City of Coos Bay

Wastewater Project Take-down

Schedule Summary

December 2010

Civil West Engineering Services, Inc.

Project No	Project Description	Notes	Updated Cost Fiscal Year 2010 11	Updated Cost Fiscal Year 2011 12	Updated Cost Fiscal Year 2012 13	Updated Cost Fiscal Year 2013 14	Updated Cost Fiscal Year 2014 15	Updated Cost Fiscal Year 2015 16	Updated Cost Fiscal Year 2016 17	Updated Cost Fiscal Year 2017 18	Updated Cost Fiscal Year 2018 19	Updated Cost Fiscal Year 2019 20	Updated Cost Fiscal Year 2020 21	Updated Cost Fiscal Year 2021 22	Updated Cost Fiscal Year 2022 23	Updated Cost Fiscal Year 2023 24	Updated Cost Fiscal Year 2025 26	Updated Cost Fiscal Year 2026 27	Updated Cost Fiscal Year 2027 28	Updated Cost Fiscal Year 2028 29	Updated Cost Fiscal Year 2029 30	Updated Cost Fiscal Year 2030 31
		Plan year --->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
WWTP2	Plant 2 Upgrades	Complete predesign and begin design phase; assume costs at 5% of total budget is required	$829,745																			
WWTP2	Plant 2 Upgrades	Complete design phase and bid phase of project; assume another 5% of total budget is used		$858,338																		
PS5	Pump Station 5	Begin construction phase	$400,000																			
PS5	Pump Station 5	Complete construction phase		$200,000																		
WWTP2	Plant 2 Upgrades	Begin construction phase; assume 40% of total budget is expended in this fiscal year			$7,103,328																	
WWTP2	Plant 2 Upgrades	Complete Plant 2 construction; assume another 40% of total budget is expended				$7,348,107																
WWTP2	Plant 2 Upgrades	Plant 2 Construction finalized; assume final 10% of Plant 2 Budget is expended					$1,900,330															
28(II)	10th and Lockhart Replacement Project	Design and construction services		$282,299																		
PS4	Pump Station 4	Complete design phase; assume 10% of total budget is expended	$110,795																			
PS4	Pump Station 4	Construction phase ; assume 90% of total budget is expended		$1,031,516																		
WWTP1	Plant 1 Upgrades	Predesign Report for Plant 1; assume 5% of total budget			$473,292																	
WWTP1	Plant 1 Upgrades	Design Phase for Phase 1; Assume 15% of Phase 1 budget is expended				$280,087																
WWTP1	Plant 1 Upgrades	Construction Phase for Plant 1, Phase 1; Assume 85% of Phase 1 Budget is expended					$1,641,850															
WWTP1	Plant 1 Upgrades	Design Phase for Plant 1, Phase 2, Assume 15% of Phase 2 Budget is expended					$491,566															
WWTP1	Plant 1 Upgrades	Construction Phase for Plant 1, Assume 85% of Phase 2 Budget is expended						$2,881,532														
WWTP1	Plant 1 Upgrades	Design Phase for Plant 1, Phase 3, Assume 15% of Phase 3 Budget is expended						$305,711														
WWTP1	Plant 1 Upgrades	Construction Phase for Plant 1, Phase 3, Assume 85% of Phase 3 Budget is expended.							$1,792,061													
WWTP1	Plant 1 Upgrades	Design Phase for Plant 1, Phase 4, Assume 15% of Phase 4 Budget is expended							$587,604													
WWTP1	Plant 1 Upgrades	Construction Phase for Plant 1, Phase 4, Assume 85% of Phase 4 Budget is expended								$3,444,500												
14(II)	Mingus Park Area Pipe Replacement Project	Design and construction services		$394,590																		
12(II)	11th Street Bursting Project	Design and construction services		$87,896																		
21(II)	2nd Street Pipe Replacement Project	Design and construction services		$143,769																		
PS16A	Pump Station 16 Improvements	Predesign Report and Design Phase for PS 16, Assume 15% of total budget for project will be expended		$132,917																		
PS16A	Pump Station 16 Improvements	Construction phase for PS 16, Assume 85% of project budget will be expended			$779,151																	
PS9	Pump Station 9 Improvements	Predesign Report and Design Phase for PS 9, Assume 15% of total budget for project will be expended			$89,344																	
PS9	Pump Station 9 Improvements	Construction Phase for PS9, Assume 85% of project budget will be expended				$523,731																
PS17	Pump Station 17 Improvements	Design Phase for PS 17, Assume 15% of total budget for project will be expended				$14,444																
PS17	Pump Station 17 Improvements	Construction Phase for PS 17, Assume 85% of total budget for project will be expended					$84,667															
PS8	Pump Station 8 Improvements	Predesign Report and Design Phase for PS8, Assume 15% of total budget is expended					$133,791															
PS8	Pump Station 8 Improvements	Construction Phase for PS8, Assume 85% of total budget is expended						$784,276														
PS10FM	Pump Station 10 new Force Main	Construction Phase for PS10, Assume 100% of budget is expended							$953,184													
PS6	Pump Station 6 Improvements	Predesign Report and Design Phase for PS6, assume 15% of total budget is expended							$41,991													
PS6	Pump Station 6 Improvements	Construction Phase for PS6, Assume 85% of total Budget is expended								$246,148												
PS1	Pump Station No. 1 Improvements	Predesign Report and Design Phase for PS1, assume 15% of total budget is expended								$119,621												
PS1	Pump Station No. 1 Improvements	Construction Phase for PS1, assume 85% of total project budget is expended									$701,211											
PS2	Pump Station No. 2 Improvements	Predesign Report and Design Phase for PS2, assume 15% of total budget is expended									$94,017											
PS2	Pump Station No. 2 Improvements	Construction Phase for PS2, assume 85% of total budget is expended										$551,123										
PS19	Pump Station No. 19 Improvements	Predesign Report and Design Phase for PS19, assume 15% of total budget is expended										$108,873										
PS19	Pump Station No. 19 Improvements	Construction Phase for PS19, assume 85% of total budget is expended											$638,208										
PS18	Pump Station No. 18 Improvements	Predesign Report and Design Phase for PS18, assume 15% of total budget is expended											$48,151										
PS18	Pump Station No. 18 Improvements	Construction Phase for PS 18, assume 85% of total project budget is expended												$282,256								
PS12	Pump Station No. 12 Improvements	Predesign Report and Design Phase for PS12, assume 15% of total budget is expended												$255,686								
PS12	Pump Station No. 12 Improvements	Construction Phase for PS12, assume 85% of total budget is expended													$1,498,815							
PS13	Pump Station No. 13 Improvements	Predesign Report and Design Phase for PS13, assume 15% of total budget is expended													$125,373							
PS13	Pump Station No. 13 Improvements	Construction Phase for PS13, assume 85% of total project budget is expended														$734,927						
PS14	Pump Station No. 14 Improvements	Predesign Report and Design Phase for PS14, assume 15% of total budget is expended														$49,638						
PS14	Pump Station No. 14 Improvements	Construction Phase for PS14, assume 85% of total budget is expended															$290,974					
26(II)	Koos Bay Blvd Bursting Project	Design and construction services					$69,715															
8(II)	High School Pipe Replacement Project	Design and construction services							$60,477													
7(II)	High School Bursting Project	Design and construction services							$251,055													
15(II)	Englewood Pipe Replacement Project	Design and construction services									$280,239											
23(II)	8th Street Pipe Replacement Project	Design and construction services									$110,531											
17(II)	Empire Lining Projects	Design and construction services									$198,745											
27(II)	Manhole Repairs Project	Design and construction services									$374,192											
24(II)	Hemlock Street Area Pipe Replacement Project	Design and construction services										$397,110										
6(II)	Ferguson Pipe Replacement Project	Design and construction services										$726,546										
5(II)	Ferguson Lining Project	Design and construction services											$121,734									
10(II)	Blossum Gulch Bursting Project	Design and construction services											$38,472									
20(II)	Central Town Area Lining Project	Design and construction services											$164,008									
11(II)	Blossum Gulch Lining Project	Design and construction services											$148,542									
13(II)	Mingus Park Area Lining Project	Design and construction services											$231,229									
16(II)	Englewood Bursting Project	Design and construction services											$180,028									
18(II)	Empire Pipe Bursting Projects	Design and construction services											$112,430									
19(II)	Empire Pipe Replacement Project	Design and construction services											$15,778									
25(II)	Hemlock/Ocean Blvd Bursting Project	Design and construction services											$83,134									
4(II)	Elrod Bursting Project	Design and construction services												$35,805								
3(II)	Elrod Bursting Project	Design and construction services												$340,444								
2(II)	Elrod Lining Project	Design and construction services												$115,341								
1(II)	4th Street Lining Project	Design and construction services												$496,245								
9(II)	Patching Project	Design and construction services												$269,385								
22(II)	Myrtle Ave Lining Project	Design and construction services													$118,099							
W1	Blossum Gulch Pipe Replacement	Design and construction services					$247,513															
B1	Morrison Interceptor	Design and construction services						$661,754														
F2	Fillmore Interceptor	Design and construction services							$286,657													
R1	Basin R Pipeline Replacements	Design and construction services							$111,976													
L1	Woodland Drive Pipeline Upsizing	Design and construction services									$1,087,649											
T1	Pipe Replacement west of Plant 1	Design and construction services								$140,114												
U1	Reroute piping around Red Lion Hotel	Design and construction services									$727,667											
U2	Pipe Replacement south of Hemlock	Design and construction services					$47,188															
FF1	Basin FF Interceptor Repairs	Design and construction services										$86,172										
S1	Date Street Repair	Design and construction services										$33,016										
D1	Marple, Jackson, Taylor Pipeline Replacement	Design and construction services										$360,852										
A(II)	Follow-Up Smoke Testing Survey	Engineering										$68,705										
B(II)	Follow-Up Flow Mapping Survey	Engineering										$68,705										
C(II)	Follow-Up Video Inspection Survey	Engineering										$68,705										
D(II)	I/I Plan Update	Engineering										$68,705										
EM	Allowance for Emergency Project Needs	Annual allowance for engineering, design, and construction	$500,000	$517,230	$535,053	$553,491	$572,564	$592,295	$612,705	$633,819	$655,660	$678,254	$701,626	$725,804	$750,815	$776,688	$803,453	$831,140	$859,780	$889,408	$920,057	$951,762
SD	Allowance for Drainage Projects	Annual allowance for engineering, design, and construction	$250,000	$258,615	$267,527	$276,746	$286,282	$296,147	$306,353	$316,909	$327,830	$339,127	$350,813	$362,902	$375,408	$388,344	$401,726	$415,570	$429,890	$444,704	$460,029	$475,881
	Annual Total Project Costs per Fiscal Year		**$2,090,540**	**$3,907,171**	**$9,247,695**	**$8,996,604**	**$5,475,468**	**$5,521,715**	**$5,004,062**	**$4,901,111**	**$4,557,741**	**$3,555,894**	**$2,834,153**	**$2,883,869**	**$2,868,510**	**$1,949,597**	**$1,496,153**	**$1,246,709**	**$1,289,671**	**$1,334,112**	**$1,380,086**	**$1,427,643**
	Cumulative Total		$2,090,540	$5,997,711	$15,245,405	$24,242,010	$29,717,478	$35,239,194	$40,243,255	$45,144,366	$49,702,107	$53,258,001	$56,092,154	$58,976,023	$61,844,533	$63,794,130	$65,290,283	$66,536,992	$67,826,663	$69,160,775	$70,540,861	$71,968,504