

Cascade Stream Solutions, LLC

PROJECT: Montague Weir Fish Passage Project

JOB NUMBER:

DESCRIPTION: ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

DATE CREATED: 10/10/2015
 DATE UPDATED: 5/31/2019
 PREPARED BY: jh
 CHECKED BY:
 CURRENT ⁽²⁾: 1
 CONSTRUCTION YEAR: 2020
 ADJUSTED ⁽³⁾: 1.03

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	PROJECTED PRICE ⁽⁴⁾	INSTALL ADJ. ⁽¹⁾	TOTAL
1.0	Mobilization and Preparatory work (10%)						
1.1	Mobilization and Preparatory work (8%)	1	LS	\$7,160	\$7,375	1.00	\$7,400
1.2	Project Management and Bonding (5%)	1	LS	\$4,475	\$4,609	1.00	\$4,700
2.0	Site Preparation						
2.1	Site Access and Clear and Grub	1	LS	\$2,000	\$2,060	1.00	\$2,100
2.2	Water Control	1	LS	\$20,000	\$20,600	1.00	\$20,600
	Fire Protection & Dust Control	1	LS	\$1,000	\$1,030	1.00	\$1,100
3.0	Fish Ladder Construction						
3.1	Sawcut and remove concrete	24	HR	\$75	\$1,854	1.00	\$1,900
3.2	Excavator	16	HR	\$200	\$3,296	1.00	\$3,300
3.3	Concrete Disposal	13	CY	\$100	\$1,288	1.00	\$1,300
3.4	Base Material	5.0	CY	\$35	\$180	1.00	\$200
3.5	Foundation Construction	8	HR	\$200	\$1,648	1.00	\$1,700
3.6	Concrete formwork and installation	16	CY	\$2,200	\$36,256	1.00	\$36,300
3.7	Stanchions & Flashboards	1	LS	\$3,600	\$3,708	1.00	\$3,800
4.0	Low Flow Weir Relocation						
4.1	Labor - Fill Existing Low Flow Weir	24.0	HR	\$75	\$1,854	1.00	\$1,900
4.2	Fill Existing Concrete Low Flow Weir	1.00	LS	\$1,000	\$1,030	1.00	\$1,100
5.0	Rock Scour Protection						
5.1	Excavation	8	CY	\$200	\$1,648	1.00	\$1,700
	Off-haul & Disposal	24	CY	\$60	\$1,483	1.00	\$1,500
	Rock Scour Protection (Caltrans 1/2 Ton)	34	CY	\$80	\$2,769	1.00	\$2,800
	Rock Placement	4	CY	\$200	\$824	1.00	\$900
5.0	Bank Excavation						
5.1	Excavation	16	EA	\$200	\$3,296	1.00	\$3,300
	Off-haul & Disposal	30	CY	\$60	\$1,854	1.00	\$1,900
6.0	Site Clean-Up						
6.1	Restore access	1.0	LS	\$2,000.0	\$2,060	1.00	\$2,100
	SUBTOTAL						\$101,600
	Contingency (15%)						\$15,240
TOTAL CONSTRUCTION COSTS							\$116,800

Notes: