RCFC & WCD 2018

June 27, 2019

2018 - 0089 -

PROJECT NUMBER DATE INDIO MDP- AVE 44 PROJECT NAME CONSTRUCTION COST \$ 5,378,760 PLUS 22% LUMP SUM ITEMS + 1,183,327 PLUS 12% CONTINGENCY + 645,451 SUBTOTAL = 7,207,538 **ENV. MITIGATION COSTS +** 0 PLUS 25% ENG & ADMIN + 1,506,053 PLUS 3% MSHCP MITIGATION FEE + 180.726 RIGHT-OF-WAY + 0 DATE OF R/W ESTIMATE TOTAL \$ 8,894,000 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:

AVENUE 44 MDP DRAINAGE FACILITY INCLUDING STORM DRAIN PIPE AND CATCH BASINS FROM YUCCA STREET TO CSVWC (WHITE WATER RIVER CHANNEL); AND LATERALS ON YUCCA STREET, SOLA ST., KENNER AVE. AND TOWNE STREET

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

PROJECT DESCRIPTION:

INDIO MDP- AVE 44

ITEM	UNIT	QUANTITY	CRITERIA	2018 Cost	TOTAL		
TRAP. CHANNEL EXCAVATION	CY		b > 8	\$6.60			
TOW : OTHER WAY I SHOW THE TOWN			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			\$10.40			
TRAD CHANNEL CONODETE	0)/		b > 8 ¹	\$380.00			
TRAP. CHANNEL CONCRETE	CY		b ≤ 8	\$480.00			
R.C.B. CONCRETE (INCLUDING	CY		L > 150	\$720.00			
STEEL)			L < 150	\$860.00			
RECT. CHAN. CONC. (INCLUDING	CY		L > 150	\$440.00			
STEEL)			L < 150	\$615.00			
CUTOFF WALL (2' TYP.)	LF			\$13.50			
SUBDRAIN	LF		6 < b ≤ 16	\$12.50			
SUBDRAIN	LF		b > 16	\$25.00			
FENCING (6' TYP.)	LF			\$21.30			
CATCH BASINS	LF	500		\$560.00	\$280,000		
		10	FOR MAINLINE	\$6,200.00	\$62,000		
MANHOLES (PIPE)	EA	20	FOR JUNCTION	\$8,000.00	\$160,000		
MANHOLES (RCB)	EA	-		\$2,100.00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
HOT MIX ASPHALT (HMA) TYPE A ³	SF			\$3.00			
CLASS 2 BASE (3" THICK)	SF			\$0.40			
ROCK SLOPE PROTECTION ⁴		100		\$80.00	\$8,000		
CONCROCK SLOPE PROTECTION	CY ²	100		\$130.00	φο,σσσ		
STORM DRAINS		SEE STO	\$4,372,760				
	LBS	SEE BRIDGE	REBAR	\$1.10	. , ,		
SLAB BRIDGES	CY	COST SHEET	CONCRETE	\$540.00			
MISCELLANEOUS COSTS		SEE MISCELLANEOUS COST SHEET \$496,000					
DAM & BASIN COSTS		SEE DAN					
			CONSTRUCTION COST				
1. No.4 bars at 18 inches			\$5,378,760				
2. 1.9 tons/cy 3. Includes 4" A.C. & 8" A.B.			\$1,183,327				
4. Use 75% for large installations (>1	• ,		\$645,451				
5. Use 125% of rock slope protection determine concreted-rock quantity	το						
6. i.e. Mobilization, Water Control, etc	; <u>.</u>		\$7,207,538				
7. Connector pipe, etc.8. Cell typically only used for ADP Up				✓ ON FOR YES	\$1,686,779		
or con typically and accuse the con-		11101101 111111	G/11/01/1 LL: (0/0) :				
AS-BUILT COSTS ⁸							
	-vi	ENV. MITIGATION COSTS (LS)					
			\$0				
		\$0					
rev. 9/21/2017	•••		(FROM DAM & BASIN SH	IEET)	\$0		
NAME & DATE 06/27/19 TOTAL					\$8,894,318		

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	700 FT	\$137		\$177	\$123,900
24	Y	1000 FT	\$156		\$202	\$202,000
30	Y	2000 FT	\$181		\$233	\$466,000
36	Y	1000 FT	\$209		\$269	\$269,000
42	Y	640 FT	\$239		\$306	\$195,840
48	Y	1300 FT	\$276		\$350	\$455,000
60	Y	2400 FT	\$355		\$445	\$1,068,000
72	Y	2860 FT	\$443		\$557	\$1,593,020
		11900 FT				
				STORM DRAIN TOTAL		\$4,372,760

MISCELLANEOUS COSTS

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
HEADWALL AT 72" SD OUTLET	1	EA	\$20,000	\$20,000
UTILITY RELOCATION (40k/1000 LF)	11900	LF	\$40	\$476,000
	MISCELLANEOUS TOTAL		\$496.000	