KITTITAS COUNTY
DEPARTMENT OF PUBLIC WORKS

STAFF REPORT

AGENDA SESSION DATE:	March 3, 2015
ACTION REQUESTED:	Approve the Resolution to Award the Teanaway Road Improvements Project.
BACKGROUND:	The Department of Public Works solicited bids for the Teanaway Road Improvements contract in accordance with RCW 36.77.020 Contract Procedures. Sealed Bids were opened on February 19, 2015. Two (2) bids were received for the prescribed work. The base bid accounts for 7.29 Miles on Teanaway Road, and the Alternate accounts for 2.56 Miles on North Fork Teanaway, for a combined total of 9.85 Miles of Road Improvements. The lowest responsive bid was Granite Construction Co., for the amount of $3,000,300.00 for the Combined Base Bid and Alternate Total. The Engineer's Estimate for the complete project was $4,305,156.00. This contract provides for intersection improvements, bridge rail retrofit, guardrail construction, pavement overlay, road widening, and other associated improvements.
INTERACTION:	Public Works
RECOMMENDATION:	Motion to approve the Resolution to Award the Teanaway Road Improvements 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:	Mike Zabransky, Engineer Tech. II, KCPW

BOARD OF COUNTY COMMISSIONERS
COUNTY OF KITTITAS
STATE OF WASHINGTON

RESOLUTION NO. 2015 -_____

TO AWARD THE CONTRACT FOR
THE TEANAWAY ROAD IMPROVEMENTS PROJECT
AND AUTHORIZE THE PUBLIC WORKS DIRECTOR TO EXECUTE SAME

WHEREAS: The Department of Public Works solicited bids for the Teanaway Road Improvements Project contract in accordance with RCW 36.77.020 Contract Procedures; and

WHEREAS: Sealed bids were opened on February 19, 2015 in the Kittitas County Permit Center, Department of Public Works, 411 N. Ruby Street, Suite 1, Ellensburg, Washington; and

WHEREAS: Two (2) 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 Combined Base Bid and Alternate Teanaway Road Improvements Project to Granite Construction Co. for the amount of $3,000,300.00.

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 3rd day of March, 2015, at Ellensburg, Washington.

BOARD OF COUNTY COMMISSIONERS
KITTITAS COUNTY, WASHINGTON

_____
Gary Berndt, Chair

_____
Obie O'Brien, Vice-Chair

_____
Paul Jewell, Commissioner

ATTEST:

_____
Clerk of the Board

TEANAWAY ROAD IMPROVEMENTS BID TABULATION

BIDS OPENED PUBLICLY AT 10:00 AM ON FEBRUARY 19TH, 2015 AT KITTITAS COUNTY PUBLIC WORKS

RESPONSIVE BIDDER CRITERIA	GRANITE CONSTRUCTION CO.	COLUMBIA ASHPHALT & GRAVEL
PROPOSAL COMPLETE	X	x
LOCAL AGENCY SUBCONTRACTOR LIST	X	x
LOCAL AGENCY PROPOSAL BOND	X	X
LOCAL AGENCY SIGNATURE PAGE	X	x

BASE BID STA 0+00 TO 384+00

ITEM NO	BID ITEM	ITEM DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE UNIT COST	ENGINEER'S ESTIMATE COST	BIDDER #1 UNIT COST	BIDDER #1 COST	BIDDER #2 UNIT COST	BIDDER #2 COST
		PREPARATION								
0001	1	MOBILIZATION	L.S.	1	$ 248,000.00	$ 248,000	$ 118,380.05	$ 118,380.05	$ 110,350.00	$ 110,350.00
	2	CLEARING	L.S.	1	$ 15,000.00	$ 15,000	$ 8,000.00	$ 8,000.00	$ 18,000.00	$ 18,000.00
0038	3	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	EST.	1	$ 5,000.00	$ 5,000	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00
0050	4	REMOVAL OF STRUCTURE AND OBSTRUCTION	L.S.	1	$ 15,000.00	$ 15,000	$ 12,500.00	$ 12,500.00	$ 8,500.00	$ 8,500.00
		GRADING								
0310	5	ROADWAY EXCAVATION INCL. HAUL	C.Y.	162	$ 15.00	$ 2,430	$ 30.00	$ 4,860.00	$ 110.00	$ 17,820.00
0470	6	EMBANKMENT COMPACTION	C.Y.	148	$ 20.00	$ 2,960	$ 1.00	$ 148.00	$ 6.00	$ 888.00
		DRAINAGE								
1046	7	CONCRETE INLET	EACH	1	$ 1,200.00	$ 1,200	$ 1,500.00	$ 1,500.00	$ 1,065.00	$ 1,065.00
1220	8	CL. II REINF. CONC. CULV. PIPE 12 IN. DIAM.	L.F.	0	$ 100.00	$ -	$ -	$ -	$ -	$ -
1222	9	CL. II REINF. CONC. CULV. PIPE 18 IN. DIAM.	L.F.	0	$ 100.00	$ -	$ -	$ -	$ -	$ -
1363	10	TR. 1 ST. CULV. PIPE 0.064 IN. TH. 18 IN. DIAM.	L.F.	110	$ 70.00	$ 7,700	$ 130.00	$ 14,300.00	$ 53.00	$ 5,830.00
1364	11	TR. 1 ST. CULV. PIPE 0.064 IN. TH. 24 IN. DIAM.	L.F.	85	$ 70.00	$ 5,950	$ 150.00	$ 12,750.00	$ 62.00	$ 5,270.00
										$ -
		STRUCTURE								
4121	12	GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BAR	L.F.	80	$ 300.00	$ 24,000	$ 425.00	$ 34,000.00	$ 510.00	$ 40,800.00
4410	13	BRIDGE RAILING TYPE THRIE BEAM	L.F.	284	$ 150.00	$ 42,600	$ 85.00	$ 24,140.00	$ 90.15	$ 25,602.60
4455	14	MEMBRANE WATERPROOFING (DECK SEAL)	S.Y.	363	$ 25.00	$ 9,075	$ 23.00	$ 8,349.00	$ 30.00	$ 10,890.00
		SURFACING								
5100	15	CRUSHED SURFACING BASE COURSE	TON	791	$ 20.00	$ 15,820	$ 59.00	$ 46,669.00	$ 53.00	$ 41,923.00
		HOT MIXED ASPHALT								
5711	16	PLANING BITUMINOUS PAVEMENT	S.Y.	1833	$ 25.00	$ 45,825	$ 7.00	$ 12,831.00	$ 3.90	$ 7,148.70
5717	17	HMA FOR PRELEVELING CL. 1/2 IN. PG 64-28	TON	1440	$ 110.00	$ 158,400	$ 79.00	$ 113,760.00	$ 95.00	$ 136,800.00
5767	18	HMA CL. 1/2 IN. PG 64-28	TON	14622	$ 100.00	$ 1,462,200	$ 79.00	$ 1,155,138.00	$ 71.50	$ 1,045,473.00
5875	19	COMMERCIAL HMA	TON	39	$ 100.00	$ 3,900	$ 210.00	$ 8,190.00	$ 180.00	$ 7,020.00
6517	20	BRIDGE TRANSVERSE JOINT SEAL	L.F.	48	$ 30.00	$ 1,440	$ 15.00	$ 720.00	$ 15.75	$ 756.00
		EROSION CONTROL AND ROADSIDE PLANTING								
6373	21	SILT FENCE	L.F.	5765	$ 5.00	$ 28,825	$ 5.25	$ 30,266.25	$ 5.50	$ 31,707.50
6403	22	ESC LEAD	DAY	10	$ 150.00	$ 1,500	$ 25.00	$ 250.00	$ 90.00	$ 900.00
6416	23	SEEDING, FERTILIZING, AND MULCHING	L.S.	1	$ 9,000.00	$ 9,000	$ 4,000.00	$ 4,000.00	$ 3,000.00	$ 3,000.00
6490	24	EROSION/WATER POLLUTION CONTROL	EST.	1	$ 20,000.00	$ 20,000	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00

TEANAWAY ROAD IMPROVEMENTS BID TABULATION

BIDS OPENED PUBLICLY AT 10:00 AM ON FEBRUARY 19TH, 2015 AT KITTITAS COUNTY PUBLIC WORKS

RESPONSIVE BIDDER CRITERIA	GRANITE CONSTRUCTION CO.	COLUMBIA ASHPHALT & GRAVEL
PROPOSAL COMPLETE	X	x
LOCAL AGENCY SUBCONTRACTOR LIST	X	x
LOCAL AGENCY PROPOSAL BOND	X	X
LOCAL AGENCY SIGNATURE PAGE	X	x

BASE BID STA 0+00 TO 384+00

ITEM NO	BID ITEM	ITEM DESCRIPTION	UNIT	ENGINEER'S ESTIMATE QTY	ENGINEER'S ESTIMATE UNIT COST	ENGINEER'S ESTIMATE COST	BIDDER #1 UNIT COST	BIDDER #1 COST	BIDDER #2 UNIT COST	BIDDER #2 COST
		TRAFFIC								
6712	25	BEAM GUARDRAIL TYPE 31 - 9 FT. LONG POST	L.F.	11069	$ 30.00	$ 332,070	$ 23.00	$ 254,587.00	$ 24.25	$ 268,423.25
6719	26	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	EACH	30	$ 3,000.00	$ 90,000	$ 2,200.00	$ 66,000.00	$ 2,350.00	$ 70,500.00
6760	27	BEAM GUARDRAIL TRANSITION SECTION TYPE 20	EACH	4	$ 2,500.00	$ 10,000	$ 2,250.00	$ 9,000.00	$ 2,400.00	$ 9,600.00
6760	28	BEAM GUARDRAIL TRANSITION SECTION TYPE 22	EACH	4	$ 2,500.00	$ 10,000	$ 2,900.00	$ 11,600.00	$ 3,000.00	$ 12,000.00
6766	29	BEAM GUARDRAIL ANCHOR TYPE 10	EACH	14	$ 900.00	$ 12,600	$ 675.00	$ 9,450.00	$ 700.00	$ 9,800.00
6806	30	PAINT LINE	L.F.	38592	$ 0.20	$ 7,718	$ 0.10	$ 3,859.20	$ 0.14	$ 5,402.88
6858	31	PAINTED STOP LINE	L.F.	95	$ 5.00	$ 475	$ 5.00	$ 475.00	$ 5.30	$ 503.50
6971	32	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	$ 101,800.00	$ 101,800	$ 60,000.00	$ 60,000.00	$ 115,000.00	$ 115,000.00
										$ -
		OTHER								
7006	33	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	82	$ 15.00	$ 1,230	$ 19.50	$ 1,599.00	$ 10.00	$ 820.00
7008	34	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	517	$ 5.00	$ 2,585	$ 2.00	$ 1,034.00	$ 2.00	$ 1,034.00
7017	35	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	C.Y.	34	$ 60.00	$ 2,040	$ 55.00	$ 1,870.00	$ 33.50	$ 1,139.00
7038	36	ROADWAY SURVEYING	L.S.	1	$ 10,000.00	$ 10,000	$ 12,500.00	$ 12,500.00	$ 30,000.00	$ 30,000.00
7380	37	ADJUST MONUMENT CASE AND COVER	EACH	0	$ 500.00	$ -	$ -	$ -	$ -	$ -
7490	38	TRIMMING AND CLEANUP	L.S.	1	$ 10,000.00	$ 10,000	$ 1,250.00	$ 1,250.00	$ 5,200.00	$ 5,200.00
7725	39	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	1	$ 10,000.00	$ 10,000	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
7736	40	SPCC PLAN	L.S.	1	$ 3,000.00	$ 3,000	$ 500.00	$ 500.00	$ 625.00	$ 625.00
		SUBTOTAL				$ 2,729,343				
		CONTINGENCIES	10%			$ 272,934				
		BASE BID TOTAL				$ 3,002,278	$	2,079,475.50	$	2,084,791.43

ALTERNATE A1 STA 384+00 TO 521+00

ITEM NO	BID ITEM	ITEM DESCRIPTION	UNIT	ENGINEER'S ESTIMATE QTY	ENGINEER'S ESTIMATE UNIT COST	ENGINEER'S ESTIMATE COST	BIDDER #1 UNIT COST	BIDDER #1 COST	BIDDER #2 UNIT COST	BIDDER #2 COST
		PREPARATION								
0001	1	MOBILIZATION	L.S.	1	$ 108,000.00	$ 108,000	$ 10,000.00	$ 10,000.00	$ 9,100.00	$ 9,100.00
	2	CLEARING	L.S.	1	$ 17,000.00	$ 17,000	$ 8,000.00	$ 8,000.00	$ 25,000.00	$ 25,000.00
0038	3	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	EST.	1	$ 5,000.00	$ 5,000	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00
0050	4	REMOVAL OF STRUCTURE AND OBSTRUCTION	L.S.	0	$ -	$ -	$ -	$ -	$ -	$ -
		GRADING								
0310	5	ROADWAY EXCAVATION INCL. HAUL	C.Y.	66	$ 15.00	$ 990	$ 30.00	$ 1,980.00	$ 120.00	$ 7,920.00

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RESPONSIVE BIDDER CRITERIA	GRANITE CONSTRUCTION CO.	COLUMBIA ASHPHALT & GRAVEL
PROPOSAL COMPLETE	X	x
LOCAL AGENCY SUBCONTRACTOR LIST	X	x
LOCAL AGENCY PROPOSAL BOND	X	X
LOCAL AGENCY SIGNATURE PAGE	X	x

BASE BID STA 0+00 TO 384+00

ITEM NO.	BID ITEM	ITEM DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE UNIT COST	ENGINEER'S ESTIMATE COST	BIDDER #1 UNIT COST	BIDDER #1 COST	BIDDER #2 UNIT COST	BIDDER #2 COST
0470	6	EMBANKMENT COMPACTION	C Y	232	$ 20.00	$ 4,640	$ 1.00	$ 232.00	$ 6.00	$ 1,392.00
		DRAINAGE								
1046	7	CONCRETE INLET	EACH	0	$ 1,200.00	$ -	$ -	$ -	$ -	$ -
1220	8	CL. II REINF. CONC. CULV. PIPE 12 IN. DIAM.	L F	6	$ 100.00	$ 600	$ 350.00	$ 2,100.00	$ 235.00	$ 1,410.00
1222	9	CL. II REINF. CONC. CULV. PIPE 18 IN. DIAM.	L F	3	$ 100.00	$ 300	$ 450.00	$ 1,350.00	$ 425.00	$ 1,275.00
1363	10	TR. 1 ST. CULV. PIPE 0.064 IN. TH. 18 IN. DIAM.	L F	4	$ 70.00	$ 280	$ 150.00	$ 600.00	$ 170.00	$ 680.00
1364	11	TR. 1 ST. CULV. PIPE 0.064 IN. TH. 24 IN. DIAM.	L F	0	$ 70.00	$ -	$ -	$ -	$ -	$ -
		STRUCTURE								
4121	12	GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BAR	L F	270	$ 300.00	$ 81,000	$ 425.00	$ 114,750.00	$ 500.00	$ 135,000.00
4410	13	BRIDGE RAILING TYPE THRIE BEAM	L F	0	$ 150.00	$ -	$ -	$ -	$ -	$ -
4455	14	MEMBRANE WATERPROOFING (DECK SEAL)	S Y	0	$ 25.00	$ -	$ -	$ -	$ -	$ -
		SURFACING								
5100	15	CRUSHED SURFACING BASE COURSE	TON	591	$ 20.00	$ 11,820	$ 59.00	$ 34,869.00	$ 45.00	$ 26,595.00
		HOT MIXED ASPHALT								
5711	16	PLANING BITUMINOUS PAVEMENT	S Y	575	$ 25.00	$ 14,375	$ 7.00	$ 4,025.00	$ 4.70	$ 2,702.50
5717	17	HMA FOR PRELEVELING CL. 1/2 IN. PG 64-28	TON	514	$ 110.00	$ 56,540	$ 79.00	$ 40,606.00	$ 95.00	$ 48,830.00
5767	18	HMA CL. 1/2 IN. PG 64-28	TON	5508	$ 100.00	$ 550,800	$ 79.00	$ 435,132.00	$ 71.50	$ 393,822.00
5875	19	COMMERCIAL HMA	TON	13	$ 100.00	$ 1,300	$ 210.00	$ 2,730.00	$ 180.00	$ 2,340.00
6517	20	BRIDGE TRANSVERSE JOINT SEAL	L F	0	$ 30.00	$ -	$ -	$ -	$ -	$ -
		EROSION CONTROL AND ROADSIDE PLANTING								
6373	21	SILT FENCE	L F	6560	$ 5.00	$ 32,800	$ 5.25	$ 34,440.00	$ 5.50	$ 36,080.00
6403	22	ESC LEAD	DAY	5	$ 150.00	$ 750	$ 25.00	$ 125.00	$ 90.00	$ 450.00
6416	23	SEEDING, FERTILIZING, AND MULCHING	L.S.	1	$ 4,000.00	$ 4,000	$ 4,000.00	$ 4,000.00	$ 3,000.00	$ 3,000.00
6490	24	EROSION/WATER POLLUTION CONTROL	EST.	1	$ 10,000.00	$ 10,000	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
		TRAFFIC								
6712	25	BEAM GUARDRAIL TYPE 31 - 9 FT. LONG POST	L F	5219	$ 30.00	$ 156,570	$ 23.00	$ 120,037.00	$ 24.25	$ 126,560.75
6719	26	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	EACH	13	$ 3,000.00	$ 39,000	$ 2,200.00	$ 28,600.00	$ 2,350.00	$ 30,550.00
6760	27	BEAM GUARDRAIL TRANSITION SECTION TYPE 20	EACH	4	$ 2,500.00	$ 10,000	$ 2,250.00	$ 9,000.00	$ 2,400.00	$ 9,600.00
6760	28	BEAM GUARDRAIL TRANSITION SECTION TYPE 22	EACH	0	$ 2,500.00	$ -	$ -	$ -	$ -	$ -
6766	29	BEAM GUARDRAIL ANCHOR TYPE 10	EACH	7	$ 900.00	$ 6,300	$ 675.00	$ 4,725.00	$ 700.00	$ 4,900.00

TEANAWAY ROAD IMPROVEMENTS BID TABULATION

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RESPONSIVE BIDDER CRITERIA	GRANITE CONSTRUCTION CO.	COLUMBIA ASHPHALT & GRAVEL
PROPOSAL COMPLETE	X	x
LOCAL AGENCY SUBCONTRACTOR LIST	X	x
LOCAL AGENCY PROPOSAL BOND	X	X
LOCAL AGENCY SIGNATURE PAGE	X	x

BASE BID STA 0+00 TO 384+00

ITEM NO	BID ITEM	ITEM DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE UNIT COST	ENGINEER'S ESTIMATE COST	BIDDER #1 UNIT COST	BIDDER #1 COST	BIDDER #2 UNIT COST	BIDDER #2 COST
6806	30	PAINT LINE	L.F.	13750	$ 0.20	$ 2,750	$ 0.10	$ 1,375.00	$ 0.14	$ 1,925.00
6858	31	PAINTED STOP LINE	L.F.	42	$ 5.00	$ 210	$ 5.00	$ 210.00	$ 5.30	$ 222.60
6971	32	PROJECT TEMPORARY TRAFFIC CONTROL	L.S	1	$ 51,800.00	$ 51,800	$ 28,000.00	$ 28,000.00	$ 54,000.00	$ 54,000.00
		OTHER								
7006	33	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	1	$ 15.00	$ 15	$ 19.50	$ 19.50	$ 100.00	$ 100.00
7008	34	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	7	$ 5.00	$ 35	$ 2.00	$ 14.00	$ 6.00	$ 42.00
7017	35	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	C.Y.	1	$ 60.00	$ 60	$ 55.00	$ 55.00	$ 33.50	$ 33.50
7038	36	ROADWAY SURVEYING	L.S.	1	$ 5,000.00	$ 5,000	$ 10,500.00	$ 10,500.00	$ 13,500.00	$ 13,500.00
7380	37	ADJUST MONUMENT CASE AND COVER	EACH	2	$ 500.00	$ 1,000	$ 800.00	$ 1,600.00	$ 1,350.00	$ 2,700.00
7490	38	TRIMMING AND CLEANUP	L.S.	1	$ 5,000.00	$ 5,000	$ 1,250.00	$ 1,250.00	$ 5,100.00	$ 5,100.00
7725	39	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST.	1	$ 5,000.00	$ 5,000	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00
7736	40	SPCC PLAN	L.S.	1	$ 1,500.00	$ 1,500	$ 500.00	$ 500.00	$ 625.00	$ 625.00
		SUBTOTAL				$ 1,184,435				
		CONTINGENCIES	10%			$ 118,444				
		ALTERATE TOTAL				$ 1,302,879	$	920,824.50	$	965,455.35
		COMBINED BASE BID & ALTERNATE TOTAL				**$ 4,305,156**	**$**	**3,000,300.00**		**$3,050,246.78**