



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

DIVISON 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) 266-8866 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 | |
| DIVISION 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 |
| Project 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 Admistration | | \$0.00 | | | | \$0.00 | |
| 01044 | Advertisement | | \$0.00 | | | \$5,000.00 | \$5,000.00 | |
| 01 20 00 | Meaurement 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 | |
| 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 Pocedures | | \$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 | |

Overhead

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

| SPEC | PHASE DESCRIPTION | DESCRIPTION | LABOR | MAT'L | EQUIP | SUB | TOTAL | SUPPLIER/SUB NAME |
|---------------------------------|-------------------------------------|----------------|----------------|--------------|--------------|--------------|----------------|-------------------|
| 01645 | Interdepartment Rental | 15 15000 | \$0.00 | | \$225,000.00 | | \$225,000.00 | |
| 01646 | Crannage | 15 17500 | \$0.00 | | \$262,500.00 | | \$262,500.00 | \$697,500.00 |
| 01650 | Starting Of Systems/Commissioning | | \$52,000.00 | \$25,000.00 | \$20,000.00 | \$20,000.00 | \$117,000.00 | |
| 01672 | Training | | \$0.00 | | | | \$0.00 | |
| 01700 | Contract Closeout | | \$24,320.00 | \$1,750.00 | | | \$26,070.00 | |
| 01701 | Punchlist | | \$26,220.00 | \$5,000.00 | | | \$31,220.00 | |
| 01710 | Final Cleaning | | \$12,920.00 | \$1,250.00 | | | \$14,170.00 | |
| 01710 | Equipment Tagging | | \$12,920.00 | \$5,000.00 | | | \$17,920.00 | |
| 01720 | Project Record Documents | | \$0.00 | | | | \$0.00 | |
| 01730 | Operating & Maintenance Manuals | | \$1,520.00 | \$5,000.00 | | | \$6,520.00 | |
| 01740 | Warranties and Bonds | | \$0.00 | | | | \$0.00 | |
| 01750 | Spare Parts & Maintenance Materials | | \$0.00 | | | | \$0.00 | |
| 01810 | Equipment Maintenance | | \$5,000.00 | \$5,000.00 | | | \$10,000.00 | |
| 01820 | Small Tools Maintenance | | \$7,600.00 | \$2,500.00 | | | \$10,100.00 | |
| | | SUBTOTALS | \$1,345,862.00 | \$388,900.00 | \$934,000.00 | \$314,600.00 | \$2,983,362.00 | \$2,983,362.00 |
| TOTAL MANHOURS | | | | | | | | |
| | | 24,018 | | | | | | 12 |
| AVERAGE COST/MANHOUR | | | | | | | | |
| | | \$56.04 | | | | | | |
| TOTAL LABOR | | | | | | | | |
| | | \$1,345,862.00 | | | | | | |
| PAYROLL TAXES, INSURANCE | | | | | | | | |
| | | \$471,051.70 | | | | | | \$574,899.35 |
| MATERIAL | | | | | | | | |
| | | \$388,900.00 | | | | | | |
| MATERIAL SALES TAX | | | | | | | | |
| | | \$30,528.65 | | | \$103,847.65 | | \$574,899.35 | |
| EQUIPMENT | | | | | | | | |
| | | \$934,000.00 | | | | | | |
| EQUIPMENT SALES TAX | | | | | | | | |
| | | \$73,319.00 | | | | | | |
| SUBCONTRACTS | | | | | | | | |
| | | \$314,600.00 | | | | | | |
| SUBTOTAL | | | | | | | | |
| | | \$3,558,261.35 | 0.184619897 | \$0.15 | | | | |

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 Builidng | | | | | | | |
| 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 | 20 | \$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 | 20 | \$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 |

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-SITWORK | | | | | | | |
| | 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/MANHOUR | \$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 | \$39,962.00 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 | | | | | | | | |

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 | \$104,527.50 | \$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 | Bithuminous 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 Decortive 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 | | | | | | | |

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 |
| 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 | | \$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 |
| 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 | | | | | | | |

| 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 | 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 | | \$0.00 | \$0.00 | | | \$0.00 | |
| 05 30 00 | Steel Deck RAS | | \$0.00 | \$0.00 | | | \$0.00 | |
| 05 12 00 | Structural Steel | | \$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 Fabrication | | \$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 | | | | | | | |

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 | |

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-SITWORK | | | | | | | |
| | 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 | | | | | | | |

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-SITWORK | | | | | | | |
| | 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 |

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 |

| 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 \$8,112.78 | | | | | | | | | |
| EQUIPMENT \$0.00 \$2,008.08 | | | | | | | | | |
| EQUIPMENT SALES TAX \$0.00 | | | | | | | | | |
| SUBCONTRACTS \$10,213,740.69 | | | | | | | | | |
| SUBTOTAL \$10,264,876.07 | | | | | | | | | |

Odor Control

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

| 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 | 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 | | | | | | | |

| 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 | Grif 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 | \$ 66,950.00 | \$ 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 Proqraming (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 |