

Bid Award Work Sheet

DEPARTMENT

Public Works - Engineering and Construction Division

BID NAME

CRP# 333312 - NE Sunset Falls Road Pavement Rehabilitation
(Dole Valley Road to Sunset Campground)

BID DESCRIPTION

The Sunset Falls Road project is a pavement rehabilitation project that includes a cement treated base stabilization, structural overlay, and upgrade substandard guardrail.

SOURCE OF FUNDS

Federal Discretionary Funds – Western Federal Lands, County Road Fund

BUDGET IMPACT

In adopted 2015 budget, adopted 2015 ACP, and 2015-2020 TIP

ALTERNATIVES CONSIDERED

None

RECOMMENDATION

Public Works intends to award this bid to the lowest responsive bidder.



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CLARK COUNTY
WASHINGTON

TO: Board of County Councilors

FROM: Michael Westerman, Purchasing Manager 

DATE: May 8, 2015

SUBJECT: Award of CRP #333312 – NE Sunset Falls Road Pavement Rehabilitation - Dole Valley Road to Sunset Campground

The Sunset Falls Road project is a pavement rehabilitation project that includes a cement treated base stabilization, structural overlay, and upgrade substandard guardrail.

Purchasing received two responses to CRP #333312. The bids were checked for accuracy, content, and compliance to specifications.

Purchasing and Public Works recommend that NE Sunset Falls Road Pavement Rehabilitation, be awarded to the low bidder, Tapani, Inc. of Battle Ground, WA, including Alternate #1, in the total bid amount of \$2,682,699.00 including Washington State Sales Tax, and grant authority to the County Manager to sign all bid related contracts.



SUNSET FALLS ROAD PAVEMENT REHABILITATION



CLARK COUNTY
WASHINGTON

MEMORANDUM

TO: Michael Westerman, Purchasing Manager

FROM: Gunnar Fridriksson, P.L.S., P.E., Construction Manager
for
Heath Henderson, P.E., Director/County Engineer

DATE: May 7, 2015

REF: NE Sunset Falls Road Pavement Rehabilitation
Dole Valley Road to Sunset Campground
CRP# 333312
Federal Aid # WFL# WA CLARK 649(1)

SUBJECT: BID AWARD

Description of work:

The Sunset Falls Road project is a pavement rehabilitation project that includes a cement treated base stabilization and structural overlay, and upgrade substandard guardrail.

Primary bid items: Mobilization; Roadway Excavation (Incl. Haul); Crushed Surfacing Base Course; HMA Cl.; Beam Guardrail (Incl, Removing and resetting); Traffic Control.

Below is a brief summary of the costs for the NE Sunset Falls Road Pavement Rehabilitation project:

Expenses

Design/Engineering/Permitting	345,000
Real-Estate Work	5,000
Construction Bid	2,682,699
Construction management/survey/inspection	200,000
Total Project Estimated Cost:	3,233,699

Budgeted Revenue

County Road Fund	776,699
Federal Discretionary Funds	2,457,000
Total Budgeted Revenues:	3,233,699

This project will provide 37 family wage jobs for the community.



The Department of Public Works has reviewed the submitted bids for the proposed construction of the above subject project.

The bids have been checked for accuracy and compliance with the bidding requirements.

Two (2) firms submitted bids in the amounts shown on the attached Tabulation of Bids and Bidders. The low bid of \$2,682,699.00 was submitted by Tapani, Inc. of Battle Ground, Washington.

We recommend that the Board of County Councilors award the contract for the construction of NE Sunset Falls Road Pavement Rehabilitation (Dole Valley Road to Sunset Campground), CRP#333312, to Tapani, Inc. in the amount of \$2,682,699.00.

Attachment: 1) Tabulated Bids
2) Aerial Map

cc w/enc: Bill Wright, Transportation Programming Manager
Gunnar Fridriksson – Construction Manager
Amanda Miller, Auditor/Accounting
Susan Wilson, Project Manager
Matt Hall – Project Management Manager
Tom Grange – Engineering & Construction Division Manager
Heath Henderson – Public Works Director/County Engineer
Project File – Contract
Project File – Correspondence

DATE OF BID OPENING: May 5, 2015			County Road Project: NE Sunset Falls Rd. Pavement Rehabilitation Project				C.R.P.# 333312					
Spec Yr: 14			PUBLIC SERVICE CENTER, SIXTH FLOOR Commissioners Hearing Room Office of Clark County Commissioners			ENGINEER'S ESTIMATE		Tapani, Inc. 1904 SE 6th Place Battle Ground, WA 98604 360-687-1148		Granite Construction Company 18028-A SE 1st Street Vancouver, WA 98684 360-254-0978		
ITEM NO.	BID ITEM IDENT NO	QUANTITY	BID ITEM DESCRIPTION	UNIT	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total

PART 1 - ROAD IMPROVEMENTS

Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices.

1	101.07	1.00	MOBILIZATION	L.S.	\$186,450.00	\$186,450.00	\$136,700.00	\$136,700.00	\$280,000.00	\$280,000.00		
2	105.4	1.00	REPLACEMENT STAKING SERVICES	HOOR	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00		
3	107.15	1.00	SPCC PLAN	L.S.	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00		
4	108.01	1.00	TYPE B PROGRESS SCHEDULE(Minimum bid of \$5,000.00)	L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
5	110	1.00	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	\$261,029.00	\$261,029.00	\$250,000.00	\$250,000.00	\$296,355.00	\$296,355.00		
6	202.03	1.00	REMOVING MISCELLANEOUS TRAFFIC ITEM	L.S.	\$2,000.00	\$2,000.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00		
7	203.01	1100.00	ROADWAY EXCAVATION INCL. HAUL	C.Y.	\$10.00	\$11,000.00	\$17.00	\$18,700.00	\$18.00	\$19,800.00		
8	209.1	47.00	CONTROLLED DENSITY FILL	C.Y.	\$125.00	\$5,875.00	\$270.00	\$12,690.00	\$295.00	\$13,865.00		
9	209.08	200.00	SHORING OR EXTRA EXCAVATION CL. B	S.F.	\$5.00	\$1,000.00	\$1.00	\$200.00	\$1.00	\$200.00		
10	210	50.00	DITCH EXCAVATION INCL. HAUL	C.Y.	\$16.00	\$800.00	\$190.00	\$9,500.00	\$205.00	\$10,250.00		
11	212.41	45.00	PAVING FABRIC REINFORCEMENT	S.Y.	\$20.00	\$900.00	\$22.00	\$990.00	\$15.00	\$675.00		
12	404.11	6224.00	CRUSHED SURFACING BASE COURSE FROM STOCKPILE	TON	\$21.00	\$130,704.00	\$20.00	\$124,480.00	\$19.00	\$118,256.00		
13	406.06	62820.00	FULL DEPTH RECLAMATION	S.Y.	\$1.70	\$106,794.00	\$3.15	\$197,883.00	\$4.00	\$251,280.00		
14	406.07	1955.00	CEMENT FOR CEMENT TREATED BASE	TON	\$135.00	\$263,925.00	\$150.00	\$293,250.00	\$130.00	\$254,150.00		
15	504.02	14984.00	HMA CL. 1/2 IN. PG 64-22	TON	\$80.00	\$1,198,720.00	\$90.00	\$1,348,560.00	\$88.50	\$1,326,084.00		
16	504.07	100.00	HMA FOR APPROACH CL. 1/2 IN. PG 64-22	TON	\$100.00	\$10,000.00	\$115.00	\$11,500.00	\$120.00	\$12,000.00		
17	504.4	270.00	SAWCUT ASPHALT PAVEMENT	L.F.	\$3.00	\$810.00	\$3.50	\$945.00	\$3.00	\$810.00		
18	610.1	80.00	REMOVING AND RESETTING EXISTING PERMANENT BARRIER	L.F.	\$8.00	\$640.00	\$13.00	\$1,040.00	\$10.00	\$800.00		
19	610.14	70.00	REMOVING EXISTING PERMANENT BARRIER	L.F.	\$15.00	\$1,050.00	\$6.50	\$455.00	\$10.00	\$700.00		
20	614.07	41.00	GEOSYNTHETIC WALL F-SHAPE TRAFFIC BARRIER	L.F.	\$500.00	\$20,500.00	\$420.00	\$17,220.00	\$480.00	\$19,680.00		
21	702.57	40.00	CULVERT PIPE 18 IN. DIAM.	L.F.	\$50.00	\$2,000.00	\$130.00	\$5,200.00	\$145.00	\$5,800.00		
22	801.01	50.00	ESC LEAD	DAY	\$120.00	\$6,000.00	\$30.00	\$1,500.00	\$100.00	\$5,000.00		
23	801.26	0.30	SEEDING, FERTILIZING AND MULCHING	ACRE	\$2,000.00	\$600.00	\$4,800.00	\$1,440.00	\$4,500.00	\$1,350.00		
24	801.58	150.00	BIODEGRADABLE EROSION CONTROL BLANKET	S.Y.	\$5.00	\$750.00	\$4.50	\$675.00	\$4.50	\$675.00		
25	801.18	1.00	EROSION/WATER POLLUTION CONTROL	EST.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
26	801.41	1.00	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE	EACH	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00		
27	804.09	180.00	EXTRUDED CURB	L.F.	\$10.00	\$1,800.00	\$17.00	\$3,060.00	\$15.00	\$2,700.00		
28	811.08	165.00	BEAM GUARDRAIL TYPE 31	L.F.	\$35.00	\$5,775.00	\$22.00	\$3,630.00	\$19.00	\$3,135.00		
29	811.36	2.00	BEAM GUARDRAIL FLARED TERMINAL	EACH	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	\$1,825.00	\$3,650.00		
30	811.37	9.00	BEAM GUARDRAIL NON-FLARED TERMINAL	EACH	\$2,000.00	\$18,000.00	\$2,600.00	\$23,400.00	\$2,285.00	\$20,565.00		
31	811.43	4580.00	REMOVING AND RESETTING BEAM GUARDRAIL	L.F.	\$10.00	\$45,800.00	\$9.00	\$41,220.00	\$7.50	\$34,350.00		
32	811.45	179.00	REMOVING GUARDRAIL	L.F.	\$7.00	\$1,253.00	\$7.00	\$1,253.00	\$5.50	\$984.50		
33	811.46	3.00	REMOVING GUARDRAIL ANCHOR	EACH	\$225.00	\$675.00	\$235.00	\$705.00	\$200.00	\$600.00		
34	811.6	18.00	BEAM GUARDRAIL TYPE 31 - 8 FT. LONG POST	L.F.	\$40.00	\$720.00	\$33.50	\$603.00	\$28.75	\$517.50		
35	811.62	300.00	BEAM GUARDRAIL TYPE 31 - 11 FT. LONG POST	L.F.	\$35.00	\$10,500.00	\$35.00	\$10,500.00	\$30.00	\$9,000.00		
36	811.7	4.00	BEAM GUARDRAIL TRANSITION SECTION TYPE 21	EACH	\$2,000.00	\$8,000.00	\$4,100.00	\$16,400.00	\$3,500.00	\$14,000.00		
37	826.01	4.00	SPEED BUMP	EACH	\$250.00	\$1,000.00	\$950.00	\$3,800.00	\$750.00	\$3,000.00		
Part 1 Total						\$2,319,370.00		\$2,553,899.00		\$2,722,532.00		

TOTAL BID (Part 1)					\$2,319,370.00	\$2,553,899.00	\$2,722,532.00		
RANKING					ENGINEER'S ESTIMATE	FIRST	SECOND	THIRD	FOURTH
% OVER OR UNDER ENGR. EST.						10.11%	17.38%	-100.00%	-100.00%

PART 2 - ADDITIONAL GUARDRAIL (ALTERNATE)

Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices.

38	811.08	3400	BEAM GUARDRAIL TYPE 31	L.F.	\$20.00	\$68,000.00	\$22.00	\$74,800.00	\$19.00	\$64,600.00		
39	811.37	20	BEAM GUARDRAIL NON-FLARED TERMINAL	EACH	\$2,000.00	\$40,000.00	\$2,700.00	\$54,000.00	\$2,285.00	\$45,700.00		
Part 2 Total						\$108,000.00		\$128,800.00		\$110,300.00		

TOTAL BID (Part 1 + Part 2)					\$2,427,370.00	\$2,682,699.00	\$2,832,832.00		
RANKING					ENGINEER'S ESTIMATE	FIRST	SECOND	THIRD	FOURTH
% OVER OR UNDER ENGR. EST.						10.52%	16.70%	-100.00%	-100.00%