



**CITY OF MARICOPA FIRE ADMIN
PRE-CONSTRUCTION SERVICES
AUGUST 20, 2018
CMAR - DESIGN PHASE FEE SUMMARY**

Design Phase	CMAR Pre-Con Fees	TOTAL
PROGRAMMING	\$ 2,696	\$ 2,696
SCHEMATIC	\$ 19,184	\$ 19,184
DESIGN DEVELOPMENT	\$ 16,795	\$ 16,795
CONSTRUCTION DOCUMENTS	\$ 20,798	\$ 20,798
BID PHASE	\$ 13,554	\$ 13,554
		\$ -
Reimbursable Expenses (Print & Presentation)	\$ 3,500	\$ 3,500
CMAR PRE-CON FEES	\$ 76,528	\$ 76,528
Total Allowances	To Be Discussed (3D Imagining)	\$0
CMAR PRE-CON FEE W/ALLOWANCES		\$76,528



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<u>PROGRAMMING PHASE</u>	PRINCIPAL / DIRECTOR	PROJECT MANAGER	PRE-CON MANAGER	PROJECT ENGINEER	ADMIN.	TOTAL MANHOURS	TOTAL COST
TOTAL MANHOURS	3	9	9	3	0	24	
BASE HOURLY RATE	\$72	\$68	\$68	\$55	\$35		
TOTAL BASE COST	\$216	\$612	\$612	\$165	\$0		
LABOR BURDEN	\$108	\$306	\$306	\$83	\$0		
TOTAL LABOR	\$324	\$918	\$918	\$248	\$0		
PROFIT	7%	7%	7%	7%	7%		
TOTAL BASE COST, OVERHEAD & PROFIT	\$363	\$1,028	\$1,028	\$277	\$0		\$2,696

<u>SCHEMATIC PHASE</u>	PRINCIPAL / DIRECTOR	PROJECT MANAGER	PRE-CON MANAGER	PROJECT ENGINEER	ADMIN.	TOTAL MANHOURS	TOTAL COST
TOTAL MANHOURS	28	53	58	28	9	176	
BASE HOURLY RATE	\$72	\$68	\$68	\$55	\$35		
TOTAL BASE COST	\$2,016	\$3,604	\$3,944	\$1,540	\$315		
LABOR BURDEN	\$1,008	\$1,802	\$1,972	\$770	\$158		
TOTAL LABOR	\$3,024	\$5,406	\$5,916	\$2,310	\$473		
PROFIT	7%	7%	7%	7%	7%		
TOTAL BASE COST, OVERHEAD & PROFIT	\$3,387	\$6,055	\$6,626	\$2,587	\$529		\$19,184



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DESIGN DEVELOPMENT	PRINCIPAL / DIRECTOR	PROJECT MANAGER	PRE-CON MANAGER	PROJECT ENGINEER	ADMIN.	TOTAL MANHOURS	TOTAL COST
TOTAL MANHOURS	23	49	53	23	4	152	
BASE HOURLY RATE	\$72	\$68	\$68	\$55	\$35		
TOTAL BASE COST	\$1,656	\$3,332	\$3,604	\$1,265	\$140		
LABOR BURDEN	\$828	\$1,666	\$1,802	\$633	\$70		
TOTAL LABOR	\$2,484	\$4,998	\$5,406	\$1,898	\$210		
PROFIT	7%	7%	7%	7%	7%		
TOTAL BASE COST, OVERHEAD & PROFIT	\$2,782	\$5,598	\$6,055	\$2,125	\$235		\$16,795

CONSTRUCTION DOCUMENTS	PRINCIPAL / DIRECTOR	PROJECT MANAGER	PRE-CON MANAGER	PROJECT ENGINEER	ADMIN.	TOTAL MANHOURS	TOTAL COST
TOTAL MANHOURS	26	54	62	40	12	194	
BASE HOURLY RATE	\$72	\$68	\$68	\$55	\$35		
TOTAL BASE COST	\$1,872	\$3,672	\$4,216	\$2,200	\$420		
LABOR BURDEN	\$936	\$1,836	\$2,108	\$1,100	\$210		
TOTAL LABOR	\$2,808	\$5,508	\$6,324	\$3,300	\$630		
PROFIT	7%	7%	7%	7%	7%		
TOTAL BASE COST, OVERHEAD & PROFIT	\$3,145	\$6,169	\$7,083	\$3,696	\$706		\$20,798



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<u>BID</u> <u>PHASE - PRESENT GMP</u>	PRINCIPAL / DIRECTOR	PROJECT MANAGER	PRE-CON MANAGER	PROJECT ENGINEER	ADMIN.	TOTAL MANHOURS	TOTAL COST
TOTAL MANHOURS	12	40	48	12	16	128	
BASE HOURLY RATE	\$72	\$68	\$68	\$55	\$35		
TOTAL BASE COST	\$864	\$2,720	\$3,264	\$660	\$560		
LABOR BURDEN	\$432	\$1,360	\$1,632	\$330	\$280		
TOTAL LABOR	\$1,296	\$4,080	\$4,896	\$990	\$840		
PROFIT	7%	7%	7%	7%	7%		
TOTAL BASE COST, OVERHEAD & PROFIT	\$1,452	\$4,570	\$5,484	\$1,109	\$941		\$13,554

<u>TOTAL ALL PHASES</u>	PRINCIPAL / DIRECTOR	PROJECT MANAGER	PRE-CON MANAGER	PROJECT ENGINEER	ADMIN.	TOTAL MANHOURS	TOTAL COST
TOTAL MANHOURS	92	205	230	106	41	674	
BASE HOURLY RATE	\$72	\$68	\$68	\$55	\$35		
TOTAL BASE COST	\$6,624	\$13,940	\$15,640	\$5,830	\$1,435		
LABOR BURDEN	\$3,312	\$6,970	\$7,820	\$2,915	\$718		
COST + OVERHEAD	\$9,936	\$20,910	\$23,460	\$8,745	\$2,153		
PROFIT	7%	7%	7%	7%	7%		
TOTAL BASE COST, OVERHEAD & PROFIT	\$10,631.52	\$22,374	\$25,102	\$9,357	\$2,303		\$73,028

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**CITY OF MARICOPA FIRE ADMINISTRATION FACILITY
PRE-CONSTRUCTION SERVICES
AUGUST 20, 2018
CMAR - DESIGN PHASE FEE SUMMARY**

MANHOURS BY TYPE OF PERSONNEL	Principal / Director	Project Manager	Preconstruction Manager	Engineer / Super	Administration	TOTAL MANHOURS
PROGRAMMING/MASTER PLAN						
Project Coordination Meetings	0	3	3	0	0	6
Obtain and Coordinate Site Information	3	6	6	3	0	18
Programming Meeting - Overall MP	0	0	0	0	0	0
Coordination for Utilities	0	0	0	0	0	0
Attend Pre-Application Meeting	0	0	0	0	0	0
SUBTOTAL	3	9	9	3	0	24
SCHEMATIC DESIGN PHASE						
Project Coordination Meetings	6	12	12	6	0	36
Internal Scope Review Meeting	0	3	3	3	0	9
Site Plan Review (Civil) Meeting	3	3	3	0	0	9
Schematic Design Meeting	0	0	0	0	0	0
Prepare DD 30% Cost Estimate	8	16	24	8	6	62
30% Design Dev. Review Meeting	2	4	4	2	0	12
Hold Local Sub Workshop	0	6	3	6	3	18
ED3 Coordination	3	3	3	0	0	9
Gas Company Coordination	3	3	3	0	0	9
Global Water Kick Off	3	3	3	3	0	12
SUBTOTAL	28	53	58	28	9	176
DESIGN DEVELOPMENT PHASE						
Project Coordination Meetings	6	12	12	6	0	36
60% Review Meeting	2	4	4	2	0	12
Determine Scope of alternates (if req'd)	4	8	8	2	2	24
Prepare 60% Cost Estimate	4	12	16	4	2	38
Facilities Review Meeting	0	0	0	0	0	0
Constructability Review	4	10	10	6	0	30
Global Water Coordination	3	3	3	3	0	12
SUBTOTAL	23	49	53	23	4	152
CONSTRUCTION DOCUMENTS						
Project Coordination Meetings	6	12	12	6	0	36
90- 100% Design Meeting	4	4	4	4	0	16
Prepare 90% Cost Estimate	4	16	24	8	8	60
Conduct Internal QA/QC	4	6	6	6	4	26
Constructability Review	8	16	16	16	0	56
All Utility Companies Coordination	3	6	6	3	0	18
SUBTOTAL	26	54	62	40	12	194
BID PHASE						
Subcontractor Bid Process	8	32	40	8	12	100
Present GMP	4	8	8	4	4	28
SUBTOTAL	12	40	48	12	16	128
TOTAL MANHOURS	92	205	230	106	41	674