RCFC & WCD 2018

August 21, 2019

Calendar On

2018 - 0089 -

PROJECT NUMBER DATE INDIO MDP- DR. CARREON SYSTEM PROJECT NAME CONSTRUCTION COST \$ 8,414,600 PLUS 22% LUMP SUM ITEMS + 1,851,212 PLUS 12% CONTINGENCY + 1,009,752 SUBTOTAL = 11,275,564 **ENV. MITIGATION COSTS +** 0 PLUS 25% ENG & ADMIN + 2,356,088 PLUS 3% MSHCP MITIGATION FEE + 282,731 RIGHT-OF-WAY + 0 DATE OF R/W ESTIMATE TOTAL \$ 13,914,000 ADDITIONAL INFORMATION **PROJECT** RESPONSIBLE LENGTH **SECTION** 00 + 00ENGR. INT. PROJECT TYPE: Flood Control Water Conservation Water Quality Enhancement Ground Water Recharge ✓ Other CITY OF INDIO MDP

PROJECT DESCRIPTION:

DR. CARREON MDP DRAINAGE FACILITY, INCLUDING STORM DRAIN PIPE, EXISTING RIV. CO. FAIRGROUNDS & JACKSON SOUTH SOCCER PARK BASIN MODIFICATION, PARKWAY INFILTRATION TRENCH, TUNNELING UNDER R/R TRACKS... FROM MONROE ST. TO CABAZON DR. AND A MINOR STORM DRAIN EXT. ON AVE 46 WEST OF CLINTON ST.

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

PROJECT DESCRIPTION:

INDIO MDP- DR. CARREON SYSTEM

ITEM	UNIT	QUANTITY	CRITERIA	2018 Cost	TOTAL
TRAP. CHANNEL EXCAVATION	CY		b > 8	\$6.60	
THOU I SHIPWING EXCONTANTION	01		b ≤ 8	\$9.20	
RCB & RECT. CHAN.	CY		b > 12	\$8.00	
EXCAVATION			b ≤ 12	\$12.10	
COMPACTED FILL	CY		EXC > FILL EXC < FILL	\$3.25 \$7.30	
STRUCTURE BACKFILL	CY		EXC \ FILL	\$10.40	
OTROOTORE BAOKITEE			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	
			6 < b ≤ 16	\$12.50	
SUBDRAIN	LF		b > 16	\$25.00	
FENCING (6' TYP.)	LF			\$21.30	
CATCH BASINS	LF	868		\$560.00	\$486,080
		24	FOR MAINLINE	\$6,200.00	\$148,800
MANHOLES (PIPE)	EA	32	FOR JUNCTION	\$8,000.00	\$256.000
MANHOLES (RCB)	EA	02		\$2,100.00	\$200,000
HOT MIX ASPHALT (HMA) TYPE A ³	SF			\$3.00	
` ,					
CLASS 2 BASE (3" THICK)	SF			\$0.40	
ROCK SLOPE PROTECTION ⁴ CONCROCK SLOPE PROTECTION	CY ²			\$80.00 \$130.00	
		055.070	#C 000 700		
STORM DRAINS		T	RM DRAIN COST SHEET		\$6,023,720
SLAB BRIDGES	LBS	SEE BRIDGE COST SHEET	REBAR	\$1.10	
	CY	COST SHEET	CONCRETE	\$540.00	
MISCELLANEOUS COSTS		SEE MISC	ELLANEOUS COST SHEET	-	\$1,500,000
			ψ1,500,000		
DAM & BASIN COSTS		SEE DAI	M & BASIN COST SHEET		
					Ī
1. No.4 bars at 18 inches			\$8,414,600		
2. 1.9 tons/cy			\$1,851,212		
3. Includes 4" A.C. & 8" A.B. 4. Use 75% for large installations (>10	000cv)				
5. Use 125% of rock slope protection	• ,		\$1,009,752		
determine concreted-rock quantity 6. i.e. Mobilization, Water Control, etc.			\$11,275,564		
7. Connector pipe, etc.	••	ENG &	#0.600.040		
8. Cell typically only used for ADP Up	dates.		GATION FEE: (3%) ?	✓ ON FOR YES	\$2,638,819
					T
AS-BUILT COSTS ⁸					\$0
		EN	\$0		
			\$0		
		R/W	\$0		
rev. 9/21/2017	·				
	\$13,914,383				

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	2200 FT	\$137		\$177	\$389,400
24	Y	3000 FT	\$156		\$202	\$606,000
36	Y	4200 FT	\$209		\$269	\$1,129,800
42	Y	1100 FT	\$239		\$306	\$336,600
48	Y	2500 FT	\$276		\$350	\$875,000
54	Y	1160 FT	\$312		\$395	\$458,200
66	Y	2640 FT	\$397		\$503	\$1,327,920
72	Y	700 FT	\$443		\$557	\$389,900
72	N	400 FT	\$443	\$520		\$208,000
30	Y	1300 FT	\$181		\$233	\$302,900
		19200 FT				
•				STORM DRAIN TOTAL		\$6,023,720

MISCELLANEOUS COSTS

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DAVIS BASIN INFILTRATION TRENCH	600	LF	\$210	\$126,000
MAXWELL PLUS - 40' DEPTH	1	EA	\$40,000	\$40,000
ODIFY FAIRGND BASIN (INLET, OUTLET, BOTTO	1	LS	\$150,000	\$150,000
MODIFY DAVIS BASIN (INLET, OUTLET, BOTTOM	1	LS	\$200,000	\$200,000
1-72" TUNNELING UNDER R/R TRACKS	80	LF	\$1,500	\$120,000
UTILITY RELOCATION	19200	LF	\$30	\$576,000
72" SD TRANSITION TO CHANNEL	1	EA	\$20,000	\$20,000
INFILT. TRENCH AT BASIN E. PALM MEADOWS	800	LF	\$210	\$168,000
MODIFY PALM MEADOWS BASIN	1	LS	\$100,000	\$100,000
		MISCELLANEOUS TOTAL \$7		\$1,500,000