																То	tal amoun	t for Amen	dment #2	\$650,00
Allowance																				\$91,68
F. Construction Value Engineering																				
Cost	\$385	\$6,534	\$0	\$4,840	\$8,800	\$4,180	\$0	\$1,584	\$16,200		\$23,930	\$2,560	\$0		\$16,200	\$6,000			\$1,110	\$49,8
Hours	2	36		40	80		0	24												
BES Sewer Plan & Profile Sheets	2	36	0	40	80	40	0	24	180	402	\$23,930	\$2,560			\$16,200	\$6,000	Thurston, Cornforth		\$1,110	\$49,8
0600 BES Sewer																				
Cost	\$6,353	\$39,204	\$0	\$57,354	\$0	\$0	\$7,425	\$8,184	\$42,966		\$28,105	\$6,860	\$40,667		\$26,766	\$103,000			\$6,102	\$211,5
Hours	33		0	474	0	0	54	124		1335										
Wa Park Reservoir Operational Guidelines		4		28			4		24		\$4,664	\$91			\$2,376	\$5,000	Hawley		\$369	\$12,
Wa Park Startup and Commissioning Security										0	\$0	\$0	\$16,667						\$833	\$17,
Project Record Drawings- Wa Park and Mt Tabor		8		40			40		230	318	\$11,792	\$5,438	\$10,000		\$22,770					\$50,0
Labor Escalation on Original Scope - WA. Park	18	48		48				24	0	138	\$2,439	\$61	\$9,000		\$0					\$11,
Labor Escalation on Original Scope - Mt Tabor	15	156		358			10	100	180	819	\$9,210	\$170	\$5,000		\$1,620	,				\$16,0
Video Documentation				T			T			0	\$0	\$550				\$28,000	Curtis & Jeidy		\$1,400	\$29,9
Vibration Monitoring										0	\$0	\$550				\$70,000	Earth Dynamics		\$3,500	\$74,0
0500 Construction Phase Tasks																				
Cost	\$0	\$1,452	\$0	\$968	\$880	\$0	\$0	\$1,320	\$0		\$4,620	\$1,280	\$2,500		\$0	\$4,800			\$0	\$13,2
Hours	0	8	0	8	8	0	0	20		44										
Additional Partnering Workshop		8		8	8			20		44	\$4,620	\$1,280	\$2,500		\$0	\$4,800	RSR			\$13,2
0400 CM/GC Assistance																				
Cost	\$1,540	\$19,602	\$2,904	\$25,168	\$11,660	\$31,350	\$8,250	\$0	\$6,930		\$94,324	\$5,423	\$132,000		\$6,300	\$22,000			\$8,015	\$268,
Hours	8	108	16	208	106	300	60	0	70	876										
Electrical Design Change - Generator system	8	24	16	20		80	60			208	\$27,830	\$3,320	\$25,000		\$0		Epsilon		\$1,850	\$70,
LUR Requirements - Washington Park		16				20				36	\$4,994	\$218	\$87,000		\$0		Walsh		\$4,850	\$107.
Redesign at Gatehouse 5										0	\$0	\$0	\$20,000		\$0				\$1,000	\$21,
Specifications for metal-seated valves		8		8	26	-			70	42	\$4,800	\$200			\$0				\$0	\$5.
Redesign Water Transmission Mains 59th-60th		60		180	80	200			70	590	\$56,700	\$1,685			\$6,300				\$315	\$65.
0300 Design Phase Tasks	Ψ3	40	40	40	Ψ3	40	Ψ0	Ψ0	40		Ψ0	Ψ0	+,000		Ψ0	40			4,55	Ψ20,
Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	V	\$0	\$0	\$15,000		\$0	\$0			\$750	\$15,
Hours	0	0	0	0	0	0	0	0	0	0	Ψ	Ψ	Ψ12,000						Ψ150	Ψ13,1
Additional Document Prep for LUR										0	\$0	\$0	\$15,000						\$750	\$15,
200 Preliminary Design Phase Tasks	\$173	\$102	\$102	\$141	\$110	\$103	φ130	φυθ	ゆフラ										<i>37</i> 0	CUSIS
Estimated Rates 2007 Estimated Rates 2008-09	\$173	\$182	\$182	\$110	\$100	\$95 \$105	\$123	\$66	\$90										5%	Costs
Proposed Rates 2005	\$165 \$175	\$155 \$165	\$155 \$165	\$110 \$110	\$100 \$100	\$95	\$125 \$125	\$60 \$60	\$90 \$90											
category; actual billing based on salary times 3.1 mult	Krueger	*155	Spezio	0110	#100	40.7	I&C	\$ 50	ESB	& DDC										
Hourly Rates: Rates are based on the average of the	Ward	Peck	Gresh	Nale	Idehara		Electrical &	Jones	& CADD	Alcantar	Cost						Name	Hours		
	& QA	Manager	Sr Engineer	Engineer		Manager	Estimator	Scott	Civil Eng.	incl.	Labor	Expenses		Hours	DDC	Subconslt.	Subconslt.	Subconslt.	Markup	
WORK TASKS	Principal	Project	Team Leader	Project	Engineer	CADD	CM/GC &	Clerical	& DDC	Hours	BV	Allowable	HDR	HDR	Alcantar &	Other	Other	Other	Subconslt	
	B&V								Alcantar	B&V	Total									
Mt. Tabor and Washington Park Interim Security and Deferred Maintenance Improvements - Amendment #2																				
PORTLAND WATER BUREAU																				
·				DODTI 4	NID TX/A	TED DIID	EATI													
Park Amenament #2, Contract 3029/																				

Approved amount for Amendment #1 \$876,000
Original Contract amount \$1,544,957