RCFC & WCD 2018

June 27, 2019

Calendar On

DATE

2018 - 0089 -PROJECT NUMBER

INDIO MDP- GOLF CENTER PKWY (GCP) SD					
PROJECT NAME					
CONSTRUCTION COST	\$	682,160			
PLUS 22% LUMP SUM ITEMS	+	150,075			
PLUS 12% CONTINGENCY	+	81,859			
SUBTOTAL	=	914,094			
ENV. MITIGATION COSTS	+	0			
PLUS 25% ENG & ADMIN	-	191,005			
PLUS 3% MSHCP MITIGATION FEE	-	22,921			
RIGHT-OF-WAY		0			
DATE OF R/W ESTIMATE	-				
TOTAL	\$	1,128,000			
	\$	1,128,000			
ADDITIONAL INFORMATION	\$,			
ADDITIONAL INFORMATION PROJECT	\$	RESPONSIBLE			
ADDITIONAL INFORMATION PROJECT LENGTH	\$,			
ADDITIONAL INFORMATION PROJECT LENGTH 00 + 00	\$	RESPONSIBLE			
ADDITIONAL INFORMATION PROJECT LENGTH 00 + 00 ENGR. INT.	\$.	RESPONSIBLE			
ADDITIONAL INFORMATION PROJECT LENGTH 00 + 00 ENGR. INT. PROJECT TYPE:	\$	RESPONSIBLE			
ADDITIONAL INFORMATION PROJECT LENGTH 00 + 00 ENGR. INT.	\$.	RESPONSIBLE			
ADDITIONAL INFORMATION PROJECT LENGTH 00 + 00 ENGR. INT. PROJECT TYPE:	\$.	RESPONSIBLE SECTION			
ADDITIONAL INFORMATION PROJECT LENGTH 00 + 00 ENGR. INT. PROJECT TYPE: Flood Control Water Conservation Water Quality Enhancement	\$. 	RESPONSIBLE SECTION			

DRAIN PIPE AND CATCH BASINS AT EAST SIDE CHANNEL FROM EXISTING 78" ON AVE 44 EXTEND TO VIA ENTRADA ALONG GOLF CENTER PARKWAY

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT **2018 PROJECT PLANNING COSTS**

PROJECT DESCRIPTION: INDIO MDP- GOLF CENTER PKWY (GCP) SD

ITEM	UNIT	QUANTITY	CRITERIA	2018 Cost	TOTAL
TRAP. CHANNEL EXCAVATION	CY		b > 8	\$6.60	
THOU : OF WATEL EXONORMATION	01		b ≤ 8	\$9.20	
RCB & RECT. CHAN.	CY		b > 12	\$8.00	
EXCAVATION	01		b ≤ 12	\$12.10	
COMPACTED FILL	CY		EXC > FILL EXC < FILL	\$3.25 \$7.30	
STRUCTURE BACKFILL	CY		EXC \ FILL	\$10.40	
OTROOTORE BACKLIEE			b > 8 ¹	\$380.00	
TRAP. CHANNEL CONCRETE	CY		b ≤ 8	\$480.00	
R.C.B. CONCRETE (INCLUDING			L > 150	\$720.00	
STEEL)	CY		L < 150	\$860.00	
RECT. CHAN. CONC. (INCLUDING	_		L > 150	\$440.00	
STEEL)	CY		L < 150	\$615.00	
CUTOFF WALL (2' TYP.)	LF			\$13.50	
OLIDD DAIN			6 < b ≤ 16	\$12.50	
SUBDRAIN	LF		b > 16	\$25.00	
FENCING (6' TYP.)	LF			\$21.30	
CATCH BASINS	LF	84		\$560.00	\$47,040
		2	FOR MAINLINE	\$6,200.00	\$12,400
MANHOLES (PIPE)	EA	4	FOR JUNCTION	\$8,000.00	\$32,000
MANHOLES (RCB)	EA			\$2,100.00	402 ,000
HOT MIX ASPHALT (HMA) TYPE A ³	SF			\$3.00	
CLASS 2 BASE (3" THICK)	SF			\$0.40	
ROCK SLOPE PROTECTION ⁴	31			\$80.00	
CONCROCK SLOPE PROTECTION	CY ²			\$130.00	
STORM DRAINS		SEE STO	\$525,320		
OTORWIDIANIO	1.00	T	RM DRAIN COST SHEET	£4.40	Ψ020,020
SLAB BRIDGES	LBS CY	SEE BRIDGE COST SHEET	REBAR CONCRETE	\$1.10 \$540.00	
	O1	000:0::==:	CONCRETE	φ040.00	
MISCELLANEOUS COSTS		SEE MISCI	ELLANEOUS COST SHEET	-	\$65,400
DAM & BASIN COSTS			400 , 100		
DAIVI & DAOIN COSTS		JEE DAI	M & BASIN COST SHEET		
1. No.4 bars at 18 inches	CONSTRUCTION COST			\$682,160	
2. 1.9 tons/cy			\$150,075		
3. Includes 4" A.C. & 8" A.B.4. Use 75% for large installations (>10)	000cy)		·		
5. Use 125% of rock slope protection determine concreted-rock quantity	to		\$81,859		
6. i.e. Mobilization, Water Control, etc	i.		\$914,094		
7. Connector pipe, etc.		ENG & ADMIN. (25%);			\$213,925
8. Cell typically only used for ADP Up	dates.	MSHCP MITI	42.10,020		
	AS-BUILT COSTS ⁸				\$0
ENV. MITIGATION COSTS (LS)				LS)	\$0
R/W (FROM R/W SHEET))	\$0	
R/W (FROM DAM & BASIN SHEET)				•	\$0
rev. 9/21/2017 NAME & DATE				·	
06/27/19 TOTAL				\$1,128,020	

STORM DRAIN COSTS FOR: DESERT AREA

INSIDE DIA. (INCHES)	AC COVER? ENTER Y or N	LENGTH OF PIPE (FT)	PIPE (\$/FT)	IN PLACE (\$/FT) W/O AC	IN PLACE (\$/FT) W/AC	TOTAL
18	Y	300 FT	\$137		\$177	\$53,100
24	Y	500 FT	\$156		\$202	\$101,000
30	Y		\$181		\$233	\$0
36	Y	1380 FT	\$209		\$269	\$371,220
42	Υ		\$239		\$306	\$0
48	Y		\$276		\$350	\$0
60	Υ		\$355		\$445	\$0
72	Υ		\$443		\$557	\$0
		2180 FT				
				STORM DRAIN	TOTAL	\$525,320

MISCELLANEOUS COSTS

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
UTILITY RELOCATION	2180	LF	\$30	\$65,400
		MISCELLANEO	\$65,400	