Cascade Stream Solutions, LLC

PROJECT: French Creek Enhancement Project

JOB NUMBER:

DESCRIPTION: ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

DATE CREATED:	9/25/14
DATE UPDATED:	2/8/18
PREPARED BY:	jh
CHECKED BY:	
CURRENT (2)**:**	**1**
CONSTRUCTION YEAR:	**2015**
ADJUSTED (3)**:**	**1.03**

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	PROJECTED PRICE (4)	INSTALL ADJ. (1)	TOTAL
1.0	Mobilization and Prepartory work (10%)						
1.1	Mobilization and Prepartory work (10%)	1	LS	$8,560	$8,817	1.00	$8,800
2.0	Site Preparation						
2.1	Clear and Grub	1	LS	$6,000	$6,180	1.00	$6,200
3.0	Enhancement Channel (3600 CY)						
3.1	Excavator	36	HR	$200	$7,416	1.00	$7,400
3.2	Loader	36	HR	$130	$4,820	1.00	$4,800
3.3	Truck	24	HR	$110	$2,719	1.00	$2,700
3.4	Logs	55	EA	$180	$10,197	1.00	$10,200
3.5	Labor	40	HR	$40	$1,648	1.00	$1,600
3.6	Water Control & Site Prep	1	LS	$5,000	$5,150	1.00	$5,200
4.0	Bank Fill (3600 CY)						
4.1	Excavator	24	HR	$200	$4,944	1.00	$4,900
4.2	Truck	24	HR	$110	$2,719	1.00	$2,700
4.3	Loader	24	HR	$130	$3,214	1.00	$3,200
4.4	Loader	24	HR	$130	$3,214	1.00	$3,200
4.5	Labor	40	HR	$40	$1,648	1.00	$1,600
4.6	Fence Construction	450	LF	$6	$2,781	1.00	$2,800
5.0	Instream Gravel & Wood Augmentation						
5.1	Excavator & Operator	36	HR	$200	$7,416	1.00	$7,400
5.2	Loader	36	HR	$100	$3,708	1.00	$3,700
5.3	Labor	40	HR	$40	$1,648	1.00	$1,600
5.4	Logs	44	EA	$200	$9,064	1.00	$9,100
5.5	Gravel	80	TON	$25	$2,060	1.00	$2,100
5.0	Planting						
5.1	Planting	1	LS	$5,000	$5,150	1.00	$5,200
6.0	Site Cleanup						
6.1	Site Cleanup	1	LS	$6,000	$6,180	1.00	$6,200
7.0	Monitoring						
7.1	Pit Tag Monitoring Station Station		EA		$0	1.00	$0
7.2	Pit Tag Monitoring		HR		$0	1.00	$0
7.3	Stream Surveys		HR		$0	1.00	$0
7.4	Physical Monitoring		HR		$0	1.00	$0
7.5	Reporting		HR		$0	2.00	$0
8.0	Bid Process & Construction Implementation						
8.1	Prepare Bid Package & Advertise & Respond to Bidder Questi	40	HR		$0	1.00	$0
8.2	Attend Prebid Meeting	6	HR		$0	1.00	$0
8.3	Bid Selection	16	HR		$0	1.00	$0
8.4	Construction Administration	60	HR		$0	1.00	$0
8.5	Reporting	40	HR		$0	1.00	$0
9.0	Engineering Services						
9.1	Bid Assistance	16	HR	$100	$1,648	1.00	$1,600
9.2	Prebid Meeting	8	HR	$100	$824	1.00	$800
9.3	Construction Inspection	40	HR	$100	$4,120	1.00	$4,100
				Subtotal			$100,600
				Contingency		0.1	$10,060
						CONSTRUCTION COSTS	**$110,660**
						MONITORING	**$0**
						SCOTT VALLEY WATERSHED COUNCIL	**$0**
						ENGINEERING SERVICES	**$6,500**
						TOTAL	$117,160