



PROJECT NO.: WA2100.402
CHANGE ORDER NO.: 1
DATE: 5/20/2026

This Change Order No. 1 ("Change Order No. 1") to the construction services agreement is made by and between the City of Chandler ("City"), and Archer Western Construction, LLC, an Illinois company ("CM@Risk"), on this _____ day of _____, 2026 ("Effective Date" by Clerk).

Change Order not valid until signed by both the City and the CM@Risk. CM@Risk's signature indicates Agreement herewith, including any adjustments in the Agreement Price or Agreement Time.

Project Name: Water System Upgrades Program
 Project No.: WA2100.402
 User Dept: Public Works & Utilities NTP Date: 11/12/2025

TO: Archer Western Construction, LLC 4710 East Elwood Street, Suite 6, Phoenix, AZ 85040
 (CM@Risk) (Mailing Address)
Daniel P Walsh dpwalsh@walshgroup.com
 (Company Representative) (Email Address)

CM@Risk must make the following changes to this Agreement:
 (Detail scope change (Exh. A) / cost breakdown (Exh. B), if needed)

- Exhibit A and Exhibit B provide the detailed scope and cost for the balance of design work.
- Cyber Technology Liability Insurance applies to the work in this change order, see Exhibit C.
- Milestone 1 – Substantial Completion of Dewatering Facility – January 28, 2028
- Milestone 2 -Project Substantial Completion – August 17, 2028

Amendment authorized by Owner Name: Daniel P Walsh **Date:** 5/11/2026

Original Agreement amount:	\$12,909,632.07
Previous Change Order total:	\$0
Last Agreement amount approved by Council:	\$12,909,632.07
This Change Order:	\$127,842,397.94
This Change Order + previous Change Order(s) not approved by Council total:	\$127,842,397.94
Revised Agreement total:	\$140,752,030.01

Council Approval Required (yes indicates approval required)	YES	NO
Change Order(s) total over \$100,000:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Change Order(s) total causes Agreement to exceed \$100,000:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Agreement Time	
Agreement time prior to this Change Order (including previous change order(s):	<u>658</u> Calendar Days
Net change resulting from this Change Order:	<u>436</u> Calendar Days
Revised Agreement time (including this Change Order):	<u>1,094</u> Calendar Days

Council Approval (if applicable)
 Council Approval Date: **6/25/2026**

THE ABOVE IS AGREED TO BY:

**"CITY"
CITY OF CHANDLER**

**"CM@RISK"
ARCHER WESTERN CONSTRUCTION, LLC**

Mayor

Daniel P Walsh June 1, 2026
Signature Date

RECOMMENDED BY:

Daniel Haskins June 1, 2026
Daniel Haskins, P.E.

Daniel P Walsh
Print Name

President
Title

dpwalsh@walshgroup.com
Signer Email Address

APPROVED AS TO FORM:

City Attorney *TMB*

ATTEST:

City Clerk Seal

**EXHIBIT A
SCOPE OF WORK
&
EXHIBIT B
FEE SCHEDULE**

EXHIBIT A

SCOPE OF WORK

(Additional Backup Available upon Request)

SECTION B

PROJECT DESCRIPTION



1. PROJECT DESCRIPTION

The Pecos Surface Water Treatment Plant (PSWTP) Improvement Project will provide both pre-construction and construction services to implement a series of upgrades to the facility's liquid and solid treatment processes. These improvements are designed to enhance water quality, operational efficiency, and long-term reliability throughout the City of Chandler's (City) water system.

Hazen and Sawyer (Hazen) have used the City naming conventions to standardize the work breakdown structure as summarized below:

1.1 Work Breakdown Structure

A Work Breakdown Structure (WBS) was developed for this estimate to organize the cost data based on distinct attributes that can be filtered and sorted for the purpose of generating specific subtotals. The WBS values for this estimate consist of work area and work package which are largely derived from CSI division codes.

Facility ID	Facility Name	Work Packages
01	Site Work	02-Demolition 03-Concrete 04-Masonry 05-Misc Metals 09-Paint & Coatings 26-EI&C 31-Erosion Control 31-Earthwork 32-Paving, Curb & Gutters 33-Fiber Optic 33-Utilities 40-Process Pipe & Valves
10	Seal Weir Structure	03-Concrete 05-Misc Metals 06-FRP Materials 09-Paint & Coatings 22-Plumbing & HVAC 26-EI&C 31-Earthwork 40-Process Pipe & Valves 43/46-Process Equipment
30	Existing Raw Water Pump Station 1	09-Paint & Coatings 40-Process Pipe & Valves
35	Existing Raw Water Pump Station 2	09-Paint & Coatings 40-Process Pipe & Valves
42	GAC Pump Station	03-Concrete 05-Misc Metals 09-Paint & Coatings



Facility ID	Facility Name	Work Packages
		40-Process Pipe & Valves 43/46-Process Equipment
43	Post-Filter GAC Contactors	03-Concrete 05-Misc Metals 06-FRP Materials 08-Doors & Windows 09-Paint & Coatings 13-Special Construction 22-Plumbing & HVAC 26-EI&C 31-Earthwork 40-Process Pipe & Valves 43/46-Process Equipment
43E	Post Filter GAC Electrical Building	03-Concrete 04-Masonry 05-Misc Metals 07-Roofing 08-Doors & Windows 09-Paint & Coatings 13-Special Construction 21-Fire Suppression 22-Plumbing & HVAC 26-EI&C 31-Earthwork
45	Filtered Water Reservoirs	03-Concrete 09-Paint & Coatings 31-Earthwork 40-Process Pipe & Valves
50	Finished Water Pump Station	09-Paint & Coatings 40-Process Pipe & Valves
65	Equalization Basins	03-Concrete 09-Paint & Coatings 26-EI&C 40-Process Pipe & Valves 43/46-Process Equipment
75	Dewatering Facility	03-Concrete 04-Masonry 05-Misc Metals 06-FRP Materials 07-Roofing 08-Doors & Windows 09-Paint & Coatings 13-Special Construction 21-Fire Suppression 22-Plumbing & HVAC 26-EI&C



Facility ID	Facility Name	Work Packages
		31-Earthwork 40-Process Pipe & Valves 43/46-Process Equipment
86	Chlorine Dioxide Facility	03-Concrete 04-Masonry 05-Misc Metals 06-FRP Materials 07-Roofing 08-Doors & Windows 09-Paint & Coatings 13-Special Construction 21-Fire Suppression 22-Plumbing & HVAC 26-EI&C 31-Earthwork 40-Process Pipe & Valves 43/46-Process Equipment
87	Post Treatment Chemical Facility	09-Paint & Coatings 26-EI&C 40-Process Pipe & Valves 43/46-Process Equipment
90	Disinfection Building	09-Paint & Coatings 40-Process Pipe & Valves
95	Admin Building (Lab)	09-Paint & Coatings 40-Process Pipe & Valves
99	Construction Manager General Conditions	26-EI&C 97-Site Wide Equipment 99-GC/GR

Archer Western is delivering the project components in three phases. Each phase is described below:

1.2 Work completed in GMP-1 (COC Contract WA2100.401):

Work completed under a separate contract, the GMP-1 included the following:

- Replacement of GAC (granular activated carbon) media in existing filters
- Concrete repair and rehabilitation of existing filters

1.3 Work under contract in GMP-2 (COC Contract WA2100.402):

- Electrical gear long lead procurement
- Site demolition
- Erosion control
- Excavation and shoring for the Post-filter GAC contactors and GAC pump station
- Utilities around the Post-filter GAC contactors and GAC pump station



- Allowances for structural concrete activities at the GAC pump station

1.4 Work proposed for GMP-3 (Remaining Project Scope):

- Site demolition
- Installation of long lead procured equipment
- Additional concrete repairs and rehabilitation of existing filters
- Construction of new post-filter GAC, pump station, and seal weir structure
- New electrical room at the post-filter GAC
- Modifications to the existing filtered water reservoirs 1 and 2
- Replace the 16-in BWR at the finished water pump station
- Replacement and reconfiguration of EQ submersible pumps in tanks 1 and 2
- Construction of new dewatering equipment and associated building
- Construction of a new chlorine dioxide generation facility
- Addition of new sodium hypochlorite metering systems and new tie-in points
- Add chemical addition to the existing raw water pump stations 1 and 2
- Add new tie-in points at the existing disinfection building softening system
- Add new sample sink and sample lines at the Admin Bldg laboratory
- Miscellaneous electrical and yard piping improvements
- Relocation/Demolition of existing dewatering equipment

1.5 Project Delivery and Schedule:

The program will be delivered through multiple design and construction packages over the period of Q3 2024 through Q4 2028. Pre-construction services began in Q3 2024, with construction started in Q1 2025 and continue through Q4 2028.

The detailed construction baseline schedule is included in Section E.

Guaranteed Maximum Price (GMP) Packages:

1. Filters 9 to 12 construction (completed)
2. Long Lead Procurement and Early Construction Work (under contract)
3. Remaining Construction (this GMP)

2. SCOPE OF WORK

This GMP covers the work related to the balance of construction and commissioning. The work under this project will address the following:



The scope of work includes the following:

FACILITY	AREA	DESCRIPTION
01		SITE WORK
		DEMO
	02.01.100A	GMP 2 CHANGE ORDER- DEDUCT TO GO TO SUB
	02.01.100B	DEMO 8' CMU WALL & HEADWALL
	02.01.111	DEMO 4' CONCRETE RETAINING WALL
	02.01.113A	ADDITIONAL DEMO OF CONCRETE SLAB
	02.01.114A	DEMO EX. ASPHALT PAVEMENT (ASSUMED 3" THICK)
	02.01.115A	REMOVE EX. CURB & GUTTER
	02.01.116	REMOVE & SALVAGE DG (ASSUMED 3" THICK)
	02.01.117	REMOVE EX. CONCRETE SIDEWALK (ASSUMED 4" THICK)
	02.01.124	RELOCATE STORAGE CONTAINERS
	02.01.131	REMOVE EX. PLANT DRAIN PIPE-04" PVC
	02.01.132	CAP EX. DEWATERING FILTRATE-08"
	02.01.134	CAP EX. FILTERED WATER LINE-08"
	02.01.135	REMOVE & SALVAGE RIP RAP (ASSUMED 1.5' THICK)
	02.01.121	REMOVE & SALVAGE RIVER ROCK (ASSUMED 1' THICK)
	02.01.130	REMOVE EX. STORM DRAIN-06" HDPE
	02.01.137	REMOVE EX. LIGHT, POLE, & BASE (ASSUMED 3' DIA X 5' DEEP)
	02.01.150	***REMOVE ADDITIONAL EX. ASPHALT PAVEMENT (ASSUMED 3" THICK)***
		CONCRETE
	03.01.300	CMU FTG 1260LF (C-12, 13, 16, 18, 19)
	03.01.305	LIGHT POLES
	03.001.025	HEADWALL ON C-13/C-16
	03.01.330	HEADWALL REPLACEMENT ON C-30
	03.01.998	T&M CRACK INJECTIONS AT FILTERS
		MASONRY
	01.04.805	MASONRY SUBCONTRACT
	32.11.114A	TEMP FENCING
		MISC METALS
	01.50.800A	INSTALL BOLLARDS PLUS CONCRETE
	01.500.800	MISC METALS SUBCONTRACT
		PAINT & COATINGS
	09.01.800	PAINTING SUBCONTRACT - BOLLARDS & MASONRY WALL
		SPECIAL CONSTRUCTION
	13.01.700	SIGNS
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	01.26.800	SITE ELECTRICAL WORK
	01.26.805	SITE ELECTRICAL DUCTBANK
		EROSION CONTROL
	31.01.100A	INSTALL SILT FENCE



FACILITY	AREA	DESCRIPTION
	31.01.101A	MONTHLY MAINTENANCE OF SILT FENCE
	31.01.102	REMOVE SILT FENCE
	31.01.103A	INLET PROTECTION
	31.01.104A	MONTHLY MAINTENANCE OF INLET PROTECTION
	31.01.105	REMOVE INLET PROTECTION
	31.01.107	REMOVE CONSTRUCTION EXITS
	31.01.108A	STREET SWEEPING
		EARTHWORK
	19020B	GMP 3-ADDITIONAL STAFF
	31.01.300	RETENTION BASIN EXCAVATION
	31.10.100A	ROADWAY/SITE EXCAVATION
		PAVING, CURB & GUTTER
	32.01.100	8' TALL CMU WALL PREP (SEE DETAIL ON S75-12)
	32.01.101	7.5' TALL RETAINING WALL PREP (SEE DETAIL ON S75-11)
	32.01.102	07" THICK CONCRETE PAVING ON 04" THICK ABC
	32.01.103	09" THICK CONCRETE PAVING ON 04" THICK ABC
	32.01.106	2'-0" RIBBON CURB PER MAG 220-1, TYPE B
	32.01.107	04" THICK CONCRETE SIDEWALK ON 06" THICK ABC
	32.01.108	CONCRETE VALLEY GUTTER PER MAG 240
	32.01.109	RAISE & COLLAR EX. CLEANOUT PER DETAIL 6/CD-02
	32.01.110	RAISE & COLLAR EX. MANHOLE
	32.01.112	ASPHALT ROADWAY/DRIVEWAY REPLACEMENT-03" THICK
	32.01.113	D50=04" RIP RAP, 06" THICK W/ FABRIC
	32.01.114	PLACE 03" OF DG ONSITE
	32.01.115	D50=06" RIP RAP, 12" THICK W/ FABRIC
	32.01.116	D50=12" RIP RAP, 24" THICK W/ FABRIC
	32.01.117	D50=04" RIP RAP, 08" THICK W/ FABRIC
	32.01.118	CHAIN LINK SECURITY FENCING-08' TALL
	32.01.119	LIGHT POLE BASE FOUNDATIONS-02' DIAMETER-PER E26-0601
	32.01.125	***ASPHALT CONTINGENCY AT GAC***
	32.01.126	***ADDITIONAL ASPHALT ROADWAY REPLACEMENT-03" THICK***
		FIBER OPTICS
	33.01.100	DIG AND BACKFILL NEW FIBER OPTIC
	33.01.101	MOPO #11
		UTILITIES
	19020B	GMP 3-ADDITIONAL STAFF
	33.01.300	3" SOFTENED WATER-AVG. DEPTH-8.00'
	33.01.301	BEDDING ENCASED DUCTBANK-7 (PARTIAL) & 8
	33.01.303	BEDDED/ENCASED CHEMICAL DUCT BANK-9-AVG. DEPTH-8.13' (2 CASE/4 CHEM LINES)
	33.01.304	BEDDED/ENCASED CHEMICAL DUCT BANK-7-AVG. DEPTH-6.28' (2 CASE/2 CHEM LINES)
	33.01.305	BEDDED/ENCASED CHEMICAL DUCT BANK-6-AVG. DEPTH-7.17' (2 CASE/2 CHEM LINES)
	33.01.306	BEDDED/ENCASED CHEMICAL DUCT BANK-5-AVG. DEPTH-6.76' (2 CASE/2 CHEM LINES)



FACILITY	AREA	DESCRIPTION
	33.01.307	BEDDED/ENCASED CHEMICAL DUCT BANK-4-AVG. DEPTH-6.60' (7 CASE/7 CHEM LINES)
	33.01.308	BEDDED/ENCASED CHEMICAL DUCT BANK-3-AVG. DEPTH-4.00' (2 CASE/2 CHEM LINES)
	33.01.309	BEDDED/ENCASED CHEMICAL DUCT BANK-1-AVG. DEPTH-6.37' (8 CASE/8 CHEM LINES)
	33.01.310	BEDDED/ENCASED CHEMICAL DUCT BANK-2-AVG. DEPTH-7.04' (6 CASE/6 CHEM LINES)
	33.01.311	BEDDED/ENCASED CHEMICAL DUCT BANK-2A-AVG. DEPTH-6.87' (4 CASE/4 CHEM LINES)
	33.01.312	BEDDED/ENCASED CHEMICAL DUCT BANK-2B-AVG. DEPTH-5.47' (2 CASE/2 CHEM LINES)
	33.01.312B	BEDDED/ENCASED CHEMICAL DUCT BANK-10-AVG. DEPTH-6.46' (4 CASE/4 CHEM LINES)
	33.01.312C	BEDDED/ENCASED CHEMICAL DUCT BANK-11-AVG. DEPTH-3.64' (4 CASE/4 CHEM LINES)
	33.01.312D	BEDDED/ENCASED CHEMICAL DUCT BANK-12-AVG. DEPTH-5.87' (6 CASE/10 CHEM LINES)
	33.01.312E	BEDDED/ENCASED CHEMICAL DUCT BANK-13-AVG. DEPTH-6.43' (5 CASE/9 CHEM LINES)
	33.01.313	INSTALL CHEMICAL VAULT-5'X5'-AVG. DEPTH-7.50'
	33.01.314	INSTALL CHEMICAL VAULT-4'X4'-AVG. DEPTH-6.03'
	33.01.315	INSTALL CHEMICAL VAULT-3'X3'-AVG. DEPTH-7.83'
	33.01.315A	INSTALL TRANSITION VAULT-4'X4'-AVG. DEPTH-8.29'
	33.01.318	6" PERFORATED HDPE STORM-AVG. DEPTH-2.00'
	33.01.319	24" RCP STORM-AVG. DEPTH-4.04'
	33.01.319A	12" HDPE STORM-AVG. DEPTH-2.85'
	33.01.327	REROUTE EX. 4" PVC PUMP DISCHARGE LINE-ASSUMED AVG. DEPTH-3.43'
	33.01.328	REROUTE EX. 8" FILTERED WATER LINE-ASSUMED AVG. DEPTH-7.00'
	33.01.329	6" CL 350 DIP FIRE LINE-AVG. DEPTH-6.42'
	33.01.330	2" PEX/6" CL 350 DIP POTABLE WATER-AVG. DEPTH-5.89'
	33.01.331	4" PVC SEWER-AVG. DEPTH-5.18'
	33.01.333	1" SCH. 80 PVC SAMPLE PIPE-ASSUMED AVG. DEPTH-3.00'
	33.01.340	36" WSP BACKWASH WASTE (BWW)-AVG. DEPTH-9.74'
	33.01.342	42" WSP FILTERED WATER (FW)-GAC WETWELL TO SEAL WEIR-AVG. DEPTH-14.23'
	33.01.343	60" WSP FILTERED WATER (FW)-EFFLUENT CONNECTION TO SEAL WEIR-AVG. DEPTH-16.30'
	33.01.345	48" WSP GAC EFFLUENT (GE) TO 48"X60" REDUCER-AVG. DEPTH-16.60'
	33.01.346	6' SAMPLING MANHOLE-48" GE-DEPTH-18.61'
	33.01.346A	6' SAMPLING MANHOLE-60" FW-DEPTH-24.26'
	33.01.348	60" WSP FINISH WATER (FW) 48"X60" REDUCER TO 60X60 TEE (STA 9+01)-AVG. DEPTH-22.11'
	33.01.349	60"/54"/36"/30" WSP FINISH WATER (FW) 60X60 TEE (STA 9+01) TO TANKS-AVG. DEPTH-23.75'
	33.01.355	CONNECT TO EX. CAOCL LINE-1.5"-AVG. DEPTH-7.38'
	33.01.358	18" CL350 DIP FILTER TO WASTE (FTW) REROUTE-AVG. DEPTH-10.62'
	33.01.360	16" WSP BACKWASH RECIRCULATION (BWR) REROUTE-AVG. DEPTH-10.06'
	33.01.370	DEDUCT FOR EXPORT/IMPORT REPLACED BY NATIVE FILL IN NON PIPE ZONE AREAS
	33.43.300A	GMP 2-CHANGE ORDER- DEDUCT TO GO TO DEFINED SCOPE
	33.43.305A	GMP 2-CHANGE ORDER- DEDUCT TO GO TO DEFINED SCOPE
10		WEIR STRUCTURE
		CONCRETE
	19020	SELF-PERFORM STAFF
	03.010.000	SEAL WATER STRUCT. - SOG
	03.010.005	SEAL WATER - PERIMETER WALLS



FACILITY	AREA	DESCRIPTION
	03.010.010	SW - WEIR WALL
	03.010.020	SW - ELEV. DECK & BEAMS
	03.010.022	PUMP FND SOG
	03.010.023	PUMP PADS
	03.010.025	BLIND FLANGE MATERIAL/LEAK TEST SEAL WEIR
	03.010.099	REBAR - SEAL WEIR STRUCT.
	03.010.105	SEAL WATER - PERIMETER WALL PIPE (SET)
	03.10.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK
		MISC METALS
	05.10.700	MISC METALS SUBCONTRACT
		FRP MATERIALS
	06.10.700	FRP WEIR PLATES
		PAINT & COATINGS
	09.10.700	PAINTING SUBCONTRACT
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	10.26.800	WEIR STRUCTURE EI&C
		EARTHWORK
	31.10.100	EXCAVATION
	31.10.200	BACKFILL WEIR STRUCTURE
		PROCESS PIPE & VALVES
	40.10.200	1" CPVC CHEMICAL HFSA (HYDROFLUOSILICIC ACID)
	40.10.201	2" CPVC CHEMICAL NAOCl (SODIUM HYPOCHLORITE)
	40.10.202	1" CS SCH 40 WELD CHEMICAL NAOH (SODIUM HYDROXIDE)
	40.10.300	SAMPLE PIPING AT SEAL WEIR & SAMPLING MANHOLE
	40.10.400	FW 60" / 42" CARBON STEEL & DYNAMIC MOVEMENT JOINTS
	40.10.500	BWR 16" CARBON STEEL & DYNAMIC MOVEMENT JOINT
	40.10.501	30" VENT
		PROCESS EQUIPMENT
	46.10.200	SEAL WATER SAMPLE SUMP PUMPS
	46.10.205	SEAL WATER SLIDE GATES
	46.10.210	CHLORINE INJECTION ASSEMBLIES
	46.10.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK
30		EXISTING RAW WATER PUMP STATION 1
		PAINT & COATINGS
	09.30.700	PAINTING SUBCONTRACT
		PROCESS PIPE & VALVES
	40.30.430	ABANDON EXISTING NAOCl
	40.30.440	1-1/2" CPVC CHEMICAL NAOCl (SODIUM HYPOCHLORITE)
	40.30.450	3" CPVC CHEMICAL ClO ₂ (CHLORINE DIOXIDE)
		PROCESS EQUIPMENT
	46.30.210	CHLORINE INJECTION ASSEMBLIES
35		EXISTING RAW WATER PUMP STATION 2



FACILITY	AREA	DESCRIPTION
		PAINT & COATINGS
	09.35.700	PAINTING SUBCONTRACT
		PROCESS PIPE & VALVES
	40.35.430	ABANDON EXISTING NAOCl
	40.35.440	1-1/2" CPVC CHEMICAL NAOCl (SODIUM HYPOCHLORITE)
	40.35.450	3" CPVC CHEMICAL ClO ₂ (CHLORINE DIOXIDE)
		PROCESS EQUIPMENT
	46.35.210	CHLORINE INJECTION ASSEMBLIES
42		GAC PUMP STATION
		CONCRETE
	19020	SELF-PERFORM STAFF
	03.042.000	PUMP STATION SOG
	03.042.004	PS - LAUNDERER DECK
	03.042.005	PUMP STATION PERIMETER WALLS
	03.042.006	PS - COLUMNS
	03.042.007	PS - PUMP BAFFLE WALL
	03.042.008	PS - BEAMS IN DECK
	03.042.009	PS - DECK LAUNDER WALL
	03.042.010	PS - SUPPORTED PUMP DECK
	03.042.011	FEED PUMP CANS EQUIP PADS TOP DECK
	03.042.012	PS - 2 STAIR LANDINGS & GRADE BEAM FND
	03.042.013	BLIND FLANGE MATERIAL/LEAK TEST PUMP STATION
	03.042.099	REBAR - GAC PUMP STATION
	03.42.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK
		MISC METALS
	05.42.700	MISC METALS SUBCONTRACT
		PAINT & COATINGS
	09.42.700	PAINTING SUBCONTRACT
		PROCESS PIPE & VALVES
	40.42.400	FW 24"/36" CARBON STEEL AND VALVES
	40.42.410	BWS 24"/36" CARBON STEEL AND VALVES
	40.42.420	OF 42" CARBON STEEL AND FLAP GATE
	40.42.430	FW 42"/30" CARBON STEEL AND VALVES IN WET WELL
	40.42.440	BWS/FW 36" PIPING BETWEEN STRUCTURES
	40.42.445	DRAIN 2" / 4" CPVC AIR RELEASE VENT DRAIN PIPING
		PROCESS EQUIPMENT
	19020	SELF-PERFORM STAFF
	46.42.500	GAC PS FLAP GATE
	46.42.505	GAC FEED PUMPS
	46.42.510	GAC BACKWASH PUMPS
	46.42.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK
43		POST FILTER GAC CONTACTORS



FACILITY	AREA	DESCRIPTION
		CONCRETE
	19020	SELF-PERFORM STAFF
	03.043.015	CONTACTOR & CHANNEL SOG - N/S
	03.043.020	GAG PIPE GALLERY SOG
	03.043.023	CONTACTOR LAUNDER DIVIDER WALLS
	03.043.030	NORTH/SOUTH PIPE GALLERY WALLS - 2'WIDE
	03.043.040	NORTH/SOUTH BAFFLE WALL
	03.043.045	NORTH/SOUTH/EAST CHANNEL INNER WALL
	03.043.050	NORTH/SOUTH EXTERIOR WALLS
	03.043.051	WEST END WALLS
	03.043.052	WEST DOCK WALL
	03.043.053	EAST EXTERIOR WALL
	03.043.054	NORTHEAST CORNER WEIR WALL
	03.043.055	CHANNEL DECKS NORTH/SOUTH/EAST
	03.043.057	ELEV. DECKS OVER CHANNELS
	03.043.060	GALLERY ELEVATED BEAMS & DECK
	03.043.061	ELEVATED DECK ROOF CURBING
	03.043.064	DOOR STOOP, STAIR FTR & LANDING, 2 EQUIP PADS
	03.043.066	GAC OVERHEAD DOOR APPROACH SOG
	03.043.067	GAC WEST PONY WALL AT ROLL-UP DOOR AREA
	03.043.068	ROLL-UP DOOR SUPPORTED DECK AT DOCK ENTRY
	03.043.075	BLIND FLANGE MATERIAL/LEAK TEST GAC
	03.043.080	GAC WEIR - SOG
	03.043.082	GAC WEIR - WALLS & WEIR WALL
	03.043.084	GAC WEIR - ELEV. DECK
	03.043.085	BLIND FLANGE MATERIAL/LEAK TEST WEIR STRUCTURE
	03.043.099	REBAR - POST FILTER GAC FACILITY
	03.43.399	SAFETY & ACCESS CONTROLS (SCAFFOLDING, STAIRS, HANDRAIL, LADDERS)
	03.43.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK
		MISC METALS
	05.43.700	MISC METALS SUBCONTRACT
		FRP MATERIALS
	06.43.705	FRP LADDER 25' W/ SAFETY CLIMB SYSTEM
	06.43.710	FRP WEIR PLATES
		DOORS & WINDOWS
	08.43.700	SINGLE HM DOOR
	08.43.705	OH COILING DOOR
		PAINT & COATINGS
	09.43.700	PAINTING SUBCONTRACT
	09.43.702	CRYSTALLINE WATERPROOFING
	09.43.705	GAC CHANNEL COATINGS
		PLUMBING & HVAC



FACILITY	AREA	DESCRIPTION
	22.43.800	GAC PLUMBING
	22.43.801	DRAIN PIPE ENCASEMENT
	23.43.800	LOUVERS AND VENTS
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	26.43.800	POST FILTER GAC CONTACTORS EI&C
		EARTHWORK
	19020A	GMP 3-DEDUCT TO SALARY STAFF TO GO TO SUB
	31.43.300A	GMP 3-DEDUCT TO SELF-PERFORM WORK TO GO TO SUB
	31.43.300B	GMP 2 CHANGE ORDER-ADDER FOR SHORING SUB TO GO FROM TIE BACK TO BEAM & LAG
	31.43.300C	GMP 2 CHANGE ORDER-ADDER TO TRUCK MATERIAL OFF SITE
	31.43.301A	GMP 2 CHANGE ORDER-DEDUCT TO GO TO SUB
	31.43.305	BACKFILL FOR GAC
		PROCESS PIPE & VALVES
	40.43.400	FW 24" WALL PIPE & VALVES
	40.43.410	BWS 24"/36" CARBON STEEL AND VALVES
	40.43.420	BWW 36" WALL PIPE & VALVES
	40.43.430	CTW 16" FAB SPOOL
	40.43.440	GE 14"/36" CARBON STEEL AND VALVES
	40.43.560	FILTER BED SAMPLE PIPING & SAMPLE PUMP STATION
	40.43.580	4" GS GAC SLURRY 316 SS
	40.43.590	36" BWW ENCASED PIPE AT GAC
	40.43.595	48" GE ENCASED PIPE AT EFF WEIR STRUCTURE
	40.43.596	SUMP PUMP DISCHARGE 1-1/2" CPVC
	40.43.597	2" CPVC CHEMICAL NAOCl (SODIUM HYPOCHLORITE) AT EFF WEIR
	40.43.598	1" CS SCH 40 WELD CHEMICAL NAOH (SODIUM HYDROXIDE) AT EFF WEIR
	40.43.599	FW 42" CARBON STEEL FROM GAC TO EFF WEIR DYNAMIC MOVEMENT JOINT
	40.43.600	20" WEIR VENT
		MONORAIL
	41.43.700	CRANE
		PROCESS EQUIPMENT
	19020	SELF-PERFORM STAFF
	46.43.500	CONTACTOR UNDERDRAIN SYSTEM
	46.43.515	GAC EFFLUENT WATER SAMPLE PUMP
	46.43.520	GAC MEDIA
	46.43.525	DAVIT CRANE
	46.43.530	ALUM. COVERS
	46.43.535	GAC DRAIN SUBMERSIBLE SUMP PUMPS
	46.43.540	GAC SLIDE GATES
	46.43.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK
43E		POST FILTER GAC ELECTRICAL BLDG
		CONCRETE
	03.43E.000	GAC ELECTRICAL SOG



FACILITY	AREA	DESCRIPTION
	03.43E.011	GAC ELECTRICAL HVAC EXTERIOR SOGS
	03.43E.012	GAC ELECTRICAL EQUIP PADS - INT.
	03.43E.099	REBAR - GAC ELECTRICAL BLDG
	03.43E.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK
		MASONRY
	04.43E.700	MASONRY SUBCONTRACT
		MISC METALS
	05.43E.700	MISC METALS SUBCONTRACT
	05.43E.710	METAL FLASHING 10" H DRIP EDGE UNDER MASONRY
		ROOFING
	07.43E.700	EXTERIOR EIFS SYSTEM
	07.43E.705	ROOFING DOWNSPOUTS, GUTTERS. ETC
	07.43E.710	ROOFING COMPONENTS
		DOORS & WINDOWS
	08.43E.700	SINGLE HM DOOR
	08.43E.705	DOUBLE HM DOOR
		PAINT & COATINGS
	09.43E.700	PAINTING SUBCONTRACT
		FIRE SUPPRESSION
	21.43E.800	FIRE SUPPRESSION SYSTEM
		PLUMBING & HVAC
	22.43E.800	POST FILTER GAC ELEC BLDG PLUMBING
	23.43E.800	POST FILTER GAC ELEC BLDG HVAC
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	26.43E.800	POST FILTER GAC ELECTRICAL BUILDING
		EARTHWORK
	31.43E.305	BACKFILL FOR GAC ELEC
45		FILTERED WATER RESERVOIRS
		CONCRETE
	03.045.000	2 PIPE SUPPORTS IN TANK
	03.45.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK
		PAINT & COATINGS
	09.45.700	PAINTING SUBCONTRACT
		EARTHWORK
	19020	SELF-PERFORM STAFF
	33.43.360	EXCAVATE & BACKFILL SHORING PIT AT FILTERED WATER RESERVOIR NO. 1
	33.43.361	EXCAVATE & BACKFILL SHORING PIT AT FILTERED WATER RESERVOIR NO. 2
		PROCESS PIPE & VALVES
	40.45.405	1" SAM CPVC SAMPLE PIPE FROM MANHOLE TO SAMPLE PUMPS
	40.45.410	36" FW CARBON STEEL INSIDE RESERVOIR NO 2
	40.45.420	30" FW CARBON STEEL INSIDE RESERVOIR NO 1
	40.45.460	60" / 36" CARBON STEEL ABANDON IN PLACE



FACILITY	AREA	DESCRIPTION
		PROCESS EQUIPMENT
	19020	SELF-PERFORM STAFF
	46.45.205	FILTERED WATER SAMPLE PUMPS
	46.45.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK
50		FINISHED WATER PUMP STATION
		PAINT & COATINGS
	09.50.700	PAINTING SUBCONTRACT
		PROCESS PIPE & VALVES
	40.50.400	BWR 16" CARBON STEEL
65		EQUALIZATION BASINS
		CONCRETE
	03.065.000	2 PUMP SLABS OUTSIDE EQ. BASINS
	03.065.099	REBAR - PUMP SOGS
	03.065.999	DEMO & REPLACE GROUT ON BOTTOM OF TANK
		MISC METALS
	05.65.700	MISC METALS SUBCONTRACT
		PAINT & COATINGS
	09.65.700	PAINTING SUBCONTRACT
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	65.26.800	EQ BASIN EI&C
	65.26.801	GMP 2 CHANGE ORDER-VFD CHANGE TO STAND ALONE ON EQ PUMPS
		PROCESS PIPE & VALVES
	40.65.400	PRW 8" DIP BASIN 1
	40.65.420	PRW 8" DIP BURIED VAULT TO BASIN 1
	40.65.425	PRW 8" DIP VALVES ABOVE GROUND BASIN 1
	40.65.440	PRW 8" DIP BASIN 2
	40.65.450	PRW 12" / 8" DIP BURIED BASIN 2
	40.65.455	PRW 8" VALVES ABOVE GROUND BASIN 2
		PROCESS EQUIPMENT
	19020	SELF-PERFORM STAFF
	40.65.500	DEMOLITION OF EXISTING EQ BASIN 1 EQUIPMENT
	40.65.505	DEMOLITION OF EXISTING EQ BASIN 2 EQUIPMENT
	46.65.515	EQB-1 BASIN PUMP
	46.65.525	EQB-2 BASIN PUMP
	46.65.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK
75		DEWATERING FACILITY
		SPECIAL CONSTRUCTION
	13.75.500	GENERAL CONTRACTOR-DEWATERING FACILITY
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	26.75.800	DEWATERING BUILDING EI&C
86		CHLORINE DIOXIDE
		SPECIAL CONSTRUCTION

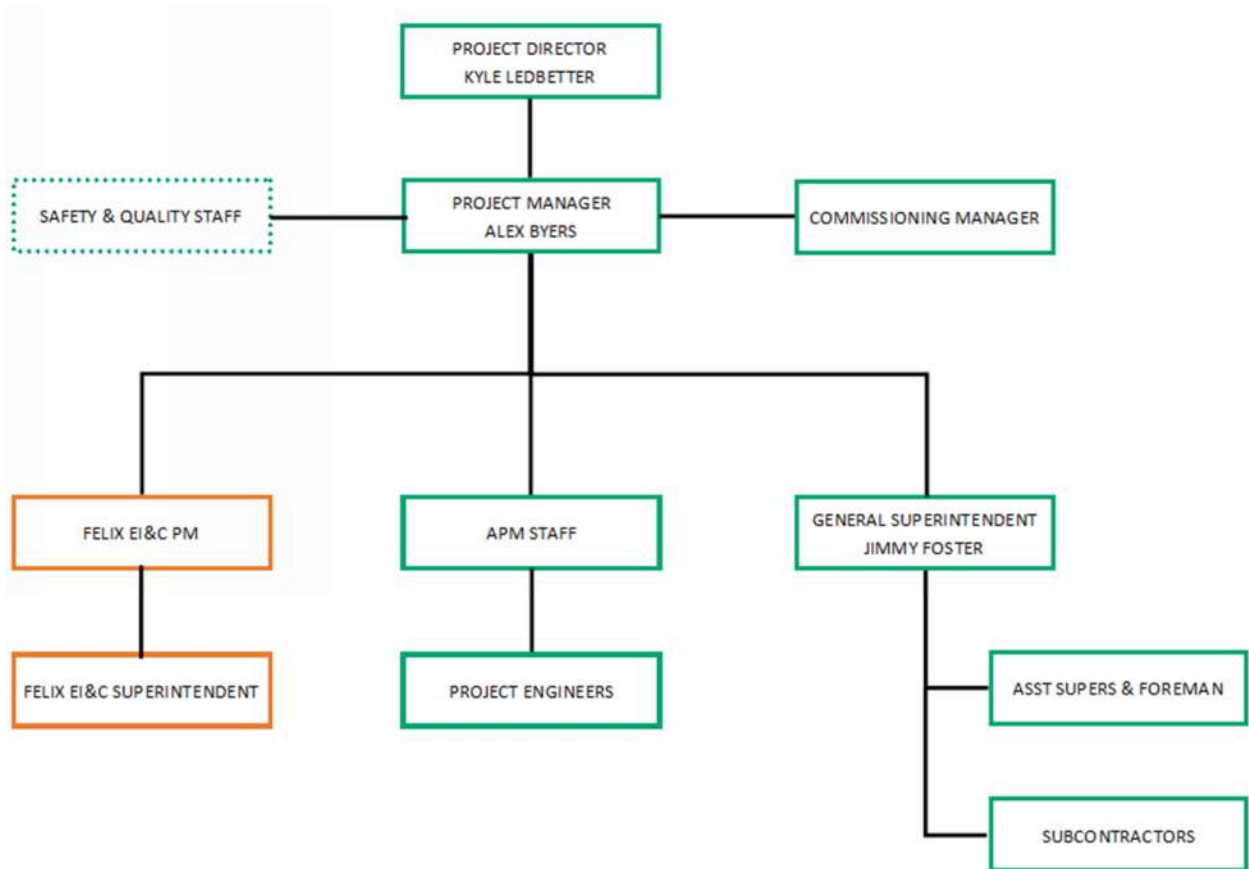



FACILITY	AREA	DESCRIPTION
	13.86.500	GENERAL CONTRACTOR-CHLORINE DIOXIDE BLDG
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	26.86.800	ELECTRICAL SUBCONTRACT
		EARTHWORK
	19020	SELF-PERFORM STAFF
	31.86.300	EXCAVATION FOR CHEMICAL BLDG
	31.86.305	BACKFILL FOR CHEMICAL BLDG
87		POST TREATMENT CHEMICAL FACILITY
		PAINT & COATINGS
	09.87.700	PAINTING SUBCONTRACT
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	87.26.800	POST TREATMENT EI&C
		PROCESS PIPE & VALVES
	40.87.410	SH PUMP TIE IN 2" / 1" CPVC
	40.87.415	SH STORAGE TANK TIE IN 2" / 1" CPVC
	40.87.420	SODIUM HYDROXIDE PUMP TIE IN 1" WELDED CS
	40.87.425	SODIUM HYDROXIDE STORAGE TANK AREA 3/4" WELDED CS
		PROCESS EQUIPMENT
	46.87.205	SODIUM HYPOCHLORITE METERING PUMP
	46.87.210	SODIUM HYDROXIDE METERING PUMP
	46.87.520	CHLORINE INJECTION ASSEMBLIES
90		DISINFECTION BUILDING
		PAINT & COATINGS
	09.90.700	PAINTING SUBCONTRACT
		PROCESS PIPE & VALVES
	40.90.400	3" SOFT WATER TIE IN CPVC
95		ADMIN BUILDING
		PAINT & COATINGS
	09.95.700	PAINTING SUBCONTRACT
		PROCESS PIPE & VALVES
	40.95.500	SAMPLE PIPING AT ADMIN BUILDING
99		CONSTRUCTION MANAGER GENERAL CONDITIONS
		ELECTRICAL, INSTRUMENTATION, & CONTROLS
	19999	TEMPORARY ELECTRICAL
		CONSTRUCTION MANAGER GENERAL CONDITIONS
	19010A	GMP 3-ADDITION CM STAFF
		CONSTRUCTION MANAGER GENERAL REQUIREMENTS
	19050	GENERAL REQUIREMENTS
	19030A	GMP 3-ADDITION TO SITE WIDE EQUIPMENT




3. ORGANIZATIONAL CHART

The following individuals and their reporting system will be used during the construction phase of the project:



 Felix Construction Employee – Assigned

 AWC Employee – Assigned

 AWC Employee – General Oversight (Overhead)

4. ROLES & RESPONSIBILITIES

Several supervision staff are included in the project. Descriptions of their roles and responsibilities are provided below.



1.6 Project Director

1.6.1 Purpose:

Responsible for the overall direction, completion, financial outcome, technical success and quality of a very large, complex construction project or multiple projects simultaneously. The Project Director also establishes and manages strategic client relationships. Identifies opportunities to expand company relationships and business opportunities.

1.6.2 Major Responsibilities:

- Plans, organizes, coordinates and controls projects in accordance with established policies, procedures, systems and requirements approved by the Company. Creates and manages processes for tracking projects and associated deliverables, collects and analyzes data, and works closely with field personnel, designers, engineers, vendors and subcontractors to manage various programmatic and project processes.
- Leads interdisciplinary teams, such as preconstruction, to deliver projects that reside within a major business group or function. Determines staffing needs, personnel development, performance management and training for the project team. Provides leadership, guidance and direction to the project team members. Ensures projects are completed, tracked and reported on in accordance with all compliance regulations and goals. Completes and/or approves Performance Reviews for subordinates.
- Maintains exceptional relationships with owners, subcontractors, design partners and unions. Responsible for day-to-day contact as well as contact of a multifaceted nature.
- Assists with bid package development, pre-qualification activities and budget preparation. May draft budget/estimate documents and provide oversight for the estimating process.
- Leads efforts to analyze risk and define schedule-related issues, including analysis of long lead materials or equipment which may impact project cost or scheduled delivery.
- Analyzes and presents project delivery approaches, develops alternative approaches and facilitates implementation, ensuring compliance with corporate, federal and state regulations.
- Serves as the primary contact for senior department managers relative to critical business issues. Helps allocate regional assets and resources to projects within business group. Maintains vehicle/equipment database in online management tool in conjunction with EOG/Project Engineer. Assists with obtaining vehicle registrations and vehicle repairs. Tracks and monitors vehicle assignments to ensure vehicle availability and mitigate risk.
- Participates in the design and execution of project safety planning activities to ensure that projects are completed within established safety goals.



1.7 Project Manager

1.7.1 Purpose:

Responsible for the overall direction, completion, financial outcome, technical success and quality of a construction project or a portion of a large complex project. The Project Manager also establishes and maintains positive relationships with owners, subcontractors, design partners and unions. The Project Manager will provide training and guidance to this level and will have responsibility for process improvement.

1.7.2 Major Responsibilities:

- Plans, organizes, coordinates and controls project(s) in accordance with established policies, procedures, systems and requirements approved by the Company. Reviews and approves preliminary project and equipment schedules, financial projections, cost-to-complete and project status reports for the duration of the project.
- Directs and supervises work of project administration staff and engineers, as well as works in partnership with project superintendents to establish operational priorities. Establishes the site organizational plan and responsibility matrix. Ensures that construction site rules and procedures are implemented and that best practices and customer focus is achieved in an efficient and effective manner. Provides leadership, guidance, direction and positive attitude to the project team members.
- Maintains exceptional relationships with owners, subcontractors, design partners and unions. Responsible for day-to-day contact and communications with customers, as well as subcontractor partners. Ensures creation and maintenance of subcontractor partner contracts
- Responsible for forecasting, tracking/reporting project costs/revenue and adherence to project estimates. Provides leadership for multiple aspects of controls including costs/revenue, planning, scheduling and architecture/engineering.
- Develops strategy for staffing, personnel development, performance management and training. Ensures delivery of project training programs and compliance to all corporate, federal and state regulations. Coordinates with company EEO Compliance Officer to ensure that projects are completed, tracked and reported on in accordance with mandated policies and project EEO goals. Conducts or approves Performance Reviews of subordinate staff.
- Responsible for problem resolution involving labor disputes, staffing, materials, equipment and contracts/subcontracts administration.
- Provides feedback to BGL, PGM and/or ROM on a regular basis. Notifies management of significant project events such as project successes, issues, injuries, client relations, potential losses/claims, etc.
- Coordinates with Safety & Quality Manager to ensure that projects are completed in accordance with established department goals.



1.8 Assistant Project Manager

1.8.1 Purpose:

Responsible for assisting the Project Manager with the overall direction, completion and financial outcome of a construction project.

1.8.2 Major Responsibilities:

- Prepare, review and negotiate project contracts, subcontractor agreements, subcontractor services agreements, purchase orders, quality acceptance agreements, etc.
- Responsible for procurement of materials. From contract execution, through submittal phase, release for fabrication, and tracking of deliveries to ensure schedule of the project is maintained.
- Review owner contracts. Draft and articulate argument/positions on owner contracts. Negotiate owner change orders and claims for extra work. Develop change management and allowance/contingency controls. Review and prepare time and material allowance/contingency usage for execution. Aid in preparation of revenue forecasts.
- Records equipment and material deliveries to ensure accuracy and to ensure that project remains on schedule.
- Coordinate the purchase/renewal of insurance policies on the project. Pursue or aid in pursuing insurance claims on the projects.
- Establish and administer document control procedures.
- Work with Operations team on a daily basis on risk management, and contractual and commercial issues.
- Plans, organizes, coordinates and controls project(s) in accordance with established policies, procedures, systems and requirements approved by the Company.
- Supervises work of project administration, superintendents, and engineers to ensure that work is accomplished in an efficient, effective, profitable and safe manner and meets all quality standards.
- Reviews cost-coding of timesheets and invoices, reviews daily production reports and supervises forecasted final cost/revenue reporting to ensure that profitability goals are met.
- Reviews submittal of change orders and analyzes impact on project schedules. Participates in work planning of self-performed activities.
- Gathers and records subcontractor log and weather conditions and makes recommendations accordingly. May coordinate and schedule subcontractors.
- May coordinate with owners and engineers for project scheduling and issue resolution.
- Assists with the development and review of detailed MOPO plans.
- Manages allowance and contingency tracking and gathering supporting documentation.
- Attend weekly owner progress meetings and support the Project Manager as required.



1.10 Project Superintendent

1.10.1 Purpose:

In conjunction with Project Management, responsible for the direct supervision of field forces, and the efficient scheduling of the physical completion of all project work.

1.10.2 Major Responsibilities:

- The superintendent will be the day-to-day contact on the project for any site activities taking place under the contract.
- Coordinates subcontracts, drawings, and specifications to ensure conformity. Examines drawings and specifications for various work tasks and ensures current information is passed down to front line supervision and trades personnel. Carries out inspections as needed.
- Responsible for daily planning, creation and maintenance of project schedules, including subcontractor specialty schedules and short interval schedules. Involved in creating work plans for each specific work activity.
- Supervises and organizes workers; ensures workers are available and fully qualified to perform assigned duties. Reports on labor and materials. Schedules crews according to available work packages for the project and all required equipment and materials necessary to complete tasks. Monitors timely delivery of necessary materials to assure continued productivity.
- Responsible for controlling costs, adhering to budgets and managing equipment-related expenses. Ensures staff is aware of production rates for assigned items of work.
- Conducts regular safety meetings; maintains a safe work environment with the goal of keeping accidents and injuries to a minimum and complying with company and regulatory safety procedures. Complies with EPA requirements for hazardous materials.
- Coordinates subcontractors through a regular and disciplined series of meetings, questioning and verifying their plans and efforts, changing or augmenting as needed.
- Assists project management team ensuring compliance with the legal and regulatory requirements of the city, state and federal government applicable to the project. Alerts management to any potential concerns.
- Participates in the development and implementation of appropriate portions of the jobsite quality, safety and production plans; ensures maintenance of all records in accordance with project standards.
- Coordinates with internal staff to build professional and productive relationships with owners, architects, engineers and subcontractors.

EXHIBIT B

FEE SCHEDULE

EXHIBIT D

CM@RISK GMP SUMMARY

**EXHIBIT D
CMAR GMP SUMMARY**

Project Name: Pecos Surface Water Treatment Plant Improvements		Date: 5/8/2026
Project Location: 1475 E Pecos Rd		
City of Chandler Project No WA2100.251		
GMP 3		
A. Cost of Work		
A.1 Cost of Work (self-perform, no mark-ups)		\$61,738,317.85
A.2. Cost of Work - Subcontracts		\$38,792,629.73
	TOTAL COST OF WORK:	\$100,530,947.58
B. General Conditions		
		\$6,981,384.71
	SUBTOTAL 1 (Cost of Work) (A+B)	\$107,512,332.29
C. CMAR's Fee (8.0%)		
		\$8,600,986.58
	SUBTOTAL 2 (A+B+C):	\$116,113,318.87
D. Bonds and Insurance		
D.1. Bonds (Payment and Performance)		\$823,642.47
D.2. Insurance		\$1,764,225.09
	TOTAL BONDS & INSURANCE:	\$2,587,867.56
	SUBTOTAL 3 (SUBTOTAL 2 + BONDS & INS):	\$118,701,186.44
E. Sales Tax		
E.1. Sales Tax (5.07%)		\$6,018,150.15
E.2. Tax Credits		-\$1,476,938.65
	TOTAL SALES TAX:	\$4,541,211.50
	TOTAL BASELINE ESTIMATE WITHOUT ALLOWANCES/CONTINGENCIES:	\$123,242,397.94
F. Approved Allowances		
	TOTAL ALLOWANCES:	\$0.00
G. Contingencies		
G. 1. Construction Contingency		\$3,000,000.00
G. 2. Owner Contingency		\$1,000,000.00
G. 3. Escalation Contingency		\$600,000.00
	TOTAL CONTINGENCIES:	\$4,600,000.00
	TOTAL GMP 3 PROPOSAL:	\$127,842,397.94
Establishment of Values:		
a. Cost of Work (A) and Allowances (F) to be submitted with GMP Proposal.		
b. General Conditions Cost (B) to be established in Baseline Cost Model.		
c. CMAR Fee as set forth in Section 3.7.3. of this Agreement.		



EXHIBIT D: ALLOWANCE DESCRIPTIONS

There is no work planned as an allowance in this GMP.

EXHIBIT D: CONTINGENCY DESCRIPTIONS

G.1. Design Evolution Contingency

Design Evolution Contingency is intended to cover anticipated design evolution between the current design and 100% design including but not limited to:

- Incorporate 90% review comments;
- Added complexity to current design;
- Minor scope changes;
- Modifications to current design; and
- Additional detailing.

G.2. Owner Contingency

Owner contingency is to be determined by the City and will be used as directed by General Conditions 15.4.2.

G.3. Construction Contingency

Construction Contingency is intended to cover minor modifications and unforeseen issues with the final design that arise during construction and are described in paragraph 15.4.1 of the City of Chandler General Conditions which included unexpected costs due to:

- scope gaps between trade subcontractors;
- agreement default by trade subcontractors;
- unforeseen field conditions, but only as defined in Section 9.5 (Differing Site Conditions);
- work completed to meet the intent of the design, but which was not indicated on the plans;
- costs overruns not covered by allowances;
- costs of corrective work not provided for elsewhere; and
- implementation of any Recovery Plan.

Per the City request, the Construction Contingency will also cover cost increases due to tariffs. As such, a dedicated line item in the Risk Register is included for tariff cost impacts.

Construction Contingency specifically excludes, but may not be limited to:

- Design Evolution Contingency
- Owners' contingency (as defined by 15.4.2 of the General Conditions)
- Significant changes in scope.
- Exclusions included herein.



- Major unexpected work stoppages (strikes, etc.)
- Disasters (hurricanes, tornados, etc.)
- Excessive, unexpected inflation or currency fluctuations.
- Changes in law and regulation that increase costs are implemented after GMP (excluding tariffs).

GENERAL NOTES

The GMP Worksheet includes bonds, insurance, and taxes for the full value of the project. Any allowance and contingency usage will only have fee added beyond the cost of work shown.

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
01		SITE WORK	1	LS	69,655	\$ 6,691,205.69	\$ 8,469,673.66	\$ 4,812,971.33	\$ 2,282,583.51	\$ 22,256,434.19
		DEMO	1	LS	550	\$ 45,187.57	\$ 3,530.48	\$ 50,998.14	\$ 36,135.01	\$ 135,851.20
	02.01.100A	GMP 2 CHANGE ORDER- DEDUCT TO GO TO SUB	1	LS	(129)	\$ (7,852.64)		\$ 11,645.72	\$ (6,128.00)	\$ (2,334.92)
	02.01.100B	DEMO 8' CMU WALL & HEADWALL	370	LF				\$ 24,327.99		\$ 24,327.99
	02.01.111	DEMO 4' CONCRETE RETAINING WALL	5	LF	6	\$ 469.02	\$ 28.15	\$ 310.00	\$ 570.66	\$ 1,377.83
	02.01.113A	ADDITIONAL DEMO OF CONCRETE SLAB	101	SF	2	\$ 189.48	\$ 50.72	\$ 3,178.00	\$ 115.37	\$ 3,533.57
	02.01.114A	DEMO EX. ASPHALT PAVEMENT (ASSUMED 3" THICK)	21,004	SF	252	\$ 19,702.55	\$ 1,848.60	\$ 8,584.08	\$ 11,961.41	\$ 42,096.64
	02.01.115A	REMOVE EX. CURB & GUTTER	862	LF	103	\$ 8,085.89	\$ 546.51		\$ 1,206.80	\$ 9,839.20
	02.01.116	REMOVE & SALVAGE DG (ASSUMED 3" THICK)	231	SF	26	\$ 2,007.40			\$ 2,444.33	\$ 4,451.73
	02.01.117	REMOVE EX. CONCRETE SIDEWALK (ASSUMED 4" THICK)	80	SF	6	\$ 469.02	\$ 13.82	\$ 116.00	\$ 570.66	\$ 1,169.50
	02.01.124	RELOCATE STORAGE CONTAINERS	5	EA	36	\$ 2,814.11			\$ 1,825.50	\$ 4,639.61
	02.01.131	REMOVE EX. PLANT DRAIN PIPE-04" PVC	99	LF	24	\$ 1,857.32	\$ 0.48		\$ 2,263.62	\$ 4,121.42
	02.01.132	CAP EX. DEWATERING FILTRATE-08"	3	EA	36	\$ 2,814.11	\$ 637.35		\$ 3,423.96	\$ 6,875.42
	02.01.134	CAP EX. FILTERED WATER LINE-08"	2	EA	32	\$ 2,443.39	\$ 383.92		\$ 3,043.52	\$ 5,870.83
	02.01.135	REMOVE & SALVAGE RIP RAP (ASSUMED 1.5' THICK)	2,604	SF	58	\$ 4,523.53		\$ 2,170.05	\$ 5,506.88	\$ 12,200.46
	02.01.121	REMOVE & SALVAGE RIVER ROCK (ASSUMED 1' THICK)	1,200	SF	18	\$ 1,388.92		\$ 666.30	\$ 1,692.96	\$ 3,748.18
	02.01.130	REMOVE EX. STORM DRAIN-06" HDPE	322	LF	77	\$ 6,040.96	\$ 4.32		\$ 7,352.01	\$ 13,397.29
	02.01.137	REMOVE EX. LIGHT, POLE, & BASE (ASSUMED 3' DIA X 5' DEEP)	1	EA	3	\$ 234.51	\$ 16.61		\$ 285.33	\$ 536.45
		CONCRETE	1	LS	311	\$ 22,902.94	\$ 21,448.04	\$ 202,840.90	\$ -	\$ 247,191.88
	03.01.300	CMU FTG 1260LF (C-12, 13, 16, 18, 19)	195	CY	250	\$ 18,321.12	\$ 8,544.06	\$ 137,640.00		\$ 164,505.18
	03.01.305	LIGHTPOLES	12	EA				\$ 22,084.26		\$ 22,084.26
	03.001.025	HEADWALL ON C-13/C-16	7	CY	28	\$ 2,116.68	\$ 6,451.99	\$ 12,456.84		\$ 21,025.51
	03.01.330	HEADWALL REPLACEMENT ON C-30	16	CY	33	\$ 2,465.14	\$ 6,451.99	\$ 30,659.80		\$ 39,576.93
		MASONRY	1	LS	-	\$ -	\$ -	\$ 278,067.22	\$ -	\$ 278,067.22
	01.04.805	MASONRY SUBCONTRACT	9,983	SF				\$ 243,316.04		\$ 243,316.04
	32.11.114A	TEMP FENCING	430	LF				\$ 34,751.18		\$ 34,751.18
		MISC METALS	1	LS	-	\$ -	\$ 10,000.00	\$ 24,682.73	\$ -	\$ 34,682.73
	01.50.800A	INSTALL BOLLARDS PLUS CONCRETE	40	EA			\$ 10,000.00			\$ 10,000.00
	01.500.800	MISC METALS SUBCONTRACT	40	EA				\$ 24,682.73		\$ 24,682.73
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 84,020.60	\$ -	\$ 84,020.60
	09.01.800	PAINTING SUBCONTRACT - BOLLARDS & MASONRY WALL	1	LS				\$ 84,020.60		\$ 84,020.60
		SPECIAL CONSTRUCTION	1	LS	23	\$ 1,609.22	\$ 9,200.00	\$ -	\$ -	\$ 10,809.22
	13.01.700	SIGNS	46	EA	23	\$ 1,609.22	\$ 9,200.00			\$ 10,809.22
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	1,455	\$ 106,359.23	\$ 17,268.42	\$ 2,500,367.93	\$ 103,249.18	\$ 2,727,244.76
	01.26.800	SITE ELECTRICAL WORK	1	LS				\$ 2,500,367.93		\$ 2,500,367.93
	01.26.805	SITE ELECTRICAL DUCTBANK	3,595	LF	1,455	\$ 106,359.23	\$ 17,268.42		\$ 103,249.18	\$ 226,876.83
		EROSION CONTROL	1	LS	886	\$ 68,479.87	\$ 17,313.49	\$ 46,800.00	\$ 189,832.32	\$ 322,425.68
	31.01.100A	INSTALL SILT FENCE	7,035	LF	182	\$ 13,858.88	\$ 14,542.50		\$ 30,598.21	\$ 58,999.59
	31.01.101A	MONTHLY MAINTENANCE OF SILT FENCE	26	MO	390	\$ 30,240.37	\$ 1,530.00		\$ 97,212.03	\$ 128,982.40

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	31.01.102	REMOVE SILT FENCE	7,035	LF	211	\$ 16,332.03	\$ 10.99		\$ 33,451.21	\$ 49,794.23
	31.01.104A	MONTHLY MAINTENANCE OF INLET PROTECTION	26	MO	34	\$ 2,620.83	\$ 529.20		\$ 7,512.00	\$ 10,662.03
	31.01.105	REMOVE INLET PROTECTION	10	EA	25	\$ 1,938.49	\$ 4.80		\$ 2,322.00	\$ 4,265.29
	31.01.107	REMOVE CONSTRUCTION EXITS	2	EA	45	\$ 3,489.27	\$ 696.00		\$ 18,736.87	\$ 22,922.14
	31.01.108A	STREET SWEEPING	26	MO				\$ 46,800.00		\$ 46,800.00
		EARTHWORK	1	LS	3,560	\$ 395,504.68	\$ 47,102.42	\$ -	\$ 151,910.57	\$ 594,517.67
	19020B	GMP 3-ADDITIONAL STAFF	1	LS	1,447	\$ 216,227.87	\$ (18,584.36)			\$ 197,643.51
	31.01.300	RETENTION BASIN EXCAVATION	2,536	CY	1,304	\$ 110,622.66	\$ 51,814.78		\$ 59,720.80	\$ 222,158.24
	31.10.100A	ROADWAY/SITE EXCAVATION	2,890	CY	809	\$ 68,654.15	\$ 13,872.00		\$ 92,189.77	\$ 174,715.92
		PAVING, CURB & GUTTER	1	LS	5,100	\$ 444,082.76	\$ 313,279.39	\$ 653,020.91	\$ 103,205.03	\$ 1,513,588.09
	32.01.100	8' TALL CMU WALL PREP (SEE DETAIL ON S75-12)	1,070	LF	706	\$ 54,852.49	\$ 34,327.27		\$ 14,285.50	\$ 103,465.26
	32.01.101	7.5' TALL RETAINING WALL PREP (SEE DETAIL ON S75-11)	5	LF	12	\$ 1,077.93	\$ 156.52		\$ 246.88	\$ 1,481.33
	32.01.102	07" THICK CONCRETE PAVING ON 04" THICK ABC	756	SF	18	\$ 1,607.26	\$ 533.38	\$ 12,604.39	\$ 366.28	\$ 15,111.31
	32.01.103	09" THICK CONCRETE PAVING ON 04" THICK ABC	2,238	SF	54	\$ 4,757.99	\$ 1,645.14	\$ 36,878.67	\$ 1,086.72	\$ 44,368.52
	32.01.106	2'-0" RIBBON CURB PER MAG 220-1, TYPE B	3,238	LF	194	\$ 17,209.97	\$ 12,841.20	\$ 134,643.21	\$ 3,932.05	\$ 168,626.43
	32.01.107	04" THICK CONCRETE SIDEWALK ON 06" THICK ABC	218	SF	6	\$ 531.50	\$ 209.71	\$ 4,829.50	\$ 121.41	\$ 5,692.12
	32.01.108	CONCRETE VALLEY GUTTER PER MAG 240	3,592	SF	86	\$ 7,636.59	\$ 4,726.00	\$ 49,733.35	\$ 1,744.43	\$ 63,840.37
	32.01.109	RAISE & COLLAR EX. CLEANOUT PER DETAIL 6/CD-02	3	EA				\$ 3,000.00		\$ 3,000.00
	32.01.110	RAISE & COLLAR EX. MANHOLE	3	EA				\$ 5,250.00		\$ 5,250.00
	32.01.112	ASPHALT ROADWAY/DRIVEWAY REPLACEMENT-03" THICK	53,554	SF	643	\$ 56,925.78	\$ 58,926.35	\$ 258,481.17	\$ 13,004.33	\$ 387,337.63
	32.01.113	D50=04" RIP RAP, 06" THICK W/ FABRIC	7,472	SF	747	\$ 66,189.47	\$ 14,333.41		\$ 15,121.13	\$ 95,644.01
	32.01.114	PLACE 03" OF DG ONSITE	163,218	SF	1,584	\$ 140,290.14	\$ 152,915.03		\$ 32,049.44	\$ 325,254.61
	32.01.115	D50=06" RIP RAP, 12" THICK W/ FABRIC	6,234	SF	623	\$ 55,222.85	\$ 23,010.51		\$ 12,615.78	\$ 90,849.14
	32.01.116	D50=12" RIP RAP, 24" THICK W/ FABRIC	1,145	SF	229	\$ 20,285.58	\$ 8,286.50		\$ 4,634.28	\$ 33,206.36
	32.01.117	D50=04" RIP RAP, 08" THICK W/ FABRIC	535	SF	54	\$ 4,739.21	\$ 1,347.06		\$ 1,082.67	\$ 7,168.94
	32.01.118	CHAIN LINK SECURITY FENCING-08' TALL	1,445	LF				\$ 137,600.62		\$ 137,600.62
	32.01.119	LIGHT POLE BASE FOUNDATIONS-02' DIAMETER-PER E26-0601	12	EA	144	\$ 12,756.00	\$ 21.31		\$ 2,914.13	\$ 15,691.44
	32.01.125	ASPHALT AT GAC	1	LS				\$ 10,000.00		\$ 10,000.00
		FIBER OPTICS	1	LS	-	\$ -	\$ -	\$ 310,015.00	\$ -	\$ 310,015.00
	33.01.100	DIG AND BACKFILL NEW FIBER OPTIC	1	LS				\$ 60,015.00		\$ 60,015.00
	33.01.101	MOPO #11	1	LS				\$ 250,000.00		\$ 250,000.00
		UTILITIES	1	LS	57,770	\$ 5,607,079.42	\$ 8,030,531.42	\$ 662,157.90	\$ 1,698,251.40	\$ 15,998,020.14
	19020B	GMP 3-ADDITIONAL STAFF	1	LS	14,118	\$ 2,126,398.95	\$ (55,796.00)			\$ 2,070,602.95
	33.01.300	3" SOFTENED WATER-AVG. DEPTH-8.00'	351	LF	476	\$ 36,270.36	\$ 25,333.24	\$ 1,404.00	\$ 18,506.74	\$ 81,514.34
	33.01.301	BEDDING ENCASED DUCTBANK-7 (PARTIAL) & 8	50	LF				\$ 364,054.59		\$ 364,054.59
	33.01.303	BEDDED/ENCASED CHEMICAL DUCT BANK-9-AVG. DEPTH-8.13' (2 CASE/4 CHEM LINES)	501	LF	1,279	\$ 100,533.88	\$ 122,823.64	\$ 26,196.90	\$ 49,762.40	\$ 299,316.82
	33.01.304	BEDDED/ENCASED CHEMICAL DUCT BANK-7-AVG. DEPTH-6.28' (2 CASE/2 CHEM LINES)	256	LF	514	\$ 39,788.15	\$ 36,935.58	\$ 20,589.00	\$ 19,977.32	\$ 117,290.05

CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	33.01.305	BEDDED/ENCASED CHEMICAL DUCT BANK-6-AVG. DEPTH-7.17' (2 CASE/2 CHEM LINES)	82	LF	132	\$ 10,412.36	\$ 6,560.70		\$ 5,119.80	\$ 22,092.86
	33.01.306	BEDDED/ENCASED CHEMICAL DUCT BANK-5-AVG. DEPTH-6.76' (2 CASE/2 CHEM LINES)	11	LF	18	\$ 1,413.57	\$ 1,657.11		\$ 696.39	\$ 3,767.07
	33.01.307	BEDDED/ENCASED CHEMICAL DUCT BANK-4-AVG. DEPTH-6.60' (7 CASE/7 CHEM LINES)	15	LF	39	\$ 3,040.93	\$ 5,161.04		\$ 1,497.81	\$ 9,699.78
	33.01.308	BEDDED/ENCASED CHEMICAL DUCT BANK-3-AVG. DEPTH-4.00' (2 CASE/2 CHEM LINES)	145	LF	387	\$ 29,878.41	\$ 26,088.37	\$ 19,152.30	\$ 15,067.61	\$ 90,186.69
	33.01.309	BEDDED/ENCASED CHEMICAL DUCT BANK-1-AVG. DEPTH-6.37' (8 CASE/8 CHEM LINES)	251	LF	727	\$ 57,006.96	\$ 56,730.91	\$ 7,179.60	\$ 28,279.49	\$ 149,196.96
	33.01.310	BEDDED/ENCASED CHEMICAL DUCT BANK-2-AVG. DEPTH-7.04' (6 CASE/6 CHEM LINES)	296	LF	949	\$ 73,863.28	\$ 65,775.72	\$ 27,681.90	\$ 36,924.01	\$ 204,244.91
	33.01.311	BEDDED/ENCASED CHEMICAL DUCT BANK-2A-AVG. DEPTH-6.87' (4 CASE/4 CHEM LINES)	57	LF	178	\$ 13,781.55	\$ 14,243.91	\$ 7,035.00	\$ 6,921.06	\$ 41,981.52
	33.01.312	BEDDED/ENCASED CHEMICAL DUCT BANK-2B-AVG. DEPTH-5.47' (2 CASE/2 CHEM LINES)	42	LF	104	\$ 8,020.95	\$ 8,752.26	\$ 5,510.10	\$ 4,057.71	\$ 26,341.02
	33.01.312B	BEDDED/ENCASED CHEMICAL DUCT BANK-10-AVG. DEPTH-6.46' (4 CASE/4 CHEM LINES)	183	LF	501	\$ 38,746.07	\$ 41,051.15	\$ 21,938.60	\$ 19,498.80	\$ 121,234.62
	33.01.312C	BEDDED/ENCASED CHEMICAL DUCT BANK-11-AVG. DEPTH-3.64' (4 CASE/4 CHEM LINES)	110	LF	193	\$ 15,227.46	\$ 11,961.08		\$ 7,504.63	\$ 34,693.17
	33.01.312D	BEDDED/ENCASED CHEMICAL DUCT BANK-12-AVG. DEPTH-5.87' (6 CASE/10 CHEM LINES)	224	LF	787	\$ 61,194.99	\$ 97,496.02	\$ 19,895.80	\$ 30,602.07	\$ 209,188.88
	33.01.312E	BEDDED/ENCASED CHEMICAL DUCT BANK-13-AVG. DEPTH-6.43' (5 CASE/9 CHEM LINES)	559	LF	1,491	\$ 117,108.58	\$ 201,097.48	\$ 34,758.00	\$ 57,998.43	\$ 410,962.49
	33.01.313	INSTALL CHEMICAL VAULT-5'X5'-AVG. DEPTH-7.50'	14	EA	630	\$ 49,804.15	\$ 140,607.33		\$ 24,509.67	\$ 214,921.15
	33.01.314	INSTALL CHEMICAL VAULT-4'X4'-AVG. DEPTH-6.03'	1	EA	45	\$ 3,557.44	\$ 6,245.71		\$ 1,750.69	\$ 11,553.84
	33.01.315	INSTALL CHEMICAL VAULT-3'X3'-AVG. DEPTH-7.83'	7	EA	360	\$ 28,459.51	\$ 35,852.10		\$ 14,005.52	\$ 78,317.13
	33.01.315A	INSTALL TRANSITION VAULT-4'X4'-AVG. DEPTH-8.29'	3	EA	158	\$ 12,451.04	\$ 18,780.52		\$ 6,127.42	\$ 37,358.98
	33.01.318	6" PERFORATED HDPE STORM-AVG. DEPTH-2.00'	256	LF	213	\$ 16,864.90	\$ 7,050.99		\$ 8,298.27	\$ 32,214.16
	33.01.319	24" RCP STORM-AVG. DEPTH-4.04'	48	LF	195	\$ 14,876.61	\$ 12,192.93	\$ 3,397.00	\$ 7,601.89	\$ 38,068.43
	33.01.319A	12" HDPE STORM-AVG. DEPTH-2.85'	196	LF	259	\$ 20,242.35	\$ 12,005.61	\$ 1,470.00	\$ 10,087.87	\$ 43,805.83
	33.01.327	REROUTE EX. 4" PVC PUMP DISCHARGE LINE-ASSUMED AVG. DEPTH-3.43'	167	LF	255	\$ 19,445.30	\$ 13,960.91		\$ 9,908.91	\$ 43,315.12
	33.01.328	REROUTE EX. 8" FILTERED WATER LINE-ASSUMED AVG. DEPTH-7.00'	138	LF	356	\$ 27,154.26	\$ 16,601.20	\$ 576.00	\$ 13,834.34	\$ 58,165.80
	33.01.329	6" CL 350 DIP FIRE LINE-AVG. DEPTH-6.42'	584	LF	1,372	\$ 104,482.14	\$ 179,238.62	\$ 4,425.00	\$ 53,368.82	\$ 341,514.58
	33.01.330	2" PEX/6" CL 350 DIP POTABLE WATER-AVG. DEPTH-5.89'	639	LF	1,069	\$ 81,203.23	\$ 89,702.23	\$ 4,853.03	\$ 41,569.17	\$ 217,327.66
	33.01.331	4" PVC SEWER-AVG. DEPTH-5.18'	420	LF	1,110	\$ 84,755.04	\$ 33,070.08	\$ 5,970.00	\$ 43,183.70	\$ 166,978.82
	33.01.333	1" SCH. 80 PVC SAMPLE PIPE-ASSUMED AVG. DEPTH-3.00'	2,166	LF	1,793	\$ 136,403.45	\$ 51,426.24	\$ 29,481.88	\$ 69,770.85	\$ 287,082.42
	33.01.340	36" WSP BACKWASH WASTE (BWW)-AVG. DEPTH-9.74'	1,057	LF	4,926	\$ 396,798.91	\$ 2,555,587.17	\$ 263,707.20	\$ 191,626.68	\$ 3,407,719.96
	33.01.342	42" WSP FILTERED WATER (FW)-GAC WETWELL TO SEAL WEIR-AVG. DEPTH-14.23'	464	LF	3,198	\$ 257,363.98	\$ 331,618.56	\$ 80,663.81	\$ 124,404.06	\$ 794,050.41

CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	33.01.343	60" WSP FILTERED WATER (FW)-EFFLUENT CONNECTION TO SEAL WEIR-AVG. DEPTH-16.30'	135	LF	4,413	\$ 358,986.11	\$ 1,064,167.73	\$ 94,386.89	\$ 171,676.59	\$ 1,689,217.32
	33.01.345	48" WSP GAC EFFLUENT (GE) TO 48"X60" REDUCER-AVG. DEPTH-16.60'	420	LF	1,835	\$ 147,891.72	\$ 421,540.16	\$ 69,576.28	\$ 71,373.70	\$ 710,381.86
	33.01.346	6' SAMPLING MANHOLE-48" GE-DEPTH-18.61'	1	EA	216	\$ 17,720.13	\$ 29,483.59	\$ 1,750.00	\$ 8,403.31	\$ 57,357.03
	33.01.346A	6' SAMPLING MANHOLE-60" FW-DEPTH-24.26'	1	EA	162	\$ 13,430.50	\$ 33,655.95	\$ 1,750.00	\$ 6,302.49	\$ 55,138.94
	33.01.348	60" WSP FINISH WATER (FW) 48"X60" REDUCER TO 60X60 TEE (STA 9+01)-AVG. DEPTH-22.11'	481	LF	4,880	\$ 394,801.86	\$ 942,157.31	\$ 112,066.74	\$ 189,844.87	\$ 1,638,870.78
	33.01.349	60"/54"/36"/30" WSP FINISH WATER (FW) 60X60 TEE (STA 9+01) TO TANKS-AVG. DEPTH-23.75'	305	LF	5,958	\$ 485,448.05	\$ 1,385,868.58	\$ 58,126.37	\$ 231,795.30	\$ 2,161,238.30
	33.01.355	CONNECT TO EX. CAOCL LINE-1.5"-AVG. DEPTH-7.38'	2	EA	113	\$ 8,893.60	\$ 1,959.20		\$ 4,376.73	\$ 15,229.53
	33.01.358	18" CL350 DIP FILTER TO WASTE (FTW) REROUTE-AVG. DEPTH-10.62'	43	LF	417	\$ 34,405.88	\$ 36,258.87	\$ 6,540.00	\$ 16,223.06	\$ 93,427.81
	33.01.360	16" WSP BACKWASH RECIRCULATION (BWR) REROUTE-AVG. DEPTH-10.06'	237	LF	1,948	\$ 158,952.81	\$ 170,655.31	\$ 29,425.38	\$ 75,793.22	\$ 434,826.72
	33.01.370	DEDUCT FOR EXPORT/IMPORT REPLACED BY NATIVE FILL IN NON PIPE ZONE AREAS	1	LS	-		\$ (225,027.69)	\$ (36,403.47)		\$ (261,431.16)
	33.43.300A	GMP 2-CHANGE ORDER- DEDUCT TO GO TO DEFINED SCOPE	1	LS				\$ (100,000.00)		\$ (100,000.00)
	33.43.305A	GMP 2-CHANGE ORDER- DEDUCT TO GO TO DEFINED SCOPE	1	LS				\$ (525,000.00)		\$ (525,000.00)
10		WEIR STRUCTURE	1	LS	11,001	\$ 1,091,689.42	\$ 1,146,957.40	\$ 375,940.55	\$ 189,923.00	\$ 2,804,510.37
		CONCRETE	1	LS	7,118	\$ 758,219.09	\$ 169,217.42	\$ 88,838.91	\$ 72,759.00	\$ 1,089,034.42
	19020	SELF-PERFORM STAFF	1	LS	2,851	\$ 418,264.55				\$ 418,264.55
	03.010.000	SEAL WATER STRUCT. - SOG	53	CY	262	\$ 19,728.84	\$ 15,963.41	\$ 2,346.68		\$ 38,038.93
	03.010.005	SEAL WATER - PERIMETER WALLS	143	CY	2,570	\$ 197,644.05	\$ 70,558.87	\$ 6,065.56		\$ 274,268.48
	03.010.010	SW - WEIR WALL	24	CY	383	\$ 29,463.30	\$ 11,302.29	\$ 1,044.80		\$ 41,810.39
	03.010.020	SW - ELEV. DECK & BEAMS	24	CY	430	\$ 33,057.96	\$ 16,219.21	\$ 1,013.20		\$ 50,290.37
	03.010.022	PUMP FND SOG	2	CY	54	\$ 4,054.37	\$ 2,317.39			\$ 6,371.76
	03.010.023	PUMP PADS	1	CY	24	\$ 1,829.93	\$ 1,310.05			\$ 3,139.98
	03.010.025	BLIND FLANGE MATERIAL/LEAK TEST SEAL WEIR	54,620	GAL	151	\$ 11,070.04	\$ 26,546.20			\$ 37,616.24
	03.010.099	REBAR - SEAL WEIR STRUCT.	78,520	LBS				\$ 78,368.67		\$ 78,368.67
	03.010.105	SEAL WATER - PERIMETER WALL PIPE (SET)	1	LS	42	\$ 3,151.23	\$ 25,000.00			\$ 28,151.23
	03.10.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK	1	LS	352	\$ 39,954.82			\$ 72,759.00	\$ 112,713.82
		MISC METALS	1	LS	-	\$ -	\$ -	\$ 56,874.73	\$ -	\$ 56,874.73
	05.10.700	MISC METALS SUBCONTRACT	1	LS				\$ 56,874.73		\$ 56,874.73
		FRP MATERIALS	1	LS	32	\$ 2,408.14	\$ 3,375.00	\$ -	\$ -	\$ 5,783.14
	06.10.700	FRP WEIR PLATES	27	LF	32	\$ 2,408.14	\$ 3,375.00			\$ 5,783.14
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 25,000.00	\$ -	\$ 25,000.00
	09.10.700	PAINTING SUBCONTRACT	1	LS				\$ 25,000.00		\$ 25,000.00
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 167,885.26	\$ -	\$ 167,885.26
	10.26.800	WEIR STRUCTURE EI&C	1	LS				\$ 167,885.26		\$ 167,885.26
		EARTHWORK	1	LS	1,976	\$ 179,442.12	\$ 221,022.28	\$ 539.50	\$ 65,740.00	\$ 466,743.90
	31.10.100	EXCAVATION	4,921	CY	1,230	\$ 111,697.35	\$ 23,620.80		\$ 40,931.00	\$ 176,249.15

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	31.10.200	BACKFILL WEIR STRUCTURE	4,442	CY	746	\$ 67,744.77	\$ 197,401.48	\$ 539.50	\$ 24,809.00	\$ 290,494.75
		PROCESS PIPE & VALVES	1	LS	1,444	\$ 117,203.95	\$ 584,735.24	\$ 33,802.15	\$ -	\$ 735,741.34
	40.10.200	1" CPVC CHEMICAL HFSA (HYDROFLUOSILICIC ACID)	110	LF	95	\$ 7,479.33	\$ 5,144.42	\$ 45.62		\$ 12,669.37
	40.10.201	2" CPVC CHEMIACL NAOCl (SODIUM HYPOCHLORITE)	36	LF	83	\$ 6,633.89	\$ 8,059.18			\$ 14,693.07
	40.10.202	1" CS SCH 40 WELD CHEMIACL NAOH (SODIUM HYDROXIDE)	42	LF	73	\$ 5,882.82	\$ 2,925.47	\$ 7,000.00		\$ 15,808.29
	40.10.300	SAMPLE PIPING AT SEAL WEIR & SAMPLING MANHOLE	140	LF	167	\$ 13,265.27	\$ 13,095.77	\$ 22.60		\$ 26,383.64
	40.10.400	FW 60" / 42" CARBON STEEL & DYNAMIC MOVEMENT JOINTS	24	LF	912	\$ 74,776.75	\$ 495,596.28	\$ 21,874.67		\$ 592,247.70
	40.10.500	BWR 16" CARBON STEEL & DYNAMIC MOVEMENT JOINT	32	LF	115	\$ 9,165.89	\$ 44,914.12	\$ 4,859.26		\$ 58,939.27
	40.10.501	30" VENT	1	LS			\$ 15,000.00			\$ 15,000.00
		PROCESS EQUIPMENT	1	LS	431	\$ 34,416.12	\$ 168,607.46	\$ 3,000.00	\$ 51,424.00	\$ 257,447.58
	46.10.200	SEAL WATER SAMPLE SUMP PUMPS	3	EA	63	\$ 4,965.66	\$ 13,806.00	\$ 2,000.00		\$ 20,771.66
	46.10.205	SEAL WATER SLIDE GATES	3	EA	332	\$ 26,589.38	\$ 102,028.00			\$ 128,617.38
	46.10.210	CHLORINE INJECTION ASSEMBLIES	2	EA	36	\$ 2,861.08	\$ 52,773.46	\$ 1,000.00		\$ 56,634.54
	46.10.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK	1	LS					\$ 51,424.00	\$ 51,424.00
30		EXISTING RAW WATER PUMP STATION 1	1	LS	156	\$ 12,478.18	\$ 35,685.73	\$ 4,075.88	\$ -	\$ 52,239.79
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 1,270.60	\$ -	\$ 1,270.60
	09.30.700	PAINTING SUBCONTRACT	1	LS				\$ 1,270.60		\$ 1,270.60
		PROCESS PIPE & VALVES	1	LS	138	\$ 11,047.64	\$ 9,299.00	\$ 2,305.28	\$ -	\$ 22,651.92
	40.30.430	ABANDON EXISTING NAOCl	1	LS	16	\$ 1,289.23	\$ 100.00	\$ 75.00		\$ 1,464.23
	40.30.440	1-1/2" CPVC CHEMICAL NAOCl (SODIUM HYPOCHLORITE)	20	LF	50	\$ 4,001.55	\$ 3,250.05			\$ 7,251.60
	40.30.450	3" CPVC CHEMICAL ClO2 (CHLORTINE DIOXIDE)	15	LF	72	\$ 5,756.86	\$ 5,948.95	\$ 2,230.28		\$ 13,936.09
		PROCESS EQUIPMENT	1	LS	18	\$ 1,430.54	\$ 26,386.73	\$ 500.00	\$ -	\$ 28,317.27
	46.30.210	CHLORINE INJECTION ASSEMBLIES	1	EA	18	\$ 1,430.54	\$ 26,386.73	\$ 500.00		\$ 28,317.27
35		EXISTING RAW WATER PUMP STATION 2	1	LS	183	\$ 14,674.79	\$ 37,775.40	\$ 4,075.88	\$ -	\$ 56,526.07
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 1,270.60	\$ -	\$ 1,270.60
	09.35.700	PAINTING SUBCONTRACT	1	LS				\$ 1,270.60		\$ 1,270.60
		PROCESS PIPE & VALVES	1	LS	165	\$ 13,244.25	\$ 11,388.67	\$ 2,305.28	\$ -	\$ 26,938.20
	40.35.430	ABANDON EXISTING NAOCl	1	LS	16	\$ 1,289.23	\$ 100.00	\$ 75.00		\$ 1,464.23
	40.35.440	1-1/2" CPVC CHEMICAL NAOCl (SODIUM HYPOCHLORITE)	50	LF	66	\$ 5,318.24	\$ 5,604.10			\$ 10,922.34
	40.35.450	3" CPVC CHEMICAL ClO2 (CHLORTINE DIOXIDE)	23	LF	83	\$ 6,636.78	\$ 5,684.57	\$ 2,230.28		\$ 14,551.63
		PROCESS EQUIPMENT	1	LS	18	\$ 1,430.54	\$ 26,386.73	\$ 500.00	\$ -	\$ 28,317.27
	46.35.210	CHLORINE INJECTION ASSEMBLIES	1	EA	18	\$ 1,430.54	\$ 26,386.73	\$ 500.00		\$ 28,317.27
42		GAC PUMP STATION	1	LS	36,392	\$ 3,709,672.48	\$ 5,180,265.00	\$ 810,553.12	\$ 1,539,991.00	\$ 11,240,481.60
		CONCRETE	1	LS	27,616	\$ 2,714,956.18	\$ 671,690.51	\$ 575,133.79	\$ 1,357,200.00	\$ 5,318,980.48
	19020	SELF-PERFORM STAFF	1	LS	7,176	\$ 1,028,063.40				\$ 1,028,063.40
	03.042.000	PUMP STATION SOG	463	CY	2,555	\$ 192,709.99	\$ 131,963.44	\$ 20,376.00		\$ 345,049.43
	03.042.004	PS - LAUNDERER DECK	4	CY	69	\$ 5,338.25	\$ 2,438.31	\$ 150.76		\$ 7,927.32
	03.042.005	PUMP STATION PERIMETER WALLS	738	CY	9,995	\$ 767,265.92	\$ 307,391.78	\$ 31,297.16		\$ 1,105,954.86
	03.042.006	PS - COLUMNS	12	CY	310	\$ 23,744.58	\$ 8,542.94	\$ 501.64		\$ 32,789.16

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	03.042.007	PS - PUMP BAFFLE WALL	22	CY	742	\$ 57,099.59	\$ 12,653.51	\$ 932.80		\$ 70,685.90
	03.042.008	PS - BEAMS IN DECK	49	CY	950	\$ 73,454.80	\$ 20,048.55	\$ 2,014.20		\$ 95,517.55
	03.042.009	PS - DECK LAUNDER WALL	3	CY	83	\$ 6,361.04	\$ 4,645.31	\$ 136.80		\$ 11,143.15
	03.042.010	PS - SUPPORTED PUMP DECK	400	CY	2,007	\$ 152,425.88	\$ 158,208.87	\$ 16,800.00		\$ 327,434.75
	03.042.011	FEED PUMP CANS EQUIP PADS TOP DECK	4	CY	158	\$ 12,094.59	\$ 6,812.81	\$ 148.80		\$ 19,056.20
	03.042.012	PS - 2 STAIR LANDINGS & GRADE BEAM FND	5	CY	83	\$ 6,293.81	\$ 1,822.64	\$ 198.80		\$ 8,315.25
	03.042.013	BLIND FLANGE MATERIAL/LEAK TEST PUMP STATION	790,588	GAL	144	\$ 10,533.58	\$ 17,162.35			\$ 27,695.93
	03.042.099	REBAR - GAC PUMP STATION	469,584	LBS				\$ 502,576.83		\$ 502,576.83
	03.42.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK	1	LS	3,344	\$ 379,570.75			\$ 1,357,200.00	\$ 1,736,770.75
		MISC METALS	1	LS	-	\$ -	\$ -	\$ 176,898.73	\$ -	\$ 176,898.73
	05.42.700	MISC METALS SUBCONTRACT	1	LS				\$ 176,898.73		\$ 176,898.73
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 30,020.60	\$ -	\$ 30,020.60
	09.42.700	PAINTING SUBCONTRACT	1	LS				\$ 30,020.60		\$ 30,020.60
		PROCESS PIPE & VALVES	1	LS	1,575	\$ 126,596.10	\$ 1,163,158.49	\$ 4,500.00	\$ -	\$ 1,294,254.59
	40.42.400	FW 24"/36" CARBON STEEL AND VALVES	107	LF	497	\$ 39,929.39	\$ 533,371.39	\$ 2,250.00		\$ 575,550.78
	40.42.410	BWS 24"/36" CARBON STEEL AND VALVES	124	LF	509	\$ 40,919.15	\$ 419,836.30	\$ 2,250.00		\$ 463,005.45
	40.42.420	OF 42" CARBON STEEL AND FLAP GATE	11	LF	119	\$ 9,591.47	\$ 10,071.34			\$ 19,662.81
	40.42.430	FW 42"/30" CARBON STEEL AND VALVES IN WET WELL	26	LF	189	\$ 15,196.00	\$ 165,111.34			\$ 180,307.34
	40.42.440	BWS/FW 36" PIPING BETWEEN STRUCTURES	2	EA	64	\$ 5,113.02	\$ 10,450.00			\$ 15,563.02
	40.42.445	DRAIN 2" / 4" CPVC AIR RELEASE VENT DRAIN PIPING	320	LF	198	\$ 15,847.07	\$ 24,318.12			\$ 40,165.19
		PROCESS EQUIPMENT	1	LS	7,201	\$ 868,120.20	\$ 3,345,416.00	\$ 24,000.00	\$ 182,791.00	\$ 4,420,327.20
	19020	SELF-PERFORM STAFF	1	LS	5,223	\$ 692,206.26	\$ 36,000.00			\$ 728,206.26
	46.42.500	GAC PS FLAP GATE	1	EA	71	\$ 5,715.52	\$ 15,358.00			\$ 21,073.52
	46.42.505	GAC FEED PUMPS	4	EA	788	\$ 63,009.26	\$ 1,882,319.00	\$ 13,000.00		\$ 1,958,328.26
	46.42.510	GAC BACKWASH PUMPS	3	EA	591	\$ 47,256.94	\$ 1,411,739.00	\$ 11,000.00		\$ 1,469,995.94
	46.42.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK	1	LS	528	\$ 59,932.22			\$ 182,791.00	\$ 242,723.22
43		POST FILTER GAC CONTACTORS	1	LS	116,142	\$ 11,005,342.27	\$ 11,091,323.31	\$ 6,416,817.79	\$ 3,224,899.46	\$ 31,738,382.83
		CONCRETE	1	LS	83,316	\$ 7,644,344.25	\$ 2,797,123.92	\$ 1,608,430.10	\$ 2,320,500.00	\$ 14,370,398.27
	19020	SELF-PERFORM STAFF	1	LS	16,293	\$ 2,390,213.10				\$ 2,390,213.10
	03.043.015	CONTACTOR & CHANNEL SOG - N/S	1,011	CY	5,017	\$ 376,998.35	\$ 295,842.57	\$ 43,238.40		\$ 716,079.32
	03.043.020	GAG PIPE GALLERY SOG	589	CY	2,974	\$ 222,231.54	\$ 171,893.64	\$ 25,916.40		\$ 420,041.58
	03.043.023	CONTACTOR LAUNDER DIVIDER WALLS	390	CY	6,128	\$ 471,921.68	\$ 192,636.65	\$ 16,541.92		\$ 681,100.25
	03.043.030	NORTH/SOUTH PIPE GALLERY WALLS - 2'WIDE	649	CY	8,270	\$ 635,977.24	\$ 287,466.97	\$ 27,519.12		\$ 950,963.33
	03.043.040	NORTH/SOUTH BAFFLE WALL	293	CY	5,009	\$ 385,582.81	\$ 145,877.50	\$ 12,424.00		\$ 543,884.31
	03.043.045	NORTH/SOUTH/EAST CHANNEL INNER WALL	348	CY	6,565	\$ 505,421.37	\$ 169,274.58	\$ 14,760.00		\$ 689,455.95
	03.043.050	NORTH/SOUTH EXTERIOR WALLS	498	CY	7,136	\$ 547,884.36	\$ 214,932.43	\$ 21,118.32		\$ 783,935.11
	03.043.051	WEST END WALLS	102	CY	1,515	\$ 116,365.05	\$ 43,482.45	\$ 4,313.80		\$ 164,161.30
	03.043.052	WEST DOCK WALL	57	CY	889	\$ 68,304.05	\$ 23,627.07	\$ 2,422.84		\$ 94,353.96
	03.043.053	EAST EXTERIOR WALL	155	CY	2,314	\$ 177,739.64	\$ 66,773.64	\$ 6,567.28		\$ 251,080.56

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	03.043.054	NORTHEAST CORNER WEIR WALL	5	CY	104	\$ 7,970.54	\$ 2,570.44	\$ 198.76		\$ 10,739.74
	03.043.055	CHANNEL DECKS NORTH/SOUTH/EAST	121	CY	1,749	\$ 132,282.85	\$ 306,269.01	\$ 5,132.00		\$ 443,683.86
	03.043.057	ELEV. DECKS OVER CHANNELS	134	CY	3,648	\$ 278,227.13	\$ 95,894.90	\$ 5,690.28		\$ 379,812.31
	03.043.060	GALLERY ELEVATED BEAMS & DECK	271	CY	5,677	\$ 436,485.86	\$ 173,398.07	\$ 11,558.80		\$ 621,442.73
	03.043.061	ELEVATED DECK ROOF CURBING	3	CY	251	\$ 19,236.36	\$ 3,895.94			\$ 23,132.30
	03.043.064	DOOR STOOP, STAIR FTR & LANDING, 2 EQUIP PADS	5	CY	92	\$ 7,040.61	\$ 1,932.41	\$ 180.28		\$ 9,153.30
	03.043.066	GAC OVERHEAD DOOR APPROACH SOG	4	CY	43	\$ 3,261.00	\$ 1,412.83	\$ 169.48		\$ 4,843.31
	03.043.067	GAC WEST PONY WALL AT ROLL-UP DOOR AREA	6	CY	142	\$ 10,856.53	\$ 5,875.50	\$ 257.36		\$ 16,989.39
	03.043.068	ROLL-UP DOOR SUPPORTED DECK AT DOCK ENTRY	6	CY	89	\$ 6,753.49	\$ 7,800.36	\$ 250.00		\$ 14,803.85
	03.043.075	BLIND FLANGE MATERIAL/LEAK TEST GAC	1,401,191	GAL	236	\$ 17,730.17	\$ 59,511.91			\$ 77,242.08
	03.043.080	GAC WEIR - SOG	32	CY	179	\$ 13,439.27	\$ 10,282.12	\$ 1,425.92		\$ 25,147.31
	03.043.082	GAC WEIR - WALLS & WEIR WALL	96	CY	2,228	\$ 171,128.20	\$ 48,544.87	\$ 4,060.72		\$ 223,733.79
	03.043.084	GAC WEIR - ELEV. DECK	10	CY	179	\$ 13,627.99	\$ 7,341.10	\$ 438.12		\$ 21,407.21
	03.043.085	BLIND FLANGE MATERIAL/LEAK TEST WEIR STRUCTURE	21,739	GAL	80	\$ 5,903.88	\$ 10,586.96			\$ 16,490.84
	03.043.099	REBAR - POST FILTER GAC FACILITY	1,507,793	LBS				\$ 1,404,246.30		\$ 1,404,246.30
	03.43.399	SAFETY & ACCESS CONTROLS (SCAFFOLDING, STAIRS, HANDRAIL, LADDERS)	18	MOS	3,168	\$ 242,190.43	\$ 450,000.00			\$ 692,190.43
	03.43.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK	1	LS	3,344	\$ 379,570.75			\$ 2,320,500.00	\$ 2,700,070.75
		MISC METALS	1	LS	-	\$ -	\$ -	\$ 755,977.73	\$ -	\$ 755,977.73
	05.43.700	MISC METALS SUBCONTRACT	1	LS				\$ 755,977.73		\$ 755,977.73
		FRP MATERIALS	1	LS	30	\$ 2,293.47	\$ 3,175.00	\$ 7,500.00	\$ -	\$ 12,968.47
	06.43.705	FRP LADDER 25' W/ SAFETY CLIMB SYSTEM	1	EA	0	\$ 25.48		\$ 7,500.00		\$ 7,525.48
	06.43.710	FRP WEIR PLATES	25	LF	30	\$ 2,267.99	\$ 3,175.00			\$ 5,442.99
		DOORS & WINDOWS	1	LS	-	\$ -	\$ -	\$ 46,804.43	\$ -	\$ 46,804.43
	08.43.700	SINGLE HM DOOR	2	EA				\$ 20,000.00		\$ 20,000.00
	08.43.705	OH COILING DOOR	1	EA				\$ 26,804.43		\$ 26,804.43
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 270,959.60	\$ -	\$ 270,959.60
	09.43.700	PAINTING SUBCONTRACT	1	LS				\$ 142,020.60		\$ 142,020.60
	09.43.702	XYPEX/WATERPROOFING	1	LS				\$ 128,939.00		\$ 128,939.00
	09.43.705	GAC CHANNEL COATINGS	1	LS						\$ -
		PLUMBING & HVAC	1	LS	411	\$ 30,825.23	\$ 38,219.78	\$ 374,902.04	\$ -	\$ 443,947.05
	22.43.800	GAC PLUMBING	1	LS				\$ 237,000.00		\$ 237,000.00
	22.43.801	DRAIN PIPE ENCASUREMENT	1	LS	411	\$ 30,825.23	\$ 38,219.78	\$ 4,986.68		\$ 74,031.69
	23.43.800	LOUVERS AND VENTS	1	LS				\$ 132,915.36		\$ 132,915.36
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 1,819,161.34	\$ -	\$ 1,819,161.34
	26.43.800	POST FILTER GAC CONTACTORS EI&C	1	LS				\$ 1,819,161.34		\$ 1,819,161.34
		EARTHWORK	1	LS	(1,673)	\$ (116,943.36)	\$ 304,837.10	\$ 337,549.91	\$ 6,365.46	\$ 531,809.11
	19020A	GMP 3-DEDUCT TO SALARY STAFF TO GO TO SUB	1	LS	(771)	\$ (92,688.11)	\$ (55,796.00)			\$ (148,484.11)
	31.43.300A	GMP 3-DEDUCT TO SELF-PERFORM WORK TO GO TO SUB	1	LS	(2,104)	\$ (137,266.12)		\$ 40,275.00	\$ (162,733.00)	\$ (259,724.12)

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	31.43.300B	GMP 2 CHANGE ORDER-ADDER FOR SHORING SUB TO GO FROM TIE BACK TO BEAM & LAG	1	LS				\$ 130,318.51		\$ 130,318.51
	31.43.300C	GMP 2 CHANGE ORDER-ADDER TO TRUCK MATERIAL OFF SITE	1	LS				\$ 179,456.40		\$ 179,456.40
	31.43.301A	GMP 2 CHANGE ORDER-DEDUCT TO GO TO SUB	1	LS	(150)	\$ (9,785.85)		\$ (12,500.00)	\$ (6,160.00)	\$ (28,445.85)
	31.43.305	BACKFILL FOR GAC	8,115	CY	1,353	\$ 122,796.72	\$ 360,633.10		\$ 175,258.46	\$ 658,688.28
		PROCESS PIPE & VALVES	1	LS	7,816	\$ 628,921.59	\$ 4,665,338.51	\$ 54,488.64	\$ -	\$ 5,348,748.74
	40.43.400	FW 24" WALL PIPE & VALVES	10	EA	303	\$ 24,415.33	\$ 514,938.29			\$ 539,353.62
	40.43.410	BWS 24"/36" CARBON STEEL AND VALVES	383	LF	1,686	\$ 135,814.38	\$ 947,981.38	\$ 4,500.00		\$ 1,088,295.76
	40.43.420	BWW 36" WALL PIPE & VALVES	10	EA	606	\$ 48,803.56	\$ 1,154,114.30			\$ 1,202,917.86
	40.43.430	CTW 16" FAB SPOOL	10	LF	122	\$ 9,822.13	\$ 2,399.14			\$ 12,221.27
	40.43.440	GE 14"/36" CARBON STEEL AND VALVES	332	LF	2,521	\$ 202,353.30	\$ 1,058,301.75	\$ 4,500.00		\$ 1,265,155.05
	40.43.560	FILTER BED SAMPLE PIPING & SAMPLE PUMP STATION	1	LS	175	\$ 13,972.75	\$ 11,254.00	\$ 75.48		\$ 25,302.23
	40.43.580	4" GS GAC SLURRY 316 SS	160	LF	266	\$ 21,452.27	\$ 86,983.48			\$ 108,435.75
	40.43.590	36" BWW ENCASED PIPE AT GAC	40	LF	440	\$ 34,629.58	\$ 244,713.95	\$ 1,869.64		\$ 281,213.17
	40.43.595	48" GE ENCASED PIPE AT EFF WEIR STRUCTURE	28	LF	725	\$ 58,680.70	\$ 293,320.16	\$ 17,315.10		\$ 369,315.96
	40.43.596	SUMP PUMP DISCHARGE 1-1/2" CPVC	80	LF	53	\$ 4,241.19	\$ 5,763.93			\$ 10,005.12
	40.43.597	2" CPVC CHEMIACL NAOCl (SODIUM HYPOCHLORITE) AT EFF WEIR	40	LF	42	\$ 3,351.63	\$ 6,179.86			\$ 9,531.49
	40.43.598	1" CS SCH 40 WELD CHEMIACL NAOH (SODIUM HYDROXIDE) AT EFF WEIR	35	LF	43	\$ 3,438.66	\$ 7,666.73	\$ 7,000.00		\$ 18,105.39
	40.43.599	FW 42" CARBON STEEL FROM GAC TO EFF WEIR DYNAMIC MOVEMENT JOINT	40	LF	834	\$ 67,946.11	\$ 319,721.54	\$ 19,228.42		\$ 406,896.07
	40.43.600	20" WEIR VENT	1	LS			\$ 12,000.00			\$ 12,000.00
		MONORAIL	1	LS	-	\$ -	\$ -	\$ 209,597.00	\$ -	\$ 209,597.00
	41.43.700	CRANE	1	EA				\$ 209,597.00		\$ 209,597.00
		PROCESS EQUIPMENT	1	LS	26,243	\$ 2,815,901.09	\$ 3,282,629.00	\$ 931,447.00	\$ 898,034.00	\$ 7,928,011.09
	19020	SELF-PERFORM STAFF	1	LS	13,649	\$ 1,817,980.43	\$ 68,660.00	\$ 25,000.00		\$ 1,911,640.43
	46.43.500	CONTACTOR UNDERDRAIN SYSTEM	10	EA	9,122	\$ 651,760.16	\$ 3,016,719.00	\$ 20,000.00		\$ 3,688,479.16
	46.43.515	GAC EFFLUENT WATER SAMPLE PUMP	2	EA	46	\$ 3,593.07	\$ 9,184.00	\$ 2,000.00		\$ 14,777.07
	46.43.520	GAC MEDIA	1,580,000	LB	240	\$ 16,956.96		\$ 40,000.00		\$ 56,956.96
	46.43.525	DAVIT CRANE	5	EA	130	\$ 10,177.17	\$ 41,600.00			\$ 51,777.17
	46.43.530	ALUM. COVERS	7,500	SF	416	\$ 33,520.03	\$ 15,000.00	\$ 842,447.00		\$ 890,967.03
	46.43.535	GAC DRAIN SUBMERISBLE SUMP PUMPS	2	EA	94	\$ 7,460.77	\$ 10,109.00	\$ 2,000.00		\$ 19,569.77
	46.43.540	GAC SLIDE GATES	4	EA	434	\$ 34,723.61	\$ 121,357.00			\$ 156,080.61
	46.43.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK	1	LS	2,112	\$ 239,728.89			\$ 898,034.00	\$ 1,137,762.89
43E		POST FILTER GAC ELECTRICAL BLDG	1	LS	712	\$ 57,316.93	\$ 37,134.11	\$ 1,569,137.27	\$ 5,000.00	\$ 1,668,588.31
		CONCRETE	1	LS	623	\$ 47,337.15	\$ 19,800.76	\$ 10,908.15	\$ -	\$ 78,046.06
	03.43E.000	GAC ELECTRICAL SOG	34	CY	446	\$ 33,886.34	\$ 11,516.92	\$ 1,492.84		\$ 46,896.10
	03.43E.011	GAC ELECTRICAL HVAC EXTERIOR SOGS	2	CY	90	\$ 6,848.27	\$ 1,036.33			\$ 7,884.60
	03.43E.012	GAC ELECTRICAL EQUIP PADS - INT.	1	CY	88	\$ 6,602.54	\$ 7,247.51			\$ 13,850.05
	03.43E.099	REBAR - GAC ELECTRICAL BLDG	10,876	LBS				\$ 9,415.31		\$ 9,415.31
	03.43E.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK	1	LS						\$ -

CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
		MASONRY	1	LS	-	\$ -	\$ -	\$ 65,100.00	\$ -	\$ 65,100.00
	04.43E.700	MASONRY SUBCONTRACT	1,725	SF				\$ 65,100.00		\$ 65,100.00
		MISC METALS	1	LS	-	\$ -	\$ -	\$ 3,600.00	\$ -	\$ 3,600.00
	05.43E.700	MISC METALS SUBCONTRACT	1	LS						\$ -
	05.43E.710	METAL FLASHING 10" H DRIP EDGE UNDER MASONRY	120	LF				\$ 3,600.00		\$ 3,600.00
		ROOFING	1	LS	66	\$ 8,222.57	\$ 12,415.00	\$ 33,750.00	\$ -	\$ 54,387.57
	07.43E.700	EXTERIOR EIFS SYSTEM	1	LS				\$ 31,050.00		\$ 31,050.00
	07.43E.705	ROOFING DOWNSPOUTS, GUTTERS. ETC	1	LS				\$ 2,700.00		\$ 2,700.00
	07.43E.710	ROOFING COMPONENTS	1	LS	66	\$ 8,222.57	\$ 12,415.00			\$ 20,637.57
		DOORS & WINDOWS	1	LS	-	\$ -	\$ -	\$ 28,000.00	\$ -	\$ 28,000.00
	08.43E.700	SINGLE HM DOOR	1	EA				\$ 10,000.00		\$ 10,000.00
	08.43E.705	DOUBLE HM DOOR	1	EA				\$ 18,000.00		\$ 18,000.00
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 20,270.60	\$ -	\$ 20,270.60
	09.43E.700	PAINTING SUBCONTRACT	1	LS				\$ 20,270.60		\$ 20,270.60
		FIRE SUPPRESSION	1	LS	-	\$ -	\$ -	\$ -	\$ -	\$ -
	21.43E.800	FIRE SUPPRESSION SYSTEM	1	LS						\$ -
		PLUMBING & HVAC	1	LS	-	\$ -	\$ -	\$ 227,616.00	\$ -	\$ 227,616.00
	22.43E.800	POST FILTER GAC ELEC BLDG PLUMBING	1	LS				\$ 5,000.00		\$ 5,000.00
	23.43E.800	POST FILTER GAC ELEC BLDG HVAC	1	LS				\$ 222,616.00		\$ 222,616.00
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 1,179,892.52	\$ -	\$ 1,179,892.52
	26.43E.800	POST FILTER GAC ELECTRICAL BUILDING	1	LS				\$ 1,179,892.52		\$ 1,179,892.52
		EARTHWORK	1	LS	22	\$ 1,757.21	\$ 4,918.35	\$ -	\$ 5,000.00	\$ 11,675.56
	31.43E.305	BACKFILL FOR GAC ELEC	48	CY	22	\$ 1,757.21	\$ 4,918.35		\$ 5,000.00	\$ 11,675.56
45		FILTERED WATER RESERVOIRS	1	LS	6,174	\$ 735,368.22	\$ 1,090,388.87	\$ 1,754,666.92	\$ 395,703.75	\$ 3,976,127.76
		CONCRETE	1	LS	117	\$ 8,961.08	\$ 555.05	\$ 966.00	\$ 43,753.00	\$ 54,235.13
	03.045.000	2 PIPE SUPPORTS IN TANK	2	CY	117	\$ 8,961.08	\$ 555.05	\$ 966.00		\$ 10,482.13
	03.45.999	CONSTRUCTION EQUIPMENT FOR CONCRETE WORK	1	LS					\$ 43,753.00	\$ 43,753.00
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 8,670.60	\$ -	\$ 8,670.60
	09.45.700	PAINTING SUBCONTRACT	1	LS				\$ 8,670.60		\$ 8,670.60
		EARTHWORK	1	LS	3,070	\$ 381,105.89	\$ 400,754.70	\$ 724,233.80	\$ 201,873.75	\$ 1,707,968.14
	19020	SELF-PERFORM STAFF	1	LS	2,080	\$ 301,119.00				\$ 301,119.00
	33.43.360	EXCAVATE & BACKFILL SHORING PIT AT FILTERED WATER RESERVIOR NO. 1	1	LS	540	\$ 43,563.29	\$ 203,112.00	\$ 343,433.80	\$ 106,843.36	\$ 696,952.45
	33.43.361	EXCAVATE & BACKFILL SHORING PIT AT FILTERED WATER RESERVIOR NO. 2	1	LS	450	\$ 36,423.60	\$ 197,642.70	\$ 380,800.00	\$ 95,030.39	\$ 709,896.69
		PROCESS PIPE & VALVES	1	LS	1,189	\$ 95,310.56	\$ 675,895.12	\$ 1,018,796.52	\$ -	\$ 1,790,002.20
	40.45.405	1" SAM CPVC SAMPLE PIPE FROM MANHOLE TO SAMPLE PUMPS	20	LF	87	\$ 6,884.77	\$ 3,957.65	\$ 18.89		\$ 10,861.31
	40.45.410	36" FW CARBON STEEL INSIDE RESERVOIR NO 2	40	LF	788	\$ 63,522.33	\$ 320,878.38	\$ 30,162.71		\$ 414,563.42
	40.45.420	30" FW CARBON STEEL INSIDE RESERVOIR NO 1	60	LF	164	\$ 13,214.67	\$ 315,284.41	\$ 961,166.04		\$ 1,289,665.12
	40.45.460	60" / 36" CARBON STEEL ABANDON IN PLACE	240	LF	150	\$ 11,688.79	\$ 35,774.68	\$ 27,448.88		\$ 74,912.35
		PROCESS EQUIPMENT	1	LS	1,798	\$ 249,990.69	\$ 13,184.00	\$ 2,000.00	\$ 150,077.00	\$ 415,251.69

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	19020	SELF-PERFORM STAFF	1	LS	1,752	\$ 246,397.62	\$ 4,000.00			\$ 250,397.62
	46.45.205	FILTERED WATER SAMPLE PUMPS	2	EA	46	\$ 3,593.07	\$ 9,184.00	\$ 2,000.00		\$ 14,777.07
	46.45.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK	1	LS					\$ 150,077.00	\$ 150,077.00
50		FINISHED WATER PUMP STATION	1	LS	123	\$ 9,952.44	\$ 16,517.75	\$ 17,240.60	\$ -	\$ 43,710.79
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 11,890.60	\$ -	\$ 11,890.60
	09.50.700	PAINTING SUBCONTRACT	1	LS				\$ 11,890.60		\$ 11,890.60
		PROCESS PIPE & VALVES	1	LS	123	\$ 9,952.44	\$ 16,517.75	\$ 5,350.00	\$ -	\$ 31,820.19
	40.50.400	BWR 16" CARBON STEEL	12	LF	123	\$ 9,952.44	\$ 16,517.75	\$ 5,350.00		\$ 31,820.19
65		EQUALIZATION BASINS	1	LS	2,499	\$ 249,239.91	\$ 365,939.59	\$ 888,304.21	\$ 18,883.00	\$ 1,522,366.71
		CONCRETE	1	LS	85	\$ 6,476.12	\$ 1,701.12	\$ 62,092.50	\$ -	\$ 70,269.74
	03.065.000	2 PUMP SLABS OUTSIDE EQ. BASINS	5	CY	85	\$ 6,476.12	\$ 1,701.12			\$ 8,177.24
	03.065.099	REBAR - PUMP SOGS	1,395	LBS				\$ 2,092.50		\$ 2,092.50
	03.065.999	DEMO & REPLACE GROUT ON BOTTOM OF TANK	1	LS				\$ 60,000.00		\$ 60,000.00
		MISC METALS	1	LS	-	\$ -	\$ -	\$ 86,418.73	\$ -	\$ 86,418.73
	05.65.700	MISC METALS SUBCONTRACT	1	LS				\$ 86,418.73		\$ 86,418.73
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 33,520.60	\$ -	\$ 33,520.60
	09.65.700	PAINTING SUBCONTRACT	1	LS				\$ 33,520.60		\$ 33,520.60
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 696,480.67	\$ -	\$ 696,480.67
	65.26.800	EQ BASIN EI&C	1	LS				\$ 344,063.30		\$ 344,063.30
	65.26.801	GMP 2 CHANGE ORDER-VFD CHANGE TO STAND ALONE ON EQ PUMPS	1	LS				\$ 352,417.37		\$ 352,417.37
		PROCESS PIPE & VALVES	1	LS	1,051	\$ 82,079.42	\$ 161,428.47	\$ 3,391.71	\$ -	\$ 246,899.60
	40.65.400	PRW 8" DIP BASIN 1	33	LF	163	\$ 13,108.19	\$ 20,277.65	\$ 1,515.00		\$ 34,900.84
	40.65.420	PRW 8" DIP BURIED VAULT TO BASIN 1	108	LF	369	\$ 28,376.63	\$ 35,500.34	\$ 280.16		\$ 64,157.13
	40.65.425	PRW 8" DIP VALVES ABOVE GROUND BASIN 1	26	LF	69	\$ 5,510.24	\$ 28,978.36			\$ 34,488.60
	40.65.440	PRW 8" DIP BASIN 2	32	LF	128	\$ 9,988.91	\$ 18,631.62	\$ 1,440.00		\$ 30,060.53
	40.65.450	PRW 12" / 8" DIP BURIED BASIN 2	71	LF	249	\$ 19,133.98	\$ 27,080.33	\$ 156.55		\$ 46,370.86
	40.65.455	PRW 8" VALVES ABOVE GROUND BASIN 2	40	LF	74	\$ 5,961.47	\$ 30,960.17			\$ 36,921.64
		PROCESS EQUIPMENT	1	LS	1,363	\$ 160,684.37	\$ 202,810.00	\$ 6,400.00	\$ 18,883.00	\$ 388,777.37
	19020	SELF-PERFORM STAFF	1	LS	894	\$ 120,467.09	\$ 4,000.00			\$ 124,467.09
	40.65.500	DEMOLITION OF EXISTING EQ BASIN 1 EQUIPMENT	1	LS	60	\$ 4,715.55		\$ 1,200.00		\$ 5,915.55
	40.65.505	DEMOLITION OF EXISTING EQ BASIN 2 EQUIPMENT	1	LS	60	\$ 4,715.55		\$ 1,200.00		\$ 5,915.55
	46.65.515	EQB-1 BASIN PUMP	2	EA	132	\$ 10,506.18	\$ 99,805.00	\$ 2,000.00		\$ 112,311.18
	46.65.525	EQB-2 BASIN PUMP	2	EA	129	\$ 10,291.30	\$ 99,005.00	\$ 2,000.00		\$ 111,296.30
	46.65.999	CONSTRUCTION EQUIPMENT FOR PROCESS MECHANICAL WORK	1	LS	88	\$ 9,988.70			\$ 18,883.00	\$ 28,871.70
75		DEWATERING FACILITY	1	LS	-	\$ -	\$ -	\$ 14,455,078.46	\$ -	\$ 14,455,078.46
		SPECIAL CONSTRUCTION	1	LS	-	\$ -	\$ -	\$ 13,340,287.83	\$ -	\$ 13,340,287.83
	13.75.500	GENERAL CONTRACTOR-DEWATERING FACILITY	1	LS				\$ 13,340,287.83		\$ 13,340,287.83
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 1,114,790.63	\$ -	\$ 1,114,790.63
	26.75.800	DEWATERING BUILDING EI&C	1	LS				\$ 1,114,790.63		\$ 1,114,790.63

**CITY OF CHANDLER
PECOS SWTP IMPROVEMENTS WA2100.251
COST MODEL DETAIL - GMP 3**

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
86		CHLORINE DIOXIDE	1	LS	1,270	\$ 130,116.00	\$ 49,504.84	\$ 6,806,031.83	\$ 65,739.37	\$ 7,051,392.04
		SPECIAL CONSTRUCTION	1	LS	-	\$ -	\$ -	\$ 5,988,628.38	\$ -	\$ 5,988,628.38
	13.86.500	GENERAL CONTRACTOR-CHLORINE DIOXIDE BLDG	1	LS				\$ 5,988,628.38		\$ 5,988,628.38
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 815,263.45	\$ -	\$ 815,263.45
	26.86.800	ELECTRICAL SUBCONTRACT	1	LS				\$ 815,263.45		\$ 815,263.45
		EARTHWORK	1	LS	1,270	\$ 130,116.00	\$ 49,504.84	\$ 2,140.00	\$ 65,739.37	\$ 247,500.21
	19020	SELF-PERFORM STAFF	1	LS	390	\$ 55,209.71				\$ 55,209.71
	31.86.300	EXCAVATION FOR CHEMICAL BLDG	813	CY	379	\$ 32,189.05	\$ 3,902.40		\$ 28,355.52	\$ 64,446.97
	31.86.305	BACKFILL FOR CHEMICAL BLDG	1,026	CY	500	\$ 42,717.24	\$ 45,602.44	\$ 2,140.00	\$ 37,383.85	\$ 127,843.53
87		POST TREATMENT CHEMICAL FACILITY	1	LS	1,115	\$ 89,352.45	\$ 210,586.07	\$ 346,063.98	\$ -	\$ 646,002.50
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 4,520.60	\$ -	\$ 4,520.60
	09.87.700	PAINTING SUBCONTRACT	1	LS				\$ 4,520.60		\$ 4,520.60
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 255,953.38	\$ -	\$ 255,953.38
	87.26.800	POST TREATMENT EI&C	1	LS				\$ 255,953.38		\$ 255,953.38
		PROCESS PIPE & VALVES	1	LS	1,001	\$ 80,478.62	\$ 33,342.07	\$ 79,590.00	\$ -	\$ 193,410.69
	40.87.410	SH PUMP TIE IN 2" / 1" CPVC	80	LF	336	\$ 27,039.04	\$ 7,762.34			\$ 34,801.38
	40.87.415	SH STORAGE TANK TIE IN 2" / 1" CPVC	180	LF	446	\$ 35,873.11	\$ 13,887.91	\$ 3,150.00		\$ 52,911.02
	40.87.420	SODIUM HYDROXIDE PUMP TIE IN 1" WELDED CS	30	LF	121	\$ 9,727.77	\$ 4,712.72	\$ 22,840.00		\$ 37,280.49
	40.87.425	SODIUM HYDROXIDE STORAGE TANK AREA 3/4" WELDED CS	110	LF	98	\$ 7,838.70	\$ 6,979.10	\$ 53,600.00		\$ 68,417.80
		PROCESS EQUIPMENT	1	LS	114	\$ 8,873.83	\$ 177,244.00	\$ 6,000.00	\$ -	\$ 192,117.83
	46.87.205	SODIUM HYPOCHLORITE METERING PUMP	1	EA	53	\$ 4,154.30	\$ 66,579.00	\$ 2,000.00		\$ 72,733.30
	46.87.210	SODIUM HYDROXIDE METERING PUMP	1	EA	53	\$ 4,154.30	\$ 110,665.00	\$ 2,000.00		\$ 116,819.30
	46.87.520	CHLORINE INJECTION ASSEMBLIES	1	LS	8	\$ 565.23		\$ 2,000.00		\$ 2,565.23
90		DISINFECTION BUILDING	1	LS	337	\$ 24,743.96	\$ 6,228.55	\$ 4,270.60	\$ -	\$ 35,243.11
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 3,070.60	\$ -	\$ 3,070.60
	09.90.700	PAINTING SUBCONTRACT	1	LS				\$ 3,070.60		\$ 3,070.60
		PROCESS PIPE & VALVES	1	LS	337	\$ 24,743.96	\$ 6,228.55	\$ 1,200.00	\$ -	\$ 32,172.51
	40.90.400	3" SOFT WATER TIE IN CPVC	60	LF	337	\$ 24,743.96	\$ 6,228.55	\$ 1,200.00		\$ 32,172.51
95		ADMIN BUILDING	1	LS	151	\$ 12,099.12	\$ 16,951.39	\$ 11,532.60	\$ -	\$ 40,583.11
		PAINT & COATINGS	1	LS	-	\$ -	\$ -	\$ 5,532.60	\$ -	\$ 5,532.60
	09.95.700	PAINTING SUBCONTRACT	1	LS				\$ 5,532.60		\$ 5,532.60
		PROCESS PIPE & VALVES	1	LS	151	\$ 12,099.12	\$ 16,951.39	\$ 6,000.00	\$ -	\$ 35,050.51
	40.95.500	SAMPLE PIPING AT ADMIN BUILDING	200	LF	151	\$ 12,099.12	\$ 16,951.39	\$ 6,000.00		\$ 35,050.51
99		CONSTRUCTION MANAGER GENERAL CONDITIONS	1	LS	44,134	\$ 5,602,854.20	\$ 818,871.74	\$ 1,840,776.71	\$ 1,662,162.00	\$ 9,924,664.65
		ELECTRICAL, INSTRUMENTATION, & CONTROLS	1	LS	-	\$ -	\$ -	\$ 515,868.71	\$ -	\$ 515,868.71
	19999	TEMPORARY ELECTRICAL	1	LS				\$ 515,868.71		\$ 515,868.71
		CONSTRUCTION MANAGER GENERAL CONDITIONS	1	LS	35,070	\$ 4,756,712.91	\$ (261,476.55)	\$ -	\$ -	\$ 4,495,236.36
	19010A	GMP 3-ADDITION CM STAFF	1	LS	35,070	\$ 4,756,712.91	\$ (261,476.55)			\$ 4,495,236.36
		CONSTRUCTION MANAGER GENERAL REQUIREMENTS	1	LS	9,064	\$ 846,141.29	\$ 1,080,348.29	\$ 1,324,908.00	\$ 1,662,162.00	\$ 4,913,559.58

CITY OF CHANDLER
 PECOS SWTP IMPROVEMENTS WA2100.251
 COST MODEL DETAIL - GMP 3

DETAILED COST SUMMARY

FACILITY	AREA	DESCRIPTION	QTY	UN	MANHOURS	LABOR	MATERIAL	SUBCONTRACTOR	EQUIPMENT	TOTAL
	19050	GENERAL REQUIREMENTS	1	LS	968	\$ 80,892.06	\$ 1,080,348.29	\$ 1,324,908.00		\$ 2,486,148.35
	19030A	GMP 3-ADDITION TO SITE WIDE EQUIPMENT	1	LS	8,096	\$ 765,249.23			\$ 1,662,162.00	\$ 2,427,411.23
		SUBTOTAL COST OF WORK	1	LS	290,043.80	\$ 29,436,106.06	\$ 28,573,803.41	\$ 40,117,537.73	\$ 9,384,885.09	\$ 107,512,332.29