	$91,361.00	$295.00	$261,665.00	$10.55	$9,357.85	$10.00	$8,870.00	$69.00	$61,203.00
831E0110	Type B Drainage Fabric	806.0	SqYd	$4.12	$3,320.72	$5.50	$4,433.00	$3.50	$2,821.00	$3.10	$2,498.60	$3.00	$2,418.00
			Sub-Total:		$2,169,123.09		$2,593,824.50		$1,677,589.37		$2,284,037.80		$2,053,694.16
			Total (participating):		$2,577,498.27		$2,948,762.50		$2,078,875.20		$2,682,720.80		$2,407,377.76
			Non-Participating:		$55,671.50		$47,000.00		$65,048.00		$47,000.00		$44,650.00
			Total:		$2,633,169.77		$2,995,762.50		$2,143,923.20		$2,729,720.80		$2,452,027.76

Shaded cell denotes corrected value.
* Multiplication error (-$360.00), sumation error (-$27.00)