



Payson WWTP Upgrade and Expansion

Package 7 100% Summary of Changes

Package 7 100% Costs

Package 7 Equipment and Sub Bid Form

Early Procurement and Payment Status

Package 7 Silver Electric Bid Proposal

Payson WWTP Upgrade and Expansion

Package 7 100% Summary of Changes

DIVISION 1 -SITE OVERHEAD/EQUIPMENT/FUEL

- Additional Supervision due to less overlap with the Early work Package
- Additional Equipment time due to less overlap with the Early work Package
- Additional Fuel due to less overlap with the Early work Package

EXCAVATION

- Increased wage cost due to SRF/Davis Bacon Requirements
- Added excavation Shoring due to property easement restrictions and existing plant piping interference found during potholing on site.

DEMO

- Demo cost decreased due to negotiations during Package 1-5

PIPING/MECHANICAL

- Mechanical Changes for Payson Package 7 from 90% to 100%
- The change from globally sourced materials to materials that meet AIS requirements (required by SRF), represents the largest change in mechanical cost from 90% drawings to 100% drawings.

The Following Changes were made to meet AIS/SRF Funding Requirements.

- Ductile Iron Pipe rose by \$616,500.00 which represents a 42% increase in total cost for DIP.
- The Plumbing Subcontractor added certified payroll and Davis Bacon Wages which added \$18,000
- Miscellaneous connectors & pipe appurtenances all changed to meet AIS which added about \$120,000
- AIS bolts for the Pipe Connectors added about \$27,000
- Additional Pipe Supports added about \$45,000
- Flange adaptors and Expansion Joints added about \$23,000
- Other misc items made up the difference.

The following additions were due to changes to the plans between 90 & 100%

- Pipe Bell Restraints were added to underground yard pipe which added \$328,000 (restraints to meet AIS requirements are very expensive)
- Bypass Pumping was defined better (two bypass locations added) which added \$135,000

The following cost changes were due to changes in our approach to the work.

- Added additional shoring & dewatering for pipe trench excavation \$135,000

- DIP	- \$ 616,500.00
- BNG Sets	- \$ 27,000.00
- Pipe Supports	- \$ 45,000.00
- FCA & EXP JT	- \$ 23,000.00
- Bell Restraints	- \$ 328,000.00
- Bypass	- \$ 135,000.00
- Shoring	- \$ 135,000.00
- Misc	- \$ 31,000.00
- TOTAL	- \$1,340,500.00

CONCRETE GENERAL

- Overall minor changes to the concrete Such as addition of cable trenches in the buildings, addition of wall in UV. and increase in rebar pricing due to AIS requirements.

SITE PAVING

- Increase in the cost of paving, and Davis Bacon wages.

ALL BUILDING

- In general, a 2 to 5% price increase for material was seen across the board.

MASONRY

- For all buildings general price increases for material and Davis Bacon Wage increases

RAS/WAS BUILDING

- Addition of wire trench added concrete and miscellaneous metal supports, added crane supports.
- Additional cost for Mechanical Piping, see above.
- Price reduction in HVAC
- Price increase in Reciprocating Positive Displacement Pumps

HEADWORKS

- Addition of wire trenches added concrete and miscellaneous metal supports.
- Additional cost for Mechanical Piping, see above.
- Price increase in HVAC, due to SRF Funding Requirements
- Addition of FRP planking and grating

INFLUENT PUMP STATION

- Large increase in pumps due to spec requirements for motor and impeller. Need to determine if this can be relaxed. Potential \$100k + savings.

- Additional cost for Mechanical Piping, see above.

CHEM BUILDING

- Additional cost for Mechanical Piping, see above.
- Price increase in HVAC, due to SRF Funding Requirement
- Increase on the Chemical Feed Metering Pumps
- Increase on the Polyethylene Tanks

UV BUILDING

- Minor Concrete changes/Additions
- Additional cost for Mechanical Piping, see above.
- Price increase in HVAC, due to SRF Funding Requirement

RE-USE PUMP STATION AND TANK

- Tank thick increased and AIS requirements double price of tank
- Price increase in HVAC, due to SRF Funding Requirement
- Addition cost for Mechanical Piping, see above.

DEWATERING BUILDING

- Minor Concrete changes/additions
- Additional cost for Mechanical Piping, see above.
- Price increase in HVAC, due to SRF Funding Requirement
- Addition of Access Platforms for Sludge Presses

ELECTRIAL BUILDING

- Minor Concrete changes/Additions
- Price increase in HVAC, due to SRF Funding Requirement

ODOR CONTROL

- Additional cost for Mechanical Piping, see above.
- Price increase in HVAC, due to SRF Funding Requirement

ELECTRICAL/I&C

- See attached electrical writeup.



Alder Construction Company
dba (CA) Alder Engineering & Construction Co.
3939 South 500 West
Salt Lake City, UT 84123
(801) 266-8856 phone
(801) 266-2947 fax

	Payson 100% COST	Payson 100% COST	Payson 90% COST	Payson 90% COST	100%- 90% Delta
WORK ITEM/FACILITY		COST		COST	
DIVISON 1 -SITE OVERHEAD/EQUIPMENT/FUEL		\$3,558,261.35		\$3,263,464.70	\$294,796.65
GROUND IMPROVEMENTS		\$0.00		\$0.00	\$0.00
EXCAVATION		\$3,401,086.84		\$2,149,251.84	\$1,251,835.00
DEWATERING Early Work Package					\$0.00
SITE WORK		\$7,605,810.95		\$5,179,318.76	\$2,426,492.19
DEMO	\$250,559.13		\$283,104.38		
YARD PIPING	\$5,788,095.11		\$3,507,117.86		
SITE CONCRETE/IMPROVEMENTS	\$1,174,086.76		\$1,083,095.45		
SITE PAVING	\$393,069.95		\$306,001.08		
BNR		\$1,979,004.04		\$1,836,642.89	\$142,361.15
RAS/WAS PUMP STATION	\$1,979,004.04		\$1,836,642.89		
HEADWORKS		\$3,582,804.69		\$3,372,515.59	\$210,289.10
INFLUENT PUMP STATION		\$900,893.62		\$688,842.24	\$212,051.37
CHEM BUILDING		\$682,504.27		\$580,938.19	\$101,566.09
UV DISINFECTION		\$3,661,640.47		\$3,236,249.21	\$425,391.25
RE-USE PUMP STATION AND TANK		\$1,092,071.60		\$829,259.50	\$262,812.11
BIOSOLIDS		\$3,420,514.35		\$3,111,265.06	\$309,249.29
SLUDGE HOLDING TANK					
BLOWER BUILDING					
DEWATERING BUILDING	\$3,420,514.35		\$3,111,265.06		
ELECTRICAL BUILDING		\$722,723.71		\$623,167.06	\$99,556.65
ELECTRICAL & I&C/DUCT BANK		\$10,264,876.07		\$9,283,158.38	\$981,717.69
ODOR CONTROL		\$922,508.08		\$909,070.17	\$13,437.91
SUB TOTAL		\$41,794,700.03		\$35,063,143.59	\$6,731,556.44
PROFIT & OFFICE OH 8.5%%		\$3,552,549.50		\$2,980,367.21	\$572,182.30
INSURANCE		\$41,794.70		\$35,063.14	\$6,731.56
BONDS		\$317,723.31		\$266,550.02	\$51,173.29
Total As Shown Cost		\$45,706,767.54		\$38,345,123.96	\$7,361,643.58
Contingency 3%		\$1,371,203.03		\$3,834,512.40	-\$2,463,309.37
TOTAL PACKAGE 7 100%		\$47,077,970.56		\$42,179,636.35	\$4,898,334.21
Deduct for Payouts on Prepurchase Equipment		\$1,755,478.99			
TOTAL PACKAGE 7 CONTRACT VALUE		\$45,322,491.57			
ALLOWANCE for Phase 2 UV Upgrade		\$1,829,238.00			
Early Work	\$5,664,867.93		\$5,631,000.00		\$33,867.93
Package 6	\$22,121,200.62		\$22,121,200.62		\$0.00
Package 7	\$45,322,491.57		\$42,179,636.35		\$3,142,855.22
Project Total Construction Contracts Current Design	\$73,108,560.12		\$69,931,836.97		\$3,176,723.15
Projet Total With UV Upgrade ALLOWANCE	\$74,937,798.12				



100% PACKAGE 2 DIVISION BREAKDOWN				
Payson				
		100% PRICING	90% PRICING	Delta 100 vs 90%
Division 1 OVERHEAD		\$2,983,362.00	\$2,725,428.00	\$257,934.00
Division 2 GROUND IMPROVEMENTS				
Division 2 Demo		\$388,600.49	\$388,600.49	\$0.00
DIVISION 3-CONCRETE		\$2,749,763.67	\$2,579,975.76	\$169,787.91
DIVISION 4- MASONRY		\$748,521.00	\$761,925.00	-\$13,404.00
DIVISION 5- Misc Metals METALS		\$1,141,476.14	\$1,012,261.49	\$129,214.66
DIVISION 6- WOOD & PLACTICS		\$298,783.70	\$204,208.34	\$94,575.36
DIVISION 7- THERMAL & MOISTURE PROTECTION		\$498,937.00	\$479,533.00	\$19,404.00
DIVISION 8- DOORS & WINDOWS		\$512,448.00	\$294,333.00	\$218,115.00
DIVISION 9- FINISHES		\$561,291.00	\$550,695.00	\$10,596.00
DIVISION 10- SPECIALTIES		\$10,758.00	\$10,758.00	\$0.00
DIVISION 11- EQUIPMENT	NA		NA	
DIVISION 12- FURNISHINGS	NA		NA	
DIVISION 13- SPECIAL CONSTRUCTION		\$421,002.00	\$238,889.00	\$182,113.00
DIVISION 14- CONVEYING EQUIPMENT	NA		NA	
DIVISION 22 - PLUMBING	NA		NA	
DIVISION 23- HVAC		\$2,323,050.00	\$2,147,070.00	\$175,980.00
DIVISION 25, 26, 33- Electrical		\$10,256,763.29	\$9,275,045.60	\$981,717.69
DIVISION 27- COMMUNICATIONS	NA		NA	
DIVISION 28- ELECTRONIC SAFETY & SECURITY	SEE ELEC		SEE ELEC	
DIVISION 31- EARTHWORK		\$3,381,770.46	\$2,129,935.46	\$1,251,835.00
DIVISION 31- DEWATERING				\$0.00
DIVISION 32 - EXTERIOR IMPROVEMENTS		\$638,715.65	\$482,213.78	\$156,501.87
DIVISION 33- UTILITIES				\$0.00
DIVISION 34- TRANSPORTATION	SEE MECH		SEE MECH	
DIVISION 40- MECHANICAL		\$7,404,760.08	\$4,906,655.58	\$2,498,104.50
DIVISION 41- MATERIAL PROCESSING & HANDLING EQUIPMENT		\$465,623.00	\$461,974.00	\$3,649.00
DIVISION 43,44,46-Equipment		\$4,455,756.00	\$4,169,805.03	\$285,950.97
				\$0.00
Raw Cost Increase		\$39,241,381.47	\$32,819,306.52	\$6,422,074.95
				\$0.00
Wage Burden		\$1,430,288.00	\$1,312,299.27	\$117,988.73
Additional Sales Tax		\$1,123,030.56	\$931,537.81	\$191,492.75
Burden + Sales Tax		\$2,553,318.55	\$2,243,837.07	\$309,481.48
				\$0.00
Raw Cost +Burden+Sales Tax		\$41,794,700.03	\$35,063,143.59	\$6,731,556.44
				\$0.00
				\$0.00
Profit and Office OH		\$3,552,549.50	\$2,980,367.21	\$572,182.30
Insurance		\$41,794.70	\$35,063.14	\$6,731.56
Bond		\$317,723.31	\$266,550.02	\$51,173.29
				\$0.00
Total Profit, Bond, Insurance		\$3,912,067.51	\$3,281,980.37	\$630,087.15
				\$0.00
Total		\$45,706,767.54	\$38,345,123.96	\$7,361,643.58

Overhead

PROJECT: Payson 100%
TOTAL: \$3,558,261.35

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
00650	Certificates Of Insurance		\$0.00				\$0.00	
00850	Contingency		\$0.00				\$0.00	
00851	Bid Service Fees		\$0.00				\$0.00	
DIVISION 1-GENERAL REQUIREMENTS								
01021	Per Diem -Civil Superintendent		\$0.00				\$0.00	
01022	Per Diem -Mech Superintendent		\$0.00				\$0.00	
01023	Per Diem - Others		\$0.00				\$0.00	
01024	Bonuses		\$0.00				\$0.00	
0143	Job Site Administration		\$0.00				\$0.00	
01044	Advertisement		\$0.00			\$5,000.00	\$5,000.00	
01 20 00	Measurement and Payment		\$0.00				\$0.00	
01046	Partnering		\$0.00				\$0.00	
01047	Supervision- General Superintendent	19 months	\$247,050.00				\$247,050.00	
01048	Supervision-Civil		\$0.00				\$0.00	
01048	Supervision-Mechanical	15 months	\$182,250.00				\$182,250.00	
01048	Supervision-Mechanical		\$0.00				\$0.00	
01049	Secretary		\$0.00				\$0.00	
01050	Field Engineering-PM	15 months	\$221,000.00				\$221,000.00	
01050	Field Engineer	15 months	\$143,000.00				\$143,000.00	
01051	Field Engineer	14 months	\$133,650.00				\$133,650.00	
01052	Equipment Inventory		\$0.00				\$0.00	
01060	Regulatory Requirements		\$0.00				\$0.00	
01061	Permits	6.08 GC	\$0.00			\$5,000.00	\$5,000.00	
01062	Licenses		\$0.00				\$0.00	
01100	Special Project Procedures		\$0.00				\$0.00	
01170	Safety/Training	2%mh	\$70,832.00	\$33,000.00	\$33,000.00		\$136,832.00	
01171	Safety Awards	1863.8843	\$62,692.05	\$0.00			\$0.00	
01175	Safety Officer		\$0.00				\$0.00	
01200	Project Meetings		\$0.00	\$8,000.00			\$8,000.00	
01201	Travel		\$0.00				\$0.00	
01300	Submittals		\$0.00	\$3,500.00			\$3,500.00	
01310	Progress Schedules		\$0.00			\$14,400.00	\$14,400.00	
01320	Progress Reports		\$0.00				\$0.00	
01330	Survey Data		\$0.00			\$7,500.00	\$7,500.00	
01330	Trimble ????		\$0.00				\$0.00	
01340	Shop Drawings, Product Data, & Samples		\$0.00				\$0.00	
01341	Plans & Engineering		\$0.00	\$35,000.00			\$35,000.00	
01350	Special Project Procedures		\$0.00				\$0.00	
01351	Field Samples		\$0.00				\$0.00	
01360	Layout Data		\$0.00				\$0.00	
01370	Schedule of Values		\$0.00				\$0.00	
01380	Construction Photos		\$0.00	\$3,500.00	\$1,500.00		\$5,000.00	

Overhead

PROJECT: Payson 100%
TOTAL: \$3,558,261.35

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
01400	Quality Control		\$0.00				\$0.00	
01410	Testing Laboratory Services	13.03 gc	\$0.00			\$100,000.00	\$100,000.00	
01440	Contractor Quality Control		\$0.00			\$15,000.00	\$15,000.00	
01500	Construction Facilities		\$0.00				\$0.00	
01505	Mobilization		\$88,160.00	\$5,000.00			\$93,160.00	
01506	Mobilization In		\$2,280.00	\$1,500.00	\$1,500.00	\$12,500.00	\$17,780.00	
01507	Mobilization Out		\$2,280.00			\$12,500.00	\$14,780.00	
01510	Temporary Utilities		\$0.00				\$0.00	
01511	Temporary Electricity		\$0.00				\$0.00	
01512	Temporary Power		\$2,280.00	\$1,750.00	\$1,750.00	\$10,000.00	\$15,780.00	
01513	Temporary Heating/Airconditioning		\$9,120.00	\$6,000.00	\$4,250.00		\$19,370.00	
01514	Temporary Telephone		\$0.00			\$9,600.00	\$9,600.00	
01515	Temporary Water-Potable		\$0.00			\$4,800.00	\$4,800.00	
01516	Temporary Water-Non Potable		\$4,560.00	\$2,750.00		\$4,750.00	\$12,060.00	
01517	Temporary Sanitary Facilities	15 1100	\$0.00			\$16,500.00	\$16,500.00	
01518	Temporary Trash Removal		\$0.00				\$0.00	
01519	Temporary Trash-Dumpster Rental	750 16	\$0.00			\$12,000.00	\$12,000.00	
01520	Temporary Construction		\$47,500.00	\$5,000.00	\$4,250.00	\$6,000.00	\$62,750.00	
01525	Construction Aids		\$0.00				\$0.00	
01530	Barriers & Enclosures		\$0.00				\$0.00	
01540	Security		\$0.00				\$0.00	
01550	Access Roads		\$2,280.00	\$2,150.00	\$2,000.00		\$6,430.00	
01560	Temporary Controls		\$0.00				\$0.00	
01561	Environmental Protection		\$6,840.00	\$5,250.00	\$3,750.00	\$1,750.00	\$17,590.00	
01567	Winter Protection/Snow Removal		\$28,500.00	\$4,750.00			\$33,250.00	
01568	Summer Protection		\$0.00				\$0.00	
01580	Project Signs		\$380.00	\$2,500.00			\$2,880.00	
01582	Bulletin Board		\$0.00				\$0.00	
01590	Field Offices and Sheds		\$0.00				\$0.00	
01591	Field Office Trailer		\$4,560.00	\$1,750.00	\$1,250.00	\$36,500.00	\$44,060.00	
01592	Field Office Trailer-Engineer		\$4,560.00	\$2,500.00	\$1,250.00	\$16,000.00	\$24,310.00	
01593	Field Office Equipment		\$760.00	\$5,600.00			\$6,360.00	
01594	Field Office Equipment-Engineer		\$0.00	\$11,200.00			\$11,200.00	
01596	Field Office Supplies		\$0.00	\$11,200.00			\$11,200.00	
01596	Field Office Supplies-Engineer		\$0.00	\$8,000.00			\$8,000.00	
01598	Computer Equipment		\$0.00	\$12,500.00		\$4,800.00	\$17,300.00	
01600	Material & Equipment		\$0.00				\$0.00	
01610	Supply of Initial Chemicals		\$1,520.00	\$40,000.00			\$41,520.00	
01611	Gas & Oil	16 7500	\$0.00	\$120,000.00			\$120,000.00	
01615	Welding Suupplies		\$0.00	\$6,000.00			\$6,000.00	
01620	Small Tools-Consumables	0.0035 \$78,700.84	\$0.00		\$81,000.00		\$81,000.00	
01625	Small Tools-Purchase	0.0035 \$78,700.84	\$0.00		\$81,000.00		\$81,000.00	
01640	Equipment Rental	15 14000	\$0.00		\$210,000.00		\$210,000.00	

PROJECT: Payson 100%
TOTAL: \$3,558,261.35

[illegible]

Excavation

PROJECT: Payson 100%

TOTAL: \$3,401,086.84

Site

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 31- EARTHWORK							
31 10 00	General Dewatering Weather		\$9,969.14		\$1,543.21	\$6,620.37	\$18,132.72	
31 10 00	Shoring		\$0.00			\$1,226,835.00	\$1,226,835.00	Jones
31 10 00	Silt Fences	0.9	\$0.00	\$0.00			\$0.00	see below
31 10 00	Excavtion Contracator	0.9	\$0.00	\$0.00		\$1,956,605.08	\$1,956,605.08	Jones
	10- Headworks							
31 10 11	HW Structures-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	HWBase Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Influent PS, Reuse PS & Tank, New Plant Drain PS, Dump Stations							
31 10 11	Infl PS Structures-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	Iflu PS Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Orbital Ditch, Clarifiers, Anarobic Tank, Scum Pump, Splitter							
31 10 11	BNR Structures-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	BNR Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	UV Disinfection Junction Box							
31 10 11	UV Structures-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	UV Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	RAS Building							
31 10 11	Re-Use Structures-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	Re-Use Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Blower Building							
31 10 11	Biosolids-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	BiosolidsBase Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	80 Electrical							
31 10 11	Electrical Building-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	Electrical Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Odor Control							
31 10 11	Electrical Building-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	Electrical Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Maintenance Building							
31 10 11	Maintenance Building-Excav,Backfill,Compact		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	See Excavation Contractor
31 10 12	Electrical Base Course		\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Dewatering Building							
31 10 11	Dewatering Building-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	See Excavation Contractor
31 10 12	Dewaterin Base Course	30	\$0.00	\$0.00			\$0.00	See Excavation Contractor
	Site Work							
31 10 00	Site Roads and Parking		\$8,360.00	\$8,500.00	\$3,500.00		\$20,360.00	Alder
31 10 00	AC Paving-Excav,Backfill,Compact		\$0.00	\$0.00			\$0.00	
31 10 00	Sub-Base Course AC Paving	4044.4444	\$0.00				\$0.00	Jones
31 10 00	Curb & Gutter-Excav,Backfill,Compact		\$3,487.73	\$0.00	\$1,354.17	\$6,620.37	\$11,462.27	Alder
31 10 00	Base Course C&G	300.92593	\$0.00	\$6,018.52			\$6,018.52	Alder
31 10 00	Sidewalk/Concrete Pave-Excav,Backfill,Compact		\$9,480.24	\$0.00	\$11,003.48	\$2,143.94	\$22,627.66	Alder

PROJECT: Payson 100%
TOTAL: \$3,401,086.84

[illegible]

Site Demo

PROJECT: Payson 100%
TOTAL: \$250,559.13

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
02 20 00	Demo Site Drying Bed	11089	0.12	\$4,560.00		\$106,824.00	\$111,384.00	Grant Mackey
02 20 00	Demo Site Intermediate Clarifier	275	0.20	\$0.00			\$0.00	Plant Performed
02 20 00	Demo Water & Sludge Building		0.000	\$13,680.00	\$18,500.00	\$10,000.00	\$42,180.00	
02 20 00	Additional Site Demo	105285	0.002	\$8,001.66	\$19,290.00	\$32,170.00	\$59,461.66	
02 20 00	Gradout out Demo Area	105285	0.001	\$4,000.83	\$12,500.00	\$6,500.00	\$23,000.83	
			SUBTOTALS	\$30,242.49	\$0.00	\$50,290.00	\$155,494.00	\$236,026.49
	TOTAL MANHOURS		796					
	AVERAGE COST/MANHOUR		\$38.00					
	TOTAL LABOR		\$30,242.49					\$14,532.64
	PAYROLL TAXES, INSURANCE		\$10,584.87					
	MATERIAL		\$0.00					
	MATERIAL SALES TAX		\$0.00		\$3,947.77		\$14,532.64	
	EQUIPMENT		\$50,290.00					
	EQUIPMENT SALES TAX		\$3,947.77					
	SUBCONTRACTS		\$155,494.00					
	SUBTOTAL		\$250,559.13					

Yard Pipe

PROJECT: Payson 100%
TOTAL: \$5,788,095.11

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
	DIVISION 3-CONCRETE							
	DIVISION 4- MASONRY							
	DIVISION 5- METALS							
	DIVISION 6- WOOD & PLACTICS							
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
	DIVISION 9- FINISHES							
	DIVISION 32 - EXTERIOR IMPROVEMENTS							
	DIVISION 40- MECHANICAL							
40 05 00	General Piping Sucontractor		\$0.00			\$110,000.00	\$110,000.00	
40 05 00	General Piping Sucontractor		\$0.00			\$794,953.08	\$794,953.08	
40 05 00	General Piping Dewawetering		\$0.00			\$51,790.00	\$51,790.00	Jones
40 05 01	034010 PRECAST CONCRETE		\$33,136.00	\$151,974.00			\$185,110.00	
40 05 02	220125 DIP Flanged Fittings/Pipe		\$106,134.00	\$1,280,567.00			\$1,386,701.00	
40 05 04	PVC Pipe		\$84,892.00	\$943,055.00			\$1,027,947.00	
40 05 05	HDPE Pipe and Fittings		\$5,206.00	\$14,795.00			\$20,001.00	
40 05 06	Hydrants & Hose Valves		\$4,332.00	\$29,450.00			\$33,782.00	
40 05 08	MISC ITEMS		\$57,646.00	\$81,645.00			\$139,291.00	
40 05 09	BYPASS PUMPING		\$7,600.00	\$325,000.00			\$332,600.00	
40 05 10	AC Paving Patch		\$5,662.00	\$8,940.00			\$14,602.00	
40 05 10	Pipe Excavation	17,035	\$342,722.00	\$683,982.00	\$150,000.00		\$1,176,704.00	see above
	DIVISION 41- MATERIAL PROCESSING & HANDLING EQUIPMENT							
	DIVISION 43-GAS, LIQUID, AND STORAGE							
	DIVISION 44- POLLUTION CONTROL EQUIPMENT							
	DIVISION 46-WATER AND WASTEWATER EQUIPMENT							
		SUBTOTALS	\$647,330.00	\$3,519,408.00	\$150,000.00	\$956,743.08	\$5,273,481.08	\$5,273,481.08
	TOTAL MANHOURS	17,035						
	AVERAGE COST/MANHOURL	\$38.00						
	TOTAL LABOR	\$647,330.00						
	PAYROLL TAXES, INSURANCE	\$226,565.50						\$514,614.03
	MATERIAL	\$3,519,408.00						
	MATERIAL SALES TAX	\$276,273.53			\$288,048.53		\$514,614.03	
	EQUIPMENT	\$150,000.00						
	EQUIPMENT SALES TAX	\$11,775.00						
	SUBCONTRACTS	\$956,743.08						
	SUBTOTAL	\$5,788,095.11						

Influent PS

PROJECT: Payson 100%

TOTAL: \$900,893.62

SPEC	PHASE DESCRIPTION	DESCRIPTION	MHRS	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITWORK								
	DIVISION 3-CONCRETE								
03 00 10	Concrete Form/Finish/Rub	7047	2.50	1279.00	\$48,602.00	\$17,617.50		\$66,219.50	
03200	Concrete Reinforcement		20		\$1,000.00		\$5,500.00	\$33,462.00	WSR
03250	Concrete Accessories		281.38		\$10,692.44	\$9,689.63		\$20,382.07	
03300	Cast-in-Place Concrete	186	\$186		\$0.00	\$34,577.40	\$4,089.80	\$38,667.20	
03360	Superplasticizers	186	12		\$0.00	\$2,230.80		\$2,230.80	
03370	Concrete SS Shoring		84.721		\$3,219.40	\$2,420.60		\$5,640.00	
03400	Sand Blast Finish				\$0.00			\$0.00	
03600	Grout Equipment	15	60	160	\$6,080.00	\$900.00		\$6,980.00	
03800	Mass Concrete	10	\$186	5	\$190.00	\$1,860.00		\$2,050.00	
	DIVISION 4- MASONRY								
	DIVISION 5- METALS								
05 50 00	Metal Fabrications		208		\$8,748.60	\$37,494.00		\$46,242.60	Mag Metal
05 50 00	Access Hatches	8	40	192	\$8,064.00	\$10,150.00		\$18,214.00	AH2O
05 50 00	Handrail		40	0	\$0.00	\$0.00		\$0.00	
05 05 20	Anchor Bolts				\$0.00	\$2,500.00		\$2,500.00	
	DIVISION 6- WOOD & PLACTICS								
06 10 00	Rough Carpentry		10		\$380.00	\$750.00		\$1,130.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION								
07 13 00	Bithuminous Waterproofing	1957	3		\$0.00		\$3,960.00	\$3,960.00	
07 21 16	Building Insulation	1957	2		\$0.00		\$3,914.00	\$3,914.00	
07 90 00	Joint Protection Fine Screen				\$0.00		\$2,500.00	\$2,500.00	
	DIVISION 8- DOORS & WINDOWS								
	DIVISION 9- FINISHES								
09 90 00	Painting & Coating		3.5		\$0.00			\$0.00	See Reuse
	DIVISION 10- SPECIALTIES								
	DIVISION 11- EQUIPMENT								
11 00 00	Equipment General Provisions				\$0.00			\$0.00	
	DIVISION 12- FURNISHINGS								
	DIVISION 13- SPECIAL CONSTRUCTION								
	DIVISION 14- CONVEYING EQUIPMENT								
	DIVISION 22 - PLUMBING								
22 01 00	General Plumbing	See Mech			\$0.00			\$0.00	
	DIVISION 23- HVAC								
	DIVISION 25, 26, 33- Electrical								
25 50 00	Electrical Power Distribution				\$0.00			\$0.00	See Electrical
	DIVISION 27- COMMUNICATIONS								
	DIVISION 28- ELECTRONIC SAFETY & SECURITY								
	DIVISION 31- EARTHWORK								
	DIVISION 32 - EXTERIOR IMPROVEMENTS								
	DIVISION 33- UTILITIES								
	DIVISION 34- TRANSPORTATION								

PROJECT: Payson 100%

TOTAL: \$900,893.62

[illegible]

Site Improvements & Concrete **PROJECT: Payson 100%**
TOTAL: \$1,174,086.76

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITWORK							
02 20 00	Demo	\$0	\$0.00				\$0.00	
	DIVISION 3-CONCRETE							
	Site Concrete							
03 00 10	Concrete Form/Finish/Rub	17404	2.50	\$151,468.00	\$43,510.00		\$194,978.00	
03200	Concrete Reinforcement			\$760.00		\$5,500.00	\$110,787.50	
03250	Concrete Accessories			\$33,322.96	\$21,755.00		\$55,077.96	
03300	Cast-in-Place Concrete	597	\$186	\$0.00	\$111,097.80	\$13,140.60	\$124,238.40	
03360	Superplasticizers	597	12	\$0.00	\$7,167.60		\$7,167.60	
03370	Concrete SS Shoring			\$2,108.54	40 05 10		\$2,108.54	
03400	Sand Blast Finish			\$0.00			\$0.00	
03600	Grout Equipment		55	\$0.00	\$0.00		\$0.00	
03800	Mass Concrete	20	\$186	\$380.00	\$3,720.00		\$4,100.00	
	DIVISION 4- MASONRY							
	DIVISION 5- METALS							
05 55 00	Misc Metals		\$0	\$16,887.36	\$60,312.00		\$77,199.36	
05 50 00	Handrail	175	68	\$2,940.00	\$11,900.00		\$14,840.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry		\$0	\$1,520.00	\$5,000.00		\$6,520.00	
06 10 00	Parshall Flume			\$1,520.00	\$8,500.00		\$10,020.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 16 00	Waterproofing			\$0.00			\$0.00	
07 13 00	Bituminous Waterproofing	6036	3	\$0.00		\$17,418.00	\$17,418.00	GWC
07 21 16	Building Insulation	6036	2	\$0.00		\$12,072.00	\$12,072.00	
	DIVISION 9- FINISHES							
09 90 00	Painting & Coating	250	50	\$0.00			\$0.00	See reuse
	DIVISION 32 - EXTERIOR IMPROVEMENTS							
32 12 16	Asphaltic Paving	50000	3.25	\$0.00			\$0.00	
32 12 16	Curb and Gutter, Waterway, Mow	360	30	\$0.00		\$10,800.00	\$10,800.00	
32 13 73	Pavements Joint Sealants		see paving	\$0.00			\$0.00	
32 31 13	Masonry Fence			\$0.00		\$0.00	\$0.00	
32 31 13	Chainlink Fence	255	70	\$0.00		\$13,483.00	\$13,483.00	
32 31 14	Slide Gates and Operators	1	6500	\$0.00			\$0.00	see above
32 31 14	Precast Decorative Fencing	730	110	\$0.00		\$80,300.00	\$80,300.00	
02900	Landscaping Gravel	3675.1	25	\$13,965.38	\$91,877.50		\$105,842.88	
02900	Landscaping Fabric	22123	1.25	\$7,566.07	\$27,653.75		\$35,219.82	
	DIVISION 40- MECHANICAL							
40 05 00	General Piping Requirements			\$7,372.00	\$69,152.00		\$76,524.00	\$76,524.00
40 05 10	Pipe Excavation		194	\$0.00			\$0.00	see above
	DIVISION 41- MATERIAL PROCESSING & HANDLING EQUIPMENT							
	DIVISION 43-GAS, LIQUID, AND STORAGE							
	DIVISION 44- POLLUTION CONTROL EQUIPMENT							

Site Improvements & Concrete **PROJECT: Payson 100%**
TOTAL: \$1,174,086.76

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
44 11 01	Drain Pump Staion Pumps	2	\$1,520.00	\$500.00	\$84,527.00		\$86,547.00	Wcubed
	DIVISION 46-WATER AND WASTEWATER EQUIPMENT							\$58577 original
		SUBTOTALS	\$241,330.31	\$462,145.65	\$103,167.60	\$238,600.50	\$1,045,244.06	\$1,045,244.06
	TOTAL MANHOURS	6,301						
	AVERAGE COST/MANHOUR	\$38.30						
	TOTAL LABOR	\$241,330.31						
	PAYROLL TAXES, INSURANCE	\$84,465.61						\$1,294,105.40
	MATERIAL	\$462,145.65						\$128,842.70
	MATERIAL SALES TAX	\$36,278.43			\$44,377.09		\$128,842.70	
	EQUIPMENT	\$103,167.60						
	EQUIPMENT SALES TAX	\$8,098.66						
	SUBCONTRACTS	\$238,600.50						
	SUBTOTAL	\$1,174,086.76						

AC Paving

PROJECT: Payson 100%

TOTAL: \$393,069.95

[illegible]

Headworks Building

PROJECT: Payson 100%

TOTAL: \$3,582,804.69

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	14481	2.50	\$142,006.00	\$36,202.50		\$178,208.50	
03200	Concrete Reinforcement			\$4,000.00	\$25,000.00	\$98,873.00	\$127,873.00	WSR
03250	Concrete Accessories			\$31,241.32	\$18,101.25		\$49,342.57	
03300	Cast-in-Place Concrete	581	\$186	\$0.00	\$108,028.80	\$12,777.60	\$120,806.40	
03360	Superplasticizers	581	15	\$0.00	\$8,712.00		\$8,712.00	
03370	Concrete SS Shoring			\$4,434.75	\$3,334.40		\$7,769.15	
03400	Sand Blast Finish			\$0.00	\$0.00		\$0.00	
03600	Grout Equipment	80	55	\$6,080.00	\$4,400.00		\$10,480.00	
03800	Mass Concrete	20	\$186	\$380.00	\$3,720.00		\$4,100.00	
	DIVISION 4- MASONRY							
04 20 00	Unit Masonry	4430	38	\$0.00		\$131,431.00	\$131,431.00	Glasgow
04 20 00	Unit Masonry Interior	357	30	\$0.00			\$0.00	
	DIVISION 5- METALS							
05 30 00	Steel Deck Headworks	2950	9	\$1,239.00	\$1,684.43		\$2,923.43	
05 12 00	Structural Steel Building		5	\$0.00	\$0.00		\$0.00	see Below
05 50 00	Metal Fabrications			\$53,124.96	\$189,732.00		\$242,856.96	Mag Metals
05 50 00	Handrail	50	68	\$840.00	\$3,400.00		\$4,240.00	
05 05 20	Anchor Bolts			\$0.00	\$4,500.00		\$4,500.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$1,520.00	\$5,000.00		\$6,520.00	
06 19 20	Prefab Trusses	3346	4	\$2,529.58	\$9,399.00		\$11,928.58	Burton
06 19 20	Plywood Sheating Ceiling	3800	2	\$3,192.00	\$7,600.00		\$10,792.00	
06 10 00	Parshall Flume			\$0.00			\$0.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	DampProofing	4430	3	\$0.00		\$13,290.00	\$13,290.00	
07 19 00	Water Repellants	5647	3	\$0.00		\$8,608.00	\$8,608.00	GWC
07 21 16	Building Insulation	5647	2	\$0.00		\$11,294.00	\$11,294.00	
07 21 16	Batt Insulation Insulation	3800	2	\$0.00		\$7,600.00	\$7,600.00	
07 22 00	Roof Insulation			\$0.00		\$0.00	\$0.00	see roof
07 60 00	Metal Flashing, Gutters, Downspouts			\$0.00		\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof	3800	23	\$0.00		\$37,250.00	\$37,250.00	RKC
07 90 00	Joint Protection Headworks			\$0.00		\$4,500.00	\$4,500.00	
	DIVISION 8- DOORS & WINDOWS							
08 13 00	Metal Doors	6	7303	\$3,192.00	\$300.00	\$43,818.00	\$47,310.00	RIM
08 31 00	Access Hatches			\$0.00	\$0.00	\$0.00	\$0.00	
08 33 13	Metal Coiling Overhead Doors	1	14030	\$0.00		\$14,030.00	\$14,030.00	Miner
08 51 13	Aluminum Windows	1	2500	\$0.00		\$3,100.00	\$3,100.00	Olympus
08 52 00	Skylights Solar Tubes	6	1000	\$2,736.00	\$300.00	\$6,000.00	\$9,036.00	
08 71 00	Door Hardware			\$0.00	\$0.00	\$0.00	\$0.00	see doors
08 80 00	Glazing			\$0.00		\$0.00	\$0.00	
	DIVISION 9- FINISHES							

PROJECT: Payson 100%
TOTAL: \$3,582,804.69

[illegible]

Headworks Building

PROJECT: Payson 100%
TOTAL: \$3,582,804.69

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
MATERIAL		\$669,723.38						
MATERIAL SALES TAX		\$52,573.29			\$157,789.94		\$272,001.11	
EQUIPMENT		\$1,340,339.60						
EQUIPMENT SALES TAX		\$105,216.66						
SUBCONTRACTS		\$974,423.00						
SUBTOTAL		\$3,582,804.69						

RAS/WAS PUMP STATION

PROJECT: Payson 100%

TOTAL: \$1,979,004.04

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	3948	2.50	\$111,796.00	\$9,870.00		\$121,666.00	
03200	Concrete Reinforcement			\$3,000.00	\$5,500.00	\$32,868.00	\$41,368.00	
03250	Concrete Accessories			\$24,595.12	\$5,428.50		\$30,023.62	
03300	Cast-in-Place Concrete	183	\$186	\$0.00	\$33,963.60	\$4,017.20	\$37,980.80	
03360	Superplasticizers	40	15	\$0.00	\$593.85		\$593.85	
03370	Concrete SS Shoring			\$3,219.40	\$2,420.60		\$5,640.00	
03400	Sand Blast Finish			\$0.00	\$0.00	\$0.00	\$0.00	
03600	Grout Equipment	20	55	\$1,520.00	\$1,100.00		\$2,620.00	
03800	Mass Concrete	10	\$186	\$190.00	\$1,860.00		\$2,050.00	
	DIVISION 4- MASONRY							
04 40 00	Masonry RAS	2444	38	\$0.00		\$95,159.00	\$95,159.00	Glasgow
04 40 00	Masonry RAS Interior	574	30	\$0.00			\$0.00	
	DIVISION 5- METALS							
05 20 00	Metal Joist RAS		28	\$0.00	\$0.00		\$0.00	
05 30 00	Steel Deck RAS		9	\$0.00	\$0.00		\$0.00	
05 12 00	Structural Steel		5	\$0.00			\$0.00	
05 50 00	Metal Fabrications			\$7,309.12	\$26,104.00		\$33,413.12	
05 50 00	Handrail	65	68	\$1,092.00	\$4,420.00		\$5,512.00	
05 05 20	Anchor Bolts			\$0.00	\$2,500.00		\$2,500.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$1,520.00	\$3,500.00		\$5,020.00	
06 19 20	Prefab Trusses	1703	4.8	\$1,748.00	\$7,203.00		\$8,951.00	Burton
06 19 20	Plywood Sheating Ceiling	3059	2	\$2,324.84	\$6,118.00		\$8,442.84	
06 19 20	Plywood Sheating Roof	3059	2	\$2,324.84	\$6,118.00		\$8,442.84	
06 60 00	FRP Fabication			\$0.00			\$0.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	DampProofing	2444	3	\$0.00		\$7,332.00	\$7,332.00	
07 19 00	Water Repellants	979	3	\$0.00		\$6,818.00	\$6,818.00	GWC
07 21 16	Building Insulation	979	2	\$0.00		\$1,958.00	\$1,958.00	
07 21 16	Batt Insulation Insulation	3059	2	\$0.00		\$6,118.00	\$6,118.00	
07 22 00	Roof Insulation			\$0.00		\$0.00	\$0.00	see roof
07 60 00	Metal Flashing, Gutters, Downspouts			\$0.00		\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof	3059	23	\$0.00		\$50,150.00	\$50,150.00	RTKC
07 90 00	Joint Protection RASWAS			\$0.00		\$6,500.00	\$6,500.00	
	DIVISION 8- DOORS & WINDOWS							
08 13 00	Metal Doors	5	7303	\$2,280.00	\$250.00	\$36,515.00	\$39,045.00	RIM
08 31 00	Access Hatches			\$0.00	\$0.00	\$0.00	\$0.00	
08 33 13	Metal Coiling Overhead Doors			\$0.00		\$0.00	\$0.00	
08 51 13	Aluminum Windows	5		\$0.00		\$4,745.00	\$4,745.00	Olympus
08 52 00	Skylights Solartubes	6	1000	\$2,736.00	\$300.00	\$6,000.00	\$9,036.00	
08 71 00	Door Hardware			\$0.00	\$0.00	\$0.00	\$0.00	see doors
08 80 00	Glazing			\$0.00		\$0.00	\$0.00	see above
	DIVISION 9- FINISHES							

RAS/WAS PUMP STATION

PROJECT: Payson 100%

TOTAL: \$1,979,004.04

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
09 90 00	Painting & Coating Chem Restant	3059 13	\$0.00			\$64,901.00	\$64,901.00	Orion
	DIVISION 10- SPECIALTIES							
10 44 00	Fire Protection Specialties	4 2	\$304.00		\$1,000.00		\$1,304.00	
	DIVISION 11- EQUIPMENT							
11 00 00	Equipment General Provisions		\$0.00				\$0.00	
	DIVISION 12- FURNISHINGS							
	DIVISION 13- SPECIAL CONSTRUCTION							
	DIVISION 14- CONVEYING EQUIPMENT							
	DIVISION 22 - PLUMBING							
22 01 00	General Plumbing	See Mech	\$0.00				\$0.00	
	DIVISION 23- HVAC							
23 34 00	HVAC	3059 35	\$0.00			\$410,534.00	\$410,534.00	
23 34 01	HVAC-Wet side		\$0.00				\$0.00	
	DIVISION 25, 26, 33- Electrical							
25 50 00	Electrical Power Distribution		\$0.00				\$0.00	See Electrical
	DIVISION 27- COMMUNICATIONS							
	DIVISION 28- ELECTRONIC SAFETY & SECURITY							
	DIVISION 31- EARTHWORK							
	DIVISION 32 - EXTERIOR IMPROVEMENTS							
	DIVISION 33- UTILITIES							
	DIVISION 34- TRANSPORTATION							
	DIVISION 40- MECHANICAL							
40 05 00	General Piping Requirements		\$58,842.00	\$413,451.00			\$472,293.00	
	DIVISION 41- MATERIAL PROCESSING & HANDLING EQUIPMENT							
41 01 00	Single Girder Bridge Crane		\$1,344.00	\$0.00	\$87,505.00		\$88,849.00	American Equip
	DIVISION 43-GAS, LIQUID, AND STORAGE							
	DIVISION 44- POLLUTION CONTROL EQUIPMENT							
	DIVISION 46-WATER AND WASTEWATER EQUIPMENT							
44 11 04	Screw Centrifugal	4	\$5,376.00	\$9,011.00	\$84,527.00		\$98,914.00	W Cubed
44 12 15	Reciprocating Positive Displaceme	3	\$4,032.00	\$1,000.00	\$142,760.00		\$147,792.00	Goble
		SUBTOTALS	\$235,553.32	\$509,107.55	\$393,928.20	\$687,083.00	\$1,825,672.07	\$1,825,672.07
	TOTAL MANHOURS	5,984						3
	AVERAGE COST/MANHOUR	\$39.36						
	TOTAL LABOR	\$235,553.32						
	PAYROLL TAXES, INSURANCE	\$82,443.66						\$153,331.97
	MATERIAL	\$509,107.55						
	MATERIAL SALES TAX	\$39,964.94			\$70,888.31		\$153,331.97	
	EQUIPMENT	\$393,928.20						
	EQUIPMENT SALES TAX	\$30,923.36						
	SUBCONTRACTS	\$687,083.00						
	SUBTOTAL	\$1,979,004.04						

Chemical Nutrient Removal

PROJECT: Payson 100%

TOTAL: \$682,504.27

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITWORK							
02 20 00	Demo and Rehab Dewatering Building		\$0.00			\$50,000.00	\$50,000.00	
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	163 3.00	\$5,738.00	\$489.00			\$6,227.00	
03200	Concrete Reinforcement		\$1,000.00			\$3,638.00	\$4,638.00	
03250	Concrete Accessories		\$1,262.36	\$268.95			\$1,531.31	
03300	Cast-in-Place Concrete	18 \$186	\$0.00	\$3,383.34	\$400.18		\$3,783.52	
03360	Superplasticizers	12	\$0.00	\$0.00			\$0.00	
03370	Dowels	361 35	\$6,859.00	\$12,635.00	\$2,000.00		\$21,494.00	
03400	Concrete Roughing		\$3,420.00		\$250.00		\$3,670.00	
03600	Grout Equipment	80 55	\$6,080.00	\$4,400.00			\$10,480.00	
03800	Mass Concrete	10 \$186	\$190.00	\$1,860.00			\$2,050.00	
	DIVISION 4- MASONRY							
	DIVISION 5- METALS							
05 12 00	Structural Steel	5	\$0.00		\$0.00		\$0.00	see Below
05 50 00	Metal Fabrications		\$1,820.00	\$6,500.00			\$8,320.00	
05 50 00	Handrail	68	\$0.00	\$0.00			\$0.00	
05 05 20	Anchor Bolts		\$0.00	\$1,500.00			\$1,500.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry		\$760.00	\$2,500.00			\$3,260.00	
06 11 00	FRP Covers-		\$0.00	\$0.00			\$0.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	Bithuminous Waterproofing	3	\$0.00			\$0.00	\$0.00	
07 21 16	Building Insulation	0 2	\$0.00			\$0.00	\$0.00	
07 22 00	Roof Insulation		\$0.00			\$0.00	\$0.00	see roof
07 60 00	Metal Flashing, Gutters, Downspouts		\$0.00			\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof	23	\$0.00			\$0.00	\$0.00	
07 90 00	Joint Protection Fine Screen	500 3	\$0.00			\$1,500.00	\$1,500.00	
	DIVISION 8- DOORS & WINDOWS							
	DIVISION 9- FINISHES							
09 90 00	Painting & Coating Chem	1156 35	\$0.00			\$40,460.00	\$40,460.00	
	DIVISION 10- SPECIALTIES							
10 34 00	Architectural Sunshades	2500	\$0.00	\$0.00	\$0.00		\$0.00	
10 44 00	Fire Protection Specialties	2	\$0.00		\$0.00		\$0.00	
	DIVISION 11- EQUIPMENT							
11 00 00	Equipment General Provisions		\$0.00				\$0.00	
	DIVISION 12- FURNISHINGS							
	DIVISION 13- SPECIAL CONSTRUCTION							
	DIVISION 14- CONVEYING EQUIPMENT							
	DIVISION 22 - PLUMBING							
22 01 00	General Plumbing	See Mech	\$0.00				\$0.00	
	DIVISION 23- HVAC							

Chemical Nutrient Removal

PROJECT: Payson 100%

TOTAL: \$682,504.27

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
23 34 00	HVAC		\$0.00			\$151,333.00	\$151,333.00	Team
23 34 01	HVAC-Wet side		\$0.00				\$0.00	
	DIVISION 25, 26, 33- Electrical							
25 50 00	Electrical Power Distibution		\$0.00				\$0.00	See Electrical
	DIVISION 27- COMMUNICATIONS							
	DIVISION 28- ELECTRONIC SAFETY & SECURITY							
	DIVISION 31- EARTHWORK							
	DIVISION 32 - EXTERIOR IMPROVEMENTS							
	DIVISION 33- UTILITIES							
	DIVISION 34- TRANSPORTATION							
	DIVISION 40- MECHANICAL							
40 05 00	General Piping Requirements		\$20,706.00	\$86,500.00		\$95,975.00	\$203,181.00	
	DIVISION 41- MATERIAL PROCESSING & HANDLING EQUIPMENT							
41 22 13	Monorail		\$0.00				\$0.00	
	DIVISION 43-GAS, LIQUID, AND STORAGE							
	DIVISION 44- POLLUTION CONTROL EQUIPMENT							
	DIVISION 46-WATER AND WASTEWATER EQUIPMENT							
44 81 01	High Density polyethylene Tanks		\$1,344.00	\$500.00	\$65,875.00		\$67,719.00	Misco
44 14 06	Solenoid Metering Pump Skids	3	\$4,032.00	\$500.00	\$58,712.00		\$63,244.00	Grundfos Waterford
		SUBTOTALS	\$53,211.36	\$121,036.29	\$127,237.18	\$342,906.00	\$644,390.83	\$644,390.83
	TOTAL MANHOURS	1,324						1
	AVERAGE COST/MANHOURL	\$40.19						
	TOTAL LABOR	\$53,211.36						
	PAYROLLTAXES,INSURANCE	\$18,623.98						\$38,113.44
	MATERIAL	\$121,036.29						
	MATERIAL SALES TAX	\$9,501.35			\$19,489.47		\$38,113.44	
	EQUIPMENT	\$127,237.18						
	EQUIPMENT SALES TAX	\$9,988.12						
	SUBCONTRACTS	\$342,906.00						
	SUBTOTAL	\$682,504.27						

UV Structure

PROJECT: Payson 100%

TOTAL: \$3,661,640.47

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITWORK							
02 20 00	Demo and Rehab Buidling UV Disinfect		\$7,098.00	\$1,500.00	\$4,788.00	\$500.00	\$13,886.00	
02 20 00	Demo and Rehab Buidling UV Disinfect		\$26,124.00	\$5,000.00	\$17,800.00	\$8,200.00	\$57,124.00	
02 20 00	Demo and Rehab Buidling UV Disinfect		\$8,064.00	\$3,500.00	\$13,200.00	\$6,800.00	\$31,564.00	
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	19174	2.50	\$153,596.00	\$47,935.00		\$201,531.00	
03200	Concrete Reinforcement			\$8,000.00	\$5,000.00	\$157,964.10	\$170,964.10	
03250	Concrete Accessories			\$33,791.12	\$26,364.25		\$60,155.37	
03300	Cast-in-Place Concrete	831	\$186	\$0.00	\$154,638.54	\$18,290.58	\$172,929.12	
03360	Superplasticizers	831	15	\$0.00	\$12,470.85		\$12,470.85	
03370	Dowels	1872	35	\$35,568.00	\$65,520.00	\$3,000.00	\$104,088.00	
03370	Concrete SS Shoring			\$13,877.90	\$5,553.00		\$19,430.90	
03600	Grout Equipment	80	55	\$6,080.00	\$4,400.00		\$10,480.00	
03800	Mass Concrete	20	\$186	\$380.00	\$3,720.00		\$4,100.00	
	DIVISION 4- MASONRY							
04 20 00	Unit Masonry UV Structure	5680	38	\$0.00		\$231,039.00	\$231,039.00	
	DIVISION 5- METALS							
05 20 00	Metal Joist UN Structure		22	\$0.00	\$0.00		\$0.00	
05 30 00	Steel Deck UV Structure		8	\$0.00	\$0.00		\$0.00	
05 12 00	Structural Steel UV		5	\$0.00	\$0.00		\$0.00	see Below
05 50 00	Metal Fabrications UV			\$78,311.52	\$279,684.00		\$357,995.52	Stairs/Aum/FPR Covers
05 50 00	Handrail	127	68	\$2,133.60	\$8,636.00		\$10,769.60	
05 05 20	Anchor Bolts			\$0.00	\$5,000.00		\$5,000.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$1,520.00	\$8,500.00		\$10,020.00	
06 19 20	Prefab Trusses	3550	4	\$3,806.04	\$107,020.00		\$110,826.04	Burton
06 19 20	Plywood Sheating Ceiling	4025	2	\$3,381.00	\$8,050.00		\$11,431.00	
06 10 00	Weirs SST			\$1,520.00	\$20,000.00		\$21,520.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	Bithuminous Waterproofing	570	3	\$0.00		\$1,710.00	\$1,710.00	
07 21 16	Building Insulation	570	2	\$0.00		\$1,140.00	\$1,140.00	
07 21 16	Batt Insulation Insulation	3550	2	\$0.00		\$7,100.00	\$7,100.00	
07 22 00	Roof Insulation	4531	3	\$0.00		\$13,593.00	\$13,593.00	
07 54 19	Polyvinyl Chloride Roofing	0	25	\$1,520.00		\$0.00	\$1,520.00	
07 60 00	Metal Flashing, Gutters, Downspouts			\$0.00		\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof	4531	23	\$0.00		\$69,250.00	\$69,250.00	RKC
07 90 00	Joint Protection	1462	3	\$0.00		\$4,386.00	\$4,386.00	
	DIVISION 8- DOORS & WINDOWS							
08 13 00	Metal Doors	6	7303	\$3,192.00	\$300.00	\$43,818.00	\$47,310.00	RIM
08 31 00	Access Hatches			\$0.00	\$0.00	\$0.00	\$0.00	
08 33 13	Metal Coiling Overhead Doors	1	14030	\$0.00		\$14,030.00	\$14,030.00	Miner
08 51 13	Aluminum Windows	5		\$0.00		\$1,650.00	\$1,650.00	

PROJECT: Payson 100%
TOTAL: \$3,661,640.47

[illegible]

UV Structure

PROJECT: Payson 100%
TOTAL: \$3,661,640.47

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
AVERAGE COST/MANHOUR		\$43.55						
TOTAL LABOR		\$437,912.08						
PAYROLL TAXES, INSURANCE		\$153,269.23						\$312,306.81
MATERIAL		\$959,136.64						
MATERIAL SALES TAX		\$75,292.23			\$159,037.58		\$312,306.81	
EQUIPMENT		\$1,066,819.83						
EQUIPMENT SALES TAX		\$83,745.36						
SUBCONTRACTS		\$885,465.10						
SUBTOTAL		\$3,661,640.47						

Re-Use PS and Tank

PROJECT: Payson 100%
TOTAL: \$1,092,071.60

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	1131	2.50	\$48,602.00	\$2,827.50		\$51,429.50	
03200	Concrete Reinforcement			\$1,500.00		\$9,405.00	\$10,905.00	WSR
03250	Concrete Accessories			\$10,692.44	\$1,555.13		\$12,247.57	
03300	Cast-in-Place Concrete	50	\$186	\$0.00	\$9,207.00	\$1,089.00	\$10,296.00	
03360	Superplasticizers	50	12	\$0.00	\$594.00		\$594.00	
03370	Concrete SS Shoring			\$4,259.80	\$1,681.50		\$5,941.30	
03400	Saw Cut and Demo SOG(new Pipe)			\$1,140.00	\$500.00	\$200.00	\$2,340.00	
03600	Grout Equipment	15	40	\$1,520.00	\$600.00		\$2,120.00	
03800	Mass Concrete	10	\$186	\$190.00	\$1,860.00		\$2,050.00	
	DIVISION 4- MASONRY							
04 20 00	Unit Masonry Re-Use PS	1600	38	\$0.00			\$0.00	
	DIVISION 5- METALS							
05 50 00	Metal Fabrications			\$1,283.33	\$5,500.00		\$6,783.33	
05 50 00	Handrail		40	\$0.00	\$0.00		\$0.00	
05 05 20	Anchor Bolts			\$0.00			\$0.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$380.00	\$500.00		\$880.00	
06 19 20	Plywood Sheating Ceiling		2	\$0.00	\$0.00		\$0.00	
06 19 20	Prefab Trusses		13	\$0.00	\$0.00		\$0.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	Bithuminous Waterproofing	866	3	\$0.00		\$7,500.00	\$7,500.00	
07 21 16	Building Insulation	866	2	\$0.00		\$1,732.00	\$1,732.00	
07 21 16	Batt Insulation Insulation	0	2	\$0.00		\$0.00	\$0.00	
07 22 00	Roof Insulation			\$0.00		\$0.00	\$0.00	see roof
07 54 19	Polyvinyl Chloride Roofing			\$1,520.00		\$0.00	\$1,520.00	
07 60 00	Metal Flashing, Gutters, Downspouts			\$0.00		\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof		23	\$0.00		\$0.00	\$0.00	
07 90 00	Joint Protection			\$0.00		\$1,500.00	\$1,500.00	
	DIVISION 8- DOORS & WINDOWS							
	DIVISION 9- FINISHES							
09 90 00	Painting & Coating	0	3.5	\$0.00		\$119,339.00	\$119,339.00	Orion
	DIVISION 10- SPECIALTIES							
	DIVISION 11- EQUIPMENT							
11 00 00	Equipment General Provisions			\$0.00			\$0.00	
	DIVISION 12- FURNISHINGS							
	DIVISION 13- SPECIAL CONSTRUCTION							
41 00 00	Steel Tank			\$3,040.00	\$2,500.00	\$415,462.00	\$421,002.00	Tank Connection
	DIVISION 14- CONVEYING EQUIPMENT							
	DIVISION 22 - PLUMBING							

PROJECT: Payson 100%
TOTAL: \$1,092,071.60

[illegible]

Dewatering Building

PROJECT: Payson 100%
TOTAL: \$3,420,514.35

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	4633	2.50	\$59,052.00	\$11,582.50		\$70,634.50	
03200	Concrete Reinforcement			\$4,000.00		\$32,076.00	\$36,076.00	WSR
03250	Concrete Accessories			\$12,991.44	\$6,370.38		\$19,361.82	
03300	Cast-in-Place Concrete	178	\$186	\$0.00	\$33,145.20	\$3,920.40	\$37,065.60	
03360	Superplasticizers	178	15	\$0.00	\$2,673.00		\$2,673.00	
03370	Concrete SS Shoring			\$3,219.40	\$2,420.60		\$5,640.00	
03400	Sand Blast Finish			\$0.00	\$0.00	\$0.00	\$0.00	
03600	Grout Equipment	60	55	\$3,040.00	\$3,300.00		\$6,340.00	
03800	Mass Concrete	10	\$186	\$190.00	\$1,860.00		\$2,050.00	
	DIVISION 4- MASONRY							
04 20 00	Unit Masonry Dewater	6136	38	\$0.00		\$230,331.00	\$230,331.00	
04 20 00	Unit Masonry Dewater Interior	2184	30	\$0.00			\$0.00	
	DIVISION 5- METALS							
05 20 00	Metal Jois/Trusst Membrane		40	\$0.00	\$0.00		\$0.00	
05 30 00	Steel Deck Membrane	4965	6	\$0.00			\$0.00	
05 12 00	Structural Steel			\$0.00	\$0.00		\$0.00	
05 50 00	Metal Fabrications Dewatering			\$38,273.76	\$136,692.00		\$174,965.76	
05 50 00	Handrail	98	68	\$1,646.40	\$6,664.00		\$8,310.40	
05 05 20	Anchor Bolts			\$0.00	\$1,500.00		\$1,500.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$570.00	\$1,200.00		\$1,770.00	
06 19 20	Plywood Sheating Ceiling	4696	2	\$3,568.96	\$9,392.00		\$12,960.96	
06 19 20	Plywood Sheating Ceiling	4696	2	\$3,568.96	\$9,392.00		\$12,960.96	
06 19 20	Prefab Trusses	4167	4	\$3,773.40	\$14,356.00		\$18,129.40	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	Dampproofing	6136	4	\$0.00		\$24,544.00	\$24,544.00	
07 19 00	Water Repellants	972	3	\$0.00		\$4,970.00	\$4,970.00	GWC
07 21 16	Building Insulation	972	2	\$0.00		\$3,244.00	\$3,244.00	USI
07 21 16	Batt Insulation Insulation	4696	2	\$0.00		\$9,392.00	\$9,392.00	
07 21 16	Roof Insulation	4696	3	\$0.00		\$14,088.00	\$14,088.00	
07 61 13	Standing Seam Metal Roof	4965	22	\$0.00		\$76,780.00	\$76,780.00	RKC
07 90 00	Joint Protection Membrane	258		\$0.00		\$0.00	\$0.00	
	DIVISION 8- DOORS & WINDOWS							
08 13 00	Metal Doors and existing	21	7303	\$9,576.00	\$200.00	\$153,363.00	\$163,139.00	RIM
08 31 00	Access Hatches			\$0.00			\$0.00	
08 33 13	Metal Coiling Overhead Doors	6	14030	\$0.00		\$84,180.00	\$84,180.00	Miner
08 51 13	Aluminum Windows	70	240	\$0.00		\$4,350.00	\$4,350.00	
08 52 00	Skylights Solartubes	12	1000	\$5,472.00	\$600.00	\$12,000.00	\$18,072.00	
08 71 00	Door Hardware			\$0.00	\$0.00	\$0.00	\$0.00	see doors

Dewatering Building

PROJECT: Payson 100%
TOTAL: \$3,420,514.35

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
08 80 00	Glazing		\$0.00			\$0.00	\$0.00	
	DIVISION 9- FINISHES							
09 51 10	Acoustical Wall & Panel Ceilings	35	\$0.00			\$0.00	\$0.00	
09 90 00	Painting & Coating	4420 15	\$0.00			\$112,759.00	\$112,759.00	
	DIVISION 10- SPECIALTIES							
10 34 00	Architectural Sunshades	3500	\$0.00	\$0.00	\$0.00		\$0.00	
10 44 00	Fire Protection Specialties	5 2	\$380.00		\$1,250.00		\$1,630.00	
	DIVISION 11- EQUIPMENT							
11 00 00	Equipment General Provisions		\$0.00				\$0.00	
	DIVISION 12- FURNISHINGS							
	DIVISION 13- SPECIAL CONSTRUCTION							
	DIVISION 14- CONVEYING EQUIPMENT							
	DIVISION 22 - PLUMBING							
22 01 00	General Plumbing	See Mech	\$0.00				\$0.00	
	DIVISION 23- HVAC							
23 34 00	HVAC	4420 35	\$0.00			\$576,985.00	\$576,985.00	Team
23 34 01	HVAC-Wet side		\$0.00				\$0.00	
	DIVISION 25, 26, 33- Electrical							
25 50 00	Electrical Power Distribution		\$0.00				\$0.00	See Electrical
	DIVISION 27- COMMUNICATIONS							
	DIVISION 28- ELECTRONIC SAFETY & SECURITY							
	DIVISION 31- EARTHWORK							
	DIVISION 32 - EXTERIOR IMPROVEMENTS							
	DIVISION 33- UTILITIES							
	DIVISION 34- TRANSPORTATION							
	DIVISION 40- MECHANICAL							
40 05 00	General Piping Requirements		\$38,178.00	\$222,149.00		\$32,750.00	\$293,077.00	
40 12 00	Temp Press Conveyor		\$3,948.00	\$40,000.00			\$43,948.00	added Alder to Supply
	DIVISION 41- MATERIAL PROCESSING & HANDLING EQUIPMENT							
41 01 00	Single Girder Bridge Crane		\$1,344.00	\$5,000.00	\$92,645.00		\$98,989.00	American Equip
	DIVISION 43-GAS, LIQUID, AND STORAGE							
	DIVISION 44- POLLUTION CONTROL EQUIPMENT							
	DIVISION 46-WATER AND WASTEWATER EQUIPMENT							
46 01 01	Screw Press	2	\$40,320.00	\$1,500.00	\$665,500.00		\$707,320.00	Huber-Prebought
46 01 01	Temp Press	1	\$0.00				\$0.00	Early Work Package
46 90 90	Air Compressor	1	\$3,360.00	\$2,000.00	\$20,000.00		\$25,360.00	no spec
44 75 81	Shaftless Conveyors and Sludge L	1	\$5,040.00	\$1,500.00	\$298,220.00		\$304,760.00	JDV Goble
		SUBTOTALS	\$241,512.32	\$513,496.68	\$1,246,898.40	\$1,206,449.00	\$3,208,356.39	\$3,208,356.39

Dewatering Building**PROJECT: Payson 100%****TOTAL: \$3,420,514.35**

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	TOTAL MANHOURS	5,999						3
	AVERAGE COST/MANHOUR	\$40.26						
	TOTAL LABOR	\$241,512.32						
	PAYROLL TAXES, INSURANCE	\$84,529.31						\$212,157.95
	MATERIAL	\$513,496.68						
	MATERIAL SALES TAX	\$37,228.51			\$127,628.64		\$212,157.95	
	EQUIPMENT	\$1,246,898.40						
	EQUIPMENT SALES TAX	\$90,400.13						
	SUBCONTRACTS	\$1,206,449.00						
	SUBTOTAL	\$3,420,514.35						

Electrical Building

PROJECT: Payson 100%

TOTAL: \$722,723.71

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITWORK							
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	3271	2.50	\$54,150.00	\$8,177.50		\$62,327.50	
03200	Concrete Reinforcement			\$2,000.00		\$5,500.00	\$21,780.00	WSR
03250	Concrete Accessories			\$11,913.00	\$4,497.63		\$16,410.63	
03300	Cast-in-Place Concrete	121	\$186	\$0.00	\$22,506.00	\$2,662.00	\$25,168.00	
03360	Superplasticizers	121	15	\$0.00	\$1,815.00		\$1,815.00	
03370	Concrete SS Shoring			\$13,877.90	\$5,553.00		\$19,430.90	
03400	Sand Blast Finish			\$0.00	\$0.00	\$0.00	\$0.00	
03600	Grout Equipment		55	\$0.00	\$0.00		\$0.00	
03800	Mass Concrete	20	\$186	\$380.00	\$3,720.00		\$4,100.00	
	DIVISION 4- MASONRY							
04 20 00	Unit Masonry Electrical	1282	38	\$0.00		\$53,561.00	\$53,561.00	
04 20 00	Unit Masonry Electrical larger		30	\$0.00		\$7,000.00	\$7,000.00	
	DIVISION 5- METALS							
05 20 00	Metal Joist Electrical			\$0.00	\$0.00		\$0.00	
05 30 00	Steel Deck Electrical	3388	8	\$1,422.96	\$27,104.00		\$28,526.96	
05 12 00	Structural Steel Electrical		5	\$0.00	\$0.00		\$0.00	
05 50 00	Metal Fabrications Electrical			\$1,555.40	\$6,666.00		\$8,221.40	
05 50 00	Handrail	68	68	\$1,142.40	\$4,624.00		\$5,766.40	
05 05 20	Anchor Bolts			\$0.00	\$6,500.00		\$6,500.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$760.00	\$2,500.00		\$3,260.00	
06 19 20	Plywood Sheating Ceiling	1561	2	\$1,186.36	\$3,122.00		\$4,308.36	
06 19 20	Plywood Sheating Ceiling	236	2	\$179.36	\$472.00		\$651.36	
06 19 20	Prefab Trusses	320	13	\$0.00	\$4,384.00		\$4,384.00	Burton
06 19 20	Prefab Trusses Large Building	236	3	\$1,186.36	\$708.00		\$1,894.36	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	Dampproofing	1282	3	\$0.00		\$3,846.00	\$3,846.00	
07 13 00	Dampproofing Larger Building	180	3	\$0.00		\$540.00	\$540.00	
07 19 00	Water Repellants	480	3	\$0.00		\$2,440.00	\$2,440.00	GWC
07 21 16	Building Insulation	480	2	\$0.00		\$960.00	\$960.00	
07 21 16	Building Insulation Large Building	36	2	\$0.00		\$72.00	\$72.00	
07 21 16	Batt Insulation Insulation	1561	2	\$0.00		\$3,122.00	\$3,122.00	
07 21 16	Batt Insulation Insulation Larger Bu	236	2	\$0.00		\$472.00	\$472.00	
07 22 00	Roof Insulation	0		\$0.00		\$0.00	\$0.00	see roof
07 42 13	Preformed Metal Wall Panels		9	\$0.00	\$0.00		\$0.00	
07 50 00	Elastomeric Sheet Roofing			\$0.00		\$0.00	\$0.00	
07 54 19	Polyvinyl Chloride Roofing		25	\$1,520.00		\$0.00	\$1,520.00	
07 60 00	Metal Flashing, Gutters, Downspouts			\$0.00		\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof	1561	25	\$0.00		\$27,920.00	\$27,920.00	RKC
07 61 13	Standing Seam Metal Roof Larger	250	25	\$0.00		\$6,250.00	\$6,250.00	RKC

PROJECT: Payson 100%

TOTAL: \$722,723.71

[illegible]

PROJECT: Payson 100%
TOTAL: \$722,723.71

[illegible]

Electrical and Duct Bank

PROJECT: Payson 100%
TOTAL: \$10,264,876.07

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 25, 26, 33- Electrical							
25 00 00	Electrical Bond 32 moth Performace Bond		\$0.00			\$162,000.00	\$162,000.00	silver
25 00 00	Electrical General Conditions		\$0.00			\$1,160,102.00	\$1,160,102.00	silver
	General Site Work							
25 00 00	Electrical General Site, Ductbanks, Site Lighting		\$0.00			\$2,132,930.89	\$2,132,930.89	silver
	Electrical Building							
25 00 00	Electrical Building and Generator Misc Electrical		\$0.00			\$327,450.37	\$327,450.37	silver
25 00 00	Generator Package Cost		\$0.00			\$694,189.00	\$694,189.00	silver
25 00 00	Electrical Equipment Package Cost		\$0.00			\$1,074,587.00	\$1,074,587.00	silver
	Headworks Building							
25 00 00	Headworks and Influent PS		\$0.00			\$544,492.86	\$544,492.86	silver
25 00 00	Headworks and Influent PS		\$0.00			\$209,294.20	\$209,294.20	silver
	Digester Building (Sludge Holding)							
25 00 00	Sludge Holding and Blower Building		\$0.00			\$78,697.57	\$78,697.57	silver
	UV Disinfection Building							
25 50 00	UV Disinfection Building		\$0.00			\$358,579.55	\$358,579.55	silver
25 50 00	UV Disinfection Building		\$0.00			\$175,812.20	\$175,812.20	silver
	Chemical Building							
25 50 00	Chemical Building		\$0.00			\$71,803.87	\$71,803.87	silver
25 50 00	Chemical Building ATS		\$0.00			\$10,250.00	\$10,250.00	silver
	RAS/WAS Building							
25 00 00	RAS/WAS Pump Station		\$0.00			\$384,549.83	\$384,549.83	silver
25 00 00	RAS/WAS Pump Station Equipment Cost		\$0.00			\$279,959.20	\$279,959.20	silver
	Dewatering Building							
25 50 00	Dewatering Building		\$0.00			\$279,964.73	\$279,964.73	silver
25 50 00	Dewatering Building Equipment Cost		\$0.00			\$172,469.20	\$172,469.20	silver
	RE-Use Pump Station							
25 50 00	Re Use Pump Station		\$0.00			\$191,342.22	\$191,342.22	silver
25 50 00	Re Use Pump Station		\$0.00			\$175,535.00	\$175,535.00	silver
	PLC, Instrumentation, Integration, and Programming (BY SKM)							
25 50 00	PLC, Instrumentation, Integration, and Programming (BY SKM)		\$0.00			\$1,649,731.00	\$1,649,731.00	silver
25 50 00	Lighting Protection		\$0.00			\$80,000.00	\$80,000.00	silver
25 50 00	Duct Bank Rebar		\$17,442.00	\$25,580.60			\$43,022.60	
		SUBTOTALS	\$17,442.00	\$25,580.60	\$0.00	\$10,213,740.69	\$10,256,763.29	\$10,256,763.29
	TOTAL MANHOURS	459						0
	AVERAGE COST/MANHOUR	\$38.00						
	TOTAL LABOR	\$17,442.00						\$8,112.78
	PAYROLLTAXES,INSURANCE	\$6,104.70						
	MATERIAL	\$25,580.60						
	MATERIAL SALES TAX	\$2,008.08			\$2,008.08		\$8,112.78	
	EQUIPMENT	\$0.00						
	EQUIPMENT SALES TAX	\$0.00						
	SUBCONTRACTS	\$10,213,740.69						
	SUBTOTAL	\$10,264,876.07						

Electrical and Duct Bank

PROJECT: Payson 100%
TOTAL: \$10,264,876.07

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME

Odor Control

PROJECT: Payson 100%
TOTAL: \$922,508.08

SPEC	PHASE DESCRIPTION	DESCRIPTION	LABOR	MAT'L	EQUIP	SUB	TOTAL	SUPPLIER/SUB NAME
	DIVISION 2-SITEWORK							
	DIVISION 3-CONCRETE							
03 00 10	Concrete Form/Finish/Rub	3766	2.50	\$30,780.00	\$9,415.00		\$40,195.00	
03200	Concrete Reinforcement			\$1,600.00	\$5,500.00	\$2,260.00	\$9,360.00	
03250	Concrete Accessories			\$6,771.60	\$5,178.25		\$11,949.85	
03300	Cast-in-Place Concrete	11	\$180	\$0.00	\$2,034.00	\$248.60	\$2,282.60	
03360	Superplasticizers	11	10	\$0.00	\$113.00		\$113.00	
03370	Concrete SS Shoring			\$788.88	\$311.40		\$1,100.28	
03400	Sand Blast Finish			\$0.00			\$0.00	
03600	Grout Equipment	10	55	\$6,080.00	\$550.00		\$6,630.00	
03800	Mass Concrete	10	\$180	\$190.00	\$1,800.00		\$1,990.00	
	DIVISION 4- MASONRY							
	DIVISION 5- METALS							
05 50 00	Metal Fabrications Odor			\$10,089.10	\$43,239.00		\$53,328.10	Mag Metals
05 50 00	Handrail	89	68	\$1,495.20	\$6,052.00		\$7,547.20	
05 05 20	Anchor Bolts			\$0.00	\$1,500.00		\$1,500.00	
	DIVISION 6- WOOD & PLACTICS							
06 10 00	Rough Carpentry			\$760.00	\$2,000.00		\$2,760.00	
	DIVISION 7- THERMAL & MOISTURE PROTECTION							
07 13 00	Waterproofing	468	3	\$0.00		\$1,404.00	\$1,404.00	
07 16 00	Cementitious Waterproofing		5	\$0.00		\$0.00	\$0.00	
07 60 00	Metal Flashing, Gutters, Downspouts			\$0.00		\$0.00	\$0.00	see roof
07 61 13	Standing Seam Metal Roof		18	\$0.00		\$0.00	\$0.00	
07 90 00	Joint Protection Membrane	250	4	\$0.00		\$1,000.00	\$1,000.00	
	DIVISION 8- DOORS & WINDOWS							
	DIVISION 9- FINISHES							
09 90 00	Painting & Coating		3.5	\$0.00		\$15,000.00	\$15,000.00	
	DIVISION 10- SPECIALTIES							
	DIVISION 11- EQUIPMENT							
11 00 00	Equipment General Provisions			\$0.00			\$0.00	
	DIVISION 12- FURNISHINGS							
	DIVISION 13- SPECIAL CONSTRUCTION							
	DIVISION 14- CONVEYING EQUIPMENT							
	DIVISION 22 - PLUMBING							
22 01 00	General Plumbing		See Mech	\$0.00			\$0.00	
	DIVISION 23- HVAC							
23 34 00	HVAC		25	\$0.00			\$0.00	
23 34 01	HVAC-Wet side			\$0.00			\$0.00	
	DIVISION 25, 26, 33- Electrical							
25 50 00	Electrical Power Distribution			\$0.00			\$0.00	See Electrical
	DIVISION 27- COMMUNICATIONS							

Odor Control

PROJECT: Payson 100%

TOTAL: \$922,508.08

[illegible]

	Payson WWTP Upgrades Equipment and Subcontractor Bids	Highlighted in the quote			Package 6	Package 7	Package 7 100%	
	Spec Section	Description	Local Representative	Vendor	Price	Price	Price	
	33 05 01.01 Welded Steel Pipe	NONE						
	33 05 01.02 DIP	C&B Piping	N/A		\$ 1,277,000.00	\$ 1,434,000.00	\$ 2,051,195.00	
	33 05 01.09-12 &12.01 PVC C900/Storm	PVC C900/Storm Drain/Sewer	Ferguson			\$ 646,000.00	\$ 953,700.00	
			HD Fowler			No Bid		
			Mountainland			No Bid		
	33 05 13 Precast Manholes & Structures	Precast Manholes & Structures	Geneva Pipe			\$ 145,000.00	\$ 145,000.00	
	33 12 13/19 Water Service Connections	Water Service Connections and Hydrants (Incl boxes & accessories)	Ferguson		\$ 450.00	\$ 39,300.00	\$ 46,450.00	
			HD Fowler		No Bid	No Bid		
			Mountainland		No Bid	No Bid		
	33 05 02	Fabricated Slide Gates	Coombs Hopkins	Whipps	\$382,280.00			
			W-Cubed	Hydro Gate	\$396,251.00			
			Goble Sampson	Golden Harvest	\$383,675.00			
			Rocky Mountain Valve	Orbinox	\$861,108.00			
	Division 13 - Special Construction							
	13 20 10	Bolted Steel Water Sotrage Tanks	Goble Sampson	Tank Connect		\$233,349.00	\$415,462.00	
			Coombs Hopkins	CST		\$291,080.00		
	Division 14 - Conveying System							
	14 61 00	Trolley Hoists	HOJ	HOJ	\$99,650.00			
			American Equipment	American Equipment	\$31,962.00			
	14 65 00	Overhead Crane	HOJ	HOJ		\$527,750.00	\$527,750.00	
			American Equipment	American Equipment		\$500,923.00	\$500,923.00	
			OCleng	OCleng		\$286,785.00	\$281,245.00	
	14 69 00	Davit Cranes	OCleng	OCleng	\$8,540.00	\$38,490.00	\$38,490.00	
			CH Spencer	CH Spencer		\$111,626.00	\$111,626.00	
	40 05 15 Pipe Supports	Pipe Supports	Tri Star		\$9,500.00	\$182,500.00	\$182,500.00	
	40 27 00.10-12	PVC /CPVC Pipe	Harrington Plastics			\$40,000.00	\$40,000.00	
			Ferguson			\$5,000.00	\$5,000.00	(Incomplete Scope)
	40 27 02 Process Valves and Operators	Valve Package Complete	Ferguson	Pratt/Mueller	\$956,693.00			
			HD Fowler	Dezurick	\$1,005,000.00			
			Rocky Mountain Valve	Valmatic	\$585,000.00	(Incomplete scope)	(Incomplete scope)	

	Division 44- Equipment						
	44 09 01	Automatic Samplers	Hach	Hach		\$26,654.26	\$26,988.38
	44 10 05	Vertical Turbine Pumps	Delco Western	Flowserve		\$168,900.00	\$176,100.00
			Nickerson	National		\$266,670.00	\$239,140.00
			Flow Tech	Simflo			\$273,000.00
			CH Spencer	Goulds			awaiting price breakout
	44 10 07	Vertical Turbine Inline Booster Pumps Skid	Tech-Flow	Grundfos		\$106,962.73	\$110,400.00
			Delco Western	Tiger		\$162,000.00	\$192,100.00
							Suggested Option
	44 11 01	Submersible Non-Clog Pumps	W- Cubed	KSB		\$173,146.00	\$369,866.00
		Influent and Plant Drain PS	Davidson	Sulzer		\$178,746.00	\$180,846.00
			Xylem	Flyght		\$406,932.00	\$292,529.00
			Delco Western	Flowserve		\$504,600.00	
			AH2O Brooks Proch	Wilo		\$273,898.32	\$333,414.00
	44 11 04	Horizontal Screw Centrifugal Pumps	Misco Water	Hayward Gordan		\$95,550.00	\$155,260.00
			W-Cubed	Wemco		\$84,527.00	\$84,527.00
			Goble Sampson	Vaughan		\$168,370.00	
			Davidson	Hidrostal		\$176,133.00	
	44 11 19	Odor Control Centrifugal Fans	See Odor Contro Package				
	44 11 80	Chopper Pumps	Misco Water	Hayward Gordan	\$62,180.00		
			Goble Sampson	Vaughn	\$75,170.00		
			Xylem	Flyght	\$24,935.65		Does not meet spec
	44 11 90	Submersible Horizontal Propeller Pump	AH2O	Wilo	\$114,555.32		
			W-Cubed	KSB	\$85,400.00		
			Xylem	Flyght	\$117,647.00		
	44 12 15	Reciprocation Positive Displacement Pumps	Goble Sampson	Penn Valley		\$128,790.00	\$142,760.00
	44 14 06	Solenoid Metering Pump Skids	Waterford	Grundfos		\$56,712.00	\$58,712.00
			Davidson	ProMinent		\$55,176.00	\$63,515.00
	44 31 21	Biofiltration Odor Control System	Perry Fiberglass	Perry Fiber Glass		\$418,000.00	\$409,000.00
	44 75 81	Shaftless Conveyors and Sludge Loadout Sytem	Goble Sampson	JDV Equipment		\$298,220.00	\$298,220.00
			Coombs Hopkins	Custom Conveyor		\$505,650.00	
	44 81 01	High Density Polyethylene Tanks	Misco Water	Poloy Processing		\$63,850.00	\$65,875.00
			Goble Sampsonn	Assmann Corp		\$31,310.00	\$72,248.00
			Tank Equipment	Tank Equipment		\$69,323.00	
	44 85 01	Submersible Mixers	AH2O	Wilo	\$94,744.71		
			W-Cubed	KSB	\$89,058.00		
			Xylem	Flyght	\$239,072.08		
			Davidson	Sulzer	\$65,307.00		Priced after bid date, vendor changed reps during bid process

	SUBCONTRACTOR BIDS						
	Division 2 - Existin Conditions						
	02 41 00	Demolition	Grant Mackay	Grant Mackay	\$125,888.00	\$125,888.00	
	Division 3 Conctete						
	03 20 00	Reinforcement Steel	Rocky Mountain Rebar		\$1,017,400.00	\$435,330.00	\$465,600.00 With Duct
			Champion		\$1,133,900.00	\$433,494.00	No Duct Bar (\$60k adder)
			CMC		\$1,055,050.00	\$378,919.00	No Duct Bar (\$60k adder)
			Nucor Harris			\$432,850.00	No Duct Bar (\$60k adder)
	03 30 00	Concrete	Jack Parson		\$186.00	\$186.00	Price per Cyd
	04 20 00	Masonry	Glasgow	Glasgow		\$790,405.00	\$873,848.00
			IMS			\$962,820.00	\$1,094,105.00
	05 31 00	Deck and Joist	Steel Encounters		\$121,615.02		
	05 50 00,05 10 00,05 53 00	Misc. Metals, Structure Steel, Grating	Magnuson Metals		\$629,109.00	\$677,854.00	\$774,606.00
		Fiberglass planks					
	05 52 10	Hand Rail	Golden	Golden		\$48.67	\$67.17 per lf
			Peak To Peak	Peak To Peak		\$40.58	per LF
	06 19 20	Pre-Fab Wood Trusses	Buton	Burton		\$66,334.48	
	07 11 00/07 19 00/07 90 00	Waterproof/Daqmproofing	GWC			\$44,214.00	\$49,223.00
	07 21 00/07 21 40	Building Insulation/Batt Insulation	USI	USI	\$2,545.00	\$33,985.00	\$35,285.00
	07 41 1	Membrane Roof System	Olsen	Olsen	\$42,500.00		
	07 41 11	Metal Roof Panels	Raymond Keller			\$250,580.00	\$261,350.00
	08 11 10	Metal Doors and Frames	Robert I Merrell		\$61,230.00	\$141,690.00	\$299,390.00
			Midwest				\$194,674.00 Looking at scope
			Beacon				\$280,257.00
	08 33 20	Overhead Coiling Doors	Miner- Overhead Door			\$122,879.53	\$140,284.00
	08 80 00	AluminumWindows	Olympus Glazing			\$14,045.00	\$15,350.00
	08 45 00	Skylights	Alder Sales		\$36,725.00		
	09 90 00	Painting and Coatings	Orion		\$184,904.00	\$495,235.00	\$495,235.00
	22 00 00	Plumbing	Salisbury			\$110,000.00	\$128,725.00
	23 33 33	HVAC	Team Mechanical		\$245,930.00	\$2,111,195.00	\$2,323,050.00
			MSS			\$1,927,749.00	
	26 00 00	Electrical	Silver Electric		\$1,408,310.00	\$8,997,023.00	\$10,170,749.00 Added in lighting protect and bond
	31 23 16	Earthwork 90%	Jones			\$1,916,605.00	\$1,956,577.74
	31 23 19	Dewatering	Jones			Early Work Package	Early Work Package

	32 12 16	AC Paving	Morgan			3.99/Sf	
			Kilgore				3.28/SF
			Bennett				3.37/SF

EARLY PROCUREMENT PAYMENTS AND STATUS

SUPPLIER	EQUIPMENT PACKAGE	PURCHASE ORDER AMOUNT	CHANGE ORDERS	TOTAL PURCHASE ORDER AMOUNT	PAYMENT 1	PAYMENT 2	PAYMENT 3	PAYMENT 4	TOTAL PAYMENTS REQUESTED	TOTAL RETENTION HELD	TOTAL PAID LESS RETENTION	AMOUNT REMAINING TO BILL	TOTAL AMOUNT REMAINING (INCLUDES RETENTION)
Huber	Step Screens	\$ 468,551.00	\$ 2,327.67	\$ 470,878.67	\$ 46,855.10	\$ 377,168.47			\$ 424,023.57	\$ 21,201.18	\$ 402,822.39	\$ 46,855.10	\$ 68,056.28
Huber	Sludge Presses	\$ 665,500.00		\$ 665,500.00	\$ 66,550.00	\$ 150,000.00	\$ 382,400.00		\$ 598,950.00	\$ 29,947.50	\$ 569,002.50	\$ 66,550.00	\$ 96,497.50
WesTech	Clarifiers	\$ 885,189.00		\$ 885,189.00	\$ 221,297.25				\$ 221,297.25	\$ 11,064.86	\$ 210,232.39	\$ 663,891.75	\$ 674,956.61
WesTech	Disc Filters	\$ 819,080.00		\$ 819,080.00	\$ 204,770.00				\$ 204,770.00	\$ 10,238.50	\$ 194,531.50	\$ 614,310.00	\$ 624,548.50
Trojan	UV Disinfection	\$ 700,400.00		\$ 700,400.00					\$ -	\$ -	\$ -	\$ 700,400.00	\$ 700,400.00
Smith & Loveless	Grit Removal	\$ 600,526.00		\$ 600,526.00	\$ 60,052.60	\$ 150,131.50	\$ 390,341.90		\$ 600,526.00	\$ 30,026.30	\$ 570,499.70	\$ -	\$ 30,026.30
Evoqua	Ox Ditch	\$ 1,736,200.00	\$ 56,950.00	\$ 1,793,150.00	\$ 164,939.00				\$ 164,939.00	\$ 8,246.95	\$ 156,692.05	\$ 1,628,211.00	\$ 1,636,457.95
Silver Electric	Electrical Gear & Generator	\$ 1,600,791.95	\$ 1,662,968.53	\$ 3,263,760.48	\$ 224,373.05				\$ 224,373.05	\$ 11,218.65	\$ 213,154.40	\$ 3,039,387.43	\$ 3,050,606.08
				\$ 9,198,484.15					\$ 2,438,878.87	\$ 121,943.94	\$ 2,316,934.93	\$ 6,759,605.28	\$ 6,881,549.22

PACKAGE 7 EQUIPMENT PAYMENTS \$ 1,755,478.99



SILVER ELECTRIC

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UT LIC.# 9532021-5501

Date: 1-12-2024

Package 7 Electrical Bid Proposal – Payson WWTP

Package 7 Base Bid \$ 9,971,770.69

Breakdown by Area:

Note - Costs in **Red** indicate a change in value from the 90% bid to this 100% bid

General Site Work

This is for all work that does not happen within the footprint of a structure. This includes power feeds to buildings, control between buildings, control that is from one structure to another, utility work, and site lighting. This also includes a roughly 600' long utility feed to the north to pick up an existing transformer that will lose power during/after construction.

ORIGINAL GENERAL SITE	\$ 1,920,209.00
RE-BID GENERAL SITE	\$ 2,132,930.89

Summary of changes to 100% for site work

- Added Davis Bacon Wages
- Increase in Misc material costs
- **DB-10** Added conduit, concrete, and rebar to accommodate an additional 9ea 2" conduits, 1ea 1" conduit and 3ea ¾" conduit. Does not appear to be adding any additional copper conductors.
- **DB-14** Added conduit, concrete, and rebar to accommodate an additional 6ea 2" conduits, 3ea 1" conduit and 2ea ¾" conduit. Does not appear to be adding any additional copper conductors.
- **DB-15** Added conduit, concrete, and rebar to accommodate an additional 5ea 2" conduits, 2ea 1" conduit and 2ea ¾" conduit. Does not appear to be adding any additional copper conductors.
- **DB-27** Added conduit, concrete, and rebar to accommodate an additional 3ea 2" conduits, 1ea 1" conduit. Does not appear to be adding any additional copper conductors.

- **DB-28** Added conduit, concrete, and rebar to accommodate an additional 2ea 3" conduits, 1ea 1" conduit. Copper conductors appear to have captured in the previous proposal.
- **DB-30** Upsized feed to Chemical Building to 3" PVC and deleted 2ea 2" spares
- **DB-32** Added conduit, concrete, and rebar to accommodate an additional 3ea 2" conduits. Does not appear to be adding any additional copper conductors.
- **DB-37** Added conduit, concrete, and rebar to accommodate an additional 4ea 2" conduits. Added 1" conduits were captured in previous proposal. Does not appear to be adding any additional copper conductors.
- **DB-42** Added conduit, concrete, and rebar to accommodate an additional 2ea 2" conduits. Does not appear to be adding any additional copper conductors.
- **DB-43 and DB-44** There appears to have been some mix-up on the 90% with these two Ductbanks. Some sizes change but overall, there will be no cost adder for these changes.
- **DB-45 through DB-51** These ductbanks have re-arranged but appear to maintain a similar amount of conduit except for a few added spares. The routing to the odor control system is now a fair bit longer. Jet truck was relocated to be fed from the re-use building.
- Some site lighting has re-arranged locations but maintained the same count as the 90% design.
- Ductbanks **DB-54 through DB-58** have been added to the schedule but mainly clarify the routing of conduits already accounted for.

Electrical Building

This is for work within the footprint of the electrical building. This would include lighting, panel to panel, setting and termination of equipment, electrical under slab and trench work.

ORIGINAL ELECTRICAL BUILDING AND GENSET MISC. ELECTRICAL	\$ 251,813.00
ORIGINAL ELECTRICAL EQUIPMENT PACKAGE COST	\$ 1,068,253.00
RE-BID ELECTRICAL BUILDING AND GENSET MISC. ELECTRICAL	\$ 327,450.37
GENERATOR PACKAGE COST	\$ 694,189.00
RE-BID ELECTRICAL EQUIPMENT PACKAGE COST	\$ 1,074,587.00

Summary of changes to 100% for Electrical Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Added missing cost for pre-purchased ATS
- Added disconnects for HVAC units
- Added provisions for the following signal to the Oxidation ditch:
 - AIT-21104/AE21104
 - DSW-21106
 - DSW-21101

- DSW-21102
- DSW-21103
- DSW-21104
- DSW-21105
- DSW-21106
- DSW-21107
- DSW-21108
- DSW-21109
- Handful of additional interconnect signals routing between the equipment within the electrical building

Headworks Building

The Headworks building includes all work within the headworks building itself, plus the Odor control, Grit system, and Influent Pump Station. The tray was removed from this electrical room but the electrical trench will still be needed. Majority of this area is classified and provision for that are included.

(Headworks Continued)

ORIGINAL HEADWORKS-ODOR CONTROL-INFLUENT PS	\$ 416,102.00
ORIGINAL ELECTRICAL EQUIPMENT PACKAGE COST	\$ 202,960.00
RE-BID HEADWORKS-ODOR CONTROL-INFLUENT PS	\$ 544,492.86
ELECTRICAL EQUIPMENT PACKAGE COST	\$ 209,294.20

Summary of changes to 100% for Headworks Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Added missing cost for pre-purchased ATS
- Adjustments to layout and requirements to accommodate the Screens
- Adjustment to signals and routing for the Grit system
- Gas detection and ventilation failure control panels
- Accommodations for occupancy detection for HVAC system
- Added floats for Influent Pumps
- Added misc. items such as receptacles, Lighting Switches, and additional lighting/exit signs
- Added disconnects for HVAC unit

Digester Building (Sludge Holding)

This is the work remaining after the removal of the Blower building from the design. This includes the reworking on the equipment in the existing digester building and bringing the existing equipment to the point that it can accommodate a future Blower building.

ORIGINAL DIGESTER BUILDING (SLUDGE HOLDING/BLOWER)	\$ 68,586.00
DIGESTER BUILDING (SLUDGE HOLDING/BLOWER)	\$ 78,697.57

Summary of changes to 100% for Digester Building

- Added Davis Bacon Wages
- Increase in Misc material costs

UV Disinfection Building

The UV building will be constructed on top of the existing chlorine contact basin. Electrical provisions have been included to help facilitate the temporary bypass of the basin to allow operation of the plant while the new UV structure is constructed. Work within the UV is mainly utilizing cable tray routing both above and below the UV's.

ORIGINAL UV DISINFECTION	\$ 279,045.00
ORIGINAL EQUIPMENT PACKAGE COST	\$ 169,478.00
RE-BID UV DISINFECTION	\$ 358,579.55
ELECTRICAL EQUIPMENT PACKAGE COST	\$ 175,812.20

Summary of changes to 100% for UV Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Added missing cost for pre-purchased ATS
- Added receptacles and made changes to lighting
- Added LCS for 42200 and 42300
- PIT-42102 added

Chemical Building

The Chemical building is a rework of an existing building. There will be both new equipment added as well as refurbishing existing lighting and equipment.

ORIGINAL CHEMICAL BUILDING ELECTRICAL	\$ 64,640.00
RE-BID CHEMICAL BUILDING ELECTRICAL	\$ 71,803.87
CHEMICAL ATS EQUIPMENT COST	\$ 10,250.00

Summary of changes to 100% for Chemical Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Added missing cost for pre-purchased ATS

- Other changes from 90% to 100% will be accommodated at no additional cost

RAS/WAS Building

The RAS/WAS building is a new structure and is mainly just provisions for the pumping of sludge. The electrical room will not have a ladder tray, only an electrical trench under the MCC. Like many other buildings, the lighting of the process area will be wall mounted.

ORIGINAL RAS/WAS ELECTRICAL INSTALLTION	\$ 291,650.00
ELECTRICAL EQUIPMENT PACKAGE COST	\$ 273,625.00
RE-BID RAS/WAS ELECTRICAL INSTALLTION	\$ 384,549.83
ELECTRICAL EQUIPMENT PACKAGE COST	\$ 279,959.20

Summary of changes to 100% for RAS/WAS Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Added missing cost for pre-purchased ATS
- Ventilation failure indication panels
- VFD panel for EF-01
- Accommodations for occupancy detection for HVAC system
- Added disconnects for HVAC units (Condenser, PPU)
- Added misc. items such as receptacles and additional lighting/exit signs
- Adjustments to panel schedule and circuit routing
- Additional signals from Clarifiers
- Pressure Switches added to WAS lines

Dewatering Building

The Dewatering building is mainly provisions to support vendor equipment (screw presses and conveyors). This is a new building and will again have wall mounted fixtures in the process areas. A cable tray will not be provided in the electrical room but an electrical trench will be needed under the MCC.

ORIGINAL DEWATERING	\$ 184,880.00
ORIGINAL ELECTRICAL EQUIPMENT PACKAGE COST	\$ 166,135.00
RE-BID DEWATERING	\$ 279,964.73
ELECTRICAL EQUIPMENT PACKAGE COST	\$ 172,469.20

Summary of changes to 100% for Dewatering Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Added missing cost for pre-purchased ATS
- Ventilation failure indication panels
- Accommodations for occupancy detection for HVAC system
- Added disconnects for HVAC units (Condenser, PPU)
- VFD panel for EF-01
- Added misc. items such as receptacles, Lighting Switches, and additional lighting
- Adjustments to panel schedule and circuit routing
- Added signals from Screw Presses and Lodar Equipment Skids.

Re-use water pump station

Existing building that gets modified. A new MCC will be placed in the corner above the wet well. A cable tray will be needed above the MCC and routing along the West, South, and East walls. A new utility feed will be provided and is included in this section, not the general site. Also provided is a new ATS that will have provisions for Generator connection.

ORIGINAL REUSE	\$ 126,687.00
ORIGINAL ELECTRICAL EQUIPMENT PACKAGE COST	\$ 165,535.00
RE-BID REUSE	\$ 191,342.22
RE-BID ELECTRICAL EQUIPMENT PACKAGE COST	\$ 175,535.00

Summary of changes to 100% for Dewatering Building

- Added Davis Bacon Wages
- Increase in Misc material costs
- Major changes to layout of the electrical equipment and routing
- Added PIT-52102
- Added LCS-RB-EF-1 control panel

PLC's, Instrumentation, Integration, and Programing (by SKM)

This is the package 7 Re-bid pricing from SKM with tax and a 10% overhead and 5% profit mark-up.

ORIGINAL PLC'S, INSTRUMENTATION, INTEGRATION	\$ 1,552,466.00
RE-BID TOTAL FOR PLC'S, INSTRUMENTATION, INTEGRATION	\$ 1,649,731.00

Project General Costs and packages

These costs are those that are not associated with a specific system or structure, but apply to the project as a whole. Examples would be project management and coordination with pre-purchased vendor packages, onsite trailers, onsite and offsite storage of materials, 3rd party acceptance testing, Coordination and Arc fault studies, shipping and insurance of pre-purchased electrical equipment.

ORIGNIAL PROJECT GENERAL CONDITIONS, 32 MONTHS	\$ 1,100,770.00
RE-BID PROJECT GENERAL CONDITIONS, 32 MONTHS	\$ 1,160,102.00

Summary of changes to 100% for General Overhead

- Cost of Davis Bacon tracking, coordinating, and reporting

Electrical total not including adders \$ 9,971,770.69

COST ADDERS:

32-Month Performance and Payment bond estimate	\$ 162,000.00
Lightning protection for Headworks	\$ 20,000.00
Lightning protection for Electrical Building	\$ 15,000.00
Lightning Protection for RAS/WAS Building	\$ 15,000.00
Lightning Protection for UV Building	\$ 15,000.00
Lightning Protection for Dewatering Building	\$ 15,000.00

Inclusions

- a. Two addendums have been incorporated into this proposal
- b. Site Ductbank to be concrete encased except for medium voltage conduits
- c. Testing
- d. Grounding as specified
- e. VFD cable for all motors on VFD starters
- f. Aluminum rigid for all exposed rigid conduit
- g. Accommodation for classified areas including brass flex and specialty aluminum fittings where required by area classification
- h. Lighting per specifications and layout notes
- i. Cost and scope based on 90% design drawings. We maintain the right to adjust pricing based on any changes to scope in the 100% drawings.
- j. Concrete for electrical duct banks
- k. Concrete Vaults for electrical ductbanks

- l. Instrumentation and Integration by SKM
- m. Setting of Generator
- n. Dollar amount for pre-purchased electrical equipment relating to package 7 areas is included in this cost proposal

Exclusions

- a. Rebar for Electrical Ductbanks
(See page 5)
- b. All grouting
- c. Landscaping, curb replacement, road repair - including the Demolition and Removal from site of demolished debris of such items for electrical duct banks
- d. Supply and field testing of motors, blowers, exhaust fans
- e. HVAC equipment
- f. Conduit for HVAC and controls for HVAC not shown specifically on electrical drawings
- g. Geotech and soil testing
- h. Site survey
- i. Equipment to set large Electrical Concrete Vaults
- j. Providing, Forming, and placing concrete for Electrical equipment housekeeping pads
- k. Generator pad, transformer pads, concrete equipment bollards
- l. Generator fuel
- m. Misc metals, including electrical trenches
- n. Medium Voltage equipment, conductors, and termination by City Power Company
- o. Any work associate with the areas described in Package 6 that fall inside the building footprints. This work was picked up in package 6 proposal.
- p. Backfill for underslab work, including where flowfill is required due to electrical underslab work

Electrical Ductbank estimates

Name	Length	Ductbank Size W x H	REBAR CAGE?
DB1	10	30X30	YES
DB2	15	24X12	NO
DB3	270	24X12	NO
DB4	580	24X12	NO
DB5	10	24X12	NO
DB6	15	24X12	NO
DB7	340	24X12	NO
DB8	75	24X12	YES
DB9	50	30X30	YES
DB10	60	60X36	YES
DB11	50	30X24	YES
DB12	PACKAGE 6		
DB13	PACKAGE 6		
DB14	20	48X36	YES
DB15	30	48X36	YES
DB16	5	24X12	YES
DB17	20	24X12	YES
DB18	PACKAGE 6		
DB19	PACKAGE 6		
DB20	50	36X24	YES
DB21	5	36X24	YES
DB22	20	36X24	YES
DB23	PACKAGE 6		
DB24	PACKAGE 6		
DB25	300	24X12	YES
DB26	15	24X12	YES
DB27	40	48X36	YES
DB28	10	24X12	YES
DB29	70	24X12	YES

Name	Length	Ductbank Size W x H	REBAR CAGE?
DB30	160	30X12	YES
DB31	10	24X12	YES
DB32	70	24X12	YES
DB33	90	24X12	YES
DB34	80	60X36	YES
DB35	75	24X18	YES
DB36	65	30X18	YES
DB37	20	30X18	YES
DB38	10	24X12	YES
DB39	10	24X12	YES
DB40	30	24X12	YES
DB41	60	24X12	YES
DB42	45	24X12	YES
DB43	100	12X12	YES
DB44	35	30X24	YES
DB45	45	30X24	YES
DB46	25	48X36	YES
DB47	25	30X24	YES
DB48	45	30X24	YES
DB49	160	30X24	YES
DB50	145	12X12	YES
DB51	40	24X12	YES
DB52	210	24X12	YES
DB53	10	24X12	YES
DB54	30	12X12	YES
DB55	15	24X12	YES
DB56	35	24X24	NO
DB57	35	12X12	YES
DB58	10	24X12	YES

Additional Cost to package 7 Re-bid

Davis Bacon Labor Requirements on just Package 7 - 90% bid	\$383,585.69
Misc material cost increases since July 2023	\$44,733.00
Automatic Transfer Switches that were selected to be pre-purchased but were not included in the 90% package bid (Re-Negotiated down from \$77k)	\$48,255.00

Below is the breakdown of the Electrical portion of the cost changes from 90% to 100% included in above the numbers. This does not include the cost of Davis Bacon requirements on the 90% (see above) or added cost from SKM. It includes just the added cost of the scope change between 90% and 100%.

Headworks	\$ 75,537.00
RAS/WAS	\$ 54,486.00
Chemical Area	\$ -
UV Building	\$ 36,900.00
Re-use	\$ 46,896.00
Dewatering Building	\$ 72,774.00
Electrical Building	\$ 42,589.00
Site Work	\$ 45,395.00
Total Electrical change	\$ 374,577.00