



Home of the Tualatin River National Wildlife Refuge  
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**City of Sherwood  
Tualatin and Highland Storm and Pavement Rehabilitation  
Bid Tabulation - Highland Drive Storm and Pavement Rehabilitation  
Bid Closing March 24, 2016 at 2:00 PM**

ITEM	Description	Unit	Quantity	C & M Excavation and Utilities		D&T Excavation		Brix Paving		Pacific Excavation		Banzer Construction		Kodiak Pacific		Engineer's Estimate	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization	LS	1	\$13,500.00	\$13,500.00	\$12,125.34	\$12,125.34	\$10,302.78	\$10,302.78	\$21,000.00	\$21,000.00	\$45,000.00	\$45,000.00	\$28,750.00	\$28,750.00	\$20,000.00	\$20,000.00
2	Temporary Work Zone Traffic Control, Complete	LS	1	\$4,000.00	\$4,000.00	\$1,725.00	\$1,725.00	\$2,178.53	\$2,178.53	\$5,700.00	\$5,700.00	\$5,000.00	\$5,000.00	\$2,750.00	\$2,750.00	\$5,000.00	\$5,000.00
3	Erosion Control	LS	1	\$1,600.00	\$1,600.00	\$3,313.00	\$3,313.00	\$2,723.16	\$2,723.16	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$3,231.00	\$3,231.00	\$2,000.00	\$2,000.00
4	Construction Survey Work	LS	1	\$6,000.00	\$6,000.00	\$7,912.00	\$7,912.00	\$5,990.96	\$5,990.96	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00	\$9,511.00	\$9,511.00	\$3,000.00	\$3,000.00
5	Removal of Structures and Obstructions	LS	1	\$7,800.00	\$7,800.00	\$2,975.00	\$2,975.00	\$16,339.00	\$16,339.00	\$3,300.00	\$3,300.00	\$3,800.00	\$3,800.00	\$6,000.00	\$6,000.00	\$1,121.00	\$1,121.00
6	Removal of Pipes	FT	1180	\$12.35	\$14,573.00	\$21.01	\$24,791.80	\$9.80	\$11,564.00	\$10.00	\$11,800.00	\$20.00	\$23,600.00	\$32.61	\$38,479.80	\$12.50	\$14,750.00
7	Saw Cutting	FT	310	\$1.00	\$310.00	\$2.65	\$821.50	\$1.09	\$337.90	\$3.00	\$930.00	\$2.00	\$620.00	\$1.20	\$372.00	\$2.50	\$775.00
8	Clearing and Grubbing	LS	1	\$2,600.00	\$2,600.00	\$1,950.00	\$1,950.00	\$16,339.00	\$16,339.00	\$1,800.00	\$1,800.00	\$5,000.00	\$5,000.00	\$8,214.00	\$8,214.00	\$500.00	\$500.00
9	General Excavation	LS	1	\$22,000.00	\$22,000.00	\$24,872.00	\$24,872.00	\$30,499.46	\$30,499.46	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$28,918.00	\$28,918.00	\$2,500.00	\$2,500.00
10	Additional Excavation	CY	15	\$40.00	\$600.00	\$28.00	\$420.00	\$49.02	\$735.30	\$55.00	\$825.00	\$15.00	\$225.00	\$32.00	\$480.00	\$40.00	\$600.00
11	Extra for Selected Topsoil Material	CY	12	\$60.00	\$720.00	\$24.50	\$294.00	\$27.23	\$326.76	\$60.00	\$720.00	\$35.00	\$420.00	\$65.25	\$783.00	\$50.00	\$600.00
12	Asphalt and Base Rock Removal	SY	2320	\$6.00	\$13,920.00	\$7.60	\$17,632.00	\$10.35	\$24,012.00	\$8.00	\$18,560.00	\$12.00	\$27,840.00	\$8.60	\$19,952.00	\$7.00	\$16,240.00
13	Treatment Subgrade, 10-inches Thick	SY	1900	\$7.00	\$13,300.00	\$6.00	\$11,400.00	\$5.85	\$11,115.00	\$4.50	\$8,550.00	\$6.00	\$11,400.00	\$9.45	\$17,955.00	\$6.50	\$12,350.00
14	Portland Cement	TON	64	\$120.00	\$7,680.00	\$128.00	\$8,192.00	\$125.27	\$8,017.28	\$130.00	\$8,320.00	\$120.00	\$7,680.00	\$120.50	\$7,712.00	\$150.00	\$9,600.00
15	Loose Riprap, Class 50	CY	2	\$150.00	\$300.00	\$128.27	\$256.54	\$127.86	\$435.72	\$45.00	\$90.00	\$100.00	\$200.00	\$175.00	\$750.00	\$125.00	\$250.00
16	Dewatering	LS	1	\$750.00	\$750.00	\$1,113.00	\$1,113.00	\$217.85	\$217.85	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$5,226.00	\$5,226.00	\$750.00	\$750.00
17	Trench Foundation	CY	10	\$31.00	\$310.00	\$44.50	\$445.00	\$38.13	\$381.30	\$82.00	\$820.00	\$30.00	\$300.00	\$119.50	\$1,195.00	\$40.00	\$400.00
18	Rock Excavation	CY	5	\$350.00	\$1,750.00	\$100.00	\$500.00	\$43.57	\$217.85	\$250.00	\$1,250.00	\$150.00	\$750.00	\$129.00	\$645.00	\$100.00	\$500.00
19	Boulder Excavation	CY	5	\$110.00	\$550.00	\$100.00	\$500.00	\$43.57	\$217.85	\$250.00	\$1,250.00	\$150.00	\$750.00	\$180.00	\$900.00	\$100.00	\$500.00
20	Mainline Video Inspection	FT	863	\$2.30	\$1,984.90	\$3.15	\$2,718.45	\$2.45	\$2,114.35	\$3.00	\$2,589.00	\$2.00	\$1,726.00	\$3.00	\$2,589.00	\$3.50	\$3,025.50
21	Pre-Construction Video Inspection	LS	1	\$2,500.00	\$2,500.00	\$2,782.45	\$2,782.45	\$708.03	\$708.03	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$2,589.00	\$2,589.00	\$1,200.00	\$1,200.00
22	16-Inch, PVC, C-905 Pipe (Granular Backfill)	FT	147.22	\$116.00	\$17,077.52	\$93.90	\$13,823.96	\$111.11	\$16,357.61	\$100.00	\$14,722.00	\$93.00	\$13,691.46	\$192.25	\$28,303.05	\$90.00	\$13,249.80
23	10-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)	FT	607.32	\$86.00	\$52,229.52	\$84.00	\$51,014.88	\$76.25	\$46,308.15	\$99.00	\$60,124.68	\$79.00	\$47,978.28	\$85.69	\$52,041.25	\$80.00	\$48,585.60
24	10-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)	FT	108	\$78.00	\$8,424.00	\$105.50	\$11,394.00	\$81.70	\$8,823.60	\$73.00	\$7,884.00	\$72.00	\$7,776.00	\$91.92	\$9,927.36	\$70.00	\$7,560.00
25	6-Inch, PVC, C-900 Pipe (Granular Backfill)	FT	20	\$82.00	\$1,640.00	\$59.60	\$1,192.00	\$70.80	\$1,416.00	\$80.00	\$1,600.00	\$80.00	\$1,600.00	\$74.18	\$1,483.60	\$75.00	\$1,500.00
26	6-Inch, PVC, ASTM 3034, SDR 35 Pipe (Granular Backfill)	FT	34	\$80.00	\$2,720.00	\$59.80	\$2,033.20	\$49.02	\$1,666.68	\$40.00	\$1,360.00	\$60.00	\$2,400.00	\$59.54	\$2,024.36	\$70.00	\$2,380.00
27	4-Inch, PVC, ASTM 3034, SDR 35 (Granular Backfill)	FT	260.5	\$71.00	\$18,495.50	\$67.75	\$17,648.88	\$49.02	\$12,769.71	\$51.00	\$13,806.50	\$50.00	\$13,025.00	\$81.21	\$21,155.21	\$65.00	\$16,932.50
28	Cleanout	EA	1	\$475.00	\$475.00	\$528.50	\$528.50	\$272.32	\$272.32	\$750.00	\$750.00	\$600.00	\$600.00	\$1,014.00	\$1,014.00	\$750.00	\$750.00
29	Concrete Manhole, Standard	EA	5	\$3,700.00	\$18,500.00	\$3,990.00	\$19,950.00	\$4,139.21	\$20,696.05	\$3,000.00	\$15,000.00	\$3,500.00	\$17,500.00	\$4,014.00	\$20,070.00	\$4,000.00	\$20,000.00
30	Catch Basin, Area Drain	EA	4	\$1,310.00	\$5,240.00	\$1,585.00	\$6,340.00	\$1,633.90	\$6,535.60	\$1,500.00	\$6,000.00	\$1,100.00	\$4,400.00	\$1,269.00	\$5,076.00	\$3,200.00	\$12,800.00
31	Catch Basin, Ditch Inlet	EA	3	\$1,335.00	\$4,005.00	\$1,735.00	\$5,205.00	\$1,742.83	\$5,228.49	\$1,500.00	\$4,500.00	\$1,500.00	\$4,500.00	\$1,638.00	\$4,914.00	\$3,200.00	\$9,600.00
32	Adjusting Boxes	EA	1	\$211.00	\$211.00	\$76.50	\$76.50	\$490.17	\$490.17	\$200.00	\$200.00	\$250.00	\$250.00	\$275.00	\$275.00	\$150.00	\$150.00
33	Filling Abandoned Piping	FT	52	\$20.00	\$1,040.00	\$23.30	\$1,211.60	\$27.23	\$1,415.96	\$10.00	\$500.00	\$45.00	\$2,240.00	\$18.75	\$975.00	\$30.00	\$1,560.00
34	Connection to Existing Manhole	EA	1	\$1,770.00	\$1,770.00	\$3,393.00	\$3,393.00	\$816.95	\$816.95	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$815.00	\$815.00	\$1,500.00	\$1,500.00
35	Connection to Existing Piping	EA	5	\$500.00	\$2,500.00	\$296.00	\$1,480.00	\$599.10	\$2,995.50	\$350.00	\$1,750.00	\$1,000.00	\$5,000.00	\$580.00	\$2,900.00	\$500.00	\$2,500.00
36	Aggregate Shoulders	TON	20	\$184.00	\$3,680.00	\$40.00	\$800.00	\$54.46	\$1,089.20	\$60.00	\$1,200.00	\$30.00	\$600.00	\$148.00	\$2,960.00	\$50.00	\$1,000.00
37	Level 2, 1/2-Inch ACP	TON	540	\$83.00	\$44,820.00	\$86.00	\$46,440.00	\$76.51	\$41,315.40	\$83.00	\$44,820.00	\$83.00	\$44,820.00	\$78.00	\$42,120.00	\$80.00	\$43,200.00
38	Asphalt Berm	FT	525	\$6.00	\$3,150.00	\$2.90	\$1,522.50	\$8.29	\$4,352.25	\$9.00	\$4,725.00	\$5.00	\$2,625.00	\$7.00	\$3,675.00	\$5.00	\$2,625.00
39	Yard Restoration	LS	1	\$2,200.00	\$2,200.00	\$8,008.00	\$8,008.00	\$3,812.43	\$3,812.43	\$4,200.00	\$4,200.00	\$5,000.00	\$5,000.00	\$12,377.00	\$12,377.00	\$2,500.00	\$2,500.00
40	Transplanting Existing Landscaping	LS	1	\$1,700.00	\$1,700.00	\$2,254.00	\$2,254.00	\$2,723.16	\$2,723.16	\$789.24	\$789.24	\$1,200.00	\$1,200.00	\$35.00	\$35.00	\$1,500.00	\$1,500.00
<b>TOTAL</b>				<b>\$306,625.44</b>	<b>\$321,055.10</b>	<b>\$323,859.31</b>	<b>\$304,895.42</b>	<b>\$343,556.74</b>	<b>\$405,098.62</b>	<b>\$382,540.83</b>	<b>\$285,428.40</b>						

Bid at \$382,540.83



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**City of Sherwood  
Tualatin and Highland Storm and Pavement Rehabilitation  
Bid Tabulation - Tualatin Street Storm and Pavement Rehabilitation  
Bid Closing March 24, 2016 at 2:00 PM**

ITEM	Description	Unit	Quantity	C & M Excavation and Utilities		D&T Excavation		Brix Paving		Pacific Excavation		Banzer Construction		Kodiak Pacific		Engineer's Estimate	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization	LS	1	\$13,000.00	\$13,000.00	\$18,334.80	\$18,334.80	\$11,902.34	\$11,902.34	\$33,000.00	\$33,000.00	\$35,000.00	\$35,000.00	\$0.00	\$0.00	\$20,000.00	\$20,000.00
2	Temporary Work Zone Traffic Control, Complete	LS	1	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00	\$3,258.40	\$3,258.40	\$16,500.00	\$16,500.00	\$5,000.00	\$5,000.00	\$22,352.00	\$22,352.00	\$6,000.00	\$6,000.00
3	Erosion Control	LS	1	\$1,512.00	\$1,512.00	\$3,900.00	\$3,900.00	\$2,172.27	\$2,172.27	\$8,400.00	\$8,400.00	\$2,000.00	\$2,000.00	\$4,325.00	\$4,325.00	\$1,000.00	\$1,000.00
4	Construction Survey Work	LS	1	\$6,000.00	\$6,000.00	\$10,475.00	\$10,475.00	\$3,801.47	\$3,801.47	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00	\$9,511.00	\$9,511.00	\$4,000.00	\$4,000.00
5	Removal of Structures and Obstructions	LS	1	\$4,606.00	\$4,606.00	\$4,350.00	\$4,350.00	\$10,861.34	\$10,861.34	\$7,000.00	\$7,000.00	\$3,000.00	\$3,000.00	\$2,267.00	\$2,267.00	\$5,000.00	\$5,000.00
6	Removal of Pipes	FT	350	\$18.00	\$6,300.00	\$22.65	\$7,927.50	\$9.78	\$3,423.00	\$10.00	\$3,500.00	\$20.00	\$7,000.00	\$57.10	\$19,985.00	\$12.50	\$4,375.00
7	Saw Cutting	FT	694	\$1.00	\$694.00	\$2.25	\$1,561.50	\$0.54	\$374.76	\$2.50	\$1,735.00	\$2.00	\$1,388.00	\$1.50	\$1,041.00	\$2.50	\$1,735.00
8	Clearing and Grubbing	LS	1	\$4,132.00	\$4,132.00	\$2,998.00	\$2,998.00	\$16,292.01	\$16,292.01	\$1,700.00	\$1,700.00	\$3,000.00	\$3,000.00	\$8,251.00	\$8,251.00	\$1,000.00	\$1,000.00
9	General Excavation	LS	1	\$17,636.00	\$17,636.00	\$11,300.00	\$11,300.00	\$27,153.35	\$27,153.35	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$28,918.00	\$28,918.00	\$8,000.00	\$8,000.00
10	Additional Excavation	CY	10	\$40.00	\$400.00	\$27.80	\$278.00										