

KITTITAS COUNTY
DEPARTMENT OF PUBLIC WORKS

AGENDA STAFF REPORT

STUDY SESSION DATE: August 15, 2017

ACTION REQUESTED: Approve the Resolution to Award the Taneum Road Bridge Replacement and Washout Repair Project.

BACKGROUND: The East Taneum Road and Thorp Hwy intersection has been restricted in width by concrete traffic barrier due to the failure of the existing bridge.

West Taneum Road at MP 3.95 has washed out and is restricted to one lane by concrete traffic barrier.

The Department of Public Works solicited bids for the Taneum Road Bridge Replacement and Washout Repair contract in accordance with RCW 36.77.020 Contract Procedures. Sealed Bids were opened on August 9, 2017 at 10am.

Six (6) bids were received for the prescribed work. The lowest responsive bid was Razz Construction, Inc., in the amount of \$755,461.75 approximately 8% under the Engineer's Estimate of \$818,643.00.

The contract plans, specifications, and engineers estimate were prepared by Sargent Engineers for the replacement bridge and by County staff for the washout repair.

This project will install a new structure abutting an existing structure in the center of the intersection of Taneum Road and Thorp Hwy. Additionally wood studded rock revetment and hydraulic barbs will be utilized

to restore the washout portion of West Taneum Road.

INTERACTION: Public Works

RECOMMENDATION: Motion to approve the Resolution to Award the Taneum Road Bridge Replacement and Washout Repair Project contract and authorize the Director of Public Works to sign said contract documents.

HANDLING: Return a copy of the Resolution to Public Works.

ATTACHMENTS: Resolution, Bid Tabulations

LEAD STAFF: Lucas Huck, County Engineer

**BOARD OF COUNTY COMMISSIONERS
COUNTY OF KITTITAS
STATE OF WASHINGTON**

RESOLUTION NO. 2017 - _____

**TO AWARD THE CONTRACT FOR
THE TANEUM ROAD BRIDGE REPLACEMENT AND WASHOUT REPAIR
PROJECT AND AUTHORIZE THE PUBLIC WORKS DIRECTOR TO
EXECUTE SAME**

WHEREAS: The Department of Public Works solicited bids for the Taneum Road Bridge Replacement and Washout Repair Project contract in accordance with RCW 36.77.020 Contract Procedures; and

WHEREAS: Sealed bids were opened on August 9, 2017, in the Kittitas County Permit Center, Department of Public Works, 411 N. Ruby Street, Suite 1, Ellensburg, Washington; and

WHEREAS: Six (6) bids were received for the prescribed work. The Director of Public Works recommends the lowest responsive bid be accepted.

NOW, THEREFORE BE IT RESOLVED that the Board of County Commissioners, in the best interest of the public, does hereby award the contract for the Taneum Road Bridge Replacement and Washout Repair Project to Razz Construction, Inc., in the amount of \$755,461.75.

BE IT FURTHER RESOLVED that the Director for the Department of Public Works is authorized to sign the contract documents for said project.

DATED on this 15th day of August, 2017, at Ellensburg, Washington.

BOARD OF COUNTY
COMMISSIONERS
KITTITAS COUNTY, WASHINGTON

Paul Jewell, Chairman

Laura Osiadacz, Vice-Chairman

Obie O'Brien, Commissioner

Attest:

Clerk of the Board- Julie Kjorsvik

Deputy Clerk of the Board- Mandy Buchholz

BID TABS
Taneum Road Bridge Replacement and Washout Repair

BIDS OPENED PUBLICLY AT 10:00 AM ON AUGUST 9, 2017 AT KITITITAS COUNTY PUBLIC WORKS



RESPONSIVE BIDDER CRITERIA	RAZZ CONSTRUCTION, INC.	BELSAAS & SMITH CONSTRUCTION, INC.	STRIDER CONSTRUCTION CO., INC.
PROPOSAL COMPLETE	x	x	x
CERTIFICATE OF COMPLIANCE - WAGES	x	x	x
NON-COLLUSION DECLARATION	x	x	x
PROPOSAL BOND	x	x	x
LOCAL AGENCY SIGNATURE PAGE	x	x	x
PROPOSAL SIGNATURE PAGE	x	x	x
RECEIPT OF ADDENDA	x	x	x

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		LOW BIDDER		2ND BIDDER		3RD BIDDER	
				UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
PREPARATION											
1	MOBILIZATION	L.S.	1	64,994.58	64,994.58	75,000.00	75,000.00	120,000.00	120,000.00	220,000.00	220,000.00
25	1 CLEARING AND GRUBBING	ACRE	0.3	10,000.00	3,000.00	40,000.00	12,000.00	10,000.00	3,000.00	28,000.00	8,400.00
50	2 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	5,000.00	5,000.00	7,500.00	7,500.00	9,000.00	9,000.00	4,000.00	4,000.00
71	4 REMOVE EXISTING BRIDGE	L.S.	1	14,760.00	14,760.00	25,000.00	25,000.00	21,000.00	21,000.00	9,000.00	9,000.00
80	5 REMOVING BITUMINOUS PAVEMENT	S.Y.	1458	10.00	14,580.00	12.00	17,496.00	4.00	5,832.00	7.00	10,206.00
GRADING											
310	6 ROADWAY EXCAVATION INCL. HAUL	C.Y.	220	30.00	6,600.00	57.00	12,540.00	40.00	8,800.00	20.00	4,400.00
470	7 EMBANKMENT COMPACTION	C.Y.	50	2.00	100.00	25.00	1,250.00	10.00	500.00	25.00	1,250.00
DRAINAGE											
905	8 STEAMBED BOULDER ONE MAN	EACH	15	75.00	1,125.00	144.00	2,160.00	160.00	2,400.00	49.00	735.00
923	9 ROCK FOR EROSION AND SCOUR PROTECTION	CU TON	1082	50.00	54,100.00	80.00	86,560.00	25.00	27,050.00	56.00	60,592.00
1059	10 DROP INLET TYPE 2	EACH	1	8,000.00	8,000.00	6,000.00	6,000.00	2,700.00	2,700.00	4,800.00	4,800.00
1073	11 LIGHT LOOSE RIPRAP	TON	72	85.00	6,120.00	57.00	4,104.00	60.00	4,320.00	70.00	5,040.00
1086	12 QUARRY SPALLS	TON	54	45.00	2,430.00	43.00	2,322.00	40.00	2,160.00	60.00	3,240.00
1093	13 STEAMBED SEDIMENT	TON	23	60.00	1,380.00	79.00	1,817.00	60.00	1,380.00	35.00	805.00
1184	14 SCHEDULE A GULY PIPE 24 IN. DIAM.	L.F.	40	75.00	3,000.00	80.00	3,200.00	80.00	3,200.00	75.00	3,000.00
1272	15 CL. IV REINF. CONC. GULY PIPE 18 IN. DIAM.	L.F.	74	150.00	11,100.00	80.00	5,920.00	100.00	7,400.00	62.00	4,588.00
NS1	16 TEMP. STREAM DIVERSION/ISOLATION- THORP MILL	L.S.	1	10,000.00	10,000.00	32,500.00	32,500.00	50,000.00	50,000.00	60,000.00	60,000.00
NS1	17 TEMP. STREAM DIVERSION/ISOLATION- TANENUM CL.S.	L.S.	1	30,000.00	30,000.00	20,000.00	20,000.00	30,000.00	30,000.00	26,000.00	26,000.00
NS1	18 TYPE A LARGE WOODY MATERIAL STRUCTURE	EACH	6	2,000.00	12,000.00	1,200.00	7,200.00	1,400.00	8,400.00	1,500.00	9,000.00
NS1	19 TYPE B LARGE WOODY MATERIAL STRUCTURE	EACH	8	6,000.00	48,000.00	2,300.00	18,400.00	2,700.00	21,600.00	2,750.00	22,000.00
STRUCTURE											
4006	20 STRUCTURE EXCAVATION CLASS A INCL. HAUL	C.Y.	226	30.00	6,780.00	21.00	4,746.00	70.00	15,820.00	18.00	4,068.00

BID TABS
Taneum Road Bridge Replacement and Washout Repair

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		LOW BIDDER		2ND BIDDER		3RD BIDDER	
				COST	COST	COST	COST	COST	COST	COST	COST
4013	21 SHORING OR EXTRA EXCAVATION CL. A	L.S.	1	\$ 33,660.00	\$ 33,660.00	\$ 20,000.00	\$ 20,000.00	\$ 75,000.00	\$ 75,000.00	\$ 36,000.00	\$ 36,000.00
4025	22 GRAVEL BACKFILL FOR WALL	C.Y.	60	\$ 60.00	\$ 3,600.00	\$ 88.00	\$ 5,280.00	\$ 70.00	\$ 4,200.00	\$ 62.00	\$ 3,720.00
4149	23 ST. REINF. BAR FOR BRIDGE	LB	7189	\$ 2.00	\$ 14,378.00	\$ 1.75	\$ 12,580.75	\$ 3.00	\$ 21,567.00	\$ 1.25	\$ 8,986.25
4300	24 SUPERSTRUCTURE - TANEUM BRIDGE	L.S.	1	\$ 79,238.00	\$ 79,238.00	\$ 80,000.00	\$ 80,000.00	\$ 85,000.00	\$ 85,000.00	\$ 130,000.00	\$ 130,000.00
4322	25 CONC. CLASS 4000 FOR BRIDGE	C.Y.	60	\$ 1,500.00	\$ 90,000.00	\$ 600.00	\$ 36,000.00	\$ 990.00	\$ 59,400.00	\$ 950.00	\$ 57,000.00
4415	26 TRAFFIC BARRIER	L.F.	36	\$ 160.00	\$ 5,760.00	\$ 275.00	\$ 9,900.00	\$ 400.00	\$ 14,400.00	\$ 250.00	\$ 9,000.00
NSI	27 MEMBRANE WATERPROOFING (DECK SEAL)	S.Y.	74	\$ 45.00	\$ 3,330.00	\$ 20.00	\$ 1,480.00	\$ 40.00	\$ 2,960.00	\$ 60.00	\$ 4,440.00
	SURFACING										
5100	28 CRUSHED SURFACING BASE COURSE	TON	250	\$ 40.00	\$ 10,000.00	\$ 35.00	\$ 8,750.00	\$ 40.00	\$ 10,000.00	\$ 45.00	\$ 11,250.00
5120	29 CRUSHED SURFACING TOP COURSE	TON	60	\$ 65.00	\$ 3,900.00	\$ 36.00	\$ 2,160.00	\$ 50.00	\$ 3,000.00	\$ 45.00	\$ 2,700.00
	HOT MIX ASPHALT										
5767	30 HMA CL. 112 IN. PG. 64-28	TON	290	\$ 140.00	\$ 40,600.00	\$ 160.00	\$ 46,400.00	\$ 134.00	\$ 38,860.00	\$ 132.00	\$ 38,280.00
5837	31 ASPHALT COST PRICG ADJUSTMENT	EST	1	\$ 440.00	\$ 440.00	\$ 440.00	\$ 440.00	\$ 440.00	\$ 440.00	\$ 440.00	\$ 440.00
NSI	32 TEMPORARY HMA PAVING	S.Y.	440	\$ 100.00	\$ 44,000.00	\$ 35.00	\$ 15,400.00	\$ 27.00	\$ 11,880.00	\$ 26.00	\$ 11,440.00
	EROSION CONTROL AND ROADSIDE PLANTING										
6635	33 HIGH VISIBILITY SILT FENCE	L.F.	770	\$ 5.00	\$ 3,850.00	\$ 6.00	\$ 4,620.00	\$ 4.00	\$ 3,080.00	\$ 3.00	\$ 2,310.00
6403	34 ESC LEAD	DAY	32	\$ 150.00	\$ 4,800.00	\$ 50.00	\$ 1,600.00	\$ 50.00	\$ 1,600.00	\$ 75.00	\$ 2,400.00
6490	35 EROSION/WATER POLLUTION CONTROL	EST	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
	TRAFFIC										
6711	36 BEAM GUARDRAIL TYPE 31 - 8 FT. LONG POST	L.F.	350	\$ 35.00	\$ 12,250.00	\$ 33.00	\$ 11,550.00	\$ 22.00	\$ 7,700.00	\$ 30.00	\$ 10,500.00
6719	37 BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINA	EACH	2	\$ 3,300.00	\$ 6,600.00	\$ 3,000.00	\$ 6,000.00	\$ 2,800.00	\$ 5,600.00	\$ 2,700.00	\$ 5,400.00
6757	38 BEAM GUARDRAIL TYPE 31	L.F.	19	\$ 30.00	\$ 570.00	\$ 30.00	\$ 570.00	\$ 30.00	\$ 570.00	\$ 27.00	\$ 513.00
6760	39 BEAM GUARDRAIL TRANSITION SECTION TYPE 20	EACH	2	\$ 2,200.00	\$ 4,400.00	\$ 3,700.00	\$ 7,400.00	\$ 2,800.00	\$ 5,600.00	\$ 3,300.00	\$ 6,600.00
6766	40 BEAM GUARDRAIL ANCHOR TYPE 10	EACH	2	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,100.00	\$ 2,200.00	\$ 900.00	\$ 1,800.00
6806	41 PAINT LINE	L.F.	740	\$ 2.00	\$ 1,480.00	\$ 1.50	\$ 1,110.00	\$ 2.00	\$ 1,480.00	\$ 1.50	\$ 1,110.00
6971	42 PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$ 60,000.00	\$ 60,000.00	\$ 80,000.00	\$ 80,000.00	\$ 26,000.00	\$ 26,000.00	\$ 27,000.00	\$ 27,000.00
6896	43 TEMPORARY PAVEMENT MARKING-LONG DURATI	L.F.	740	\$ 1.00	\$ 740.00	\$ 1.50	\$ 1,110.00	\$ 2.00	\$ 1,480.00	\$ 1.50	\$ 1,110.00
	OTHER ITEMS										
7006	44 STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	69	\$ 40.00	\$ 2,760.00	\$ 20.00	\$ 1,380.00	\$ 57.00	\$ 3,933.00	\$ 8.00	\$ 552.00
7017	45 GRAVEL BACKFILL FOR PIPE ZONE BEDDING	C.Y.	17	\$ 50.00	\$ 850.00	\$ 35.00	\$ 595.00	\$ 44.00	\$ 748.00	\$ 29.00	\$ 493.00
7037	46 STRUCTURE SURVEYING	L.S.	1	\$ 3,000.00	\$ 3,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
7038	47 ROADWAY SURVEYING	L.S.	1	\$ 16,000.00	\$ 16,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 13,000.00	\$ 13,000.00
7114	48 REMOVING AND RESETTING WIRE FENCE	L.F.	50	\$ 20.00	\$ 1,000.00	\$ 30.00	\$ 1,500.00	\$ 20.00	\$ 1,000.00	\$ 10.00	\$ 500.00
7480	49 ROADSIDE CLEANUP	EST	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
7550	50 CONSTRUCTION GEOTEXTILE FOR PERMANENT	E.S.Y.	960	\$ 3.00	\$ 2,880.00	\$ 2.00	\$ 1,920.00	\$ 3.00	\$ 2,880.00	\$ 2.25	\$ 2,160.00
7715	51 FORCE ACCOUNT - LEAN CONCRETE	EST	1	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00

BID TABS
Tancum Road Bridge Replacement and Washout Repair

ITEM NO.	BID ITEM	ITEM DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		LOW BIDDER		2ND BIDDER		3RD BIDDER	
					UNIT COST	COST	RAZZ CONSTRUCTION, INC.	COST	BELSAAS & SMITH CONSTRUCTION, INC.	COST	STRIDER CONSTRUCTION CO., INC.	COST
7736	52	SPCC PLAN	L.S.	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
		SUBTOTAL CONSTRUCTION COST				\$ 787,157		\$ 755,461.75		\$ 775,641.00		\$ 885,929.25
		SALES TAX @ 0%										
		CONTINGENCY @ 4%				\$ 31,486						
		TOTAL CONSTRUCTION COST				\$ 818,643		\$ 755,461.75		\$ 775,641.00		\$ 885,929.25