



proud past, promising future

CLARK COUNTY
WASHINGTON

GENERAL SERVICES

Office of Purchasing

TO: Acting County Manager

FROM: Michael Westerman, Purchasing Manager *u*

DATE: February 11, 2016

SUBJECT: Award of CRP #322112 – Carty Road Reconstruction
NE 10th Avenue to NW Hillhurst Avenue

The Carty Road Reconstruction project entails replacing an existing, undersized, failing culvert, with a new culvert structure spanning Gee Creek in northwest Clark County near the City of Ridgefield. The new structure will allow aquatic life and fluvial debris to pass, and accommodate 100 year flood flows. Construction will also include clearing trees, placing riprap, grade control structures in the channel, localized road widening, install new guardrail, and upgrade existing guardrail.

Purchasing received ten responses to CRP #322112. The bids were checked for accuracy, content, and compliance to specifications.

Purchasing and Public Works recommend the Carty Road Reconstruction be awarded to the low bidder, Thompson Bros. Excavating Inc. of Vancouver, WA, in the total bid amount of \$1,591,114.00 including Washington State Sales Tax.

Approved award

Mark McCauley
Mark McCauley, Acting County Manager
Clark County, Washington

2/17/16
Date



proud past, promising future

CLARK COUNTY
WASHINGTON

PUBLIC WORKS

MEMORANDUM

TO: Michael Westerman, Purchasing Manager

FROM: David Dolan, P.E., PMP, Construction Manager *DWD*
for
Heath Henderson, P.E., Director/County Engineer

DATE: February 10, 2016

REF: Carty Road Reconstruction
NE 10th Avenue to NW Hillhurst Avenue
CRP #322112
Federal Aid # STPR-E068(001)
WSDOT Contract # TA-5613

SUBJECT: BID AWARD

The Carty Road Reconstruction project entails replacing an existing, undersized, failing culvert, with a new culvert structure spanning Gee Creek in northwest Clark County near the City of Ridgefield. The new structure will allow aquatic life and fluvial debris to pass, and accommodate 100 year flood flows. Construction will also include clearing trees, placing riprap, grade control structures in the channel, and localized road widening.

Pavement in the project area will be fully reconstructed due to the need to construct an open trench to remove the existing culvert and install a new CMP. A structural overlay will be constructed throughout the project limits to tie back into existing asphalt. New guardrail will be installed and existing guardrail upgraded to shield motorist from hazards located along the side of the roadway.

Below is a brief summary of the costs for the Carty Road Reconstruction project:

Expenses

Design/Engineering	\$383,500
Right-of-Way/Real Properties	\$50,000
Construction Contract -	\$1,591,114
Construction Management & Engineering	\$133,554
Total Project Estimated Cost:	\$2,158,168

Budgeted Revenue

State of Washington – County Road Administration Board - Rural Arterial Program (Grant)	\$275,000
Regional Transportation Council Surface Transportation Program – Rural (Grant)	\$1,300,000
County Road Fund	\$943,168
Total Budgeted Revenues:	\$2,158,168

This project will provide **16** 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.

Ten (10) firms submitted bids in the amounts shown on the attached Tabulation of Bids and Bidders. The low bid of \$1,591,114.00 was submitted by Thompson BROS Excavating, INC. of Vancouver, WA.

We recommend that the Acting County Manager award the contract for the construction of Carty Road Reconstruction NE 10th Avenue to NW Hillhurst Avenue, CRP #322112, to Thompson BROS Excavating, INC in the amount of \$1,591,114.00.

Attachment: 1) Tabulated Bids
2) Aerial Map

cc w/enc: Susan Wilson - Transportation Programming Manager
Amanda Miller - Auditor/Accounting
Scot Brantley - 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



CARTY ROAD RECONSTRUCTION

DATE OF BID OPENING: February 2, 2018

County ID Project: Carmy Road Culvert Replacement

G.R.P.# 322112

Spec Yr: 14

PUBLIC SERVICE CENTER, SIXTH FLOOR
Commissioner Hearing Room
Office of Clerk County Commissioners

Thompson Bros., Excavating
1821 N Fourth Plain Rd.
Vancouver, WA 98662
360-256-7058

Tapien, Inc.
1804 SE 6th Place
Bathie Ground, WA 98664
360-487-1148

Coil Construction LLC
PO Box 1434
Vancouver, WA 98665
360-484-6594

Keystone Contracting, Inc.
417 HW 260th Street
Ridgeland, WA 98642
360-387-0909

Rotachey Inc.
9210 NE 62nd Ave
Vancouver, WA 98666
360-534-1171

Elliott Northwest Inc.
PO Box 1400
Clarkamas, OR 97015
503-855-0066

McDonald Excavating Inc.
2719 Main Street
Washouak, WA 98771
360-425-6734

Nutter Corporation
721-A NE 43rd Avenue
Vancouver, WA 98661
360-675-2100

Karr Contractors Oregon, Inc.
PO Box 1080
Woodburn, OR 97071
503-719-0050

Anderson Environmental
705 Colorado Street
Kelso, WA 98626
360-427-4774

ITEM NO.	BID ITEM KEYWORD	QUANTITY	BID ITEM DESCRIPTION	UNIT	UNITS PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total
SCHEDULE 1 - SITE 1																
1	101.07	1.00	MOBILIZATION	L.S.	\$87,100.00	\$87,100.00	\$38,000.00	\$38,000.00	\$86,000.00	\$86,000.00	\$125,000.00	\$125,000.00	\$110,000.00	\$110,000.00	\$112,366.28	\$112,366.28
2	101.12	1.00	CONSTRUCTION SURVEYING	L.S.	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$110,000.00	\$125,000.00	\$125,000.00	\$110,000.00	\$110,000.00	\$112,366.28	\$112,366.28
3	107.15	1.00	SPCC PLAN	L.S.	\$1,600.00	\$1,600.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
4	108.01	1.00	TYPE B PROGRESS SCHEDULE/Minimum bid of \$2,600.00	L.S.	\$10,000.00	\$10,000.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00
5	108.07	1.00	INCENTIVE FOR EARLY COMPLETION OF FULL ROADWAY CLOSURE	EST	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
6	110.01	1.00	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	\$34,300.00	\$34,300.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$27,000.00	\$27,000.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00
7	110.01	1.00	TRAFFIC CONTROL SUPERVISOR	L.S.	\$4,400.00	\$4,400.00	\$900.00	\$900.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
8	110.02	704.00	FLAGGERS	HOUR	\$80.00	\$42,240.00	\$50.00	\$35,200.00	\$65.00	\$32,720.00	\$80.00	\$42,240.00	\$60.00	\$33,600.00	\$49.00	\$34,496.00
9	201.01	1.00	CLEARING AND GRUBBING	ACRE	\$115,000.00	\$115,000.00	\$8,200.00	\$8,200.00	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$36,000.00	\$36,000.00
10	201.01	1.00	REMOVAL OF EXISTING EMBANKMENT AND OBSTRUCTION	CU.YD	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
11	203.01	2298.00	ROADWAY EXCAVATION INCL. HAUL	C.Y.	\$116.00	\$336,768.00	\$13.00	\$29,948.00	\$14.00	\$32,144.00	\$16.00	\$36,736.00	\$16.00	\$37,400.00	\$19.00	\$44,772.00
12	203.04	700.00	CHANNEL EXCAVATION INCL. HAUL	C.Y.	\$115.00	\$115,000.00	\$20.00	\$14,000.00	\$22.00	\$17,160.00	\$26.00	\$18,560.00	\$30.00	\$21,400.00	\$32.00	\$22,800.00
13	203.08	777.00	SELECT BORROW INCL. HAUL	C.Y.	\$130.00	\$130,000.00	\$25.00	\$18,425.00	\$22.00	\$17,040.00	\$26.00	\$23,110.00	\$30.00	\$23,110.00	\$32.00	\$25,072.00
14	203.12	2810.00	STRUCTURE EXCAVATION CLASS A INCL. HAUL	CU.YD	\$170.00	\$478,200.00	\$30.00	\$21,600.00	\$32.00	\$23,360.00	\$36.00	\$26,160.00	\$40.00	\$28,800.00	\$42.00	\$30,240.00
15	208.07	1.00	SHOULDER OR EXTRA EXCAVATION CL. A	L.S.	\$70,000.00	\$70,000.00	\$15,000.00	\$15,000.00	\$85,000.00	\$85,000.00	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00	\$120,000.00	\$12
16	208.08	1100.00	GRAVEL BACKFILL (For Arch)	C.Y.	\$40.00	\$44,000.00	\$38.00	\$41,800.00	\$55.00	\$60,500.00	\$28.00	\$27,800.00	\$30.00	\$33,000.00	\$54.00	\$59,400.00
17	404.02	1240.00	CRUSHED SURFACING BASE COURSE	C.Y.	\$37.00	\$45,880.00	\$36.00	\$44,160.00	\$55.00	\$59,400.00	\$40.00	\$44,800.00	\$40.00	\$44,800.00	\$38.00	\$44,160.00
18	504.02	887.00	HMA CL. 12 IN PG 64-22	TON	\$80.00	\$71,360.00	\$78.00	\$69,144.00	\$120.00	\$105,600.00	\$75.00	\$66,000.00	\$75.00	\$66,000.00	\$72.00	\$63,360.00
19	602.06	1.00	CONC. CLASS C&O	C.Y.	\$43.50	\$43,500.00	\$40.00	\$40,000.00	\$55.00	\$59,500.00	\$80.00	\$84,000.00	\$40.00	\$40,000.00	\$57.00	\$60,300.00
20	602.22	13000.00	ST. REINF. BAR	LB.	\$1.10	\$14,300.00	\$1.00	\$13,000.00	\$1.25	\$16,250.00	\$1.00	\$13,000.00	\$1.00	\$13,000.00	\$1.10	\$14,300.00
21	613	2300.00	STRUCTURAL EARTH WALL	S.F.	\$38.00	\$87,400.00	\$35.00	\$80,750.00	\$45.00	\$103,500.00	\$40.00	\$82,000.00	\$38.00	\$86,000.00	\$40.00	\$92,000.00
22	703.01	85.00	ST. FILL PLATE ARCH 3 GAGE 34 FT. SPAN	CU.YD	\$2,100.00	\$178,500.00	\$2,000.00	\$170,000.00	\$2,100.00	\$178,500.00	\$2,000.00	\$170,000.00	\$2,100.00	\$178,500.00	\$2,000.00	\$170,000.00
23	708	1.00	TEMPORARY STREAM DIVERSION	L.S.	\$40,000.00	\$40,000.00	\$10,100.00	\$10,100.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$44,000.00	\$44,000.00
24	708.41	1.00	DEWATERING (Stand Pipe Arch)	L.S.	\$75,000.00	\$75,000.00	\$13,000.00	\$13,000.00	\$20,000.00	\$20,000.00	\$22,000.00	\$22,000.00	\$24,000.00	\$24,000.00	\$17,500.00	\$17,500.00
25	801.4	0.54	SEEDING AND MULCHING (Upland)	ACRE	\$5,500.00	\$2,970.00	\$2,600.00	\$1,404.00	\$3,000.00	\$1,620.00	\$1,000.00	\$540.00	\$1,350.00	\$1,350.00	\$2,050.00	\$1,095.00
26	801.52	1.00	SEEDING AND MULCHING (Wetland)	ACRE	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
27	801.52	1.00	EROSION CONTROL AND WATER POLLUTION PREVENTION	L.S.	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$12,000.00	\$12,000.00	\$3,000.00	\$3,000.00	\$8,000.00	\$8,000.00
28	801.58	1317.00	BIODEGRADABLE EROSION CONTROL BLANKET	S.Y.	\$33.00	\$33,861.00	\$30.00	\$33,861.00	\$2.00	\$2,634.00	\$6.00	\$7,802.00	\$5.00	\$5,958.00	\$2.75	\$3,621.75
29	802.01	388.00	TOPSOIL TYPE A	C.Y.	\$40.00	\$15,520.00	\$40.00	\$15,520.00	\$16.00	\$6,160.00	\$38.00	\$14,760.00	\$40.00	\$15,520.00	\$33.00	\$12,760.00
30	811.1	388.00	BEAM GUARDRAIL TYPE 31 - 8 FT. LONG POST	EACH	\$39.00	\$15,132.00	\$37.00	\$14,366.00	\$41.00	\$15,972.00	\$38.00	\$14,760.00	\$41.00	\$16,812.00	\$37.00	\$14,366.00
31	811.37	3.00	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	EACH	\$2,800.00	\$8,400.00	\$2,800.00	\$8,400.00	\$2,800.00	\$8,400.00	\$2,800.00	\$8,400.00	\$2,800.00	\$8,400.00	\$2,800.00	\$8,400.00
32	811.4	77.00	BEAM GUARDRAIL BURIED TERMINAL TYPE 2	L.F.	\$85.00	\$6,545.00	\$80.00	\$6,160.00	\$92.00	\$7,064.00	\$85.00	\$6,545.00	\$80.00	\$6,160.00	\$92.00	\$7,064.00
33	812.1	162.00	WETLAND FENCE TYPE 2	L.F.	\$28.00	\$4,536.00	\$27.00	\$4,374.00	\$28.00	\$4,536.00	\$27.00	\$4,374.00	\$28.00	\$4,536.00	\$27.00	\$4,374.00
34	812.1	162.00	WETLAND FENCE TYPE 2	L.F.	\$28.00	\$4,536.00	\$27.00	\$4,374.00	\$28.00	\$4,536.00	\$27.00	\$4,374.00	\$28.00	\$4,536.00	\$27.00	\$4,374.00
35	814.1	258.00	STREAMBED SEDIMENT	TON	\$40.00	\$10,200.00	\$38.00	\$9,760.00	\$55.00	\$14,190.00	\$40.00	\$10,200.00	\$40.00	\$10,200.00	\$38.00	\$9,760.00
36	815.18	149.00	STREAMBED COBBLES 4 IN.	TON	\$40.00	\$5,960.00	\$38.00	\$5,624.00	\$55.00	\$8,205.00	\$40.00	\$5,960.00	\$40.00	\$5,960.00	\$38.00	\$5,624.00
37	816.18	21.00	STREAMBED COBBLES 8 IN.	TON	\$40.00	\$840.00	\$38.00	\$798.00	\$55.00	\$1,155.00	\$40.00	\$840.00	\$40.00	\$840.00	\$38.00	\$798.00
38	820.2	1.00	PAVING ENCAPSULATED SOIL FILL	C.Y.	\$100.00	\$100,000.00	\$95.00	\$95,000.00	\$110.00	\$121,000.00	\$100.00	\$100,000.00	\$100.00	\$100,000.00	\$95.00	\$95,000.00
39	822.01	60.00	PAINT LINE	L.F.	\$20.00	\$1,200.00	\$19.00	\$1,140.00	\$25.00	\$1,500.00	\$20.00	\$1,200.00	\$20.00	\$1,200.00	\$19.00	\$1,140.00
40	877.56	195.00	ROCK FOR EROSION AND SCOUR PROTECTION CL. B	TON	\$80.00	\$15,600.00	\$75.00	\$14,625.00	\$90.00	\$17,550.00	\$80.00	\$15,600.00	\$80.00	\$15,600.00	\$75.00	\$14,625.00
SCHEDULE 1 TOTAL						\$1,156,084.00		\$980,414.00		\$1,078,739.00		\$1,115,935.00		\$1,169,928.00		\$1,178,048.28
SCHEDULE 2 - WORK UNDER OF SITE 1																
41	101.07	1.00	MOBILIZATION	L.S.	\$86,700.00	\$86,700.00	\$50,687.00	\$50,687.00	\$70,000.00	\$70,000.00	\$75,000.00	\$75,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00
42	106.5	1.00	CONSTRUCTION SURVEYING	L.S.	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
43	107.15	1.00	SPCC PLAN	L.S.	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$500.00	\$500.00	\$500.00	\$500.00
44	107.42	8.00	PROPERTY OWNER NOTIFICATION LABOR	HOUR	\$55.00	\$440.00	\$70.00	\$560.00	\$60.00	\$480.00	\$80.00	\$640.00	\$50.00	\$400.00	\$60.00	\$480.00
45	110.01	1.00	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	\$34,300.00	\$34,300.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00
46	110.01	1.00	TRAFFIC CONTROL SUPERVISOR	L.S.	\$4,400.00	\$4,400.00	\$900.00	\$900.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
47	110.02	540.00	FLAGGERS	HOUR	\$80.00	\$43,200.00	\$50.00	\$27,000.00	\$65.00	\$35,100.00	\$80.00	\$43,200.00	\$60.00	\$32,400.00	\$49.00	\$26,520.00
48	110.04	780.00	CONSTRUCTION SIGNS CLASS A	S.F.	\$18.00	\$13,860.00	\$22.00	\$17,160.00	\$22.00	\$17,160.00	\$10.00	\$7,800.00	\$21.00	\$16,380.00	\$20.00	\$15,200.00
49	110.07	720.00	PORTABLE CHANGEABLE MESSAGE SIGN	HOUR	\$8.00	\$5,760.00	\$2.00	\$1,440.00	\$6.00	\$4,320.00	\$10.00	\$5,760.00	\$8.00	\$5,760.00	\$2.00	\$1,440.00
50	201.01	0.20	ROADSIDE SIGNING	EST	\$115,000.00	\$23,000.00	\$2,000.00	\$400.00	\$10,000.00	\$2,000.00	\$200.00	\$40.00	\$4,000.00	\$2,000.00	\$400.00	\$40.00
51	202.02	1.00	ROADSIDE CLEANUP	EST	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
52	208.08	36.00	REMOVING CEMENT CONC. PAVEMENT	S.Y.	\$33.00	\$1,188.00	\$25.00	\$900.00	\$87.00	\$3,126.00	\$100.00	\$3,600.00	\$60.00	\$2,000.00	\$110.00	\$3,960.00
53	203.08	150.00	COMMON BORROW INCL. HAUL	C.Y.	\$40.00	\$6,000.00	\$10.00	\$1,000.00	\$22.00	\$3,300.00	\$55.00	\$8,250.00	\$40.00	\$6,000.00	\$40.00	\$6,000.00
54	404.03	885.00	CRUSHED SURFACING BASE COURSE	C.Y.	\$37.00	\$32,715.00	\$36.00	\$31,320.00	\$55.00	\$59,850.00	\$40.00	\$42,800.00	\$40.00	\$42,800.00	\$38.00	\$44,160.00
55	504.02	610.00	HMA CL. 12 IN PG 64-22	TON	\$80.00	\$48,800.00	\$78.00	\$47,640.00	\$120.00	\$72,000.00	\$75.00	\$45,000.00	\$75.00	\$45,000.00	\$72.00	\$43,200.00
56	504.1	145.00	HMA FOR PRELEVELLING CL. 3B IN PG 64-22	TON	\$87.00	\$12,615.00	\$113.00	\$12,585.00	\$95.00	\$13,775.00	\$120.00	\$16,440.00	\$95.00	\$13,775.00	\$94.00	\$13,630.00
57	604.07	9.00	HMA FOR APPROACH CL. 12 IN PG 64-22	TON	\$127.00	\$1,143.00	\$123.00	\$1,107.00	\$155.00	\$1,395.00	\$120.00	\$1,080.00	\$120.00			