



# TECHNICAL MEMORANDUM

TO: Chad Reed, TDPUD  
FROM: DOWL  
DATE: 8/14/2025  
PROJECT: Capital Improvement Plan Development 2025

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## 1.0 BACKGROUND

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The Truckee Donner Public Utility District (District) completed an updated water system Capital Improvement Plan (CIP) in 2020 that focused on water storage during power outages, project cost estimation, and project prioritization and schedule. The purpose of this study is to update the infrastructure needs of the District as they relate to useful life, condition, criticality, and potential to optimize operations for time of use savings.

The 2020 CIP update was used by the District for financial planning; however, economic conditions resulting from the COVID 19 pandemic inflated project costs which limited the quantity of projects the District was able to complete between 2021 and 2025. The District is preparing to complete a utility rate adjustment in the fall of 2025, and an update to the CIP is required to prioritize current infrastructure needs based on realistic increases to rates and expected funding. In March of 2025, the District entered into an agreement with DOWL Engineering (DOWL) to prepare the District's 2026 Water Infrastructure CIP Development (Project) which will focus on the preparation of an updated 10-year Water Infrastructure CIP

## 2.0 PROJECT SUMMARY

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DOWL was directed by the District to develop a 10-year CIP beginning with projects in 2026. This 10-year CIP spans the timeframe of 2026-2035. The Project Scope of Work identified the following Project tasks:

1. Review Existing System Information.
2. Identify Existing Facilities Planned and Recommended for Rehabilitation and/or Replacement.
3. Review Regulatory Impacts.
4. Conduct Time of Use Electrical Rate Analysis.
5. Develop Cost Estimating Criteria.
6. Develop 10-year CIP.
7. Prepare CIP Report.

DOWL evaluated the Project tasks and closely coordinated with District staff to develop a complete list of CIP Projects based on the District's understanding of the condition and criticality of existing infrastructure. Based on discussion with District Staff, buildout demand projections are less than estimated in the 2012 Water System Master Plan due to construction of fewer developments overall and incorporation of water conservation elements into developments which are completed. Projects included in the 2026 CIP will therefore focus on maintenance and operational needs of existing District infrastructure and are expected to be rate funded.

The CIP is intended to be a tool for the District to understand and plan for critical facility improvements which will be used to develop utility rates allowing the District to proactively complete necessary system improvements. The CIP was developed using available data and input provided by the District. Future

CIPs may benefit from or require additional studies or investigations if more granular analysis is required for a given project or need.

## 3.0 REGULATORY IMPACTS

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To consider potential regulatory impacts related to the District's system facilities rehabilitation and replacement within the next 10 years, a review of current and proposed water, air quality, and electrical regulations was conducted. Regulatory changes with the potential to impact the District's water utility system fall under local, state, and federal regimes. Regulatory agencies and relevant associations consulted and researched include the State Water Resource Control Board (SWRCB), Division of Drinking Water (DDW), the California Special Districts Association (CSDA), the Association of California Water Agencies (ACWA), the California Air Resources Control Board (CARB), the Northern Sierra Air Quality Management District (NSAQMD), the California Legislature, and the United States Environmental Protection Agency (US EPA). No Agency would provide certainty of any regulatory mandates and when they would be implemented over the next 10-years, but certain parameters were discussed and identified in the following sections. The District should routinely monitor all regulatory agencies for proposed changes. A summary of all identified current and proposed regulatory impacts is included in Appendix A.

### 3.1 LOCAL WATER REGULATIONS

Local regulations currently impacting the District's water system infrastructure include requirements of the Truckee Sanitary District (TSD) and the Tahoe-Truckee Sanitation Agency (T-TSA). TSD is responsible for wastewater collection throughout the Truckee area. The wastewater is sent to T-TSA facilities for wastewater treatment and eventual discharge into the Martis Valley Aquifer. TSD is one of five member agencies of the T-TSA, which protect the water quality of Lake Tahoe and the Truckee River under the Porter Cologne Act.

The Truckee River Operating Agreement (TROA) governs how surface water is stored, released, and accounted for in the basin, and TROA imposes detailed accounting, environmental flow requirements, and potential drought-year curtailment requirements. The District owns surface water rights, governed by TROA requirements, but does not currently exercise their rights to use surface water. Therefore, TROA is currently not of great concern to the District. If the District intends to use surface water rights in the future, TROA requirements will need to be understood and followed to ensure compliance.

The District is permitted to discharge drinking water to the Town storm drain system under the California Statewide General NPDES (National Pollutant Discharge Elimination System) Permit for Drinking Water System Discharges. Occasionally, the District conducts water main flushing discharge into the sewer system through agreements with TSD and T-TSA. This activity typically occurs only during water main construction projects, and a permit is required from both TSD and T-TSA for temporary discharges into the sewer system. The District should continue to obtain a Permit for Temporary Discharge into TSD facilities for each applicable construction project to allow flushing of water mains into the sanitary sewer.

### 3.2 STATE WATER REGULATIONS

State-level regulatory requirements applicable to this CIP include the Urban Water Management Planning Act, Making Conservation a California Way of Life (SB 606/AB 1668), Sustainable Groundwater

Management Act (SGMA), and a range of water quality and efficiency regulations overseen by the State Water Resources Control Board (SWRCB) and California Department of Water Resources (DWR).

The most relevant regulation to near-term CIP priorities is Making Conservation a California Way of Life, which establishes a phased framework for water efficiency performance standards. These include indoor and outdoor residential water use targets, dedicated landscape metering, and distribution system water loss performance objectives. While initial reporting requirements began in late 2023, full compliance with volumetric water loss standards and infrastructure efficiency measures is required starting in 2027, with system-wide implementation expected through 2036 and beyond. Capital improvements that enhance leak detection, pressure management, and pipeline replacement will be key to meeting these requirements.

The District is also subject to the Urban Water Management Planning Act, which requires submission of an updated Urban Water Management Plan (UWMP) every five years. The UWMP must include a Water Shortage Contingency Plan, drought risk assessments, and five-year drought planning scenarios. The most recently adopted UWMP is the 2020 Urban Water Management Plan which was adopted by the District June 2, 2021, and District staff is currently preparing the 2025 UWMP update.

The District holds surface water rights (McGlashen, Southside, Tonini, Shepherder, and Hofert Springs) regulated by the SWRCB Division of Water Rights. Although these sources are not currently in use, minimum reporting and maintenance of permits and statements are necessary to retain them. Future use would require review of applicable regulations, including the Surface Water Treatment Rule and Water Code provisions.

Though the Sustainable Groundwater Management Act (SGMA) and Integrated Regional Water Management (IRWM) requirements are not currently applicable to the District, these regulatory frameworks are actively evolving and should continue to be monitored for future applicability.

In addition, stormwater discharges into the Truckee River basin are regulated under the National Pollutant Discharge Elimination System (NPDES) program. The Truckee-Donner area is subject to Region 6 Lahontan NPDES Municipal Permit and the District should maintain best practices in stormwater protection to ensure compliance.

Emerging and ongoing water quality regulations may require future treatment or infrastructure upgrades. These should be tracked through SWRCB updates to ensure readiness and eligibility for state and federal funding.

### 3.3 FEDERAL WATER REGULATIONS

At the federal level, the primary regulations for drinking water quality are the Safe Drinking Water Act (SDWA) and its associated Maximum Contaminant Levels (MCLs), treatment techniques, and monitoring requirements. The U.S. Environmental Protection Agency (EPA) periodically updates MCLs, and California often adopts more stringent state-level standards administered by the SWRCB.

While there are currently no planned federal changes to arsenic MCLs, the EPA is advancing regulatory actions on emerging contaminants per- and polyfluoroalkyl substances (PFAS), with proposed national primary drinking water standards anticipated to be finalized in 2025. Other constituents, including chromium-6 and perchlorate, remain under study for potential new limits. The District is encouraged to monitor these federal limits that may require future local treatment upgrades.

Additionally, the EPA maintains lead and copper rule improvements (LCRI) requiring ongoing monitoring and potential service line replacements. Though lead is not currently identified as a major issue for the District, continued compliance with sampling requirements and documentation is essential.

Other federal changes to drinking water standards remain under review, with no final federal MCL changes currently scheduled for implementation. The District should continue any monitoring programs and maintain compliance with both state and federal testing requirements.

For federal regulation updates, visit the EPA website.

## 3.4 ELECTRICAL REGULATIONS

Electrical regulation research focused on potential power supply outage requirements and regulations governing the use of emergency power generators which support the utility system. Electric utilities in Northern California and Northern Nevada have developed policies to implement Public Safety Power Shutoffs (PSPS) in extreme fire-risk situations. Particular environmental conditions, such as strong wind events, high temperatures, and low humidity, warrant the de-energization of power lines and equipment to prevent destructive and deadly wildfires. Public Safety Outage Management (PSOM) is the NV Energy specific program to shut off power during extreme fire events.

The District operates its own local electric utility that procures its energy from a variety of sources and multiple contracts with overlapping durations. To procure energy, the District negotiates with multiple transmission system operators including PacificCorp and NV Energy. While the District works with multiple transmission providers including PacificCorp and NV Energy, the final delivery of transmission into Truckee is through infrastructure operated by NV Energy at voltages ranging from 14.4 to 120 kV. Additionally, the Water department takes energy services from Liberty Utilities in a few locations outside the District electric service territory. Liberty Utilities is similarly dependent on transmission service from NV Energy, and therefore subject to similar constraints including potential disruptions to power delivery from PSPS, PSOM, or any other unplanned or planned outage. In these events, the District may lose power to large sections of the customer base at a time that greatly impact day-to-day business in Truckee. Related to regulatory compliance as an electric utility, the District is subject to many laws around how the electric grid is built and operated, greenhouse gas emissions, and complying with the renewable portfolio standard under the jurisdiction of the California Independent System Operator (CAISO), California Public Utilities Commission (CPUC), California Energy Commission (CEC), California Air Resources Board (CARB), and more.

The 2020 CIP Report prepared for the District provided an analysis of the District water system performance during extended power outages. Since 2020, the District has added standby generators to key system facilities including the Martis Valley Well, Airport Well, Alder Creek Pump Station, Prosser Village Pump Station, and a 500 kW portable generator. The backup power for these facilities will enable the District to produce and convey more water during PSPS and PSOM events. The District should continue to monitor system demands and performance and add more generators, as necessary, if more system water is needed during outage events.

Some District owned portable generators require a permit to operate. The District should continue to maintain permits for portable generators. Air pollution standards for generators are regulated by the local air pollution district, in this case the NSAQMD. Natural gas or propane-fueled generators do not have air quality emissions restrictions. If the District uses diesel fueled generators during emergencies, there are currently no emissions restrictions. This includes generators used during a PSPS event.

However, if a diesel generator is used as a prime power source, strict emission regulations are imposed under CARB. California low sulfur (15 Parts Per Million) diesel fuel is required for all diesel generators. In addition, CARB regulations allow for the use of private and public back-up generators during PSPS, such as during high fire risk weather conditions. For more information on CARB regulations, visit the California Air Resources Board Website.

## 3.5 REGULATION DISCUSSION AND RECOMMENDATIONS

The primary regulatory concerns influencing this Capital Improvement Plan (CIP) include treatment requirements and water loss auditing and prevention.

Arsenic remains the water quality constituent of greatest concern for the District, with some potable wells requiring management to ensure arsenic levels remain below the MCL. The District operates the Glenshire Drive Well, Prosser Village Well, and Old Greenwood Well under a SWRCB approved blending permit, which reduces total arsenic levels in the distribution system. There are no planned changes to the arsenic MCL at the state or federal level currently.

However, emerging contaminants are under active regulatory review, particularly PFAS compounds, with both the EPA and SWRCB advancing MCL development. Other constituents, including chromium-6 and perchlorate, remain under study for potential new limits. The District is recommended to monitor emerging contaminants as part of its monitoring program, maintain awareness of new regulations, and plan for potential future treatment upgrades.

Water loss auditing and prevention remain high priorities for the District. Past projects have addressed metering and pipeline replacement to reduce leaks. Under Making Conservation a California Way of Life (SB 606/AB 1668), California has implemented new reporting requirements as of late 2023 and is phasing in enforceable water loss reduction standards between 2027 and 2036. The District should plan for continued investment in system metering, leak detection, pressure management, and prioritized pipeline replacement to meet these evolving requirements.

## 4.0 ELECTRICAL TIME OF USE ANALYSIS

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### 4.1 BACKGROUND

The District provides both water and power utilities and offers a program available to residential customers for time-of-use (TOU) electricity rates. TOU rates are intended to incentivize customers to use energy during “off-peak” hours by providing a lower electricity rate when energy is less expensive to procure, while applying a higher rate during the designated peak hours. Peak energy usage has been identified as occurring between 4pm and 9pm every day, making the energy consumed outside of this window eligible for the lower off-peak rate. Currently, the District is considering expanding the TOU Rate program to commercial customers, which could potentially affect the operational strategy of the water distribution system.

Electricity represents a major portion of the District’s water system operating expenses, and this analysis evaluated current water system storage to determine if pumping during off-peak hours can be scheduled to take advantage of lower-rate periods while maintaining sufficient water system storage for emergency use. The District directed Dowl to perform a high-level evaluation of system performance to

determine whether meaningful cost savings could be realized if power consumption by the water system was reduced or eliminated during peak TOU periods.

## 4.2 EVALUATION APPROACH

The TOU analysis focused on the difference between system demand and system storage during the five-hour TOU peak period. Dowl worked closely with District personnel to establish the approach and criteria used for the TOU evaluation. Ultimately, the District water system was organized into 13 individual evaluation sections which are displayed in Appendix B.

The District water system is complex due to the number of pressure zones, numerous tanks, location of wells in some (but not all) pressure zones, and extensive interconnections between pressure zones and tank sections. Each section was evaluated independently, assuming no pumping would occur during peak TOU periods except for hydropneumatic zones, to determine whether the usable tank storage volume is greater than the total section demand during the five-hour TOU peak period. The choice to evaluate each section individually was selected to simplify the evaluation to align with the scope of the project.

Since pumping into or between sections was excluded (except hydropneumatics zones) during the evaluation, the sections were separated at booster pump station locations. Gravity flow between sections via pressure reducing stations was included in the evaluation since this operation would be necessary to meet demands and occur without power use. By separating the system at booster pump stations, the analysis evaluated how demand can be met solely by available storage without replenishment by costly pumping. The analysis aimed to maintain 75% of tank capacity reserved for emergencies while meeting demand requirements for sections.

The District established the specific criteria listed below regarding water storage tanks for the TOU evaluation to ensure reliable system performance and public safety. A tank is deemed to have adequate storage if the demands did not cause water levels to drop below this 75% threshold during the evaluation period.

- Each tank is assumed to be full at the start of the TOU five-hour peak period.
- Each tank is required to recover its storage to 100% capacity each day.
- 25% of the capacity of each tank is available as usable storage to supply demand during peak TOU periods.
- 75% of the capacity of each tank must be maintained for fire and emergency storage and is not available for use to supply demand during peak TOU periods.

Maximum daily demand (MDD) data provided by the District for each zone was used to evaluate system demand. The analysis used MDD rather than average day demand (ADD) or winter day demand (WDD) for a more conservative assessment of the system performance. MDD represents the highest recorded total flow volume for a single day per zone in a given year. The TOU analysis focused on a five-hour peak period, so the MDD daily flow total value was divided by 24 hours to get a flowrate per hour for each zone which was used in the analysis. The hourly flow total calculated from the MDD is the average hourly maximum day demand (AHMDD). While this approach does not capture flow changes and peaking throughout each day, it provides a reasonable value for comparison for a high-level evaluation.

## 4.3 EVALUATION RESULTS AND RECOMMENDATIONS

The storage capacity assessment showed that, without pumping during the peak TOU period, the system's total tank volume generally satisfied AHMDD while maintaining the 75% emergency reserve target. Only three sections (Section 5, Section 9, and Section 11) fell slightly below the 75% reserve threshold, with the lowest reserve tank level observed at approximately 70%. A summary of all section performances is included in Appendix C.

Based on these findings, if TOU is implemented for commercial customers, it is recommended that the District proceed with updating its pumping schedules to prioritize pumping during off-peak periods. Existing storage capacity is sufficient, in most cases, to meet demand during higher-rate peak TOU periods, allowing the District to take advantage of a change to the electricity rate structure. Section 5, Section 9, and Section 11 will require either pumping during peak TOU periods to prevent tank levels receding below 75% during the peak TOU period or the volume of the tanks would need to be increased.

A high level, simplified approach was used for this analysis. It is recommended that the District consider utilizing a detailed hydraulic model to support future planning under TOU specific conditions. A model simulation would provide better insight into hourly demand patterns, system peaking behavior, operational impacts of proposed pump changes, and specific cost savings. While the current analysis shows cost savings are likely with time-of-use pumping adjustments, more precise modeling would help the District confirm system flexibility under varied demand conditions and identify additional optimizations for cost savings or operational improvements.

## 5.0 CONSTRUCTION COST ESTIMATION

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### 5.1 BASIS OF COST

The preparation of the CIP costs includes the evaluation of multiple criteria to create prospective unit rates that can be utilized for budgeting both near term and long-term project costs. A detailed cost analysis of identified projects with specific and typical bid items was performed including using the following basis for cost estimating, shown in Table 1:

**Table 1: Basis for Cost Estimating**

| Cost Basis  | Inclusions  |
|---|---|
| *Note- All costs basis criteria are based on Q1-2025 data and no escalation is applied. |   |
| Labor   | Labor includes the wages, benefits, and taxes associated with separate trade classifications based on local prevailing wages obtained from CA Dept of Labor. Examples include laborer, equipment operator, and carpenter trades. Prevailing wage rates are used to determine hourly labor cost. |
| Equipment   | Equipment rates include the typical rental equipment rates for heavy equipment, as well as fuel consumption, wear parts, and routine maintenance and preventative care. These criteria are utilized to determine operated equipment hourly costs.   |
| Material Pricing  | Material pricing for pipe, valve, fittings, and accessories is provided from local wholesale and retail suppliers at the time of this report. Market and logistics volatility are potential issues and are addressed outside of the direct cost.  |

With this cost basis information, a detailed estimate for each scope of work was created using unit pricing based on local conditions and industry practice as well as lump sum and subcontractor unit pricing typical of the scope of work. The estimate includes all the costs of the work associated with a complete installation of all associate infrastructure. The detailed cost estimate was created in HCSS Heavy-Bid estimating software, and a copy of the detailed estimates are included in Appendix D. Standard percentages for mobilization, contingency, engineering, inspection, legal, and permitting were used. No land acquisition fees were assumed or included.

## 5.2 COST EVALUATION PROCESS

Budgets were prepared using the created opinions of probable construction costs shown in Appendix D. Where applicable, estimated cost was evaluated against recent unit price, however greater consideration was given to projected costs in the estimate. Due to the many factors that affect unit pricing as well as variations in bid tabs, the estimated unit price was used in establishing projected future costs. The estimated unit pricing was incorporated into major items that could be quantified. Allowances were incorporated into each project estimate to create a total project cost for each identified project, as well as create baseline estimates for projects that are similar in nature, such as tank coating, new storage tanks, pump stations, and pipeline budgeting.

Projects such as well and pump station projects and emergency generator projects are unique to the size of the pumps, flow rates, horsepower, and electrical demands in both average and peak flow conditions. These variations make generalizing project costs challenging to budget and the results inaccurate. For this reason, well pump, pump station, and emergency generator project costs utilize individual budgets based on anticipated size of the building, assumed flow rates, pump and motor sizing, and complimentary electrical and instrumentation equipment.

## 5.3 RECOMMENDATIONS

Budgetary cost estimates have been prepared and organized in Appendix D. While the direct cost, design, inspection, and contingencies have been included, additional project scope may be considered for critical infrastructure and would impact the budgetary costs. Contingency as well as tariff allowances have been included in the pricing for evaluation. As economic conditions can change and are unable to

be firmly identified into the future, it is recommended that these allowances and contingencies are evaluated at the time a project is budgeted, prepared, and bid to determine the potential impact.

## 6.0 10 YEAR CAPITAL IMPROVEMENT PLAN

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DOWL produced an updated 10-year CIP for the District spanning the years 2026-2035. The 2026 CIP is largely based on information from the 2021 CIP, input from the District, and analysis performed as part of the project scope. Projects included in the CIP were established from the following parameters:

- Incorporate priority projects as directed by the District.
- Exclude projects that are necessary to accommodate additional capacity to serve growth.
- If the general need for replacement or rehabilitation is known but specific facilities are not identified, use assumptions for generic facilities to schedule and price in the CIP.

Assumptions regarding project scope (for both specific and generic projects) were presented to and confirmed by the District. When evaluating the system during peak electric rate periods, the assumption was that the system goal is to maintain requisite emergency storage while meeting customer demand without requiring additional pumping. The evaluation determined that existing water system storage could allow for the District to minimize pumping during peak TOU events if a TOU electric rate structure was implemented for commercial customers. The updated CIP incorporates the District's preferences for adding projects, project prioritization, and project frequency.

### 6.1 PUMP STATIONS

Select pump stations have been identified and prioritized by the District for complete replacement based on several factors, including equipment age and condition, useful life, system criticality, and the results of recent facility evaluations conducted by the District. The District evaluation determined that, due to facility conditions, full replacement of pump stations was the optimal choice as opposed to pump station rehabilitations which replace only key components of pump stations. Complete replacement includes replacement of buildings, pumps and motors, associated piping, valving, generators, meters, telemetry, VFDs, PLC, and SCADA systems to improve efficiency. Pump and motor replacement is assumed to require the same number of pumps and total horsepower for the pump station.

Hydropneumatic pump station replacements were based on the skid mounted pump station example by R.F. MacDonald Company supplied by the District, as well as a permanent generator to ensure customer supply during a power outage event. Based on existing District generator inventory, it is assumed new generators will be Cummins brand and housed in a weatherproof enclosure not within a building.

Since 2020, the District has installed new generators to the Alder Creek and Airport booster pump sites and Prosser Village well. It is recommended that the District plan to install permanent generators or ensure the availability of portable generators at any new sites to maintain operations during power outages, including PSOM events.

Many of the District pump stations are considered to be in need of replacement. The 2026 CIP includes complete replacements of the pump stations listed below. To provide water during PSOM events, the projects include the installation of a permanent stand-by generator. The construction costs for the projects mentioned include specific individual budgets.

- 2026 – Martiswood Pump Station

- 2026 – Sitzmark Hydropneumatic Pump Station
- 2026 – Innsbruck Pump Station
- 2027 – Round Hill Hydropneumatic Pump Station
- 2027 - Alder Creek Pump Station
- 2028 – Northside Pump Station
- 2028 – West Palisades Hydropneumatic Pump Station
- 2031 – Pinnacle Hydropneumatic Pump Station
- 2031 – Pump Station TBD
- 2032 – Ski Lodge Pump Station
- 2033 – Pump Station TBD
- 2034 - Pump Station TBD
- 2034 - Pump Station TBD

## 6.2 STORAGE TANKS

The District's system currently has 34 active storage tanks which range in capacity from 100,000 gallons to 2,200,000 gallons. The average tank capacity is 400,000 gallons. The storage tank inventory excludes Prosser Lakeview, which is planned for demolition. Of the 34 tanks in the system, 24 were constructed prior to 1990.

While individual assessments were not performed as part of the scope for this technical memorandum, the District actively monitors tank conditions through ongoing inspection programs, including diving assessments and comprehensive evaluations conducted prior to major rehabilitation or replacement projects. Tank assessment information was used by District staff to determine which tanks should be replaced and rehabilitated in the 2026 CIP. It is recommended that this objective, proactive approach continue, with periodic evaluations used to adjust project timing and scope as necessary.

Generally, the District plans to replace older tanks and tanks located in the Tahoe Donner development. Newer tanks in good condition will be rehabilitated including both interior and exterior coating, as well as seismic retrofitting, and are generally planned for rehabilitation in pairs. The six tanks constructed between 1990 to 1999 are assumed to only need interior and exterior coatings. Storage tank rehabilitation can include internal and external coating replacement, various appurtenance maintenance, or structural and seismic upgrades to meet current seismic code. The two tanks constructed after 2000 are not included in the 10-year CIP. Tank rehabilitations included in the 2026 CIP are listed below.

- 2026 - Donner Trails (0.16 MG)
- 2027 - Sierra Meadows (0.25 MG)
- 2027 - The Strand 2 (0.32 MG)
- 2028 - Somerset 2 (0.21 MG)
- 2028 - Prosser Heights (0.21 MG)
- 2029 - Wolfe Estates (0.23 MG)
- 2033 - Prosser Annex (0.215 MG)
- 2033 - Gateway (0.45 MG)

Select tanks were chosen by the District to be replaced in the 2026 CIP. The size of the new tanks was determined by the District based on system water storage needs. New tanks will be welded steel with a concrete foundation ring and site work allowance and removal of the existing tank. New tanks are

anticipated to be located in approximately the same location as the smaller tanks being replaced. Tank replacements included in the 2026 CIP are listed below.

- 2028 - New Somerset 1 Tank (0.28 MG)
- 2029 - New Herringbone Tank (1 MG)
- 2030 - New Innsbruck Tank (1 MG)
- 2032 - New Strand 1 Tank (0.42 MG)
- 2035 - New Ski Lodge Tank (1 MG)

## 6.3 WELLS

The District currently has fourteen total wells, two of which are exclusively non-potable. The District actively tracks and assesses the condition and rehabilitation schedule of all wells, considering factors such as useful life, production levels, and drawdown trends. Well replacement and maintenance work is prioritized by the District based on performance and assessment data. It is recommended that this objective, proactive approach continue, with periodic evaluations used to adjust project timing and scope as necessary.

Generator additions and rehabilitation can vary from installing generators at critical facilities for emergency power to general maintenance. It is assumed new generators will be housed in a weatherproof enclosure, not within a building. Since 2020, the District has installed new generators to the Martis Valley Well and Airport Well and Prosser Village Well. It is recommended that the District plan to install permanent generators or ensure the availability of portable generators at any new sites to maintain operations during power outages, including PSOM events.

The District has identified complete replacement of the Airport Well site as a project in 2027. Full facility replacements include the pump, motor, and cable assembly as well as any above ground facilities including the building and sodium hypochlorite dosing system. The Airport Well's well bore and casing are not completely vertical and there is significant offset in the casing, limiting the size of a submersible pump and well capacity. Replacement of the Airport Well with a casing supporting a larger pump would eliminate the need for the deteriorating Airport tank. Another well is proposed for replacement in 2033, and the District will determine which specific well will be replaced at a later date.

A well rehabilitation is scheduled for 2031. Well rehabilitation can vary from pump and motor replacement to full above ground facility replacement. Specific sites are to be determined by the District as these projects approach.

## 6.4 PIPELINE REPLACEMENT

A condition assessment of existing pipeline infrastructure was not conducted for this study; however the District maintains detailed pipeline age and leak data and is in the process of integrating this information into its GIS system to easily identify problem areas.

The District evaluates multiple criteria when determining pipeline replacement priorities to ensure infrastructure investments are both strategic and effective. These considerations include the age of the pipe, the frequency and severity of past leaks, and any known material-related or installation-era deficiencies. Additionally, pipelines are assessed for potential upsizing to meet current and projected demand, and for their criticality within the overall water distribution network, particularly whether failure would significantly impact service reliability, fire protection, or key facilities. This data-driven

approach enables the District to target replacement efforts where they are most needed, rather than relying solely on age as a decision-making factor. As a result, the limited capital resources of the District are allocated efficiently, supporting the long-term resilience and reliability of the system.

The District currently accepts the installation of both PVC and ductile iron pipe. Table 2 compares the single bid item cost per linear foot between Ductile Iron and the District’s preferred PVC pipe. For planning purposes, replacement pipeline costs have been calculated for 4” through 12”, DR 14 Class 305 PVC C900 in residential neighborhoods with basic traffic control requirements and a fixed amount of service connections per linear foot of pipe.

**Table 2: Ductile Iron (DI) Pipe vs. DR 14 Class 305 C900 Cost Comparison**

| Description    | Unit | PVC Cost | % Increase for DI | Ductile Iron Cost |
|----------------|------|----------|-------------------|-------------------|
| 4” Water Main  | LF   | \$8.64   | 118%              | \$18.83           |
| 6” Water Main  | LF   | \$17.46  | 76%               | \$30.75           |
| 8” Water Main  | LF   | \$30.29  | 71%               | \$51.88           |
| 10” Water Main | LF   | \$44.57  | 42%               | \$63.12           |
| 12” Water Main | LF   | \$59.33  | 30%               | \$76.92           |

The District proposes to perform pipeline replacement projects yearly during the duration of the 2026 CIP. An annual target cost of \$1.9M 2026 dollars was selected by the District as the basis for the scope of the pipeline project work instead of length of pipe. The cost of pipeline projects was escalated yearly to reflect construction cost inflation. Table 3 provides all in construction costs per lineal foot of C900 PVC pipe replacement work.

**Table 3: All-In Average Cost for DR 14 C900 PVC Water Main Replacement**

| Description    | Cost per LF | Notes  |
|----------------|-------------|--|
| 4” Water Main  | \$611.19    | Includes mobilization, pipe material, water services, fire hydrants, system connections, rock excavation, AC pavement and base material, miscellaneous work, and contingencies |
| 6” Water Main  | \$693.57    |  |
| 8” Water Main  | \$714.28    |  |
| 10” Water Main | \$812.32    |  |
| 12” Water Main | \$823.72    |  |

This cost-based approach reflects the District’s effort to balance available funding with the need to maintain and upgrade other critical components of the system. The \$1.9M target represents what is currently feasible within the District’s budget constraints. While the District has the capacity to complete additional pipeline projects, progress is limited by the available funding after accounting for system-wide priorities and ongoing operational needs.

It is recommended the District maintain the pipeline replacement program to comply with Making Conservation and CA Way of Life (AB 1668/SB 606) and limit system water loss through leaking infrastructure. The District has prioritized inclusion of a pipeline replacement project annually to show that effort is being made to address the requirements of the Making Conservation and CA Way of Life statute. It is also recommended the District continue to regularly evaluate the condition of each potential water main replacement and prioritize rehabilitation based on the useful life and maintenance requirements and reorder the project as needed. If a project contains significantly less linear feet or other parameters change that will slow production, the average unit price will increase.

## 6.5 CONTROL VALVE STATIONS

The District currently has 40 control valve stations throughout the Truckee System, with six being inactive. The District does not plan to replace or add control valve stations at this time via capital improvement projects. Instead, and any work to maintain or replace control valve stations would be funded and completed through existing maintenance budgets.

## 6.6 COST ESTIMATES AND BUDGET

Cost estimates for new projects in the 2026 CIP are based on Q1-2025 labor, equipment, and material costs. Projects proposed from 2026 to 2035 were applied with a year over year escalation factor of 5.0%, shown in Table 4. The District provided a target annual budget range of \$6.5 million to \$8 million. This target budget range serves as a guideline to distribute project costs throughout the duration of the CIP. The 2035 estimated project cost exceeds the target amount to allow the District to both complete an annual pipeline replacement project and also construct a new 1 MG tank. The annual target budget reflects the amount of projects the District believes they can accomplish yearly under revenue from rates. If the rate structure is adjusted or other sources of funding become available, additional projects could be added to the CIP. The 2026 – 2035 Capital Improvement Project List is displayed in Appendix D.

**Table 4: Cost Escalation**

| Year | % per Year | Escalation |
|------|------------|------------|
| 2026 | 5%         | 0.050      |
| 2027 | 5%         | 0.103      |
| 2028 | 5%         | 0.158      |
| 2029 | 5%         | 0.216      |
| 2030 | 5%         | 0.276      |
| 2031 | 5%         | 0.340      |
| 2032 | 5%         | 0.407      |
| 2033 | 5%         | 0.477      |
| 2034 | 5%         | 0.551      |
| 2035 | 5%         | 0.629      |

Based on discussion with District Staff, system buildout projections are less than estimated in the 2012 Water System Master Plan. Projects included in the 2026 CIP address maintenance and operational needs of existing District infrastructure. Projects to address maintenance and operations needs are expected to be rate funded.

Average yearly cost of the 2026-2035 CIP is approximately \$7,900,000 including all projects, assumptions, and inflation. The average yearly cost is an equivalent cost representing a distribution of project costs evenly during the 10-year CIP period. Upon review and consideration by the District, the CIP may be revised, reordered, and modified to better align with District financial needs. Actual yearly expenditures for CIP projects could vary greatly from year to year based on District preference.


**APPENDIX A:  
POTENTIAL REGULATORY  
IMPACTS**

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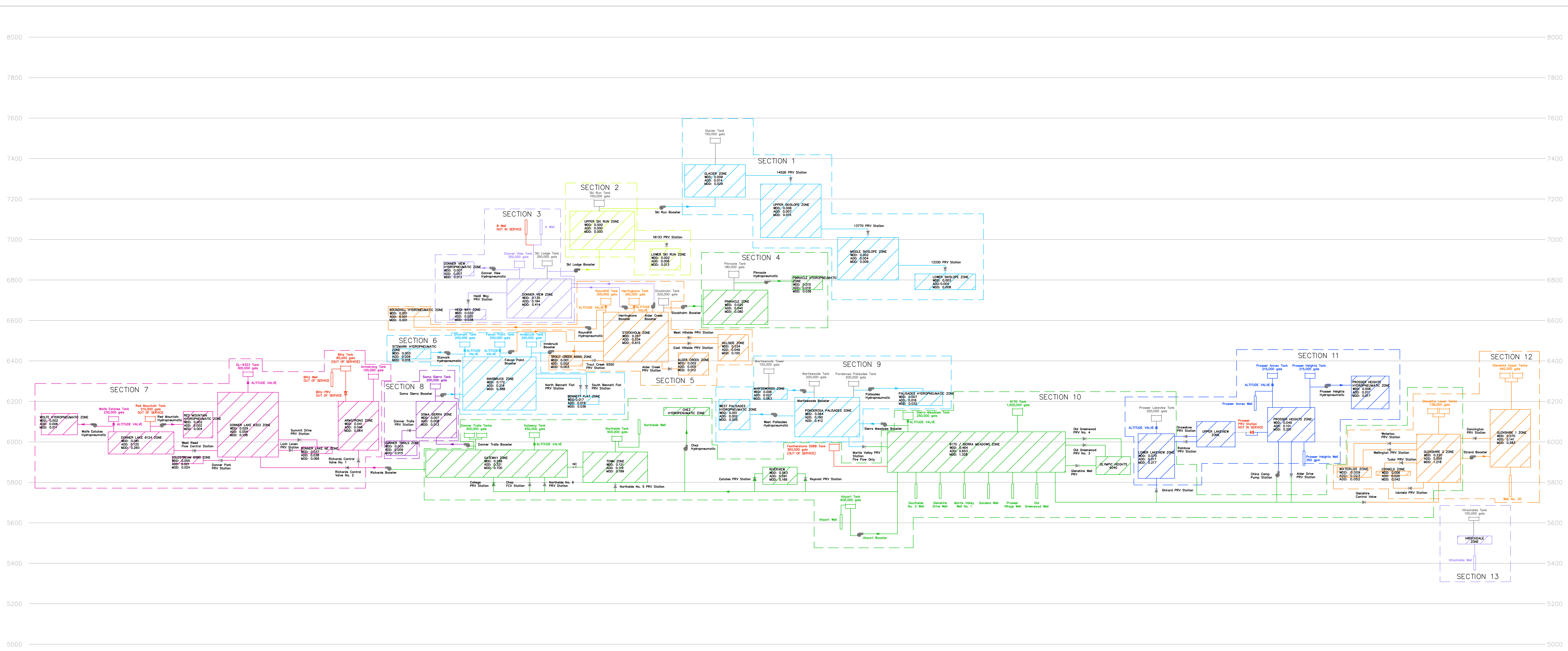
| <b>Potential Regulatory Impacts for TDPUD CIP planning</b>    |  |                              |
|---|--|------------------------------|
| <b>Regulatory Origin</b>                                      | <b>Nature of the requirement</b>   | <b>Timing of requirement</b> |
| <b>Local Regulations</b>                                      |  |                              |
| T-TSA/TSD   | Temporary discharge permit to flush water mains into the sewer from TSD and TTSA (chlorine residual in excess of 100 mg/L prohibited - TTSA Ordinance 2-2015), neighborhoods with no sanitary sewer system will need to flush into water trucks for delivery to T-TSA  | Ongoing                      |
| Stormwater protection   | Stormwater protection under an NPDES permit may be necessary to protect Truckee River  | Ongoing                      |
| <b>State Regulations</b>                                      |  |                              |
| Urban Water management plans (Water Code Section 10610-10656) | water shortage contingency plan, water loss audits   | 1-Jul-26                     |
| Making Conservation a CA Way of Life (AB 1668 /SB 606)        | proposed reporting requirements: Residential-Gallons Per Capita per Day (R-GPCPD)  | 1-Jan-27                     |
| Making Conservation a CA Way of Life (AB 1668 /SB 606)        | Urban Water Use efficiency Standards   | 1-Jul-26                     |
| Making Conservation a CA Way of Life (AB 1668 /SB 606)        | Annual Water use reporting including estimated indoor and outdoor residential use, and irrigation and landscaping dedicated meter readings, and water losses   | Ongoing                      |
| Making Conservation a CA Way of Life (AB 1668 /SB 606)        | additional water use efficiency standards to be developed and implemented. Water loss control can be addressed through four foundational approaches: Detecting and locating leaks, efficient responses to reported leaks, reducing operational pressure and pressure variations, and prioritizing infrastructure replacement   | 1-Jan-27                     |
| Making Conservation a CA Way of Life (AB 1668 /SB 606)        | require URWS's to implement feasible technologies on a system-wide scale to effectively detect and locate leaks, prioritize infrastructure replacement and repair or replace infrastructure cost-effectively. For URWS's that opt for pressure management in part or whole of their system, large-scale implementation of pressure management [8] will be expected in this phase | 2028 - 2035                  |
| Making Conservation a CA Way of Life (AB 1668 /SB 606)        | regular monitoring of the distribution system, prioritizing infrastructure replacement and continued repair (and replacement as suitable) for system components. From 2036 onwards, URWS's would be required to comply with their final allowable water loss volume on a three-year average basis with a maximum allowed deviation of 5%   | 2036 and beyond              |
| SB 606 & AB 1668  | Urban water use efficiency standards including indoor/outdoor targets and water loss standards.  | 1-Nov-27                     |
| Sustainable Groundwater Management Act (SGMA)                 | Mandates sustainable groundwater use via Groundwater Sustainability Plans (GSPs).  | 2040-2042                    |
| AB 794- PFAS Drinking Water Standards                         | Establishes monitoring and treatment requirements for PFAS in drinking water.  | 26-Apr-29                    |

|   |   |   |
|---|---|---|
| SB 222 (Water Affordability Program)              | Proposes a statewide low-income water rate assistance program.  | Unkown  |
| AB 1204   | adoption or amendment of primary drinking water standard equal to or more stringent than federal standards  | 2 Year Bill   |
| SB 19/SB361                                       | Stream Gages: DWR and SWRCB   | unknown   |
| SB 646  | Local agency utility services: extension of utility services. would revise the definition of "fee" to mean a fee for the physical facilities necessary to make a water connection or sewer connection, and that the estimated reasonable cost of labor and materials for installation of those facilities bears a fair or reasonable relationship to the payor's burdens on, or benefits received from, the water connection or sewer connection. | <b>Ongoing</b>  |
| AB 756/AB 841                                     | Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances.   | <b>Ongoing</b>  |
| AB 990  | Public water systems: emergency notification plan   | 27-Jun-25   |
| AB 1180   | Water: recycled water: backflow prevention requirements   | <b>Ongoing</b>  |
| AB 1414   | Urban Retail Water Suppliers: reporting   | <b>Ongoing.</b> Annual validated audits due every Jan 1 |
| AB 1432   | Water Shortage Emergency: water supplier can declare a shortage in emergency conditions of wildfire w/out a hearing   | <b>Ongoing</b>  |
| AB 1588   | Drinking water and wastewater operator certification programs. Gives reciprocity/equivalence for military status in hiring  | <b>Ongoing</b>  |
| <b>Legislative proposals - Electrical related</b> |   |   |
| SB 49   | Energy: appliance standards and State Water Project assessment  | <b>Ongoing</b>  |
| SB 70 /SB 167                                     | Electricity: undergrounding of electrical infrastructure, wildfire mitigation plan  | unknown   |
| SB 774  | Electricity: microgrids. Would require each electrical corporation to collaborate with the Office of Emergency Services, and local governments and other interested parties in its service territory, to identify locations where sources of back-up electricity may provide increased electrical distribution grid resiliency  | unknown   |
| AB 2182   | Emergency back up generators: water and waste water facilities exempt from regulation EXCEPT by the NFPA 110 standards  | unknown   |
| <b>Federal Changes</b>                            |   |   |
| US EPA  | Water quality standards changes including perchlorate levels  | currently ongoing                                       |
| US EPA Clean Water Act                            | Changes to definition of "Waters of the United States"  | currently ongoing                                       |

**APPENDIX B:  
EXISTING SYSTEM  
SCHEMATIC**

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TANKS NOT TO BE CONSIDERED IN ANALYSIS  
 TANKS CURRENTLY OUT OF SERVICE



NOTES:  
 1) STORAGE TANKS AND PRESSURE ZONE SERVICE AREAS ARE SHOWN TO THE PROPER ELEVATIONS.  
 2) PUMP STATION, WELLS, CONTROL STATIONS AND PIPING ARE NOT SHOWN TO THE PROPER ELEVATIONS.

**APPENDIX C:**  
**TOU RATE ANALYSIS**  
**RESULTS**

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## Summary of Section Water Supply and Demands

| Section             | Capacity<br>(Gallons) | MDD (MGD) |          | WDD (MGD) |         | ADD (MGD) |         |
|---------------------|-----------------------|-----------|----------|-----------|---------|-----------|---------|
|                     |                       | MGD       | GPM      | MGD       | GPM     | MGD       | GPM     |
| <b>Section 1</b>    | 150,000               | 0.061     | 42.361   | 0.02      | 13.889  | 0.029     | 20.139  |
| <b>Section 2</b>    | 214,000               | 0.013     | 9.028    | 0.002     | 1.389   | 0.006     | 4.167   |
| <b>Section 3</b>    | 1,020,000             | 0.465     | 322.917  | 0.162     | 112.500 | 0.221     | 153.472 |
| <b>Section 4</b>    | 180,000               | 0.116     | 80.556   | 0.04      | 27.778  | 0.059     | 40.972  |
| <b>Section 5</b>    | 600,000               | 0.731     | 507.639  | 0.295     | 204.861 | 0.391     | 271.528 |
| <b>Section 6</b>    | 600,000               | 0.442     | 306.944  | 0.192     | 133.333 | 0.244     | 169.444 |
| <b>Section 7</b>    | 540,000               | 0.537     | 372.917  | 0.247     | 171.528 | 0.287     | 199.306 |
| <b>Section 8</b>    | 200,000               | 0.028     | 19.444   | 0.01      | 6.944   | 0.017     | 11.806  |
| <b>Section 9</b>    | 500,000               | 0.512     | 355.556  | 0.078     | 54.167  | 0.235     | 163.194 |
| <b>Section 10</b>   | 3,200,000             | 2.589     | 1797.917 | 0.98      | 680.556 | 1.288     | 894.444 |
| <b>Section 11</b>   | 425,000               | 0.435     | 302.083  | 0.125     | 86.806  | 0.129     | 89.583  |
| <b>Section 12*</b>  | -                     | 1.595     | 1107.639 | 0.305     | 211.806 | 0.739     | 513.194 |
| <b>Section 13**</b> | 100,000               | 0         | 0.000    | 0         | 0.000   | 0         | 0.000   |

\*- Missing Tank Information

\*\* - Missing Demand Information

## Detailed Capacity Analysis by Section

### **Section 1**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 150,000               | 100%              |
| <b>5:00 PM</b>  | 147,458               | 98%               |
| <b>6:00 PM</b>  | 144,917               | 97%               |
| <b>7:00 PM</b>  | 142,375               | 95%               |
| <b>8:00 PM</b>  | 139,833               | 93%               |
| <b>9:00 PM</b>  | 137,292               | 92%               |
| <b>10:00 PM</b> | 134,750               | 90%               |

Tanks:

- Glacier Tank- 150,000 gallons

Zones:

- Glacier- 0.0029 MGD (MDD)
- Upper Skislope- 0.015 MGD (MDD)
- Middle Skislope- 0.009 MGD (MDD)
- Lower Skislope- 0.008 MGD (MDD)

### **Section 2**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 214,000               | 100%              |
| <b>5:00 PM</b>  | 213,458               | 100%              |
| <b>6:00 PM</b>  | 212,917               | 99%               |
| <b>7:00 PM</b>  | 212,375               | 99%               |
| <b>8:00 PM</b>  | 211,833               | 99%               |
| <b>9:00 PM</b>  | 211,292               | 99%               |
| <b>10:00 PM</b> | 210,750               | 98%               |

Tanks:

- Ski Run- 214,000 gallons

Zones:

- Upper Ski Run- 0.000 MGD (MDD)
- Lower Ski Run- 0.013 MGD (MDD)

**Section 3**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 1,020,000             | 100%              |
| <b>5:00 PM</b>  | 1,000,625             | 100%              |
| <b>6:00 PM</b>  | 981,250               | 99%               |
| <b>7:00 PM</b>  | 980,708               | 99%               |
| <b>8:00 PM</b>  | 980,167               | 99%               |
| <b>9:00 PM</b>  | 979,625               | 99%               |
| <b>10:00 PM</b> | 979,083               | 98%               |

Tanks:

- Donner View- 350,000 gallons
- Ski Lodge- 350,000 gallons
- Stockholm- 320,000 gallons

Zones:

- Donner View Hydro- 0.013 MGD (MDD)
- Donner View- 0.414 MGD (MDD)
- Heidi Way- 0.038 MGD (MDD)

**Section 4**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 180,000               | 100%              |
| <b>5:00 PM</b>  | 175,167               | 100%              |
| <b>6:00 PM</b>  | 170,333               | 99%               |
| <b>7:00 PM</b>  | 165,500               | 99%               |
| <b>8:00 PM</b>  | 160,667               | 99%               |
| <b>9:00 PM</b>  | 155,833               | 99%               |
| <b>10:00 PM</b> | 151,000               | 98%               |

Tanks:

- Pinnacle- 180,000 gallons

Zones:

- Pinnacle Hydro- 0.036 MGD (MDD)
- Pinnacle- 0.080 MGD (MDD)

**Section 5**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 600,000               | 100%              |
| <b>5:00 PM</b>  | 569,542               | 100%              |
| <b>6:00 PM</b>  | 539,083               | 99%               |
| <b>7:00 PM</b>  | 508,625               | 99%               |
| <b>8:00 PM</b>  | 478,167               | 99%               |
| <b>9:00 PM</b>  | 447,708               | 99%               |
| <b>10:00 PM</b> | 417,250               | 98%               |

Tanks:

- Herringbone- 300,000 gallons
- Round Hill- 300,000 gallons

Zones:

- Roundhill Hydro- 0.001 MGD (MDD)
- Stockholm- 0.615 MGD (MDD)
- Hillside- 0.100 MGD (MDD)
- Alder Creek- 0.012 MGD (MDD)
- Trout Creek 6550- 0.003 MGD (MDD)

**Section 6**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 600,000               | 100%              |
| <b>5:00 PM</b>  | 581,583               | 100%              |
| <b>6:00 PM</b>  | 563,167               | 99%               |
| <b>7:00 PM</b>  | 544,750               | 99%               |
| <b>8:00 PM</b>  | 526,333               | 99%               |
| <b>9:00 PM</b>  | 507,917               | 99%               |
| <b>10:00 PM</b> | 489,500               | 98%               |

Tanks:

- Falcon Point- 200,000 gallons
- Innsbruck- 200,000 gallons
- Sitzmark- 200,000 gallons

Zones:

- Sitzmark Hydro- 0.018 MGD (MDD)
- Innsbruk- 0.388 MGD (MDD)
- Bennett Flat- 0.036 MGD (MDD)

**Section 7**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 540,000               | 100%              |
| <b>5:00 PM</b>  | 517,625               | 100%              |
| <b>6:00 PM</b>  | 495,250               | 99%               |
| <b>7:00 PM</b>  | 472,875               | 99%               |
| <b>8:00 PM</b>  | 450,500               | 99%               |
| <b>9:00 PM</b>  | 428,125               | 99%               |
| <b>10:00 PM</b> | 405,750               | 98%               |

Tanks:

- Armstrong- 100,000 gallons
- Red Mountain- 210,000 gallons
- Wolfe Estates- 230,000 gallons

Zones:

- Red Mountain Hydro- 0.004 MGD (MDD)
- Wolfe Hydro- 0.011 MGD (MDD)
- Donner Lake 6124- 0.260 MGD (MDD)
- Donner Lake 6323- 0.108 MGD (MDD)
- Armstrong- 0.064 MGD (MDD)
- Donnerlake NE- 0.066 MGD (MDD)
- Coldstream 6080- 0.024 MGD (MDD)

**Section 8**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 200,000               | 100%              |
| <b>5:00 PM</b>  | 198,833               | 100%              |
| <b>6:00 PM</b>  | 197,667               | 99%               |
| <b>7:00 PM</b>  | 196,500               | 99%               |
| <b>8:00 PM</b>  | 195,333               | 99%               |
| <b>9:00 PM</b>  | 194,167               | 99%               |
| <b>10:00 PM</b> | 193,000               | 98%               |

Tanks:

- Soma Sierra- 200,000 gallons

Zones:

- Donner Trails- 0.015 MGD (MDD)
- Soma Sierra- 0.013 MGD (MDD)

**Section 9**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 500,000               | 100%              |
| <b>5:00 PM</b>  | 478,667               | 100%              |
| <b>6:00 PM</b>  | 457,333               | 99%               |
| <b>7:00 PM</b>  | 436,000               | 99%               |
| <b>8:00 PM</b>  | 414,667               | 99%               |
| <b>9:00 PM</b>  | 393,333               | 99%               |
| <b>10:00 PM</b> | 372,000               | 98%               |

Tanks:

- Martis Woods- 200,000 gallons
- Martis Woods Tower- 100,000 gallons
- Ponderosa Palisades- 200,000 gallons

Zones:

- Martiswoods- 0.063 MGD (MDD)
- West Palisades Hydro- 0.005 MGD (MDD)
- Palisades Hydro- 0.032 MGD (MDD)
- Ponderosa Palisades- 0.412 MGD (MDD)

**Section 10**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 3,200,000             | 100%              |
| <b>5:00 PM</b>  | 3,092,125             | 100%              |
| <b>6:00 PM</b>  | 2,984,250             | 99%               |
| <b>7:00 PM</b>  | 2,876,375             | 99%               |
| <b>8:00 PM</b>  | 2,768,500             | 99%               |
| <b>9:00 PM</b>  | 2,660,625             | 99%               |
| <b>10:00 PM</b> | 2,552,750             | 98%               |

Tanks:

- Airport- 600,000 gallons
- 6170 A- 1,500,000 gallons
- Gateway- 450,000 gallons
- Northside- 400,000 gallons
- Sierra Meadows- 250,000 gallons

Zones:

- 6170/ Sierra Meadows- 1.328 MGD (MDD)
- Gateway- 0.700 MGD (MDD)
- Town- 0.189 MGD (MDD)
- Gateway Hydro- 0.001 MGD (MDD)
- 6040- 0.205 MGD (MDD)
- Riverview- 0.166 MGD (MDD)

**Section 11**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 425,000               | 100%              |
| <b>5:00 PM</b>  | 406,875               | 100%              |
| <b>6:00 PM</b>  | 388,750               | 99%               |
| <b>7:00 PM</b>  | 370,625               | 99%               |
| <b>8:00 PM</b>  | 352,500               | 99%               |
| <b>9:00 PM</b>  | 334,375               | 99%               |
| <b>10:00 PM</b> | 316,250               | 98%               |

Tanks:

- Prosser Annex- 215,000 gallons
- Prosser Heights- 210,000 gallons

Zones:

- Prosser Heights Hydro- 0.017 MGD (MDD)
- Prosser Heights- 0.201 MGD (MDD)
- Lower Lakeview- 0.201 MGD (MDD)
- Upper Lakeview- 0.217 MGD (MDD)

**Section 12**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | -                     | -                 |
| <b>5:00 PM</b>  | (66,458)              | -                 |
| <b>6:00 PM</b>  | (132,917)             | -                 |
| <b>7:00 PM</b>  | (199,375)             | -                 |
| <b>8:00 PM</b>  | (265,833)             | -                 |
| <b>9:00 PM</b>  | (332,292)             | -                 |
| <b>10:00 PM</b> | (398,750)             | -                 |

Tanks:

- No Tank Data Available

Zones:

- Glenshire 1- 0.283 MGD (MDD)
- Glenshire 2- 1.218 MGD (MDD)
- Waterloo- 0.052 MGD (MDD)
- Icknield- 0.042 MGD (MDD)

**Section 13**

|                 | <b>Capacity (gal)</b> | <b>% Capacity</b> |
|-----------------|-----------------------|-------------------|
| <b>4:00 PM</b>  | 100,000               | -                 |
| <b>5:00 PM</b>  | 100,000               | -                 |
| <b>6:00 PM</b>  | 100,000               | -                 |
| <b>7:00 PM</b>  | 100,000               | -                 |
| <b>8:00 PM</b>  | 100,000               | -                 |
| <b>9:00 PM</b>  | 100,000               | -                 |
| <b>10:00 PM</b> | 100,000               | -                 |


Tanks:

- Hirschdale- 100,000 gallons

Zones:

- Hirschdale- No Demand Data Available

**APPENDIX D:  
PLANNING LEVEL COST  
ESTIMATES**

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## Truckee Donner Public Utility District 2026 Water System CIP

| FACILITY TYPE           | DESCRIPTION  | LENGTH, FT | DIAM, IN | YEAR | RESPONSIBLE PARTY | FUNDING SOURCE | JUSTIFICATION          | QUANTITY | UNITS | UNIT COST           | CONSTRUCTION COST      |
|-------------------------|--|------------|----------|------|-------------------|----------------|------------------------|----------|-------|---------------------|------------------------|
| <b>2026 PROJECTS</b>    |  |            |          |      |                   |                |                        |          |       |                     |                        |
| Pipeline Rehabilitation | Northwoods / Zermatt, Northwoods / Driving Range, Skybowl Condos, and Hwy 89 / Rainbow Intertie Pipeline Construction (Slipline) | 3600       | Various  | 2026 | TDPUD             | Rates          | Life-Cycle Replacement | 3447     | feet  | \$ 355.45           | \$ 1,225,230.35        |
| Tank Rehabilitation     | Donner Trails (0.16 MG)  | NA         | NA       | 2026 | TDPUD             | Rates          | Life-Cycle Maintenance | 1        | EA    | \$ 302,538.06       | \$ 302,538.06          |
| New Pump Station        | Martiswoods Pump Station Replacement   | NA         | NA       | 2026 | TDPUD             | Rates          | Life-Cycle Replacement | 1        | EA    | \$ 2,291,348.74     | \$ 2,291,348.74        |
| New Pump Station        | Sitzmark Hydro Station Replacement   | NA         | NA       | 2026 | TDPUD             | Rates          | Life-Cycle Replacement | 1        | EA    | \$ 1,650,010.71     | \$ 1,650,010.71        |
| New Pump Station        | Innsbruck Pump Station Replacement   | NA         | NA       | 2026 | TDPUD             | Rates          | Life-Cycle Replacement | 1        | EA    | \$ 2,378,554.17     | \$ 2,378,554.17        |
|                         |  |            |          |      |                   |                |                        |          |       | <b>ANNUAL TOTAL</b> | <b>\$ 7,847,682.03</b> |

|  |                                      |     |     |      |       |       |                        |   |    |                     |                        |
|--|--------------------------------------|-----|-----|------|-------|-------|------------------------|---|----|---------------------|------------------------|
| <b>2027 PROJECTS (Airport Well Replacement Option)</b> |                                      |     |     |      |       |       |                        |   |    |                     |                        |
| Pipeline Replacement                                   | TBD                                  | TBD | TBD | 2027 | TDPUD | Rates | Life-Cycle Replacement | 1 | LS | \$ 1,995,000.00     | \$ 1,995,000.00        |
| Tank Rehabilitation                                    | Sierra Meadows (0.25 MG)             | NA  | NA  | 2027 | TDPUD | Rates | Life-Cycle Maintenance | 1 | EA | \$ 454,148.20       | \$ 454,148.20          |
| Tank Rehabilitation                                    | The Strand 2 (0.32 MG)               | NA  | NA  | 2027 | TDPUD | Rates | Life-Cycle Maintenance | 1 | EA | \$ 535,135.61       | \$ 535,135.61          |
| New Well   | New Airport Well (or Tank)           | NA  | NA  | 2027 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 1,237,576.52     | \$ 1,237,576.52        |
| New Pump Station                                       | Roundhill Hydro Station Replacement  | NA  | NA  | 2027 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 1,286,972.50     | \$ 1,286,972.50        |
| New Pump Station                                       | Alder Creek Pump Station Replacement | NA  | NA  | 2027 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 2,326,049.60     | \$ 2,326,049.60        |
|  |                                      |     |     |      |       |       |                        |   |    | <b>ANNUAL TOTAL</b> | <b>\$ 7,834,882.43</b> |

|                      |  |     |     |      |       |       |                        |   |    |                     |                        |
|----------------------|--|-----|-----|------|-------|-------|------------------------|---|----|---------------------|------------------------|
| <b>2028 PROJECTS</b> |  |     |     |      |       |       |                        |   |    |                     |                        |
| Pipeline Replacement | TBD                                      | TBD | TBD | 2028 | TDPUD | Rates | Life-Cycle Replacement | 1 | LS | \$ 2,094,750.00     | \$ 2,094,750.00        |
| Tank Rehabilitation  | Somerset 2 (0.21 MG)                     | NA  | NA  | 2028 | TDPUD | Rates | Life-Cycle Maintenance | 1 | EA | \$ 426,604.93       | \$ 426,604.93          |
| Tank Rehabilitation  | Prosser Heights (0.21 MG)                | NA  | NA  | 2028 | TDPUD | Rates | Life-Cycle Maintenance | 1 | EA | \$ 437,412.56       | \$ 437,412.56          |
| New Tank             | New Somerset 1 Tank (0.28 MG)            | NA  | NA  | 2028 | TDPUD | Rates | Life-Cycle Maintenance | 1 | EA | \$ 1,757,104.55     | \$ 1,757,104.55        |
| New Pump Station     | Northside Pump Station Replacement       | NA  | NA  | 2028 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 1,785,096.97     | \$ 1,785,096.97        |
| New Pump Station     | West Palisades Hydro Station Replacement | NA  | NA  | 2028 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 1,067,101.84     | \$ 1,067,101.84        |
|                      |  |     |     |      |       |       |                        |   |    | <b>ANNUAL TOTAL</b> | <b>\$ 7,568,070.85</b> |

|                      |                             |     |     |      |       |       |                        |   |    |                     |                        |
|----------------------|-----------------------------|-----|-----|------|-------|-------|------------------------|---|----|---------------------|------------------------|
| <b>2029 PROJECTS</b> |                             |     |     |      |       |       |                        |   |    |                     |                        |
| Pipeline Replacement | TBD                         | TBD | TBD | 2029 | TDPUD | Rates | Life-Cycle Replacement | 1 | LS | \$ 2,199,487.50     | \$ 2,199,487.50        |
| New Tank             | New Herringbone Tank (1 MG) | NA  | NA  | 2029 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 5,356,508.26     | \$ 5,356,508.26        |
| Tank Rehabilitation  | Wolfe Estates (0.23 MG)     | NA  | NA  | 2029 | TDPUD | Rates | Life-Cycle Maintenance | 1 | EA | \$ 464,574.15       | \$ 464,574.15          |
|                      |                             |     |     |      |       |       |                        |   |    | <b>ANNUAL TOTAL</b> | <b>\$ 8,020,569.91</b> |

|                      |                           |     |     |      |       |       |                        |   |    |                     |                        |
|----------------------|---------------------------|-----|-----|------|-------|-------|------------------------|---|----|---------------------|------------------------|
| <b>2030 PROJECTS</b> |                           |     |     |      |       |       |                        |   |    |                     |                        |
| Pipeline Replacement | TBD                       | TBD | TBD | 2030 | TDPUD | Rates | Life-Cycle Replacement | 1 | LS | \$ 2,309,461.88     | \$ 2,309,461.88        |
| New Tank             | New Innsbruck Tank (1 MG) | NA  | NA  | 2030 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 5,617,532.32     | \$ 5,617,532.32        |
|                      |                           |     |     |      |       |       |                        |   |    | <b>ANNUAL TOTAL</b> | <b>\$ 7,926,994.20</b> |

|                      |                                    |     |     |      |       |       |                        |   |    |                     |                        |
|----------------------|------------------------------------|-----|-----|------|-------|-------|------------------------|---|----|---------------------|------------------------|
| <b>2031 PROJECTS</b> |                                    |     |     |      |       |       |                        |   |    |                     |                        |
| Pipeline Replacement | TBD                                | TBD | TBD | 2031 | TDPUD | Rates | Life-Cycle Replacement | 1 | LS | \$ 2,424,934.97     | \$ 2,424,934.97        |
| Well Rehabilitation  | TBD                                | NA  | NA  | 2031 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 464,531.87       | \$ 464,531.87          |
| New Pump Station     | Pinnacle Hydro Station Replacement | NA  | NA  | 2031 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 1,805,432.00     | \$ 1,805,432.00        |
| New Pump Station     | TBD                                | NA  | NA  | 2031 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 2,376,952.29     | \$ 2,376,952.29        |
|                      |                                    |     |     |      |       |       |                        |   |    | <b>ANNUAL TOTAL</b> | <b>\$ 7,071,851.13</b> |

|                      |                                    |     |     |      |       |       |                        |   |    |                 |                 |
|----------------------|------------------------------------|-----|-----|------|-------|-------|------------------------|---|----|-----------------|-----------------|
| <b>2032 PROJECTS</b> |                                    |     |     |      |       |       |                        |   |    |                 |                 |
| Pipeline Replacement | TBD                                | TBD | TBD | 2032 | TDPUD | Rates | Life-Cycle Replacement | 1 | LS | \$ 2,546,181.72 | \$ 2,546,181.72 |
| New Tank             | New Strand 1 Tank (0.42 MG)        | NA  | NA  | 2032 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 2,215,843.04 | \$ 2,215,843.04 |
| New Pump Station     | Ski Lodge Pump Station Replacement | NA  | NA  | 2032 | TDPUD | Rates | Life-Cycle Replacement | 1 | EA | \$ 2,973,740.87 | \$ 2,973,740.87 |

## Truckee Donner Public Utility District 2026 Water System CIP

| FACILITY TYPE        | DESCRIPTION               | LENGTH,<br>FT | DIAM, IN | YEAR | RESPONSIBLE<br>PARTY | FUNDING<br>SOURCE | JUSTIFICATION          | QUANTITY | UNITS | UNIT COST       | CONSTRUCTION<br>COST |                        |
|----------------------|---------------------------|---------------|----------|------|----------------------|-------------------|------------------------|----------|-------|-----------------|----------------------|------------------------|
|                      |                           |               |          |      |                      |                   |                        |          |       |                 | <b>ANNUAL TOTAL</b>  | <b>\$ 7,735,765.63</b> |
| <b>2033 PROJECTS</b> |                           |               |          |      |                      |                   |                        |          |       |                 |                      |                        |
| Pipeline Replacement | TBD                       | TBD           | TBD      | 2033 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | LS    | \$ 2,673,490.80 | \$ 2,673,490.80      |                        |
| Tank Rehabilitation  | Prosser Annex (0.215 MG)  | NA            | NA       | 2033 | TDPUD                | Rates             | Life-Cycle Maintenance | 1        | EA    | \$ 559,208.35   | \$ 559,208.35        |                        |
| Tank Rehabilitation  | Gateway (0.45 MG)         | NA            | NA       | 2033 | TDPUD                | Rates             | Life-Cycle Maintenance | 1        | EA    | \$ 947,880.76   | \$ 947,880.76        |                        |
| New Well             | TBD                       | NA            | NA       | 2033 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | EA    | \$ 1,378,345.70 | \$ 1,378,345.70      |                        |
| New Pump Station     | TBD                       | NA            | NA       | 2033 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | EA    | \$ 2,412,663.02 | \$ 2,412,663.02      |                        |
|                      |                           |               |          |      |                      |                   |                        |          |       |                 | <b>ANNUAL TOTAL</b>  | <b>\$ 7,971,588.63</b> |
| <b>2034 PROJECTS</b> |                           |               |          |      |                      |                   |                        |          |       |                 |                      |                        |
| Pipeline Replacement | TBD                       | TBD           | TBD      | 2034 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | LS    | \$ 2,807,165.34 | \$ 2,807,165.34      |                        |
| New Pump Station     | TBD                       | NA            | NA       | 2034 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | EA    | \$ 2,513,817.85 | \$ 2,513,817.85      |                        |
| New Pump Station     | TBD                       | NA            | NA       | 2034 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | EA    | \$ 2,513,817.85 | \$ 2,513,817.85      |                        |
|                      |                           |               |          |      |                      |                   |                        |          |       |                 | <b>ANNUAL TOTAL</b>  | <b>\$ 7,834,801.04</b> |
| <b>2035 PROJECTS</b> |                           |               |          |      |                      |                   |                        |          |       |                 |                      |                        |
| Pipeline Replacement | TBD                       | TBD           | TBD      | 2035 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | LS    | \$ 2,947,523.61 | \$ 2,947,523.61      |                        |
| New Tank             | New Ski Lodge Tank (1 MG) | NA            | NA       | 2035 | TDPUD                | Rates             | Life-Cycle Replacement | 1        | EA    | \$ 7,031,220.02 | \$ 7,031,220.02      |                        |
|                      |                           |               |          |      |                      |                   |                        |          |       |                 | <b>ANNUAL TOTAL</b>  | <b>\$ 9,978,743.63</b> |

**CIP TOTAL \$ 79,790,949.48**

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Slipline 1                | Slipline Northwoods/Zermatt              | 500.000         | LF           | 264.58            | 132,290.00            |
| Slipline 2                | Slipline Northwoods/Driving Range        | 935.000         | LF           | 236.29            | 220,931.15            |
| Slipline 3                | Slipline Skybowl Condos                  | 1,000.000       | LF           | 224.10            | 224,100.00            |
| Slipline 4                | Slipline 89/Rainbow Intertie             | 1,012.000       | LF           | 227.08            | 229,804.96            |
| Slipline TC               | Slipline Traffic Control                 | 1.000           | LS           | 92,662.60         | 92,662.60             |
| Slipline GA               | Slipline GA/Fee                          | 1.000           | LS           | 241,740.61        | 241,740.61            |
| Slipline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 83,701.03         | 83,701.03             |
|                           |  |                 |              |                   |                       |
|                           | <b>Sliplining Program (2026)</b>         |                 |              |                   | <b>\$1,225,230.35</b> |

**Biditem**

**Slipline Northwoods/Zermatt**

**500**

Takeoff Qty: 500.000 LF  
 Bid Qty: 500.000 LF

**Client #: Slipline 1**

|              | Base Labor       | Burden          | Total Labor      | Equipment        | Perm Mats        | Const Mats      | Sub              | Total             |
|--------------|------------------|-----------------|------------------|------------------|------------------|-----------------|------------------|-------------------|
| U. Cost      | 45.61            | 15.68           | 61.29            | 31.61            | 51.40            | 3.58            | 114.24           | 262.12            |
| <b>Total</b> | <b>22,804.00</b> | <b>7,842.30</b> | <b>30,646.30</b> | <b>15,804.12</b> | <b>25,698.50</b> | <b>1,790.25</b> | <b>57,122.00</b> | <b>131,061.17</b> |

|  | Manhours | Unit/MH | MH/Unit | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|--|----------|---------|---------|----------|---------------|----------------|---------|
|  | 288.0000 | 1.7361  | 0.5760  | 455.0735 | 79.1806       | 106.4108       | 8.9286  |

**Activity: 312500.02 Pipeline Materials Quantity: 500.00 Unit: LF**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats        | Const Mats  | Sub             | Total            |
|--------------|-------------|-------------|-------------|-------------|------------------|-------------|-----------------|------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 50.17            | 0.00        | 8.70            | 58.87            |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>25,085.20</b> | <b>0.00</b> | <b>4,350.00</b> | <b>29,435.20</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description                | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|----------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 2MISCMTL | Misc Materials             | 1.00     | 500.00   | LF   | 1.00      | 108.500  | 1.09      | 542.50    |
| 2PIPEFTG | Pipe Fittings              | 1.00     | 1.00     | LS   | 7,500.00  | 108.500  | 8,137.50  | 8,137.50  |
| 2PIPEMTL | Pipe Materials - Permanent | 1.00     | 500.00   | LF   | 24.00     | 108.500  | 26.04     | 13,020.00 |
| 2SAND    | Bedding Sand - FOB Plant   | 1.00     | 195.00   | TON  | 16.00     | 108.500  | 17.36     | 3,385.20  |
| 4HAUL    | Hauling - Sub              | 1.00     | 30.00    | HR   | 145.00    | 100.000  | 145.00    | 4,350.00  |

**Activity: 339900.01.2 Slipline Sub Quantity: 500.00 Unit: LF**

|              | Base Labor      | Burden        | Total Labor     | Equipment       | Perm Mats   | Const Mats  | Sub              | Total            |
|--------------|-----------------|---------------|-----------------|-----------------|-------------|-------------|------------------|------------------|
| U. Cost      | 3.17            | 1.09          | 4.26            | 2.49            | 0.00        | 0.00        | 85.00            | 91.75            |
| <b>Total</b> | <b>1,584.00</b> | <b>544.74</b> | <b>2,128.74</b> | <b>1,246.19</b> | <b>0.00</b> | <b>0.00</b> | <b>42,500.00</b> | <b>45,874.93</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 6.7499       | 0.0080        | 125.0000      | 843.7325     | 0.5000 | 1,000.0000  | 0.0010      | 91,749.8600 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 20.0000  | 25.0000 | 0.0400  | 106.4370       | 3.1680          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: CH 4 Eff: 100.00 Crew Hrs: 4.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource  | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4SLIPLINE | Slipline Sub                 | 1.00     | 500.00   | LF   | 85.00     | 100.000  | 85.00     | 42,500.00 |
| 8267      | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 4.00     | HR   | 111.02    | 108.500  | 120.46    | 481.83    |
| 8276      | EXCAVATOR SMALL              | 1.00     | 4.00     | HR   | 130.15    | 108.500  | 141.21    | 564.84    |
| 8UTLPU    | Utility Pickup               | 1.00     | 4.00     | HR   | 49.88     | 100.000  | 49.88     | 199.52    |
| LABORER   | Laborer                      | 2.00     | 8.00     | MH   | 65.00     | 100.000  | 87.35     | 698.83    |
| OPER4     | Operator Foreman             | 1.00     | 4.00     | MH   | 92.00     | 100.000  | 123.64    | 494.56    |
| OPERATOR  | Operator                     | 2.00     | 8.00     | MH   | 87.00     | 100.000  | 116.92    | 935.35    |

**Activity: 321216.02 AC Patch Paving Quantity: 100.00 Unit: SF**

|              | Base Labor      | Burden          | Total Labor     | Equipment       | Perm Mats     | Const Mats  | Sub           | Total           |
|--------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------|---------------|-----------------|
| U. Cost      | 29.08           | 10.00           | 39.08           | 28.27           | 3.42          | 0.00        | 5.80          | 76.57           |
| <b>Total</b> | <b>2,908.00</b> | <b>1,000.06</b> | <b>3,908.06</b> | <b>2,826.70</b> | <b>342.05</b> | <b>0.00</b> | <b>580.00</b> | <b>7,656.81</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 67.3476      | 0.0400        | 25.0000       | 1,683.6900   | 0.5000 | 200.0000    | 0.0050      | 15,313.6200 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 36.0000  | 2.7778  | 0.3600  | 108.5572       | 29.0800         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAVE (Mod) Asphalt Paving Prod: CH 4 Eff: 100.00 Crew Hrs: 4.00 Labor Pcs: 9.00 Equipment Pcs: 6.00

| Resource    | Description           | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|-----------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2ACPAVEMENT | Asphalt               | 1.00     | 3.25     | TON  | 97.00     | 108.500  | 105.25    | 342.05   |
| 4HAUL       | Hauling - Sub         | 1.00     | 4.00     | HR   | 145.00    | 100.000  | 145.00    | 580.00   |
| 8042        | ROLLER MD DOUBLE DRUM | 1.00     | 4.00     | HR   | 62.64     | 108.500  | 67.97     | 271.86   |
| 8043        | ROLLER LG DOUBLE DRUM | 1.00     | 4.00     | HR   | 75.10     | 108.500  | 81.48     | 325.93   |
| 8272        | LOADER LANDSCAPER 4WD | 1.00     | 4.00     | HR   | 41.69     | 108.500  | 45.24     | 180.95   |
| 8326        | 4000 GAL WATER TRUCK  | 1.00     | 4.00     | HR   | 126.37    | 108.500  | 137.11    | 548.44   |
| 8998        | AC PAVER              | 1.00     | 4.00     | HR   | 325.00    | 100.000  | 325.00    | 1,300.00 |
| 8UTLPU      | Utility Pickup        | 1.00     | 4.00     | HR   | 49.88     | 100.000  | 49.88     | 199.52   |
| LABORER     | Laborer               | 3.00     | 12.00    | MH   | 65.00     | 100.000  | 87.35     | 1,048.24 |
| OPER4       | Operator Foreman      | 2.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR    | Operator              | 4.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71 |

Activity: 339900.01.0 Install Pipelines - Dig/Lay/Backfill Quantity: 500.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Matls | Const Matls | Sub      | Total     |
|---------|------------|----------|-------------|-----------|------------|-------------|----------|-----------|
| U. Cost | 12.67      | 4.36     | 17.03       | 9.97      | 0.00       | 3.04        | 11.02    | 41.05     |
| Total   | 6,336.00   | 2,178.95 | 8,514.95    | 4,984.76  | 0.00       | 1,519.00    | 5,508.00 | 20,526.71 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 26.9994      | 0.0320        | 31.2500       | 843.7319     | 2.0000 | 250.0000    | 0.0040      | 10,263.3550 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 80.0000  | 6.2500  | 0.1600  | 106.4369       | 12.6720         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE Small Pipe Crew Prod: S 2 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource    | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 3FUSIONRENT | Fusion Rental                | 1.00     | 0.50     | WK   | 2,800.00  | 108.500  | 3,038.00  | 1,519.00 |
| 4HAUL       | Hauling - Sub                | 1.00     | 16.00    | HR   | 145.00    | 100.000  | 145.00    | 2,320.00 |
| 4SAW        | Sawcutting Sub               | 1.00     | 6.00     | HR   | 190.00    | 100.000  | 190.00    | 1,140.00 |
| 4WATER      | Water Truck                  | 1.00     | 16.00    | HR   | 128.00    | 100.000  | 128.00    | 2,048.00 |
| 8267        | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 16.00    | HR   | 111.02    | 108.500  | 120.46    | 1,927.31 |
| 8276        | EXCAVATOR SMALL              | 1.00     | 16.00    | HR   | 130.15    | 108.500  | 141.21    | 2,259.37 |
| 8UTLPU      | Utility Pickup               | 1.00     | 16.00    | HR   | 49.88     | 100.000  | 49.88     | 798.08   |
| LABORER     | Laborer                      | 2.00     | 32.00    | MH   | 65.00     | 100.000  | 87.35     | 2,795.31 |
| OPER4       | Operator Foreman             | 1.00     | 16.00    | MH   | 92.00     | 100.000  | 123.64    | 1,978.22 |
| OPERATOR    | Operator                     | 2.00     | 32.00    | MH   | 87.00     | 100.000  | 116.92    | 3,741.42 |

Activity: 339900.01.1 Sliplining Approach and Receiving Pits Quantity: 2.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Matls | Const Matls | Sub      | Total    |
|---------|------------|----------|-------------|-----------|------------|-------------|----------|----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 1,246.19  | 0.00       | 0.00        | 1,092.00 | 4,466.93 |
| Total   | 3,168.00   | 1,089.48 | 4,257.48    | 2,492.37  | 0.00       | 0.00        | 2,184.00 | 8,933.85 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 3,374.9250   | 4.0000        | 0.2500        | 843.7313     | 1.0000 | 2.0000      | 0.5000      | 8,933.8500 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 40.0000  | 0.0500  | 20.0000 | 106.4370       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE Small Pipe Crew Prod: S 1 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4HAUL    | Hauling - Sub                | 1.00     | 8.00     | HR   | 145.00    | 100.000  | 145.00    | 1,160.00 |
| 4WATER   | Water Truck                  | 1.00     | 8.00     | HR   | 128.00    | 100.000  | 128.00    | 1,024.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |

|          |                  |      |       |    |        |         |        |          |
|----------|------------------|------|-------|----|--------|---------|--------|----------|
| 8276     | EXCAVATOR SMALL  | 1.00 | 8.00  | HR | 130.15 | 108.500 | 141.21 | 1,129.68 |
| 8UTLPU   | Utility Pickup   | 1.00 | 8.00  | HR | 49.88  | 100.000 | 49.88  | 399.04   |
| LABORER  | Laborer          | 2.00 | 16.00 | MH | 65.00  | 100.000 | 87.35  | 1,397.66 |
| OPER4    | Operator Foreman | 1.00 | 8.00  | MH | 92.00  | 100.000 | 123.64 | 989.11   |
| OPERATOR | Operator         | 2.00 | 16.00 | MH | 87.00  | 100.000 | 116.92 | 1,870.71 |

Activity: 339900.05 Potholing Quantity: 4.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|----------|-----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 722.85    | 0.00      | 0.00       | 500.00   | 3,351.59  |
| Total   | 6,336.00   | 2,178.95 | 8,514.95    | 2,891.41  | 0.00      | 0.00       | 2,000.00 | 13,406.36 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 2,851.5900   | 4.0000        | 0.2500        | 712.8975     | 2.0000 | 2.0000      | 0.5000      | 6,703.1800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 80.0000  | 0.0500  | 20.0000 | 106.4369       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: HU 4 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 5.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4VACTOR  | Vactor Truck                 | 1.00     | 8.00     | HR   | 250.00    | 100.000  | 250.00    | 2,000.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 0.50     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8276     | EXCAVATOR SMALL              | 0.50     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68 |
| 8UTLPU   | Utility Pickup               | 1.00     | 16.00    | HR   | 49.88     | 100.000  | 49.88     | 798.08   |
| LABORER  | Laborer                      | 2.00     | 32.00    | MH   | 65.00     | 100.000  | 87.35     | 2,795.31 |
| OPER4    | Operator Foreman             | 1.00     | 16.00    | MH   | 92.00     | 100.000  | 123.64    | 1,978.22 |
| OPERATOR | Operator                     | 2.00     | 32.00    | MH   | 87.00     | 100.000  | 116.92    | 3,741.42 |

Activity: 402319.01 Pipe Testing/Cleaning Quantity: 500.00 Unit: LF

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total    |
|---------|------------|--------|-------------|-----------|-----------|------------|------|----------|
| U. Cost | 4.94       | 1.70   | 6.64        | 2.73      | 0.54      | 0.54       | 0.00 | 10.45    |
| Total   | 2,472.00   | 850.12 | 3,322.12    | 1,362.69  | 271.25    | 271.25     | 0.00 | 5,227.31 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 9.3696       | 0.0160        | 62.5000       | 585.6013     | 1.0000 | 500.0000    | 0.0020      | 5,227.3100 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 32.0000  | 15.6250 | 0.0640  | 103.8163       | 4.9440          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 4.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2PIPEMTL | Pipe Materials - Permanent   | 1.00     | 500.00   | LF   | 0.50      | 108.500  | 0.54      | 271.25   |
| 3BACT    | Bacteria Testing             | 1.00     | 1.00     | EA   | 250.00    | 108.500  | 271.25    | 271.25   |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8UTLPU   | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04   |
| LABORER  | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66 |
| OPER4    | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR | Operator                     | 1.00     | 8.00     | MH   | 87.00     | 100.000  | 116.92    | 935.35   |

**Biditem**

**Slipline Northwoods/Driving Range**

**510**

Takeoff Qty: 935.000 LF  
 Bid Qty: 935.000 LF

**Client #: Slipline 2**

|              | Base Labor       | Burden           | Total Labor      | Equipment        | Perm Mats        | Const Mats      | Sub               | Total             |
|--------------|------------------|------------------|------------------|------------------|------------------|-----------------|-------------------|-------------------|
| U. Cost      | 36.25            | 12.47            | 48.71            | 26.23            | 43.51            | 3.54            | 112.10            | 234.09            |
| <b>Total</b> | <b>33,892.00</b> | <b>11,655.46</b> | <b>45,547.46</b> | <b>24,527.44</b> | <b>40,678.99</b> | <b>3,309.25</b> | <b>104,813.50</b> | <b>218,876.64</b> |

|  | Manhours | Unit/MH | MH/Unit | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|--|----------|---------|---------|----------|---------------|----------------|---------|
|  | 428.0000 | 2.1846  | 0.4578  | 511.3940 | 79.1869       | 106.4193       | 11.1310 |

**Activity: 312500.02 Pipeline Materials Quantity: 935.00 Unit: LF**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats        | Const Mats  | Sub             | Total            |
|--------------|-------------|-------------|-------------|-------------|------------------|-------------|-----------------|------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 42.60            | 0.00        | 8.70            | 51.30            |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>39,829.70</b> | <b>0.00</b> | <b>8,134.50</b> | <b>47,964.20</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description                | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|----------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 2MISCMTL | Misc Materials             | 1.00     | 935.00   | LF   | 1.00      | 108.500  | 1.09      | 1,014.48  |
| 2PIPEFTG | Pipe Fittings              | 1.00     | 1.00     | LS   | 7,500.00  | 108.500  | 8,137.50  | 8,137.50  |
| 2PIPEMTL | Pipe Materials - Permanent | 1.00     | 935.00   | LF   | 24.00     | 108.500  | 26.04     | 24,347.40 |
| 2SAND    | Bedding Sand - FOB Plant   | 1.00     | 364.65   | TON  | 16.00     | 108.500  | 17.36     | 6,330.32  |
| 4HAUL    | Hauling - Sub              | 1.00     | 56.10    | HR   | 145.00    | 100.000  | 145.00    | 8,134.50  |

**Activity: 339900.01.2 Slipline Sub Quantity: 935.00 Unit: LF**

|              | Base Labor      | Burden          | Total Labor     | Equipment       | Perm Mats   | Const Mats  | Sub              | Total            |
|--------------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|------------------|------------------|
| U. Cost      | 3.39            | 1.17            | 4.55            | 2.67            | 0.00        | 0.00        | 85.00            | 92.22            |
| <b>Total</b> | <b>3,168.00</b> | <b>1,089.48</b> | <b>4,257.48</b> | <b>2,492.37</b> | <b>0.00</b> | <b>0.00</b> | <b>79,475.00</b> | <b>86,224.85</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 7.2191       | 0.0086        | 116.8750      | 843.7313     | 1.0000 | 935.0000    | 0.0011      | 86,224.8500 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 40.0000  | 23.3750 | 0.0428  | 106.4370       | 3.3882          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource  | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4SLIPLINE | Slipline Sub                 | 1.00     | 935.00   | LF   | 85.00     | 100.000  | 85.00     | 79,475.00 |
| 8267      | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65    |
| 8276      | EXCAVATOR SMALL              | 1.00     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68  |
| 8UTLPU    | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04    |
| LABORER   | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66  |
| OPER4     | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11    |
| OPERATOR  | Operator                     | 2.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71  |

**Activity: 321216.02 AC Patch Paving Quantity: 100.00 Unit: SF**

|              | Base Labor      | Burden          | Total Labor     | Equipment       | Perm Mats     | Const Mats  | Sub           | Total           |
|--------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------|---------------|-----------------|
| U. Cost      | 29.08           | 10.00           | 39.08           | 28.27           | 3.42          | 0.00        | 5.80          | 76.57           |
| <b>Total</b> | <b>2,908.00</b> | <b>1,000.06</b> | <b>3,908.06</b> | <b>2,826.70</b> | <b>342.05</b> | <b>0.00</b> | <b>580.00</b> | <b>7,656.81</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 67.3476      | 0.0400        | 25.0000       | 1,683.6900   | 0.5000 | 200.0000    | 0.0050      | 15,313.6200 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 36.0000  | 2.7778  | 0.3600  | 108.5572       | 29.0800         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAVE (Mod) Asphalt Paving Prod: CH 4 Eff: 100.00 Crew Hrs: 4.00 Labor Pcs: 9.00 Equipment Pcs: 6.00

| Resource    | Description           | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|-----------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2ACPAVEMENT | Asphalt               | 1.00     | 3.25     | TON  | 97.00     | 108.500  | 105.25    | 342.05   |
| 4HAUL       | Hauling - Sub         | 1.00     | 4.00     | HR   | 145.00    | 100.000  | 145.00    | 580.00   |
| 8042        | ROLLER MD DOUBLE DRUM | 1.00     | 4.00     | HR   | 62.64     | 108.500  | 67.97     | 271.86   |
| 8043        | ROLLER LG DOUBLE DRUM | 1.00     | 4.00     | HR   | 75.10     | 108.500  | 81.48     | 325.93   |
| 8272        | LOADER LANDSCAPER 4WD | 1.00     | 4.00     | HR   | 41.69     | 108.500  | 45.24     | 180.95   |
| 8326        | 4000 GAL WATER TRUCK  | 1.00     | 4.00     | HR   | 126.37    | 108.500  | 137.11    | 548.44   |
| 8998        | AC PAVER              | 1.00     | 4.00     | HR   | 325.00    | 100.000  | 325.00    | 1,300.00 |
| 8UTLPU      | Utility Pickup        | 1.00     | 4.00     | HR   | 49.88     | 100.000  | 49.88     | 199.52   |
| LABORER     | Laborer               | 3.00     | 12.00    | MH   | 65.00     | 100.000  | 87.35     | 1,048.24 |
| OPER4       | Operator Foreman      | 2.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR    | Operator              | 4.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71 |

Activity: 339900.01.0 Install Pipelines - Dig/Lay/Backfill Quantity: 935.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Matls | Const Matls | Sub       | Total     |
|---------|------------|----------|-------------|-----------|------------|-------------|-----------|-----------|
| U. Cost | 13.55      | 4.66     | 18.21       | 10.66     | 0.00       | 3.25        | 10.97     | 43.09     |
| Total   | 12,672.00  | 4,357.90 | 17,029.90   | 9,969.51  | 0.00       | 3,038.00    | 10,256.00 | 40,293.41 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 28.8764      | 0.0342        | 29.2188       | 843.7316     | 4.0000 | 233.7500    | 0.0043      | 10,073.3525 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 160.0000 | 5.8438  | 0.1711  | 106.4369       | 13.5529         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: S 4 Eff: 100.00 Crew Hrs: 32.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource    | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 3FUSIONRENT | Fusion Rental                | 1.00     | 1.00     | WK   | 2,800.00  | 108.500  | 3,038.00  | 3,038.00 |
| 4HAUL       | Hauling - Sub                | 1.00     | 32.00    | HR   | 145.00    | 100.000  | 145.00    | 4,640.00 |
| 4SAW        | Sawcutting Sub               | 1.00     | 8.00     | HR   | 190.00    | 100.000  | 190.00    | 1,520.00 |
| 4WATER      | Water Truck                  | 1.00     | 32.00    | HR   | 128.00    | 100.000  | 128.00    | 4,096.00 |
| 8267        | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 32.00    | HR   | 111.02    | 108.500  | 120.46    | 3,854.61 |
| 8276        | EXCAVATOR SMALL              | 1.00     | 32.00    | HR   | 130.15    | 108.500  | 141.21    | 4,518.74 |
| 8UTLPU      | Utility Pickup               | 1.00     | 32.00    | HR   | 49.88     | 100.000  | 49.88     | 1,596.16 |
| LABORER     | Laborer                      | 2.00     | 64.00    | MH   | 65.00     | 100.000  | 87.35     | 5,590.62 |
| OPER4       | Operator Foreman             | 1.00     | 32.00    | MH   | 92.00     | 100.000  | 123.64    | 3,956.44 |
| OPERATOR    | Operator                     | 2.00     | 64.00    | MH   | 87.00     | 100.000  | 116.92    | 7,482.84 |

Activity: 339900.01.1 Sliplining Approach and Receiving Pits Quantity: 2.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Matls | Const Matls | Sub      | Total     |
|---------|------------|----------|-------------|-----------|------------|-------------|----------|-----------|
| U. Cost | 3,168.00   | 1,089.48 | 4,257.48    | 2,492.38  | 0.00       | 0.00        | 2,184.00 | 8,933.86  |
| Total   | 6,336.00   | 2,178.95 | 8,514.95    | 4,984.76  | 0.00       | 0.00        | 4,368.00 | 17,867.71 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 6,749.8550   | 8.0000        | 0.1250        | 843.7319     | 2.0000 | 1.0000      | 1.0000      | 8,933.8550 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 80.0000  | 0.0250  | 40.0000 | 106.4369       | 3,168.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: S 2 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4HAUL    | Hauling - Sub                | 1.00     | 16.00    | HR   | 145.00    | 100.000  | 145.00    | 2,320.00 |
| 4WATER   | Water Truck                  | 1.00     | 16.00    | HR   | 128.00    | 100.000  | 128.00    | 2,048.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 16.00    | HR   | 111.02    | 108.500  | 120.46    | 1,927.31 |

|          |                  |      |       |    |        |         |        |          |
|----------|------------------|------|-------|----|--------|---------|--------|----------|
| 8276     | EXCAVATOR SMALL  | 1.00 | 16.00 | HR | 130.15 | 108.500 | 141.21 | 2,259.37 |
| 8UTLPU   | Utility Pickup   | 1.00 | 16.00 | HR | 49.88  | 100.000 | 49.88  | 798.08   |
| LABORER  | Laborer          | 2.00 | 32.00 | MH | 65.00  | 100.000 | 87.35  | 2,795.31 |
| OPER4    | Operator Foreman | 1.00 | 16.00 | MH | 92.00  | 100.000 | 123.64 | 1,978.22 |
| OPERATOR | Operator         | 2.00 | 32.00 | MH | 87.00  | 100.000 | 116.92 | 3,741.42 |

Activity: 339900.05 Potholing Quantity: 4.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Matls | Const Matls | Sub      | Total     |
|---------|------------|----------|-------------|-----------|------------|-------------|----------|-----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 722.85    | 0.00       | 0.00        | 500.00   | 3,351.59  |
| Total   | 6,336.00   | 2,178.95 | 8,514.95    | 2,891.41  | 0.00       | 0.00        | 2,000.00 | 13,406.36 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 2,851.5900   | 4.0000        | 0.2500        | 712.8975     | 2.0000 | 2.0000      | 0.5000      | 6,703.1800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 80.0000  | 0.0500  | 20.0000 | 106.4369       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: HU 4 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 5.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4VACTOR  | Vactor Truck                 | 1.00     | 8.00     | HR   | 250.00    | 100.000  | 250.00    | 2,000.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 0.50     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8276     | EXCAVATOR SMALL              | 0.50     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68 |
| 8UTLPU   | Utility Pickup               | 1.00     | 16.00    | HR   | 49.88     | 100.000  | 49.88     | 798.08   |
| LABORER  | Laborer                      | 2.00     | 32.00    | MH   | 65.00     | 100.000  | 87.35     | 2,795.31 |
| OPER4    | Operator Foreman             | 1.00     | 16.00    | MH   | 92.00     | 100.000  | 123.64    | 1,978.22 |
| OPERATOR | Operator                     | 2.00     | 32.00    | MH   | 87.00     | 100.000  | 116.92    | 3,741.42 |

Activity: 402319.01 Pipe Testing/Cleaning Quantity: 935.00 Unit: LF

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total    |
|---------|------------|--------|-------------|-----------|------------|-------------|------|----------|
| U. Cost | 2.64       | 0.91   | 3.55        | 1.46      | 0.54       | 0.29        | 0.00 | 5.84     |
| Total   | 2,472.00   | 850.12 | 3,322.12    | 1,362.69  | 507.24     | 271.25      | 0.00 | 5,463.30 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 5.0105       | 0.0086        | 116.8750      | 585.6013     | 1.0000 | 935.0000    | 0.0011      | 5,463.3000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 32.0000  | 29.2188 | 0.0342  | 103.8163       | 2.6439          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 4.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2PIPEMTL | Pipe Materials - Permanent   | 1.00     | 935.00   | LF   | 0.50      | 108.500  | 0.54      | 507.24   |
| 3BACT    | Bacteria Testing             | 1.00     | 1.00     | EA   | 250.00    | 108.500  | 271.25    | 271.25   |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8UTLPU   | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04   |
| LABORER  | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66 |
| OPER4    | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR | Operator                     | 1.00     | 8.00     | MH   | 87.00     | 100.000  | 116.92    | 935.35   |

**Biditem**

**Slipline Skybowl Condos**

**520**

Takeoff Qty: 1,000.000 LF  
 Bid Qty: 1,000.000 LF

**Client #: Slipline 3**

|         | Base Labor | Burden    | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|-----------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 30.72      | 10.57     | 41.29       | 22.04     | 45.63     | 3.58       | 109.48     | 222.02     |
| Total   | 30,724.00  | 10,565.99 | 41,289.99   | 22,035.05 | 45,629.95 | 3,580.50   | 109,480.00 | 222,015.49 |

|  | Manhours | Unit/MH | MH/Unit | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|--|----------|---------|---------|----------|---------------|----------------|---------|
|  | 388.0000 | 2.5773  | 0.3880  | 572.2049 | 79.1856       | 106.4175       | 13.1579 |

Activity: 312500.02 Pipeline Materials Quantity: 1000.00 Unit: LF

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total     |
|---------|------------|--------|-------------|-----------|-----------|------------|----------|-----------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 44.75     | 0.00       | 8.70     | 53.45     |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 44,745.40 | 0.00       | 8,700.00 | 53,445.40 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description                | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|----------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 2MISCMTL | Misc Materials             | 1.00     | 1,000.00 | LF   | 1.00      | 108.500  | 1.09      | 1,085.00  |
| 2PIPEFTG | Pipe Fittings              | 1.00     | 1.00     | LS   | 10,000.00 | 108.500  | 10,850.00 | 10,850.00 |
| 2PIPEMTL | Pipe Materials - Permanent | 1.00     | 1,000.00 | LF   | 24.00     | 108.500  | 26.04     | 26,040.00 |
| 2SAND    | Bedding Sand - FOB Plant   | 1.00     | 390.00   | TON  | 16.00     | 108.500  | 17.36     | 6,770.40  |
| 4HAUL    | Hauling - Sub              | 1.00     | 60.00    | HR   | 145.00    | 100.000  | 145.00    | 8,700.00  |

Activity: 339900.01.2 Slipline Sub Quantity: 1000.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub       | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|-----------|-----------|
| U. Cost | 3.17       | 1.09     | 4.26        | 2.49      | 0.00      | 0.00       | 85.00     | 91.75     |
| Total   | 3,168.00   | 1,089.48 | 4,257.48    | 2,492.37  | 0.00      | 0.00       | 85,000.00 | 91,749.85 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 6.7499       | 0.0080        | 125.0000      | 843.7313     | 1.0000 | 1,000.0000  | 0.0010      | 91,749.8500 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 40.0000  | 25.0000 | 0.0400  | 106.4370       | 3.1680          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource  | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4SLIPLINE | Slipline Sub                 | 1.00     | 1,000.00 | LF   | 85.00     | 100.000  | 85.00     | 85,000.00 |
| 8267      | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65    |
| 8276      | EXCAVATOR SMALL              | 1.00     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68  |
| 8UTLPU    | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04    |
| LABORER   | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66  |
| OPER4     | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11    |
| OPERATOR  | Operator                     | 2.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71  |

Activity: 321216.02 AC Patch Paving Quantity: 100.00 Unit: SF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub    | Total    |
|---------|------------|----------|-------------|-----------|-----------|------------|--------|----------|
| U. Cost | 29.08      | 10.00    | 39.08       | 28.27     | 3.42      | 0.00       | 5.80   | 76.57    |
| Total   | 2,908.00   | 1,000.06 | 3,908.06    | 2,826.70  | 342.05    | 0.00       | 580.00 | 7,656.81 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 67.3476      | 0.0400        | 25.0000       | 1,683.6900   | 0.5000 | 200.0000    | 0.0050      | 15,313.6200 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 36.0000  | 2.7778  | 0.3600  | 108.5572       | 29.0800         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAVE (Mod) Asphalt Paving Prod: CH 4 Eff: 100.00 Crew Hrs: 4.00 Labor Pcs: 9.00 Equipment Pcs: 6.00

| Resource    | Description           | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|-----------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2ACPAVEMENT | Asphalt               | 1.00     | 3.25     | TON  | 97.00     | 108.500  | 105.25    | 342.05   |
| 4HAUL       | Hauling - Sub         | 1.00     | 4.00     | HR   | 145.00    | 100.000  | 145.00    | 580.00   |
| 8042        | ROLLER MD DOUBLE DRUM | 1.00     | 4.00     | HR   | 62.64     | 108.500  | 67.97     | 271.86   |
| 8043        | ROLLER LG DOUBLE DRUM | 1.00     | 4.00     | HR   | 75.10     | 108.500  | 81.48     | 325.93   |
| 8272        | LOADER LANDSCAPER 4WD | 1.00     | 4.00     | HR   | 41.69     | 108.500  | 45.24     | 180.95   |
| 8326        | 4000 GAL WATER TRUCK  | 1.00     | 4.00     | HR   | 126.37    | 108.500  | 137.11    | 548.44   |
| 8998        | AC PAVER              | 1.00     | 4.00     | HR   | 325.00    | 100.000  | 325.00    | 1,300.00 |
| 8UTLPU      | Utility Pickup        | 1.00     | 4.00     | HR   | 49.88     | 100.000  | 49.88     | 199.52   |
| LABORER     | Laborer               | 3.00     | 12.00    | MH   | 65.00     | 100.000  | 87.35     | 1,048.24 |
| OPER4       | Operator Foreman      | 2.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR    | Operator              | 4.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71 |

Activity: 339900.01.0 Install Pipelines - Dig/Lay/Backfill Quantity: 1000.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub       | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|-----------|-----------|
| U. Cost | 12.67      | 4.36     | 17.03       | 9.97      | 0.00      | 3.04       | 11.02     | 41.05     |
| Total   | 12,672.00  | 4,357.90 | 17,029.90   | 9,969.51  | 0.00      | 3,038.00   | 11,016.00 | 41,053.41 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 26.9994      | 0.0320        | 31.2500       | 843.7316     | 4.0000 | 250.0000    | 0.0040      | 10,263.3525 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 160.0000 | 6.2500  | 0.1600  | 106.4369       | 12.6720         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: S 4 Eff: 100.00 Crew Hrs: 32.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource    | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 3FUSIONRENT | Fusion Rental                | 1.00     | 1.00     | WK   | 2,800.00  | 108.500  | 3,038.00  | 3,038.00 |
| 4HAUL       | Hauling - Sub                | 1.00     | 32.00    | HR   | 145.00    | 100.000  | 145.00    | 4,640.00 |
| 4SAW        | Sawcutting Sub               | 1.00     | 12.00    | HR   | 190.00    | 100.000  | 190.00    | 2,280.00 |
| 4WATER      | Water Truck                  | 1.00     | 32.00    | HR   | 128.00    | 100.000  | 128.00    | 4,096.00 |
| 8267        | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 32.00    | HR   | 111.02    | 108.500  | 120.46    | 3,854.61 |
| 8276        | EXCAVATOR SMALL              | 1.00     | 32.00    | HR   | 130.15    | 108.500  | 141.21    | 4,518.74 |
| 8UTLPU      | Utility Pickup               | 1.00     | 32.00    | HR   | 49.88     | 100.000  | 49.88     | 1,596.16 |
| LABORER     | Laborer                      | 2.00     | 64.00    | MH   | 65.00     | 100.000  | 87.35     | 5,590.62 |
| OPER4       | Operator Foreman             | 1.00     | 32.00    | MH   | 92.00     | 100.000  | 123.64    | 3,956.44 |
| OPERATOR    | Operator                     | 2.00     | 64.00    | MH   | 87.00     | 100.000  | 116.92    | 7,482.84 |

Activity: 339900.01.1 Sliplining Approach and Receiving Pits Quantity: 2.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total    |
|---------|------------|----------|-------------|-----------|-----------|------------|----------|----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 1,246.19  | 0.00      | 0.00       | 1,092.00 | 4,466.93 |
| Total   | 3,168.00   | 1,089.48 | 4,257.48    | 2,492.37  | 0.00      | 0.00       | 2,184.00 | 8,933.85 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 3,374.9250   | 4.0000        | 0.2500        | 843.7313     | 1.0000 | 2.0000      | 0.5000      | 8,933.8500 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 40.0000  | 0.0500  | 20.0000 | 106.4370       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: S 1 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4HAUL    | Hauling - Sub                | 1.00     | 8.00     | HR   | 145.00    | 100.000  | 145.00    | 1,160.00 |
| 4WATER   | Water Truck                  | 1.00     | 8.00     | HR   | 128.00    | 100.000  | 128.00    | 1,024.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |

|          |                  |      |       |    |        |         |        |          |
|----------|------------------|------|-------|----|--------|---------|--------|----------|
| 8276     | EXCAVATOR SMALL  | 1.00 | 8.00  | HR | 130.15 | 108.500 | 141.21 | 1,129.68 |
| 8UTLPU   | Utility Pickup   | 1.00 | 8.00  | HR | 49.88  | 100.000 | 49.88  | 399.04   |
| LABORER  | Laborer          | 2.00 | 16.00 | MH | 65.00  | 100.000 | 87.35  | 1,397.66 |
| OPER4    | Operator Foreman | 1.00 | 8.00  | MH | 92.00  | 100.000 | 123.64 | 989.11   |
| OPERATOR | Operator         | 2.00 | 16.00 | MH | 87.00  | 100.000 | 116.92 | 1,870.71 |

Activity: 339900.05 Potholing Quantity: 4.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|----------|-----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 722.85    | 0.00      | 0.00       | 500.00   | 3,351.59  |
| Total   | 6,336.00   | 2,178.95 | 8,514.95    | 2,891.41  | 0.00      | 0.00       | 2,000.00 | 13,406.36 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 2,851.5900   | 4.0000        | 0.2500        | 712.8975     | 2.0000 | 2.0000      | 0.5000      | 6,703.1800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 80.0000  | 0.0500  | 20.0000 | 106.4369       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: HU 4 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 5.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4VACTOR  | Vactor Truck                 | 1.00     | 8.00     | HR   | 250.00    | 100.000  | 250.00    | 2,000.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 0.50     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8276     | EXCAVATOR SMALL              | 0.50     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68 |
| 8UTLPU   | Utility Pickup               | 1.00     | 16.00    | HR   | 49.88     | 100.000  | 49.88     | 798.08   |
| LABORER  | Laborer                      | 2.00     | 32.00    | MH   | 65.00     | 100.000  | 87.35     | 2,795.31 |
| OPER4    | Operator Foreman             | 1.00     | 16.00    | MH   | 92.00     | 100.000  | 123.64    | 1,978.22 |
| OPERATOR | Operator                     | 2.00     | 32.00    | MH   | 87.00     | 100.000  | 116.92    | 3,741.42 |

Activity: 402319.01 Pipe Testing/Cleaning Quantity: 1000.00 Unit: LF

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total    |
|---------|------------|--------|-------------|-----------|-----------|------------|------|----------|
| U. Cost | 2.47       | 0.85   | 3.32        | 1.36      | 0.54      | 0.54       | 0.00 | 5.77     |
| Total   | 2,472.00   | 850.12 | 3,322.12    | 1,362.69  | 542.50    | 542.50     | 0.00 | 5,769.81 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 4.6848       | 0.0080        | 125.0000      | 585.6013     | 1.0000 | 1,000.0000  | 0.0010      | 5,769.8100 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 32.0000  | 31.2500 | 0.0320  | 103.8163       | 2.4720          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 4.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2PIPEMTL | Pipe Materials - Permanent   | 1.00     | 1,000.00 | LF   | 0.50      | 108.500  | 0.54      | 542.50   |
| 3BACT    | Bacteria Testing             | 1.00     | 2.00     | EA   | 250.00    | 108.500  | 271.25    | 542.50   |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8UTLPU   | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04   |
| LABORER  | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66 |
| OPER4    | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR | Operator                     | 1.00     | 8.00     | MH   | 87.00     | 100.000  | 116.92    | 935.35   |

Biditem  
**530**

**Slipline 89/Rainbow Intertie**

Takeoff Qty: 1,012.000 LF  
Bid Qty: 1,012.000 LF

Client #: Slipline 4

|         | Base Labor | Burden    | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|-----------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 32.80      | 11.28     | 44.08       | 23.12     | 45.50     | 3.54       | 108.73     | 224.97     |
| Total   | 33,196.00  | 11,416.11 | 44,612.11   | 23,397.75 | 46,048.76 | 3,580.50   | 110,030.00 | 227,669.12 |

|  | Manhours | Unit/MH | MH/Unit | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|--|----------|---------|---------|----------|---------------|----------------|---------|
|  | 420.0000 | 2.4095  | 0.4150  | 542.0693 | 79.0381       | 106.2193       | 12.0476 |

Activity: 312500.02 Pipeline Materials Quantity: 1012.00 Unit: LF

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total     |
|---------|------------|--------|-------------|-----------|-----------|------------|----------|-----------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 44.62     | 0.00       | 8.88     | 53.51     |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 45,157.70 | 0.00       | 8,990.00 | 54,147.70 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description                | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|----------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 2MISCMTL | Misc Materials             | 1.00     | 1,012.00 | LF   | 1.00      | 108.500  | 1.09      | 1,098.02  |
| 2PIPEFTG | Pipe Fittings              | 1.00     | 1.00     | LS   | 10,000.00 | 108.500  | 10,850.00 | 10,850.00 |
| 2PIPEMTL | Pipe Materials - Permanent | 1.00     | 1,012.00 | LF   | 24.00     | 108.500  | 26.04     | 26,352.48 |
| 2SAND    | Bedding Sand - FOB Plant   | 1.00     | 395.00   | TON  | 16.00     | 108.500  | 17.36     | 6,857.20  |
| 4HAUL    | Hauling - Sub              | 1.00     | 62.00    | HR   | 145.00    | 100.000  | 145.00    | 8,990.00  |

Activity: 339900.01.2 Slipline Sub Quantity: 1012.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub       | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|-----------|-----------|
| U. Cost | 3.13       | 1.08     | 4.21        | 2.46      | 0.00      | 0.00       | 85.00     | 91.67     |
| Total   | 3,168.00   | 1,089.48 | 4,257.48    | 2,492.37  | 0.00      | 0.00       | 86,020.00 | 92,769.85 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 6.6698       | 0.0079        | 126.5000      | 843.7313     | 1.0000 | 1,012.0000  | 0.0010      | 92,769.8500 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 40.0000  | 25.3000 | 0.0395  | 106.4370       | 3.1304          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource  | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4SLIPLINE | Slipline Sub                 | 1.00     | 1,012.00 | LF   | 85.00     | 100.000  | 85.00     | 86,020.00 |
| 8267      | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65    |
| 8276      | EXCAVATOR SMALL              | 1.00     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68  |
| 8UTLPU    | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04    |
| LABORER   | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66  |
| OPER4     | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11    |
| OPERATOR  | Operator                     | 2.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71  |

Activity: 321216.02 AC Patch Paving Quantity: 100.00 Unit: SF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub    | Total    |
|---------|------------|----------|-------------|-----------|-----------|------------|--------|----------|
| U. Cost | 29.08      | 10.00    | 39.08       | 28.27     | 3.42      | 0.00       | 5.80   | 76.57    |
| Total   | 2,908.00   | 1,000.06 | 3,908.06    | 2,826.70  | 342.05    | 0.00       | 580.00 | 7,656.81 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 67.3476      | 0.0400        | 25.0000       | 1,683.6900   | 0.5000 | 200.0000    | 0.0050      | 15,313.6200 |

|  | Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|----------|---------|---------|----------------|-----------------|
|  | 36.0000  | 2.7778  | 0.3600  | 108.5572       | 29.0800         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAVE (Mod) Asphalt Paving Prod: CH 4 Eff: 100.00 Crew Hrs: 4.00 Labor Pcs: 9.00 Equipment Pcs: 6.00

| Resource    | Description           | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|-----------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2ACPAVEMENT | Asphalt               | 1.00     | 3.25     | TON  | 97.00     | 108.500  | 105.25    | 342.05   |
| 4HAUL       | Hauling - Sub         | 1.00     | 4.00     | HR   | 145.00    | 100.000  | 145.00    | 580.00   |
| 8042        | ROLLER MD DOUBLE DRUM | 1.00     | 4.00     | HR   | 62.64     | 108.500  | 67.97     | 271.86   |
| 8043        | ROLLER LG DOUBLE DRUM | 1.00     | 4.00     | HR   | 75.10     | 108.500  | 81.48     | 325.93   |
| 8272        | LOADER LANDSCAPER 4WD | 1.00     | 4.00     | HR   | 41.69     | 108.500  | 45.24     | 180.95   |
| 8326        | 4000 GAL WATER TRUCK  | 1.00     | 4.00     | HR   | 126.37    | 108.500  | 137.11    | 548.44   |
| 8998        | AC PAVER              | 1.00     | 4.00     | HR   | 325.00    | 100.000  | 325.00    | 1,300.00 |
| 8UTLPU      | Utility Pickup        | 1.00     | 4.00     | HR   | 49.88     | 100.000  | 49.88     | 199.52   |
| LABORER     | Laborer               | 3.00     | 12.00    | MH   | 65.00     | 100.000  | 87.35     | 1,048.24 |
| OPER4       | Operator Foreman      | 2.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR    | Operator              | 4.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71 |

Activity: 339900.01.0 Install Pipelines - Dig/Lay/Backfill Quantity: 1012.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub       | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|-----------|-----------|
| U. Cost | 12.52      | 4.31     | 16.83       | 9.85      | 0.00      | 3.00       | 10.13     | 39.82     |
| Total   | 12,672.00  | 4,357.90 | 17,029.90   | 9,969.51  | 0.00      | 3,038.00   | 10,256.00 | 40,293.41 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|-------------|
| 26.6793      | 0.0316        | 31.6250       | 843.7316     | 4.0000 | 253.0000    | 0.0040      | 10,073.3525 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 160.0000 | 6.3250  | 0.1581  | 106.4369       | 12.5217         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE Small Pipe Crew Prod: S 4 Eff: 100.00 Crew Hrs: 32.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource    | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 3FUSIONRENT | Fusion Rental                | 1.00     | 1.00     | WK   | 2,800.00  | 108.500  | 3,038.00  | 3,038.00 |
| 4HAUL       | Hauling - Sub                | 1.00     | 32.00    | HR   | 145.00    | 100.000  | 145.00    | 4,640.00 |
| 4SAW        | Sawcutting Sub               | 1.00     | 8.00     | HR   | 190.00    | 100.000  | 190.00    | 1,520.00 |
| 4WATER      | Water Truck                  | 1.00     | 32.00    | HR   | 128.00    | 100.000  | 128.00    | 4,096.00 |
| 8267        | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 32.00    | HR   | 111.02    | 108.500  | 120.46    | 3,854.61 |
| 8276        | EXCAVATOR SMALL              | 1.00     | 32.00    | HR   | 130.15    | 108.500  | 141.21    | 4,518.74 |
| 8UTLPU      | Utility Pickup               | 1.00     | 32.00    | HR   | 49.88     | 100.000  | 49.88     | 1,596.16 |
| LABORER     | Laborer                      | 2.00     | 64.00    | MH   | 65.00     | 100.000  | 87.35     | 5,590.62 |
| OPER4       | Operator Foreman             | 1.00     | 32.00    | MH   | 92.00     | 100.000  | 123.64    | 3,956.44 |
| OPERATOR    | Operator                     | 2.00     | 64.00    | MH   | 87.00     | 100.000  | 116.92    | 7,482.84 |

Activity: 339900.01.1 Sliplining Approach and Receiving Pits Quantity: 2.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total    |
|---------|------------|----------|-------------|-----------|-----------|------------|----------|----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 1,246.19  | 0.00      | 0.00       | 1,092.00 | 4,466.93 |
| Total   | 3,168.00   | 1,089.48 | 4,257.48    | 2,492.37  | 0.00      | 0.00       | 2,184.00 | 8,933.85 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 3,374.9250   | 4.0000        | 0.2500        | 843.7313     | 1.0000 | 2.0000      | 0.5000      | 8,933.8500 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 40.0000  | 0.0500  | 20.0000 | 106.4370       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE Small Pipe Crew Prod: S 1 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4HAUL    | Hauling - Sub                | 1.00     | 8.00     | HR   | 145.00    | 100.000  | 145.00    | 1,160.00 |
| 4WATER   | Water Truck                  | 1.00     | 8.00     | HR   | 128.00    | 100.000  | 128.00    | 1,024.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |

|          |                  |      |       |    |        |         |        |          |
|----------|------------------|------|-------|----|--------|---------|--------|----------|
| 8276     | EXCAVATOR SMALL  | 1.00 | 8.00  | HR | 130.15 | 108.500 | 141.21 | 1,129.68 |
| 8UTLPU   | Utility Pickup   | 1.00 | 8.00  | HR | 49.88  | 100.000 | 49.88  | 399.04   |
| LABORER  | Laborer          | 2.00 | 16.00 | MH | 65.00  | 100.000 | 87.35  | 1,397.66 |
| OPER4    | Operator Foreman | 1.00 | 8.00  | MH | 92.00  | 100.000 | 123.64 | 989.11   |
| OPERATOR | Operator         | 2.00 | 16.00 | MH | 87.00  | 100.000 | 116.92 | 1,870.71 |

Activity: 339900.05 Potholing Quantity: 4.00 Unit: EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|----------|-----------|
| U. Cost | 1,584.00   | 544.74   | 2,128.74    | 722.85    | 0.00      | 0.00       | 500.00   | 3,351.59  |
| Total   | 6,336.00   | 2,178.95 | 8,514.95    | 2,891.41  | 0.00      | 0.00       | 2,000.00 | 13,406.36 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 2,851.5900   | 4.0000        | 0.2500        | 712.8975     | 2.0000 | 2.0000      | 0.5000      | 6,703.1800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 80.0000  | 0.0500  | 20.0000 | 106.4369       | 1,584.0000      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: HU 4 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 5.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4VACTOR  | Vactor Truck                 | 1.00     | 8.00     | HR   | 250.00    | 100.000  | 250.00    | 2,000.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 0.50     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8276     | EXCAVATOR SMALL              | 0.50     | 8.00     | HR   | 130.15    | 108.500  | 141.21    | 1,129.68 |
| 8UTLPU   | Utility Pickup               | 1.00     | 16.00    | HR   | 49.88     | 100.000  | 49.88     | 798.08   |
| LABORER  | Laborer                      | 2.00     | 32.00    | MH   | 65.00     | 100.000  | 87.35     | 2,795.31 |
| OPER4    | Operator Foreman             | 1.00     | 16.00    | MH   | 92.00     | 100.000  | 123.64    | 1,978.22 |
| OPERATOR | Operator                     | 2.00     | 32.00    | MH   | 87.00     | 100.000  | 116.92    | 3,741.42 |

Activity: 402319.01 Pipe Testing/Cleaning Quantity: 1012.00 Unit: LF

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|------|-----------|
| U. Cost | 4.89       | 1.68     | 6.57        | 2.69      | 0.54      | 0.54       | 0.00 | 10.34     |
| Total   | 4,944.00   | 1,700.24 | 6,644.24    | 2,725.39  | 549.01    | 542.50     | 0.00 | 10,461.14 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 9.2585       | 0.0158        | 63.2500       | 585.6019     | 2.0000 | 506.0000    | 0.0020      | 5,230.5700 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 64.0000  | 15.8125 | 0.0632  | 103.8163       | 4.8854          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPIPE (Mod) Small Pipe Crew Prod: CH 16 Eff: 100.00 Crew Hrs: 16.00 Labor Pcs: 4.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2PIPEMTL | Pipe Materials - Permanent   | 1.00     | 1,012.00 | LF   | 0.50      | 108.500  | 0.54      | 549.01   |
| 3BACT    | Bacteria Testing             | 1.00     | 2.00     | EA   | 250.00    | 108.500  | 271.25    | 542.50   |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 16.00    | HR   | 111.02    | 108.500  | 120.46    | 1,927.31 |
| 8UTLPU   | Utility Pickup               | 1.00     | 16.00    | HR   | 49.88     | 100.000  | 49.88     | 798.08   |
| LABORER  | Laborer                      | 2.00     | 32.00    | MH   | 65.00     | 100.000  | 87.35     | 2,795.31 |
| OPER4    | Operator Foreman             | 1.00     | 16.00    | MH   | 92.00     | 100.000  | 123.64    | 1,978.22 |
| OPERATOR | Operator                     | 1.00     | 16.00    | MH   | 87.00     | 100.000  | 116.92    | 1,870.71 |

**Biditem**

**Slipline Traffic Control**

**540**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Slipline TC**

|              | Base Labor       | Burden           | Total Labor      | Equipment        | Perm Mats   | Const Mats       | Sub         | Total            |
|--------------|------------------|------------------|------------------|------------------|-------------|------------------|-------------|------------------|
| U. Cost      | 47,596.80        | 16,368.55        | 63,965.35        | 11,971.20        | 0.00        | 15,864.44        | 0.00        | 91,800.99        |
| <b>Total</b> | <b>47,596.80</b> | <b>16,368.55</b> | <b>63,965.35</b> | <b>11,971.20</b> | <b>0.00</b> | <b>15,864.44</b> | <b>0.00</b> | <b>91,800.99</b> |

| Manhours | Unit/MH | MH/Unit  | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|----------|---------|----------|----------|---------------|----------------|---------|
| 840.0000 | 0.0012  | 840.0000 | 109.2869 | 56.6629       | 76.1492        | 0.0042  |

**Activity: 015526.01 Traffic Control - Paved Road Sections Quantity: 1.00 Unit: LS**

|              | Base Labor       | Burden           | Total Labor      | Equipment        | Perm Mats   | Const Mats       | Sub         | Total            |
|--------------|------------------|------------------|------------------|------------------|-------------|------------------|-------------|------------------|
| U. Cost      | 47,596.80        | 16,368.55        | 63,965.35        | 11,971.20        | 0.00        | 15,864.44        | 0.00        | 91,800.99        |
| <b>Total</b> | <b>47,596.80</b> | <b>16,368.55</b> | <b>63,965.35</b> | <b>11,971.20</b> | <b>0.00</b> | <b>15,864.44</b> | <b>0.00</b> | <b>91,800.99</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 75,936.5500  | 240.0000      | 0.0042        | 316.4023     | 30.0000 | 0.0333      | 30.0000     | 3,060.0330 |

| Manhours | Unit/MH | MH/Unit  | Total Labor/MH | Base Labor/Unit |
|----------|---------|----------|----------------|-----------------|
| 840.0000 | 0.0012  | 840.0000 | 76.1492        | 47,596.8000     |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction  
 Crew: TRAFIC (Mod) Traffic Control Prod: S 30 Eff: 100.00 Crew Hrs: 240.00 Labor Pcs: 3.50 Equipment Pcs: 1.00

Notes: Assumed Traffic Control for paved road alignment  
 13,500 LF +/-

| Resource | Description                   | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 3TCARROW | Traffic Control Arrow Board   | 1.00     | 60.00    | EAD  | 39.00     | 108.500  | 42.32     | 2,538.90  |
| 3TCCONES | Traffic Control Cones         | 1.00     | 1,600.00 | EAD  | 1.75      | 108.500  | 1.90      | 3,038.00  |
| 3TCPLATE | Traffic Control Traffic Plate | 1.00     | 120.00   | EAD  | 50.00     | 108.500  | 54.25     | 6,510.00  |
| 3TCSIGNS | Traffic Control Signs         | 1.00     | 512.00   | EAD  | 6.80      | 108.500  | 7.38      | 3,777.54  |
| 8UTLPU   | Utility Pickup                | 1.00     | 240.00   | HR   | 49.88     | 100.000  | 49.88     | 11,971.20 |
| FLAG     | Flagger                       | 2.00     | 480.00   | MH   | 48.91     | 100.000  | 65.73     | 31,550.48 |
| LAB4     | Labor Foreman                 | 1.00     | 240.00   | MH   | 68.00     | 100.000  | 91.39     | 21,932.45 |
| LABORER  | Laborer                       | 0.50     | 120.00   | MH   | 65.00     | 100.000  | 87.35     | 10,482.42 |

**Biditem**

**550**

**Slipline GA/Fee**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Slipline GA**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,492.83  | 0.00 | 239,492.83 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,492.83  | 0.00 | 239,492.83 |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,492.83  | 0.00 | 239,492.83 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,492.83  | 0.00 | 239,492.83 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2026 | 2026 Escalation | 1.00     | 1,053,011.00 | LS   | 0.05      | 100.000  | 0.05      | 52,650.55  |
| 1SUBFEE  | Sub Fee         | 1.00     | 962,737.00   | LS   | 0.12      | 100.000  | 0.12      | 115,528.44 |
| 1SUBOH   | Sub Overhead    | 1.00     | 891,423.00   | LS   | 0.08      | 100.000  | 0.08      | 71,313.84  |

**Biditem**

**551**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Slipline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 331,691.00 | LS   | 0.25      | 100.000  | 0.25      | 82,922.75 |

**BID PROPOSAL**

| <b>Biditem</b>             | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|----------------------------|--|-----------------|--------------|-------------------|---------------------|
| Donner Trails Tank Rehab   | Donner Trails Tank Rehab                 | 1.000           | LS           | 235,650.99        | 235,650.99          |
| Donner Trails Tank GA      | Donner Trails Tank GA/OH                 | 1.000           | LS           | 58,262.63         | 58,262.63           |
| Donner Trails Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 8,624.44          | 8,624.44            |
|                            |  |                 |              |                   |                     |
|                            | <b>Donner Trails Tank Rehab</b>          |                 |              |                   | <b>\$302,538.06</b> |

# Cost Report

Pre-Construction Services Group  
2025TDPUDCIP TDPUD CIP 2025

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Biditem

**Donner Trails Tank Rehab**

Client #: Donner Trails Tank Rehab

**10**

Takeoff Qty: 1.000 LS  
Bid Qty: 1.000 LS

|         | Base Labor | Burden    | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|-----------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 97,641.36  | 33,578.87 | 131,220.23  | 32,799.60 | 34,177.50  | 35,262.50   | 0.00 | 233,459.83 |
| Total   | 97,641.36  | 33,578.87 | 131,220.23  | 32,799.60 | 34,177.50  | 35,262.50   | 0.00 | 233,459.83 |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 1,476.0000 | 0.0007  | 1,476.0000 | 158.1706 | 66.1527       | 88.9026        | 0.0028  |

Activity: 41001.01 Tank Rehab Quantity: 160000.00 Unit: GAL

|         | Base Labor | Burden    | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|-----------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.61       | 0.21      | 0.82        | 0.20      | 0.21       | 0.22        | 0.00 | 1.46       |
| Total   | 97,641.36  | 33,578.87 | 131,220.23  | 32,799.60 | 34,177.50  | 35,262.50   | 0.00 | 233,459.83 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 1.0251       | 0.0023        | 444.4444      | 455.6106     | 45.0000 | 3,555.5556  | 0.0003      | 5,187.9962 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,476.0000 | 108.4011 | 0.0092  | 88.9026        | 0.6103          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 45 Eff: 100.00 Crew Hrs: 360.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 17,000.00 | 108.500  | 18,445.00 | 18,445.00 |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50 |
| 3GREENSAND | Sandblast Sand          | 1.00     | 290.00   | BAG  | 80.00     | 108.500  | 86.80     | 25,172.00 |
| 3SANDPOT   | Sand Pot                | 1.00     | 30.00    | DAY  | 110.00    | 108.500  | 119.35    | 3,580.50  |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 6,000.00  | 108.500  | 6,510.00  | 6,510.00  |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 360.00   | HR   | 38.00     | 108.500  | 41.23     | 14,842.80 |
| 8UTLPU     | Utility Pickup          | 1.00     | 360.00   | HR   | 49.88     | 100.000  | 49.88     | 17,956.80 |
| IRON       | Iron Worker             | 0.10     | 36.00    | MH   | 82.86     | 100.000  | 111.36    | 4,008.80  |
| LABORER    | Laborer                 | 1.00     | 360.00   | MH   | 65.00     | 100.000  | 87.35     | 31,447.26 |
| PAINT      | Painter                 | 3.00     | 1,080.00 | MH   | 65.98     | 100.000  | 88.67     | 95,764.17 |

**Biditem**

**Donner Trails Tank GA/OH**

**Client #: Donner Trails Tank GA**

**12**

Takeoff Qty: 1.000 LS

Bid Qty: 1.000 LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls      | Sub         | Total            |
|--------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 57,720.89        | 0.00        | 57,720.89        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>57,720.89</b> | <b>0.00</b> | <b>57,720.89</b> |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls      | Sub         | Total            |
|--------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 57,720.89        | 0.00        | 57,720.89        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>57,720.89</b> | <b>0.00</b> | <b>57,720.89</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ESC2026 | 2026 Escalation | 1.00     | 258,513.00 | LS   | 0.05      | 100.000  | 0.05      | 12,925.65 |
| 1SUBFEE  | Sub Fee         | 1.00     | 230,815.00 | LS   | 0.12      | 100.000  | 0.12      | 27,697.80 |
| 1SUBOH   | Sub Overhead    | 1.00     | 213,718.00 | LS   | 0.08      | 100.000  | 0.08      | 17,097.44 |

**Biditem**

**14**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Donner Trails Tariff Allow**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|----------|
| 1ALLOWANCE | Allowance   | 1.00     | 34,177.00 | LS   | 0.25      | 100.000  | 0.25      | 8,544.25 |

**BID PROPOSAL**

| <b>Biditem</b>          | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|-------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Martis Woods PS         | Martis Wood Pump Station Replacement     | 1.000           | LS           | 1,688,702.09      | 1,688,702.09          |
| Martis Woods GA         | Martis Woods PS GA/Fee                   | 1.000           | LS           | 456,079.57        | 456,079.57            |
| Martis Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 146,567.08        | 146,567.08            |
|                         |  |                 |              |                   |                       |
|                         | <b>Martis Woods/Northside PS (2026)</b>  |                 |              |                   | <b>\$2,291,348.74</b> |

## Biditem

## Martis Wood Pump Station Replacement

600

Takeoff Qty: 1.000 LS

Client #: Martis Woods PS

Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub          | Total        |
|---------|------------|--------|-------------|-----------|-----------|------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 1,673,000.00 | 1,673,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 1,673,000.00 | 1,673,000.00 |

Activity: 600.1      02000 - Abatement/Demo      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 175,000.00 | 100.00   | 175,000.00 | 175,000.00 |

Activity: 600.2      03000-09000 Building Shell      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 411,000.00 | 411,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 411,000.00 | 411,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.00   | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.00   | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.00   | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.00   | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.00   | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.00   | 68,000.00 | 68,000.00 |

Activity: 600.3      22000-26000 - MEP Trades      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 397,000.00 | 397,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 397,000.00 | 397,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.00   | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 220,000.00 | 100.00   | 220,000.00 | 220,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.00   | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.00   | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.00   | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.00   | 10,000.00  | 10,000.00  |

Activity: 600.4      31000-33000 Site Work      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 295,000.00 | 295,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00 | 100.00   | 65,000.00 | 65,000.00 |

|            |           |      |      |    |            |         |            |            |
|------------|-----------|------|------|----|------------|---------|------------|------------|
| 4UTILITIES | Utilities | 1.00 | 1.00 | LS | 100,000.00 | 100.000 | 100,000.00 | 100,000.00 |
|------------|-----------|------|------|----|------------|---------|------------|------------|

Activity: 600.5      40000-46000 Mechanical Systems      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 395,000.00 | 395,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 395,000.00 | 395,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install | 1.00     | 3.00     | EA   | 95,000.00  | 100.000  | 95,000.00  | 285,000.00 |

**Biditem**

**Martis Woods PS GA/Fee**

**602**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Martis Woods GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 451,838.80        | 0.00        | 451,838.80        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>451,838.80</b> | <b>0.00</b> | <b>451,838.80</b> |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 451,838.80        | 0.00        | 451,838.80        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>451,838.80</b> | <b>0.00</b> | <b>451,838.80</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2026 | 2026 Escalation | 1.00     | 2,023,656.00 | LS   | 0.05      | 100.000  | 0.05      | 101,182.80 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,806,800.00 | LS   | 0.12      | 100.000  | 0.12      | 216,816.00 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,673,000.00 | LS   | 0.08      | 100.000  | 0.08      | 133,840.00 |

**Biditem**

**611**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Martis Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 580,817.00 | LS   | 0.25      | 100.000  | 0.25      | 145,204.25 |

**BID PROPOSAL**

| <b>Biditem</b>                | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|-------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Stitzmark PS                  | Stitzmark TD Hydrostation                | 1.000           | LS           | 1,173,587.39      | 1,173,587.39          |
| Stitzmark PS<br>GA            | Stitzmark Hyrdostation GA/Fee            | 1.000           | LS           | 381,138.83        | 381,138.83            |
| Stitzmark Tariff<br>Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 95,284.49         | 95,284.49             |
| <b>Stitzmark Hydrostation</b> |  |                 |              |                   | <b>\$1,650,010.71</b> |

Biditem

Stitzmark TD Hydrostation

650

Takeoff Qty: 1.000 LS  
Bid Qty: 1.000 LS

Client #: Stitzmark PS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub          | Total        |
|---------|------------|--------|-------------|-----------|------------|-------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 1,103,000.00 | 1,162,675.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 1,103,000.00 | 1,162,675.00 |

Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 125,000.00 | 100.00   | 125,000.00 | 125,000.00 |

Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 401,000.00 | 401,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 401,000.00 | 401,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.00   | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.00   | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.00   | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.00   | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.00   | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.00   | 68,000.00 | 68,000.00 |

Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 242,000.00 | 301,675.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 242,000.00 | 301,675.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 2GENSET   | Emergency Generator  | 1.00     | 1.00     | LS   | 55,000.00  | 108.50   | 59,675.00  | 59,675.00  |
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 35,000.00  | 100.00   | 35,000.00  | 35,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 120,000.00 | 100.00   | 120,000.00 | 120,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 15,000.00  | 100.00   | 15,000.00  | 15,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 55,000.00  | 100.00   | 55,000.00  | 55,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 12,000.00  | 100.00   | 12,000.00  | 12,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 5,000.00   | 100.00   | 5,000.00   | 5,000.00   |

Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 195,000.00 | 195,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 195,000.00 | 195,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 25,000.00 | 100.00   | 25,000.00 | 25,000.00 |

|            |           |      |      |    |           |         |           |           |
|------------|-----------|------|------|----|-----------|---------|-----------|-----------|
| 4SITEWORK  | Sitework  | 1.00 | 1.00 | LS | 40,000.00 | 100.000 | 40,000.00 | 40,000.00 |
| 4UTILITIES | Utilities | 1.00 | 1.00 | LS | 60,000.00 | 100.000 | 60,000.00 | 60,000.00 |

Activity: 40-46.01      40000-46000 Mechanical Systems      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 140,000.00 | 140,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 140,000.00 | 140,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource  | Description               | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|---------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4MECHPIPE | Mechanical Pipe           | 1.00     | 1.00     | LS   | 60,000.00 | 100.000  | 60,000.00 | 60,000.00 |
| 4PUMP     | Pump - Supply & Install   | 1.00     | 1.00     | EA   | 20,000.00 | 100.000  | 20,000.00 | 20,000.00 |
| 4PUMP2    | Pump 2 - Supply & Install | 1.00     | 1.00     | EA   | 60,000.00 | 100.000  | 60,000.00 | 60,000.00 |

**Biditem**

**Stitzmark Hyrdostation GA/Fee**

**651**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Stitzmark PS GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 377,594.88        | 0.00        | 377,594.88        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>377,594.88</b> | <b>0.00</b> | <b>377,594.88</b> |

Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 377,594.88        | 0.00        | 377,594.88        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>377,594.88</b> | <b>0.00</b> | <b>377,594.88</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12027ESC | 2027 Escalation | 1.00     | 1,397,342.00 | LS   | 0.10      | 100.000  | 0.10      | 143,227.56 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,247,359.00 | LS   | 0.12      | 100.000  | 0.12      | 149,683.08 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,058,553.00 | LS   | 0.08      | 100.000  | 0.08      | 84,684.24  |

**Biditem**

**652**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Stitzmark Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 377,594.00 | LS   | 0.25      | 100.000  | 0.25      | 94,398.50 |

**BID PROPOSAL**

| <b>Biditem</b>                   | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|----------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Innsbruck PS                     | Innsbruck Pump Station                   | 1.000           | LS           | 1,678,608.24      | 1,678,608.24          |
| Innsbruck PS<br>GA               | Innsbruck PS GA                          | 1.000           | LS           | 559,956.77        | 559,956.77            |
| Innsbruck<br>Tariff<br>Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 139,989.16        | 139,989.16            |
|                                  | <b>Innsbruck Pump Station</b>            |                 |              |                   | <b>\$2,378,554.17</b> |

Biditem

Innsbruck Pump Station

670

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: Innsbruck PS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub          | Total        |
|---------|------------|--------|-------------|-----------|------------|-------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 1,663,000.00 | 1,663,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 1,663,000.00 | 1,663,000.00 |

Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 175,000.00 | 100.00   | 175,000.00 | 175,000.00 |

Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 401,000.00 | 401,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 401,000.00 | 401,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.00   | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.00   | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.00   | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.00   | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.00   | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.00   | 68,000.00 | 68,000.00 |

Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 382,000.00 | 382,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 382,000.00 | 382,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.00   | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 200,000.00 | 100.00   | 200,000.00 | 200,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.00   | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.00   | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 25,000.00  | 100.00   | 25,000.00  | 25,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.00   | 10,000.00  | 10,000.00  |

Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00 | 100.00   | 65,000.00 | 65,000.00 |

|            |           |      |      |    |            |         |            |            |
|------------|-----------|------|------|----|------------|---------|------------|------------|
| 4UTILITIES | Utilities | 1.00 | 1.00 | LS | 100,000.00 | 100.000 | 100,000.00 | 100,000.00 |
|------------|-----------|------|------|----|------------|---------|------------|------------|

Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 410,000.00 | 410,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 410,000.00 | 410,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install | 1.00     | 4.00     | EA   | 75,000.00  | 100.000  | 75,000.00  | 300,000.00 |

**Biditem**

**Innsbruck PS GA**

**672**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Innsbruck PS GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 554,750.11        | 0.00        | 554,750.11        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>554,750.11</b> | <b>0.00</b> | <b>554,750.11</b> |

Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 554,750.11        | 0.00        | 554,750.11        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>554,750.11</b> | <b>0.00</b> | <b>554,750.11</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12027ESC | 2027 Escalation | 1.00     | 2,011,564.00 | LS   | 0.10      | 100.000  | 0.10      | 206,185.31 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,796,040.00 | LS   | 0.12      | 100.000  | 0.12      | 215,524.80 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,663,000.00 | LS   | 0.08      | 100.000  | 0.08      | 133,040.00 |

**Biditem**

**674**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Innsbruck Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 554,750.00 | LS   | 0.25      | 100.000  | 0.25      | 138,687.50 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2027 Pipe                 | 2027 Pipe Replacement Program            | 1.000           | LS           | 2,114,410.46      | 2,114,410.46          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 61,067.83         | 61,067.83             |
|                           |  |                 |              |                   |                       |
|                           | <b>2027 Pipe Program</b>                 |                 |              |                   | <b>\$2,175,478.29</b> |

**Biditem**

**2027 Pipe Replacement Program**

**700**

Takeoff Qty: 1.000 LS

**Client #: 2027 Pipe**

Bid Qty: 1.000 LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,094,750.00        | 0.00        | 2,094,750.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,094,750.00</b> | <b>0.00</b> | <b>2,094,750.00</b> |

**Activity: 2027.1 Pipe Program Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,094,750.00        | 0.00        | 2,094,750.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,094,750.00</b> | <b>0.00</b> | <b>2,094,750.00</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 12027ESC   | 2027 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.10         | 100.000  | 0.10         | 194,750.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**702**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 242,000.00 | LS   | 0.25      | 100.000  | 0.25      | 60,500.00 |

**BID PROPOSAL**

| <b>Biditem</b>             | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|----------------------------|--|-----------------|--------------|-------------------|---------------------|
| Sierra Meadows Tank Rehab  | Sierra Meadows Tank Rehab                | 1.000           | LS           | 333,261.20        | 333,261.20          |
| Sierra Meadows Tank GA     | Sierra Meadows Tank GA/OH                | 1.000           | LS           | 111,167.37        | 111,167.37          |
| Sierra Meadows Tank Tariff | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 9,719.63          | 9,719.63            |
|                            |  |                 |              |                   |                     |
|                            | <b>Sierra Meadows Tank Rehab</b>         |                 |              |                   | <b>\$454,148.20</b> |

**Biditem**

**Sierra Meadows Tank Rehab**

**40**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Sierra Meadows Tank Rehab**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 141,037.52        | 48,502.81        | 189,540.33        | 47,377.20        | 38,517.50        | 54,727.40        | 0.00        | 330,162.43        |
| <b>Total</b> | <b>141,037.52</b> | <b>48,502.81</b> | <b>189,540.33</b> | <b>47,377.20</b> | <b>38,517.50</b> | <b>54,727.40</b> | <b>0.00</b> | <b>330,162.43</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 2,132.0000 | 0.0005  | 2,132.0000 | 154.8604 | 66.1527       | 88.9026        | 0.0019  |

**Activity: 41001.01 Tank Rehab Quantity: 250000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.56              | 0.19             | 0.76              | 0.19             | 0.15             | 0.22             | 0.00        | 1.32              |
| <b>Total</b> | <b>141,037.52</b> | <b>48,502.81</b> | <b>189,540.33</b> | <b>47,377.20</b> | <b>38,517.50</b> | <b>54,727.40</b> | <b>0.00</b> | <b>330,162.43</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 0.9477       | 0.0021        | 480.7692      | 455.6106     | 65.0000 | 3,846.1538  | 0.0003      | 5,079.4220 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 2,132.0000 | 117.2608 | 0.0085  | 88.9026        | 0.5642          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 65 Eff: 100.00 Crew Hrs: 520.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 21,000.00 | 108.500  | 22,785.00 | 22,785.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 454.00   | BAG  | 80.00     | 108.500  | 86.80     | 39,407.20  |
| 3SANDPOT   | Sand Pot                | 1.00     | 42.00    | DAY  | 110.00    | 108.500  | 119.35    | 5,012.70   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 9,500.00  | 108.500  | 10,307.50 | 10,307.50  |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 520.00   | HR   | 38.00     | 108.500  | 41.23     | 21,439.60  |
| 8UTLPU     | Utility Pickup          | 1.00     | 520.00   | HR   | 49.88     | 100.000  | 49.88     | 25,937.60  |
| IRON       | Iron Worker             | 0.10     | 52.00    | MH   | 82.86     | 100.000  | 111.36    | 5,790.49   |
| LABORER    | Laborer                 | 1.00     | 520.00   | MH   | 65.00     | 100.000  | 87.35     | 45,423.82  |
| PAINT      | Painter                 | 3.00     | 1,560.00 | MH   | 65.98     | 100.000  | 88.67     | 138,326.02 |

**Biditem**

**Sierra Meadows Tank GA/OH**

**Client #: Sierra Meadows Tank GA**

**42**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 110,133.70        | 0.00        | 110,133.70        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>110,133.70</b> | <b>0.00</b> | <b>110,133.70</b> |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 110,133.70        | 0.00        | 110,133.70        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>110,133.70</b> | <b>0.00</b> | <b>110,133.70</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|-----------|
| 12027ESC | 2027 Escalation | 1.00     | 399,361.00 | LS   | 0.10      | 100.000  | 0.10      | 40,934.50 |
| 1SUBFEE  | Sub Fee         | 1.00     | 356,572.00 | LS   | 0.12      | 100.000  | 0.12      | 42,788.64 |
| 1SUBOH   | Sub Overhead    | 1.00     | 330,132.00 | LS   | 0.08      | 100.000  | 0.08      | 26,410.56 |

**Biditem**

**44**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Sierra Meadows Tank Tariff**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|----------|
| 1ALLOWANCE | Allowance   | 1.00     | 38,517.00 | LS   | 0.25      | 100.000  | 0.25      | 9,629.25 |

**BID PROPOSAL**

| <b>Biditem</b>         | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|------------------------|--|-----------------|--------------|-------------------|---------------------|
| The Strand Tank Rehab  | The Strand Tank Rehab                    | 1.000           | LS           | 397,387.92        | 397,387.92          |
| The Strand Tank GA     | The Strand Tank GA/OH                    | 1.000           | LS           | 125,016.31        | 125,016.31          |
| The Strand Tank Tariff | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 12,731.38         | 12,731.38           |
|                        |  |                 |              |                   |                     |
|                        | <b>The Strand Tank Rehab</b>             |                 |              |                   | <b>\$535,135.61</b> |

**Biditem**

**The Strand Tank Rehab**

**Client #: The Strand Tank Rehab**

**20**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 162,735.60        | 55,964.78        | 218,700.38        | 54,666.00        | 50,452.50        | 69,874.00        | 0.00        | 393,692.88        |
| <b>Total</b> | <b>162,735.60</b> | <b>55,964.78</b> | <b>218,700.38</b> | <b>54,666.00</b> | <b>50,452.50</b> | <b>69,874.00</b> | <b>0.00</b> | <b>393,692.88</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 2,460.0000 | 0.0004  | 2,460.0000 | 160.0378 | 66.1527       | 88.9026        | 0.0017  |

**Activity: 41001.01 Tank Rehab Quantity: 320000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.51              | 0.17             | 0.68              | 0.17             | 0.16             | 0.22             | 0.00        | 1.23              |
| <b>Total</b> | <b>162,735.60</b> | <b>55,964.78</b> | <b>218,700.38</b> | <b>54,666.00</b> | <b>50,452.50</b> | <b>69,874.00</b> | <b>0.00</b> | <b>393,692.88</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 0.8543       | 0.0019        | 533.3333      | 455.6106     | 75.0000 | 4,266.6667  | 0.0002      | 5,249.2384 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 2,460.0000 | 130.0813 | 0.0077  | 88.9026        | 0.5085          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 75 Eff: 100.00 Crew Hrs: 600.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 32,000.00 | 108.500  | 34,720.00 | 34,720.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 580.00   | BAG  | 80.00     | 108.500  | 86.80     | 50,344.00  |
| 3SANDPOT   | Sand Pot                | 1.00     | 50.00    | DAY  | 110.00    | 108.500  | 119.35    | 5,967.50   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 12,500.00 | 108.500  | 13,562.50 | 13,562.50  |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 600.00   | HR   | 38.00     | 108.500  | 41.23     | 24,738.00  |
| 8UTLPU     | Utility Pickup          | 1.00     | 600.00   | HR   | 49.88     | 100.000  | 49.88     | 29,928.00  |
| IRON       | Iron Worker             | 0.10     | 60.00    | MH   | 82.86     | 100.000  | 111.36    | 6,681.34   |
| LABORER    | Laborer                 | 1.00     | 600.00   | MH   | 65.00     | 100.000  | 87.35     | 52,412.10  |
| PAINT      | Painter                 | 3.00     | 1,800.00 | MH   | 65.98     | 100.000  | 88.67     | 159,606.94 |

**Biditem**

**The Strand Tank GA/OH**

**22**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: The Strand Tank GA**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 123,853.87  | 0.00 | 123,853.87 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 123,853.87  | 0.00 | 123,853.87 |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 123,853.87  | 0.00 | 123,853.87 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 123,853.87  | 0.00 | 123,853.87 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|-----------|
| 12027ESC | 2027 Escalation | 1.00     | 449,100.00 | LS   | 0.10      | 100.000  | 0.10      | 46,032.75 |
| 1SUBFEE  | Sub Fee         | 1.00     | 400,982.00 | LS   | 0.12      | 100.000  | 0.12      | 48,117.84 |
| 1SUBOH   | Sub Overhead    | 1.00     | 371,291.00 | LS   | 0.08      | 100.000  | 0.08      | 29,703.28 |

**Biditem**

**24**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: The Strand Tank Tariff**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD    Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 50,452.00 | LS   | 0.25      | 100.000  | 0.25      | 12,613.00 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Airport Well Option       | Airport Well Option                      | 1.000           | LS           | 873,408.73        | 873,408.73            |
| Airport Well GA           | Airport Well GA/Fee                      | 1.000           | LS           | 291,334.31        | 291,334.31            |
| Airport Well Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 72,833.48         | 72,833.48             |
|                           |  |                 |              |                   |                       |
|                           | <b>Airport Well Options (2027)</b>       |                 |              |                   | <b>\$1,237,576.52</b> |

**Biditem**  
**710**

**Airport Well Option**

Takeoff Qty: 1.000 LS  
Bid Qty: 1.000 LS

**Client #: Airport Well Option**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls        | Const Matls | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 865,287.50        | 0.00        | 0.00        | 865,287.50        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>865,287.50</b> | <b>0.00</b> | <b>0.00</b> | <b>865,287.50</b> |

**Activity: 710 New Well Construction Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls        | Const Matls | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 865,287.50        | 0.00        | 0.00        | 865,287.50        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>865,287.50</b> | <b>0.00</b> | <b>0.00</b> | <b>865,287.50</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource  | Description                | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------------|----------|----------|------|------------|----------|------------|------------|
| 2WELLDIS  | Well Disinfection          | 1.00     | 1.00     | LS   | 10,000.00  | 108.500  | 10,850.00  | 10,850.00  |
| 2WELLDRI  | Well Drilling              | 1.00     | 450.00   | VF   | 1,100.00   | 108.500  | 1,193.50   | 537,075.00 |
| 2WELLMOB  | Well Driller Mob           | 1.00     | 1.00     | EA   | 25,000.00  | 108.500  | 27,125.00  | 27,125.00  |
| 2WELLPUM  | Supply & Install Well Pump | 1.00     | 1.00     | LS   | 250,000.00 | 108.500  | 271,250.00 | 271,250.00 |
| 2WELLTEST | Test Well w Temp Pump      | 1.00     | 1.00     | LS   | 17,500.00  | 108.500  | 18,987.50  | 18,987.50  |

**Biditem**

**Airport Well GA/Fee**

**712**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Airport Well GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 288,625.39        | 0.00        | 288,625.39        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>288,625.39</b> | <b>0.00</b> | <b>288,625.39</b> |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 288,625.39        | 0.00        | 288,625.39        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>288,625.39</b> | <b>0.00</b> | <b>288,625.39</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12027ESC | 2027 Escalation | 1.00     | 1,046,451.00 | LS   | 0.10      | 100.000  | 0.10      | 107,261.23 |
| 1SUBFEE  | Sub Fee         | 1.00     | 934,510.00   | LS   | 0.12      | 100.000  | 0.12      | 112,141.20 |
| 1SUBOH   | Sub Overhead    | 1.00     | 865,287.00   | LS   | 0.08      | 100.000  | 0.08      | 69,222.96  |

**Biditem**

**714**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Airport Well Tariff Allow**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 288,625.00 | LS   | 0.25      | 100.000  | 0.25      | 72,156.25 |

**BID PROPOSAL**

| <b>Biditem</b>           | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|--------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Airport Tank Option      | Airport Tank Replacement Option          | 1.000           | LS           | 2,039,475.15      | 2,039,475.15          |
| Airport GA               | Airport Tank GA/Fee                      | 1.000           | LS           | 650,114.56        | 650,114.56            |
| Airport Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 285,842.86        | 285,842.86            |
|                          | <b>Airport Tank</b>                      |                 |              |                   | <b>\$2,975,432.57</b> |

**Biditem**

**Airport Tank Replacement Option**

**1050**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Airport Tank Option**

|              | Base Labor        | Burden           | Total Labor       | Equipment         | Perm Matls          | Const Matls | Sub               | Total               |
|--------------|-------------------|------------------|-------------------|-------------------|---------------------|-------------|-------------------|---------------------|
| U. Cost      | 119,032.32        | 40,935.22        | 159,967.54        | 107,803.92        | 1,132,740.00        | 0.00        | 620,000.00        | 2,020,511.46        |
| <b>Total</b> | <b>119,032.32</b> | <b>40,935.22</b> | <b>159,967.54</b> | <b>107,803.92</b> | <b>1,132,740.00</b> | <b>0.00</b> | <b>620,000.00</b> | <b>2,020,511.46</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|------------|---------------|----------------|---------|
| 1,584.0000 | 0.0006  | 1,584.0000 | 1,275.5754 | 75.1467       | 100.9896       | 0.0019  |

**Activity: 700.1 Tank Foundation & Siteowrk Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 290,000.00        | 290,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>290,000.00</b> | <b>290,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description              | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|--------------------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework                 | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4TANKDEMO | Existing Tank Demolition | 1.00     | 1.00     | LS   | 90,000.00  | 100.000  | 90,000.00  | 90,000.00  |
| 4TANKFND  | Tank Foundation          | 1.00     | 1.00     | LS   | 150,000.00 | 100.000  | 150,000.00 | 150,000.00 |

**Activity: 700.2 Welded Steel Tank Quantity: 600000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment         | Perm Matls          | Const Matls | Sub               | Total               |
|--------------|-------------------|------------------|-------------------|-------------------|---------------------|-------------|-------------------|---------------------|
| U. Cost      | 0.20              | 0.07             | 0.27              | 0.18              | 1.89                | 0.00        | 0.55              | 2.88                |
| <b>Total</b> | <b>119,032.32</b> | <b>40,935.22</b> | <b>159,967.54</b> | <b>107,803.92</b> | <b>1,132,740.00</b> | <b>0.00</b> | <b>330,000.00</b> | <b>1,730,511.46</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|-------------|
| 0.4463       | 0.0009        | 1,136.3636    | 507.1429     | 66.0000 | 9,090.9091  | 0.0001      | 26,219.8706 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,584.0000 | 378.7879 | 0.0026  | 100.9896       | 0.1984          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 66 Eff: 100.00 Crew Hrs: 528.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|------------------------------|----------|------------|------|-----------|----------|-----------|--------------|
| 2STEEL   | Steel Plate & Structure      | 1.00     | 180,000.00 | LB   | 5.80      | 108.500  | 6.29      | 1,132,740.00 |
| 4CRANE   | Crane                        | 1.00     | 66.00      | DAY  | 5,000.00  | 100.000  | 5,000.00  | 330,000.00   |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 528.00     | HR   | 128.66    | 108.500  | 139.60    | 73,706.74    |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 528.00     | HR   | 14.70     | 100.000  | 14.70     | 7,760.54     |
| 8UTLPU   | Utility Pickup               | 1.00     | 528.00     | HR   | 49.88     | 100.000  | 49.88     | 26,336.64    |
| LABORER  | Laborer                      | 1.00     | 528.00     | MH   | 65.00     | 100.000  | 87.35     | 46,122.65    |
| MILLWR   | Millwright                   | 2.00     | 1,056.00   | MH   | 80.22     | 100.000  | 107.81    | 113,844.89   |

**Biditem**

**Airport Tank GA/Fee**

**1052**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Airport GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 644,069.59        | 0.00        | 644,069.59        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>644,069.59</b> | <b>0.00</b> | <b>644,069.59</b> |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 644,069.59        | 0.00        | 644,069.59        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>644,069.59</b> | <b>0.00</b> | <b>644,069.59</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12027ESC | 2027 Escalation | 1.00     | 2,335,946.00 | LS   | 0.10      | 100.000  | 0.10      | 239,434.47 |
| 1SUBFEE  | Sub Fee         | 1.00     | 2,084,952.00 | LS   | 0.12      | 100.000  | 0.12      | 250,194.24 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,930,511.00 | LS   | 0.08      | 100.000  | 0.08      | 154,440.88 |

**Biditem**

**1054**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Airport Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 1,132,740.00 | LS   | 0.25      | 100.000  | 0.25      | 283,185.00 |

**BID PROPOSAL**

| <b>Biditem</b>             | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|----------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Roundhill Hydrostation     | Roundhill Hydrostation                   | 1.000           | LS           | 887,527.51        | 887,527.51            |
| Roundhill GA               | Roundhill Hydrostation GA/Fee            | 1.000           | LS           | 296,064.98        | 296,064.98            |
| Roundhill Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 103,380.01        | 103,380.01            |
|                            | <b>Roundhill Hydrostation</b>            |                 |              |                   | <b>\$1,286,972.50</b> |

**Biditem**

**Roundhill Hydrostation**

**1150**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Roundhill Hydrostation**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 819,600.00 | 879,275.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 819,600.00 | 879,275.00 |

Activity: 02000.01    02000 - Abatement/Demo    (Unreviewed)    Quantity: 1.00    Unit: LS

Calendar: STD    Standard    Hrs/Shift: 8    WC: 5221    Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 100,000.00 | 100.00   | 100,000.00 | 100,000.00 |

Activity: 03-09.01    03000-09000 Building Shell    (Unreviewed)    Quantity: 1.00    Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 240,600.00 | 240,600.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 240,600.00 | 240,600.00 |

Calendar: STD    Standard    Hrs/Shift: 8    WC: 5221    Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 18,000.00 | 100.00   | 18,000.00 | 18,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 21,000.00 | 100.00   | 21,000.00 | 21,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 10,800.00 | 100.00   | 10,800.00 | 10,800.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 45,000.00 | 100.00   | 45,000.00 | 45,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 9,000.00  | 100.00   | 9,000.00  | 9,000.00  |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 48,000.00 | 100.00   | 48,000.00 | 48,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 18,000.00 | 100.00   | 18,000.00 | 18,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 40,800.00 | 100.00   | 40,800.00 | 40,800.00 |

Activity: 22-26.01    22000-26000 - MEP Trades    Quantity: 1.00    Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 198,000.00 | 257,675.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 59,675.00  | 0.00        | 198,000.00 | 257,675.00 |

Calendar: STD    Standard    Hrs/Shift: 8    WC: 5221    Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 2GENSET   | Emergency Generator  | 1.00     | 1.00     | LS   | 55,000.00  | 108.500  | 59,675.00  | 59,675.00  |
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 25,000.00  | 100.000  | 25,000.00  | 25,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 8,000.00   | 100.000  | 8,000.00   | 8,000.00   |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 5,000.00   | 100.000  | 5,000.00   | 5,000.00   |

Activity: 31-33.01    31000-33000 Site Work    (Unreviewed)    Quantity: 1.00    Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 165,000.00 | 165,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 165,000.00 | 165,000.00 |

Calendar: STD    Standard    Hrs/Shift: 8    WC: 5221    Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 25,000.00 | 100.000  | 25,000.00 | 25,000.00 |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00 | 100.000  | 40,000.00 | 40,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |

|            |           |      |      |    |           |         |           |           |
|------------|-----------|------|------|----|-----------|---------|-----------|-----------|
| 4SITEWORK  | Sitework  | 1.00 | 1.00 | LS | 40,000.00 | 100.000 | 40,000.00 | 40,000.00 |
| 4UTILITIES | Utilities | 1.00 | 1.00 | LS | 45,000.00 | 100.000 | 45,000.00 | 45,000.00 |

Activity: 40-46.01      40000-46000 Mechanical Systems      (Unreviewed)      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 116,000.00 | 116,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 116,000.00 | 116,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource  | Description               | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|---------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4MECHPIPE | Mechanical Pipe           | 1.00     | 1.00     | LS   | 41,000.00 | 100.000  | 41,000.00 | 41,000.00 |
| 4PUMP     | Pump - Supply & Install   | 1.00     | 1.00     | EA   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4PUMP2    | Pump 2 - Supply & Install | 1.00     | 1.00     | EA   | 60,000.00 | 100.000  | 60,000.00 | 60,000.00 |

**Biditem**

**Roundhill Hydrostation GA/Fee**

**Client #: Roundhill GA**

**1160**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 293,312.07        | 0.00        | 293,312.07        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>293,312.07</b> | <b>0.00</b> | <b>293,312.07</b> |

Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 293,312.07        | 0.00        | 293,312.07        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>293,312.07</b> | <b>0.00</b> | <b>293,312.07</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12027ESC | 2027 Escalation | 1.00     | 1,063,571.00 | LS   | 0.10      | 100.000  | 0.10      | 109,016.03 |
| 1SUBFEE  | Sub Fee         | 1.00     | 949,617.00   | LS   | 0.12      | 100.000  | 0.12      | 113,954.04 |
| 1SUBOH   | Sub Overhead    | 1.00     | 879,275.00   | LS   | 0.08      | 100.000  | 0.08      | 70,342.00  |

**Biditem**

**1170**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Roundhill Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 409,675.00 | LS   | 0.25      | 100.000  | 0.25      | 102,418.75 |

**BID PROPOSAL**

| <b>Biditem</b>                     | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|------------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Alder Creek PS                     | Alder Creek Pump Station                 | 1.000           | LS           | 2,164,529.48      | 2,164,529.48          |
| Alder Creek<br>Tariff<br>Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 161,520.12        | 161,520.12            |
|                                    |  |                 |              |                   |                       |
|                                    | <b>Alder Creek PS (2029)</b>             |                 |              |                   | <b>\$2,326,049.60</b> |

Biditem

Alder Creek Pump Station

1400

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: Alder Creek PS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub          | Total        |
|---------|------------|--------|-------------|-----------|-----------|------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 536,402.99 | 1,608,000.00 | 2,144,402.99 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 536,402.99 | 1,608,000.00 | 2,144,402.99 |

Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 536,402.99 | 0.00 | 536,402.99 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 536,402.99 | 0.00 | 536,402.99 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12027ESC | 2027 Escalation | 1.00     | 1,945,036.00 | LS   | 0.10      | 100.000  | 0.10      | 199,366.19 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,736,640.00 | LS   | 0.12      | 100.000  | 0.12      | 208,396.80 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,608,000.00 | LS   | 0.08      | 100.000  | 0.08      | 128,640.00 |

Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 150,000.00 | 100.000  | 150,000.00 | 150,000.00 |

Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 401,000.00 | 401,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 401,000.00 | 401,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 397,000.00 | 397,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 397,000.00 | 397,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 220,000.00 | 100.000  | 220,000.00 | 220,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.000  | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.000  | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.000  | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |

Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|--------------|----------------|----------|----------|------|------------|----------|------------|------------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 365,000.00 | 365,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 365,000.00 | 365,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install | 1.00     | 3.00     | EA   | 85,000.00  | 100.000  | 85,000.00  | 255,000.00 |

**Biditem**

**1401**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Alder Creek Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 640,073.00 | LS   | 0.25      | 100.000  | 0.25      | 160,018.25 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2028 Pipe                 | 2028 Pipe Replacement Program            | 1.000           | LS           | 2,216,630.94      | 2,216,630.94          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 62,581.91         | 62,581.91             |
|                           |  |                 |              |                   |                       |
|                           | <b>2028 Pipe Replacement Program</b>     |                 |              |                   | <b>\$2,279,212.85</b> |

**Biditem**

**2028 Pipe Replacement Program**

**1180**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2028 Pipe**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,196,020.00        | 0.00        | 2,196,020.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,196,020.00</b> | <b>0.00</b> | <b>2,196,020.00</b> |

**Activity: 2028.1 Pipe Program Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,196,020.00        | 0.00        | 2,196,020.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,196,020.00</b> | <b>0.00</b> | <b>2,196,020.00</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 12028ESC   | 2028 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.16         | 100.000  | 0.16         | 296,020.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**1182**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 248,000.00 | LS   | 0.25      | 100.000  | 0.25      | 62,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>               | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|------------------------------|--|-----------------|--------------|-------------------|---------------------|
| Somerset 2 Tank Rehab        | Somerset 2 Tank Rehab                    | 1.000           | LS           | 299,872.65        | 299,872.65          |
| Somerset 2 Tank GA           | Somerset 2 Tank GA/OH                    | 1.000           | LS           | 118,107.84        | 118,107.84          |
| Somerset Rehab Tariff Allow  | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 8,624.44          | 8,624.44            |
| <b>Somerset 2 Tank Rehab</b> |  |                 |              |                   | <b>\$426,604.93</b> |

**Biditem**

**New Somerset Tank (0.28MG)**

**1100**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Somerset Tank**

|              | Base Labor       | Burden           | Total Labor      | Equipment        | Perm Matls        | Const Matls | Sub               | Total               |
|--------------|------------------|------------------|------------------|------------------|-------------------|-------------|-------------------|---------------------|
| U. Cost      | 63,123.20        | 21,708.06        | 84,831.26        | 57,168.75        | 528,612.00        | 0.00        | 480,000.00        | 1,150,612.01        |
| <b>Total</b> | <b>63,123.20</b> | <b>21,708.06</b> | <b>84,831.26</b> | <b>57,168.75</b> | <b>528,612.00</b> | <b>0.00</b> | <b>480,000.00</b> | <b>1,150,612.01</b> |

| Manhours | Unit/MH | MH/Unit  | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|----------|---------|----------|------------|---------------|----------------|---------|
| 840.0000 | 0.0012  | 840.0000 | 1,369.7762 | 75.1467       | 100.9896       | 0.0036  |

**Activity: 700.1 Tank Foundation & Sitework (Unreviewed) Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 305,000.00        | 305,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>305,000.00</b> | <b>305,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description              | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|--------------------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework                 | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4TANKDEMO | Existing Tank Demolition | 1.00     | 1.00     | LS   | 90,000.00  | 100.000  | 90,000.00  | 90,000.00  |
| 4TANKFND  | Tank Foundation          | 1.00     | 1.00     | LS   | 150,000.00 | 100.000  | 150,000.00 | 150,000.00 |

**Activity: 700.2 Welded Steel Tank Quantity: 280000.00 Unit: GAL**

|              | Base Labor       | Burden           | Total Labor      | Equipment        | Perm Matls        | Const Matls | Sub               | Total             |
|--------------|------------------|------------------|------------------|------------------|-------------------|-------------|-------------------|-------------------|
| U. Cost      | 0.23             | 0.08             | 0.30             | 0.20             | 1.89              | 0.00        | 0.63              | 3.02              |
| <b>Total</b> | <b>63,123.20</b> | <b>21,708.06</b> | <b>84,831.26</b> | <b>57,168.75</b> | <b>528,612.00</b> | <b>0.00</b> | <b>175,000.00</b> | <b>845,612.01</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|-------------|
| 0.5071       | 0.0010        | 1,000.0000    | 507.1429     | 35.0000 | 8,000.0000  | 0.0001      | 24,160.3431 |

| Manhours | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|----------|---------|----------------|-----------------|
| 840.0000 | 333.3333 | 0.0030  | 100.9896       | 0.2254          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 35 Eff: 100.00 Crew Hrs: 280.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|------------------------------|----------|-----------|------|-----------|----------|-----------|------------|
| 2STEEL   | Steel Plate & Structure      | 1.00     | 84,000.00 | LB   | 5.80      | 108.500  | 6.29      | 528,612.00 |
| 4CRANE   | Crane                        | 1.00     | 35.00     | DAY  | 5,000.00  | 100.000  | 5,000.00  | 175,000.00 |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 280.00    | HR   | 128.66    | 108.500  | 139.60    | 39,086.91  |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 280.00    | HR   | 14.70     | 100.000  | 14.70     | 4,115.44   |
| 8UTLPU   | Utility Pickup               | 1.00     | 280.00    | HR   | 49.88     | 100.000  | 49.88     | 13,966.40  |
| LABORER  | Laborer                      | 1.00     | 280.00    | MH   | 65.00     | 100.000  | 87.35     | 24,458.98  |
| MILLWR   | Millwright                   | 2.00     | 560.00    | MH   | 80.22     | 100.000  | 107.81    | 60,372.28  |

**Biditem**

**Somerset Tank GA**

**1110**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Somerset Tank GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 458,001.43        | 0.00        | 458,001.43        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>458,001.43</b> | <b>0.00</b> | <b>458,001.43</b> |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 458,001.43        | 0.00        | 458,001.43        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>458,001.43</b> | <b>0.00</b> | <b>458,001.43</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12028ESC | 2028 Escalation | 1.00     | 1,391,775.00 | LS   | 0.16      | 100.000  | 0.16      | 216,838.55 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,242,616.00 | LS   | 0.12      | 100.000  | 0.12      | 149,113.92 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,150,612.00 | LS   | 0.08      | 100.000  | 0.08      | 92,048.96  |

**Biditem**

**1120**

**Tariff Allowance (25% of Materials Costs)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Somerset Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 528,612.00 | LS   | 0.25      | 100.000  | 0.25      | 132,153.00 |

**Biditem**

**Somerset 2 Tank Rehab**

**Client #: Somerset 2 Tank Rehab**

**50**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 130,188.48        | 44,771.81        | 174,960.29        | 43,732.80        | 34,177.50        | 44,213.75        | 0.00        | 297,084.34        |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>34,177.50</b> | <b>44,213.75</b> | <b>0.00</b> | <b>297,084.34</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 1,968.0000 | 0.0005  | 1,968.0000 | 150.9575 | 66.1527       | 88.9026        | 0.0021  |

**Activity: 41001.01 Tank Rehab Quantity: 210000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.62              | 0.21             | 0.83              | 0.21             | 0.16             | 0.21             | 0.00        | 1.41              |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>34,177.50</b> | <b>44,213.75</b> | <b>0.00</b> | <b>297,084.34</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 1.0414       | 0.0023        | 437.5000      | 455.6106     | 60.0000 | 3,500.0000  | 0.0003      | 4,951.4057 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,968.0000 | 106.7073 | 0.0094  | 88.9026        | 0.6199          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction  
 Crew: PAINT (Mod) Painting Crew Prod: S 60 Eff: 100.00 Crew Hrs: 480.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 17,000.00 | 108.500  | 18,445.00 | 18,445.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 380.00   | BAG  | 80.00     | 108.500  | 86.80     | 32,984.00  |
| 3SANDPOT   | Sand Pot                | 1.00     | 35.00    | DAY  | 110.00    | 108.500  | 119.35    | 4,177.25   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 6,500.00  | 108.500  | 7,052.50  | 7,052.50   |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 480.00   | HR   | 38.00     | 108.500  | 41.23     | 19,790.40  |
| 8UTLPU     | Utility Pickup          | 1.00     | 480.00   | HR   | 49.88     | 100.000  | 49.88     | 23,942.40  |
| IRON       | Iron Worker             | 0.10     | 48.00    | MH   | 82.86     | 100.000  | 111.36    | 5,345.06   |
| LABORER    | Laborer                 | 1.00     | 480.00   | MH   | 65.00     | 100.000  | 87.35     | 41,929.68  |
| PAINT      | Painter                 | 3.00     | 1,440.00 | MH   | 65.98     | 100.000  | 88.67     | 127,685.55 |

**Biditem**

**Somerset 2 Tank GA/OH**

**52**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Somerset 2 Tank GA**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 117,009.64        | 0.00        | 117,009.64        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>117,009.64</b> | <b>0.00</b> | <b>117,009.64</b> |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 117,009.64        | 0.00        | 117,009.64        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>117,009.64</b> | <b>0.00</b> | <b>117,009.64</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|-----------|
| 12028ESC | 2028 Escalation | 1.00     | 351,353.00 | LS   | 0.16      | 100.000  | 0.16      | 54,740.80 |
| 1SUBFEE  | Sub Fee         | 1.00     | 320,851.00 | LS   | 0.12      | 100.000  | 0.12      | 38,502.12 |
| 1SUBOH   | Sub Overhead    | 1.00     | 297,084.00 | LS   | 0.08      | 100.000  | 0.08      | 23,766.72 |

**Biditem**

**54**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Somerset Rehab Tariff Allow**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|----------|
| 1ALLOWANCE | Allowance   | 1.00     | 34,177.00 | LS   | 0.25      | 100.000  | 0.25      | 8,544.25 |

**BID PROPOSAL**

| <b>Biditem</b>               | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|------------------------------|--|-----------------|--------------|-------------------|---------------------|
| Prosser Heights Tank Rehab   | Prosser Heights Tank Rehab               | 1.000           | LS           | 304,077.44        | 304,077.44          |
| Prosser Heights Tank GA      | Prosser Heights Tank GA/OH               | 1.000           | LS           | 122,301.12        | 122,301.12          |
| Prosser Heights Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 11,034.00         | 11,034.00           |
|                              |  |                 |              |                   |                     |
|                              | <b>Prosser Heights Tank Rehab</b>        |                 |              |                   | <b>\$437,412.56</b> |

**Biditem**

**Prosser Heights Tank Rehab**

**Client #: Prosser Heights Tank Rehab**

**70**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 130,188.48        | 44,771.81        | 174,960.29        | 43,732.80        | 33,960.50        | 57,803.38        | 0.00        | 310,456.97        |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>33,960.50</b> | <b>57,803.38</b> | <b>0.00</b> | <b>310,456.97</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 1,968.0000 | 0.0005  | 1,968.0000 | 157.7525 | 66.1527       | 88.9026        | 0.0021  |

**Activity: 41001.01 Tank Rehab Quantity: 280000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.46              | 0.16             | 0.62              | 0.16             | 0.12             | 0.21             | 0.00        | 1.11              |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>33,960.50</b> | <b>57,803.38</b> | <b>0.00</b> | <b>310,456.97</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 0.7810       | 0.0017        | 583.3333      | 455.6106     | 60.0000 | 4,666.6667  | 0.0002      | 5,174.2828 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,968.0000 | 142.2764 | 0.0070  | 88.9026        | 0.4650          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 60 Eff: 100.00 Crew Hrs: 480.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 16,800.00 | 108.500  | 18,228.00 | 18,228.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 500.00   | BAG  | 80.00     | 108.500  | 86.80     | 43,400.00  |
| 3SANDPOT   | Sand Pot                | 1.00     | 52.50    | DAY  | 110.00    | 108.500  | 119.35    | 6,265.88   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 7,500.00  | 108.500  | 8,137.50  | 8,137.50   |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 480.00   | HR   | 38.00     | 108.500  | 41.23     | 19,790.40  |
| 8UTLPU     | Utility Pickup          | 1.00     | 480.00   | HR   | 49.88     | 100.000  | 49.88     | 23,942.40  |
| IRON       | Iron Worker             | 0.10     | 48.00    | MH   | 82.86     | 100.000  | 111.36    | 5,345.06   |
| LABORER    | Laborer                 | 1.00     | 480.00   | MH   | 65.00     | 100.000  | 87.35     | 41,929.68  |
| PAINT      | Painter                 | 3.00     | 1,440.00 | MH   | 65.98     | 100.000  | 88.67     | 127,685.55 |

Biditem

**Prosser Heights Tank GA/OH**

**Client #: Prosser Heights Tank GA**

**72**

Takeoff Qty: 1.000 LS

Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 121,163.93  | 0.00 | 121,163.93 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 121,163.93  | 0.00 | 121,163.93 |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 121,163.93  | 0.00 | 121,163.93 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 121,163.93  | 0.00 | 121,163.93 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|-----------|
| 12028ESC | 2028 Escalation | 1.00     | 373,465.00 | LS   | 0.16      | 100.000  | 0.16      | 58,185.85 |
| 1SUBFEE  | Sub Fee         | 1.00     | 333,424.00 | LS   | 0.12      | 100.000  | 0.12      | 40,010.88 |
| 1SUBOH   | Sub Overhead    | 1.00     | 287,090.00 | LS   | 0.08      | 100.000  | 0.08      | 22,967.20 |

**Biditem**

**75**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Prosser Heights Tariff Allow**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|----------|
| 1ALLOWANCE | Allowance   | 1.00     | 38,452.00 | LS   | 0.25      | 100.000  | 0.25      | 9,613.00 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                        | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|---|-----------------|--------------|-------------------|-----------------------|
| Somerset Tank             | New Somerset Tank (0.28MG)                | 1.000           | LS           | 1,161,411.18      | 1,161,411.18          |
| Somerset Tank GA          | Somerset Tank GA                          | 1.000           | LS           | 462,300.04        | 462,300.04            |
| Somerset Tariff Allowance | Tariff Allowance (25% of Materials Costs) | 1.000           | LS           | 133,393.33        | 133,393.33            |
|                           | <b>Somerset Tank (2028)</b>               |                 |              |                   | <b>\$1,757,104.55</b> |

**BID PROPOSAL**

| <b>Biditem</b>                   | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|----------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Northside PS                     | Northside Pump Station                   | 1.000           | LS           | 1,210,758.02      | 1,210,758.02          |
| Northside GA                     | Northside PS GA/Fee                      | 1.000           | LS           | 475,019.19        | 475,019.19            |
| Northside<br>Tariff<br>Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 99,319.76         | 99,319.76             |
|                                  |  |                 |              |                   |                       |
|                                  | <b>Northside Pump Station</b>            |                 |              |                   | <b>\$1,785,096.97</b> |

**Biditem**

**Northside Pump Station**

**800**

Takeoff Qty: 1.000 LS

Client #: Northside PS

Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub          | Total        |
|---------|------------|--------|-------------|-----------|------------|-------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 1,199,500.00 | 1,199,500.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 1,199,500.00 | 1,199,500.00 |

**Activity: 605.1 02000 - Abatement/Demo Quantity: 1.00 Unit: LS**

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 150,000.00 | 100.00   | 150,000.00 | 150,000.00 |

**Activity: 605.2 03000-09000 Building Shell Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 322,000.00 | 322,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 322,000.00 | 322,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 30,000.00 | 100.00   | 30,000.00 | 30,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 15,000.00 | 100.00   | 15,000.00 | 15,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 60,000.00 | 100.00   | 60,000.00 | 60,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 12,000.00 | 100.00   | 12,000.00 | 12,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 65,000.00 | 100.00   | 65,000.00 | 65,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 35,000.00 | 100.00   | 35,000.00 | 35,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 25,000.00 | 100.00   | 25,000.00 | 25,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |

**Activity: 605.3 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 302,500.00 | 302,500.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 302,500.00 | 302,500.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 40,000.00  | 100.00   | 40,000.00  | 40,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 165,000.00 | 100.00   | 165,000.00 | 165,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 18,000.00  | 100.00   | 18,000.00  | 18,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 60,000.00  | 100.00   | 60,000.00  | 60,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 12,000.00  | 100.00   | 12,000.00  | 12,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 7,500.00   | 100.00   | 7,500.00   | 7,500.00   |

**Activity: 605.4 31000-33000 Site Work Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 230,000.00 | 230,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 230,000.00 | 230,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00 | 100.00   | 40,000.00 | 40,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 25,000.00 | 100.00   | 25,000.00 | 25,000.00 |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 50,000.00 | 100.00   | 50,000.00 | 50,000.00 |

|            |           |      |      |    |           |         |           |           |
|------------|-----------|------|------|----|-----------|---------|-----------|-----------|
| 4UTILITIES | Utilities | 1.00 | 1.00 | LS | 75,000.00 | 100.000 | 75,000.00 | 75,000.00 |
|------------|-----------|------|------|----|-----------|---------|-----------|-----------|

Activity: 605.5      40000-46000 Mechanical Systems      Quantity: 1.00      Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 195,000.00 | 195,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 195,000.00 | 195,000.00 |

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|-----------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 85,000.00 | 100.000  | 85,000.00 | 85,000.00  |
| 4PUMP     | Pump - Supply & Install | 1.00     | 2.00     | EA   | 55,000.00 | 100.000  | 55,000.00 | 110,000.00 |

**Biditem**

**Northside PS GA/Fee**

**810**

Takeoff Qty: 1.000 LS

**Client #: Northside GA**

Bid Qty: 1.000 LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 470,602.31        | 0.00        | 470,602.31        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>470,602.31</b> | <b>0.00</b> | <b>470,602.31</b> |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 470,602.31        | 0.00        | 470,602.31        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>470,602.31</b> | <b>0.00</b> | <b>470,602.31</b> |

Calendar: STD Standard

Hrs/Shift: 8

WC: 5221

Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 12028ESC | 2028 Escalation | 1.00     | 1,444,975.00 | LS   | 0.16      | 100.000  | 0.16      | 225,127.11 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,245,960.00 | LS   | 0.12      | 100.000  | 0.12      | 149,515.20 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,199,500.00 | LS   | 0.08      | 100.000  | 0.08      | 95,960.00  |

**Biditem**

**820**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Northside Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 393,585.00 | LS   | 0.25      | 100.000  | 0.25      | 98,396.25 |

**BID PROPOSAL**

| <b>Biditem</b>              | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|-----------------------------|--|-----------------|--------------|-------------------|-----------------------|
| West Palisades PS           | West Palisades Pump Station              | 1.000           | LS           | 978,792.46        | 978,792.46            |
| West Palisades Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 88,309.38         | 88,309.38             |
|                             |  |                 |              |                   |                       |
|                             | <b>West Palisades PS (2028)</b>          |                 |              |                   | <b>\$1,067,101.84</b> |

Biditem

West Palisades Pump Station

1200

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: West Palisades PS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 276,091.33  | 693,600.00 | 969,691.33 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 276,091.33  | 693,600.00 | 969,691.33 |

Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 276,091.33  | 0.00 | 276,091.33 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 276,091.33  | 0.00 | 276,091.33 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|------------|
| 12028ESC | 2028 Escalation | 1.00     | 838,978.00 | LS   | 0.16      | 100.000  | 0.16      | 130,712.77 |
| 1SUBFEE  | Sub Fee         | 1.00     | 749,088.00 | LS   | 0.12      | 100.000  | 0.12      | 89,890.56  |
| 1SUBOH   | Sub Overhead    | 1.00     | 693,600.00 | LS   | 0.08      | 100.000  | 0.08      | 55,488.00  |

Activity: 02000.01 02000 - Abatement/Demo (Unreviewed) Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |

Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 240,600.00 | 240,600.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 240,600.00 | 240,600.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 21,000.00 | 100.000  | 21,000.00 | 21,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 10,800.00 | 100.000  | 10,800.00 | 10,800.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 45,000.00 | 100.000  | 45,000.00 | 45,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 9,000.00  | 100.000  | 9,000.00  | 9,000.00  |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 48,000.00 | 100.000  | 48,000.00 | 48,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 40,800.00 | 100.000  | 40,800.00 | 40,800.00 |

Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 202,000.00 | 202,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 202,000.00 | 202,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 25,000.00  | 100.000  | 25,000.00  | 25,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 42,000.00  | 100.000  | 42,000.00  | 42,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 5,000.00   | 100.000  | 5,000.00   | 5,000.00   |

Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 142,000.00 | 142,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 142,000.00 | 142,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 24,000.00 | 100.000  | 24,000.00 | 24,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 20,000.00 | 100.000  | 20,000.00 | 20,000.00 |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 40,000.00 | 100.000  | 40,000.00 | 40,000.00 |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 58,000.00 | 100.000  | 58,000.00 | 58,000.00 |

Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub       | Total     |
|---------|------------|--------|-------------|-----------|------------|-------------|-----------|-----------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 59,000.00 | 59,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 59,000.00 | 59,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|-------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 38,000.00 | 100.000  | 38,000.00 | 38,000.00 |
| 4PUMP     | Pump - Supply & Install | 1.00     | 1.00     | EA   | 21,000.00 | 100.000  | 21,000.00 | 21,000.00 |

**Biditem**

**1201**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: West Palisades Tariff Allow**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 349,953.00 | LS   | 0.25      | 100.000  | 0.25      | 87,488.25 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2029 Pipe                 | 2029 Pipe Replacement Program            | 1.000           | LS           | 2,323,454.22      | 2,323,454.22          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 68,385.87         | 68,385.87             |
|                           |  |                 |              |                   |                       |
|                           | <b>2029 Pipe Program</b>                 |                 |              |                   | <b>\$2,391,840.09</b> |

**Biditem**

**2029 Pipe Replacement Program**

**1350**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2029 Pipe**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,301,850.00        | 0.00        | 2,301,850.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,301,850.00</b> | <b>0.00</b> | <b>2,301,850.00</b> |

**Activity: 2029.1 Pipe Program Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,301,850.00        | 0.00        | 2,301,850.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,301,850.00</b> | <b>0.00</b> | <b>2,301,850.00</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2029   | 2029 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.21         | 100.000  | 0.21         | 401,850.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**1352**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 271,000.00 | LS   | 0.25      | 100.000  | 0.25      | 67,750.00 |

**BID PROPOSAL**

| <b>Biditem</b>               | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Herringbone Tank             | Herringbone Tank 1M Gal                  | 1.000           | LS           | 4,880,103.50      | 4,880,103.50          |
| Herringbone Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 476,404.76        | 476,404.76            |
|                              |  |                 |              |                   |                       |
|                              | <b>Herringbone Tank (2030)</b>           |                 |              |                   | <b>\$5,356,508.26</b> |

**Biditem**

**Herringbone Tank 1M Gal**

**1700**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: Herringbone Tank

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats   | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|--------------|------------|--------------|
| U. Cost | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 1,535,540.98 | 965,000.00 | 4,834,726.74 |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 1,535,540.98 | 965,000.00 | 4,834,726.74 |

| Manhours   | Unit/MH | MH/Unit    | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|------------|---------------|----------------|---------|
| 2,640.0000 | 0.0004  | 2,640.0000 | 1,831.3359 | 75.1467       | 100.9896       | 0.0011  |

**Activity: 700.1 Tank Foundation & Sitework Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 415,000.00 | 415,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 415,000.00 | 415,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description              | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|--------------------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework                 | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4TANKDEMO | Existing Tank Demolition | 1.00     | 1.00     | LS   | 90,000.00  | 100.000  | 90,000.00  | 90,000.00  |
| 4TANKFND  | Tank Foundation          | 1.00     | 1.00     | LS   | 215,000.00 | 100.000  | 215,000.00 | 215,000.00 |

**Activity: 700.2 Welded Steel Tank Quantity: 1000000.00 Unit: GAL**

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|------------|------------|--------------|
| U. Cost | 0.20       | 0.07      | 0.27        | 0.18       | 1.89         | 0.00       | 0.55       | 2.88         |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 0.00       | 550,000.00 | 2,884,185.76 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts   | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|----------|-------------|-------------|-------------|
| 0.4463       | 0.0009        | 1,136.3636    | 507.1429     | 110.0000 | 9,090.9091  | 0.0001      | 26,219.8705 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 2,640.0000 | 378.7879 | 0.0026  | 100.9896       | 0.1984          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 110 Eff: 100.00 Crew Hrs: 880.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|------------------------------|----------|------------|------|-----------|----------|-----------|--------------|
| 2STEEL   | Steel Plate & Structure      | 1.00     | 300,000.00 | LB   | 5.80      | 108.500  | 6.29      | 1,887,900.00 |
| 4CRANE   | Crane                        | 1.00     | 110.00     | DAY  | 5,000.00  | 100.000  | 5,000.00  | 550,000.00   |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 880.00     | HR   | 128.66    | 108.500  | 139.60    | 122,844.57   |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 880.00     | HR   | 14.70     | 100.000  | 14.70     | 12,934.24    |
| 8UTLPU   | Utility Pickup               | 1.00     | 880.00     | HR   | 49.88     | 100.000  | 49.88     | 43,894.40    |
| LABORER  | Laborer                      | 1.00     | 880.00     | MH   | 65.00     | 100.000  | 87.35     | 76,871.08    |
| MILLWR   | Millwright                   | 2.00     | 1,760.00   | MH   | 80.22     | 100.000  | 107.81    | 189,741.47   |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats   | Sub  | Total        |
|---------|------------|--------|-------------|-----------|-----------|--------------|------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,535,540.98 | 0.00 | 1,535,540.98 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,535,540.98 | 0.00 | 1,535,540.98 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2029 | 2029 Escalation | 1.00     | 3,990,694.00 | LS   | 0.21      | 100.000  | 0.21      | 844,031.78 |
| 1SUBFEE  | Sub Fee         | 1.00     | 3,563,120.00 | LS   | 0.12      | 100.000  | 0.12      | 427,574.40 |
| 1SUBOH   | Sub Overhead    | 1.00     | 3,299,185.00 | LS   | 0.08      | 100.000  | 0.08      | 263,934.80 |

**Biditem**

**1701**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Herringbone Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 1,887,900.00 | LS   | 0.25      | 100.000  | 0.25      | 471,975.00 |

**BID PROPOSAL**

| <b>Biditem</b>           | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|--------------------------|--|-----------------|--------------|-------------------|---------------------|
| Wolfe Estates Tank Rehab | Wolfe Estates Tank Rehab                 | 1.000           | LS           | 313,324.92        | 313,324.92          |
| Wolfe Estates Tank GA    | Wolfe Estates Tank GA/OH                 | 1.000           | LS           | 141,547.43        | 141,547.43          |
| Wolfe Estates Tariff     | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 9,701.80          | 9,701.80            |
|                          |  |                 |              |                   |                     |
|                          | <b>Wolfe Estates Tank Rehab</b>          |                 |              |                   | <b>\$464,574.15</b> |

**Biditem**

**Wolfe Estates Tank Rehab**

**Client #: Wolfe Estates Tank Rehab**

**60**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 130,188.48        | 44,771.81        | 174,960.29        | 43,732.80        | 34,177.50        | 48,423.55        | 0.00        | 301,294.14        |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>34,177.50</b> | <b>48,423.55</b> | <b>0.00</b> | <b>301,294.14</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 1,968.0000 | 0.0005  | 1,968.0000 | 153.0966 | 66.1527       | 88.9026        | 0.0021  |

**Activity: 41001.01 Tank Rehab Quantity: 230000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.57              | 0.19             | 0.76              | 0.19             | 0.15             | 0.21             | 0.00        | 1.31              |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>34,177.50</b> | <b>48,423.55</b> | <b>0.00</b> | <b>301,294.14</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 0.9508       | 0.0021        | 479.1667      | 455.6106     | 60.0000 | 3,833.3333  | 0.0003      | 5,021.5690 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,968.0000 | 116.8699 | 0.0086  | 88.9026        | 0.5660          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 60 Eff: 100.00 Crew Hrs: 480.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 17,000.00 | 108.500  | 18,445.00 | 18,445.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 416.00   | BAG  | 80.00     | 108.500  | 86.80     | 36,108.80  |
| 3SANDPOT   | Sand Pot                | 1.00     | 35.00    | DAY  | 110.00    | 108.500  | 119.35    | 4,177.25   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 7,500.00  | 108.500  | 8,137.50  | 8,137.50   |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 480.00   | HR   | 38.00     | 108.500  | 41.23     | 19,790.40  |
| 8UTLPU     | Utility Pickup          | 1.00     | 480.00   | HR   | 49.88     | 100.000  | 49.88     | 23,942.40  |
| IRON       | Iron Worker             | 0.10     | 48.00    | MH   | 82.86     | 100.000  | 111.36    | 5,345.06   |
| LABORER    | Laborer                 | 1.00     | 480.00   | MH   | 65.00     | 100.000  | 87.35     | 41,929.68  |
| PAINT      | Painter                 | 3.00     | 1,440.00 | MH   | 65.98     | 100.000  | 88.67     | 127,685.55 |

**Biditem**

**Wolfe Estates Tank GA/OH**

**Client #: Wolfe Estates Tank GA**

**62**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 140,231.28        | 0.00        | 140,231.28        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>140,231.28</b> | <b>0.00</b> | <b>140,231.28</b> |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls       | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 140,231.28        | 0.00        | 140,231.28        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>140,231.28</b> | <b>0.00</b> | <b>140,231.28</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ESC2029 | 2029 Escalation | 1.00     | 364,445.00 | LS   | 0.21      | 100.000  | 0.21      | 77,080.12 |
| 1SUBFEE  | Sub Fee         | 1.00     | 325,397.00 | LS   | 0.12      | 100.000  | 0.12      | 39,047.64 |
| 1SUBOH   | Sub Overhead    | 1.00     | 301,294.00 | LS   | 0.08      | 100.000  | 0.08      | 24,103.52 |

**Biditem**

**64**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Wolfe Estates Tariff**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 43,732.00 | LS   | 0.25      | 100.000  | 0.25      | 10,933.00 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2030 Pipe                 | 2030 Pipe Replacement Program            | 1.000           | LS           | 2,447,729.77      | 2,447,729.77          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 71,666.38         | 71,666.38             |
|                           |  |                 |              |                   |                       |
|                           | <b>2030 Pipe Program</b>                 |                 |              |                   | <b>\$2,519,396.15</b> |

**Biditem**

**2030 Pipe Replacement Program**

**1950**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2030 Pipe**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,424,970.00        | 0.00        | 2,424,970.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,424,970.00</b> | <b>0.00</b> | <b>2,424,970.00</b> |

**Activity: 2030.1 Pipe Program Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,424,970.00        | 0.00        | 2,424,970.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,424,970.00</b> | <b>0.00</b> | <b>2,424,970.00</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2030   | 2030 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.28         | 100.000  | 0.28         | 524,970.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**1952**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 284,000.00 | LS   | 0.25      | 100.000  | 0.25      | 71,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>                 | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|--------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Innsbruck Tank                 | Innsbruck Tank 1M Gal Upsize             | 1.000           | LS           | 5,141,127.56      | 5,141,127.56          |
| Innsbruck Tank<br>Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 476,404.76        | 476,404.76            |
| <b>Innsbruck Tank (2029)</b>   |  |                 |              |                   | <b>\$5,617,532.32</b> |

**Biditem**

**Innsbruck Tank 1M Gal Upsize**

**1300**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Innsbruck Tank**

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats   | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|--------------|------------|--------------|
| U. Cost | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 1,794,137.95 | 965,000.00 | 5,093,323.71 |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 1,794,137.95 | 965,000.00 | 5,093,323.71 |

|  | Manhours   | Unit/MH | MH/Unit    | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|--|------------|---------|------------|------------|---------------|----------------|---------|
|  | 2,640.0000 | 0.0004  | 2,640.0000 | 1,929.2893 | 75.1467       | 100.9896       | 0.0011  |

**Activity: 700.1 Tank Foundation & Sitework Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 415,000.00 | 415,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 415,000.00 | 415,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description              | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|--------------------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework                 | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4TANKDEMO | Existing Tank Demolition | 1.00     | 1.00     | LS   | 90,000.00  | 100.000  | 90,000.00  | 90,000.00  |
| 4TANKFND  | Tank Foundation          | 1.00     | 1.00     | LS   | 215,000.00 | 100.000  | 215,000.00 | 215,000.00 |

**Activity: 700.2 Welded Steel Tank Quantity: 1000000.00 Unit: GAL**

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|------------|------------|--------------|
| U. Cost | 0.20       | 0.07      | 0.27        | 0.18       | 1.89         | 0.00       | 0.55       | 2.88         |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 0.00       | 550,000.00 | 2,884,185.76 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts   | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|----------|-------------|-------------|-------------|
| 0.4463       | 0.0009        | 1,136.3636    | 507.1429     | 110.0000 | 9,090.9091  | 0.0001      | 26,219.8705 |

|  | Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|------------|----------|---------|----------------|-----------------|
|  | 2,640.0000 | 378.7879 | 0.0026  | 100.9896       | 0.1984          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 110 Eff: 100.00 Crew Hrs: 880.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|------------------------------|----------|------------|------|-----------|----------|-----------|--------------|
| 2STEEL   | Steel Plate & Structure      | 1.00     | 300,000.00 | LB   | 5.80      | 108.500  | 6.29      | 1,887,900.00 |
| 4CRANE   | Crane                        | 1.00     | 110.00     | DAY  | 5,000.00  | 100.000  | 5,000.00  | 550,000.00   |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 880.00     | HR   | 128.66    | 108.500  | 139.60    | 122,844.57   |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 880.00     | HR   | 14.70     | 100.000  | 14.70     | 12,934.24    |
| 8UTLPU   | Utility Pickup               | 1.00     | 880.00     | HR   | 49.88     | 100.000  | 49.88     | 43,894.40    |
| LABORER  | Laborer                      | 1.00     | 880.00     | MH   | 65.00     | 100.000  | 87.35     | 76,871.08    |
| MILLWR   | Millwright                   | 2.00     | 1,760.00   | MH   | 80.22     | 100.000  | 107.81    | 189,741.47   |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats   | Sub  | Total        |
|---------|------------|--------|-------------|-----------|-----------|--------------|------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,794,137.95 | 0.00 | 1,794,137.95 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,794,137.95 | 0.00 | 1,794,137.95 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|--------------|
| 1ESC2030 | 2030 Escalation | 1.00     | 3,990,694.00 | LS   | 0.28      | 100.000  | 0.28      | 1,102,628.75 |
| 1SUBFEE  | Sub Fee         | 1.00     | 3,563,120.00 | LS   | 0.12      | 100.000  | 0.12      | 427,574.40   |
| 1SUBOH   | Sub Overhead    | 1.00     | 3,299,185.00 | LS   | 0.08      | 100.000  | 0.08      | 263,934.80   |

**Biditem**

**1301**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Innsbruck Tank Tariff Allow**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 1,887,900.00 | LS   | 0.25      | 100.000  | 0.25      | 471,975.00 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2031 Pipe                 | 2031 Pipe Replacement Program            | 1.000           | LS           | 2,569,895.71      | 2,569,895.71          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 76,460.96         | 76,460.96             |
|                           |  |                 |              |                   |                       |
|                           | <b>2031 Pipe Program</b>                 |                 |              |                   | <b>\$2,646,356.67</b> |

**Biditem**

**2031 Pipe Replacement Program**

**1970**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2031 Pipe**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,546,000.00        | 0.00        | 2,546,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,546,000.00</b> | <b>0.00</b> | <b>2,546,000.00</b> |

Activity: 2029.1 Pipe Program Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,546,000.00        | 0.00        | 2,546,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,546,000.00</b> | <b>0.00</b> | <b>2,546,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2031   | 2031 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.34         | 100.000  | 0.34         | 646,000.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**1972**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 303,000.00 | LS   | 0.25      | 100.000  | 0.25      | 75,750.00 |

**BID PROPOSAL**

| <b>Biditem</b>        | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|-----------------------|--|-----------------|--------------|-------------------|---------------------|
| 2031 Well Rehab       | 2031 Well Rehab Program                  | 1.000           | LS           | 426,679.91        | 426,679.91          |
| Tank Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 37,851.96         | 37,851.96           |
|                       | <b>2031 Well Rehab</b>                   |                 |              |                   | <b>\$464,531.87</b> |

**Biditem**

**2031 Well Rehab Program**

**1990**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2031 Well Rehab**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats         | Const Mats  | Sub              | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------------|-------------|------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 328,212.50        | 0.00        | 94,500.00        | 422,712.50        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>328,212.50</b> | <b>0.00</b> | <b>94,500.00</b> | <b>422,712.50</b> |

**Activity: 1990.1 Well Rehab Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats         | Const Mats  | Sub              | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------------|-------------|------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 328,212.50        | 0.00        | 94,500.00        | 422,712.50        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>328,212.50</b> | <b>0.00</b> | <b>94,500.00</b> | <b>422,712.50</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description                | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|----------------------------|----------|----------|------|------------|----------|------------|------------|
| 2WELLDIS   | Well Disinfection          | 1.00     | 1.00     | LS   | 10,000.00  | 108.500  | 10,850.00  | 10,850.00  |
| 2WELLMOB   | Well Driller Mob           | 1.00     | 1.00     | EA   | 25,000.00  | 108.500  | 27,125.00  | 27,125.00  |
| 2WELLPUMP  | Supply & Install Well Pump | 1.00     | 1.00     | LS   | 250,000.00 | 108.500  | 271,250.00 | 271,250.00 |
| 2WELLTEST  | Test Well w Temp Pump      | 1.00     | 1.00     | LS   | 17,500.00  | 108.500  | 18,987.50  | 18,987.50  |
| 4PUMPREHAB | Rehab Existing Well        | 1.00     | 450.00   | VF   | 210.00     | 100.000  | 210.00     | 94,500.00  |

**Biditem**

**1992**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Tank Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 150,000.00 | LS   | 0.25      | 100.000  | 0.25      | 37,500.00 |

**BID PROPOSAL**

| <b>Biditem</b>           | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|--------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Pinacle Hydro Station    | Pinacle Hydro Station                    | 1.000           | LS           | 1,679,547.23      | 1,679,547.23          |
| Pinacle Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 125,884.77        | 125,884.77            |
|                          | <b>Pinacle Hydro Station (2030)</b>      |                 |              |                   | <b>\$1,805,432.00</b> |

**Biditem**

**Pinacle Hydro Station**

**1900**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pinacle Hydro Station**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats        | Const Mats        | Sub               | Total               |
|--------------|-------------|-------------|-------------|-------------|------------------|-------------------|-------------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 45,570.00        | 637,360.26        | 981,000.00        | 1,663,930.26        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>45,570.00</b> | <b>637,360.26</b> | <b>981,000.00</b> | <b>1,663,930.26</b> |

**Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats        | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 637,360.26        | 0.00        | 637,360.26        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>637,360.26</b> | <b>0.00</b> | <b>637,360.26</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2031 | 2031 Escalation | 1.00     | 1,241,739.00 | LS   | 0.34      | 100.000  | 0.34      | 422,191.26 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,108,695.00 | LS   | 0.12      | 100.000  | 0.12      | 133,043.40 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,026,570.00 | LS   | 0.08      | 100.000  | 0.08      | 82,125.60  |

**Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS**

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

**Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 389,000.00        | 389,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>389,000.00</b> | <b>389,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

**Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats        | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 45,570.00        | 0.00        | 200,000.00        | 245,570.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>45,570.00</b> | <b>0.00</b> | <b>200,000.00</b> | <b>245,570.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 2GENSET   | Emergency Generator  | 1.00     | 1.00     | LS   | 42,000.00  | 108.500  | 45,570.00  | 45,570.00  |
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 25,000.00  | 100.000  | 25,000.00  | 25,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 5,000.00   | 100.000  | 5,000.00   | 5,000.00   |

**Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 175,000.00 | 175,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 175,000.00 | 175,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|--------------|----------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 25,000.00 | 100.000  | 25,000.00 | 25,000.00 |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00 | 100.000  | 40,000.00 | 40,000.00 |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 45,000.00 | 100.000  | 45,000.00 | 45,000.00 |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |

**Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 117,000.00 | 117,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 117,000.00 | 117,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description               | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-----------|---------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4MECHPIPE | Mechanical Pipe           | 1.00     | 1.00     | LS   | 40,000.00 | 100.000  | 40,000.00 | 40,000.00 |
| 4PUMP     | Pump - Supply & Install   | 1.00     | 1.00     | EA   | 25,000.00 | 100.000  | 25,000.00 | 25,000.00 |
| 4PUMP2    | Pump 2 - Supply & Install | 1.00     | 1.00     | LS   | 52,000.00 | 100.000  | 52,000.00 | 52,000.00 |

**Biditem**

**1901**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pinnacle Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 498,857.00 | LS   | 0.25      | 100.000  | 0.25      | 124,714.25 |

**BID PROPOSAL**

| <b>Biditem</b>        | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|-----------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2031 New Pump Station | 2031 New Pump Station                    | 1.000           | LS           | 2,160,153.17      | 2,160,153.17          |
| Well Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 216,799.12        | 216,799.12            |
|                       |  |                 |              |                   |                       |
|                       | <b>2031 New Pump Station</b>             |                 |              |                   | <b>\$2,376,952.29</b> |

**Biditem**

**2031 New Pump Station**

**Client #: 2031 New Pump Station**

**1980**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub          | Total        |
|---------|------------|--------|-------------|-----------|-----------|------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 609,067.38 | 1,531,000.00 | 2,140,067.38 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 609,067.38 | 1,531,000.00 | 2,140,067.38 |

**Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 609,067.38 | 0.00 | 609,067.38 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 609,067.38 | 0.00 | 609,067.38 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2031 | 2031 Escalation | 1.00     | 1,186,617.00 | LS   | 0.34      | 100.000  | 0.34      | 403,449.78 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,059,480.00 | LS   | 0.12      | 100.000  | 0.12      | 127,137.60 |
| 1SUBOH   | Sub Overhead    | 1.00     | 981,000.00   | LS   | 0.08      | 100.000  | 0.08      | 78,480.00  |

**Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS**

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 175,000.00 | 100.000  | 175,000.00 | 175,000.00 |

**Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 389,000.00 | 389,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 389,000.00 | 389,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

**Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 287,000.00 | 287,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 287,000.00 | 287,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.000  | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.000  | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.000  | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |

**Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|--------------|----------------|----------|----------|------|------------|----------|------------|------------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 385,000.00 | 385,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 385,000.00 | 385,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description               | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|---------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe           | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install   | 1.00     | 1.00     | EA   | 215,000.00 | 100.000  | 215,000.00 | 215,000.00 |
| 4PUMP2    | Pump 2 - Supply & Install | 1.00     | 1.00     | LS   | 60,000.00  | 100.000  | 60,000.00  | 60,000.00  |

**Biditem**

**1982**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Well Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 859,133.00 | LS   | 0.25      | 100.000  | 0.25      | 214,783.25 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2032 Pipeline             | 2032 Pipeline Replacement Program        | 1.000           | LS           | 2,698,390.50      | 2,698,390.50          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 80,750.85         | 80,750.85             |
|                           |  |                 |              |                   |                       |
|                           | <b>2032 Pipeline Program</b>             |                 |              |                   | <b>\$2,779,141.35</b> |

**Biditem**

**2032 Pipeline Replacement Program**

**2000**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2032 Pipeline**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,673,300.00        | 0.00        | 2,673,300.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,673,300.00</b> | <b>0.00</b> | <b>2,673,300.00</b> |

**Activity: 2029.1 Pipe Program Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,673,300.00        | 0.00        | 2,673,300.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,673,300.00</b> | <b>0.00</b> | <b>2,673,300.00</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2032   | 2032 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.41         | 100.000  | 0.41         | 773,300.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**2010**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 320,000.00 | LS   | 0.25      | 100.000  | 0.25      | 80,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>               | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| New Strand 1                 | New Strand 1 Tank (0.42 MG)              | 1.000           | LS           | 2,114,904.48      | 2,114,904.48          |
| New Strand 1<br>Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 100,938.56        | 100,938.56            |
|                              |  |                 |              |                   |                       |
|                              | <b>New Strand Tank (2032)</b>            |                 |              |                   | <b>\$2,215,843.04</b> |

**Biditem**

**New Strand 1 Tank (0.42 MG)**

**2200**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: New Strand 1**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats         | Const Mats        | Sub               | Total               |
|--------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|---------------------|
| U. Cost      | 108,211.20        | 37,213.83        | 145,425.03        | 98,003.57        | 792,918.00        | 543,892.82        | 515,000.00        | 2,095,239.42        |
| <b>Total</b> | <b>108,211.20</b> | <b>37,213.83</b> | <b>145,425.03</b> | <b>98,003.57</b> | <b>792,918.00</b> | <b>543,892.82</b> | <b>515,000.00</b> | <b>2,095,239.42</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|------------|---------------|----------------|---------|
| 1,440.0000 | 0.0007  | 1,440.0000 | 1,455.0274 | 75.1467       | 100.9896       | 0.0021  |

**Activity: 700.1 Tank Foundation & Sitework Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 215,000.00        | 215,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>215,000.00</b> | <b>215,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description     | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-----------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework        | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4TANKFND  | Tank Foundation | 1.00     | 1.00     | LS   | 150,000.00 | 100.000  | 150,000.00 | 150,000.00 |

**Activity: 700.2 Welded Steel Tank Quantity: 420000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats         | Const Mats        | Sub               | Total               |
|--------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|---------------------|
| U. Cost      | 0.26              | 0.09             | 0.35              | 0.23             | 1.89              | 1.29              | 0.71              | 4.48                |
| <b>Total</b> | <b>108,211.20</b> | <b>37,213.83</b> | <b>145,425.03</b> | <b>98,003.57</b> | <b>792,918.00</b> | <b>543,892.82</b> | <b>300,000.00</b> | <b>1,880,239.42</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|-------------|
| 0.5796       | 0.0011        | 875.0000      | 507.1429     | 60.0000 | 7,000.0000  | 0.0001      | 31,337.3237 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,440.0000 | 291.6667 | 0.0034  | 100.9896       | 0.2576          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 60 Eff: 100.00 Crew Hrs: 480.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|------------------------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2032 | 2032 Escalation              | 1.00     | 1,336,346.00 | LS   | 0.41      | 100.000  | 0.41      | 543,892.82 |
| 2STEEL   | Steel Plate & Structure      | 1.00     | 126,000.00   | LB   | 5.80      | 108.500  | 6.29      | 792,918.00 |
| 4CRANE   | Crane                        | 1.00     | 60.00        | DAY  | 5,000.00  | 100.000  | 5,000.00  | 300,000.00 |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 480.00       | HR   | 128.66    | 108.500  | 139.60    | 67,006.13  |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 480.00       | HR   | 14.70     | 100.000  | 14.70     | 7,055.04   |
| 8UTLPU   | Utility Pickup               | 1.00     | 480.00       | HR   | 49.88     | 100.000  | 49.88     | 23,942.40  |
| LABORER  | Laborer                      | 1.00     | 480.00       | MH   | 65.00     | 100.000  | 87.35     | 41,929.68  |
| MILLWR   | Millwright                   | 2.00     | 960.00       | MH   | 80.22     | 100.000  | 107.81    | 103,495.35 |

**Biditem**

**2202**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: New Strand 1 Tariff Allow**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 400,000.00 | LS   | 0.25      | 100.000  | 0.25      | 100,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>               | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Ski Lodge PS                 | Ski Lodge Pump Station                   | 1.000           | LS           | 2,753,762.69      | 2,753,762.69          |
| Ski Lodge PS<br>Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 219,978.18        | 219,978.18            |
|                              |  |                 |              |                   |                       |
|                              | <b>Ski Lodge PS (2030)</b>               |                 |              |                   | <b>\$2,973,740.87</b> |

**Biditem**

**Ski Lodge Pump Station**

**2100**

Takeoff Qty: 1.000 LS

Client #: Ski Lodge PS

Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats   | Sub          | Total        |
|---------|------------|--------|-------------|-----------|-----------|--------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,125,157.32 | 1,603,000.00 | 2,728,157.32 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,125,157.32 | 1,603,000.00 | 2,728,157.32 |

Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats   | Sub  | Total        |
|---------|------------|--------|-------------|-----------|-----------|--------------|------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,125,157.32 | 0.00 | 1,125,157.32 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 1,125,157.32 | 0.00 | 1,125,157.32 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2032 | 2032 Escalation | 1.00     | 1,938,989.00 | LS   | 0.41      | 100.000  | 0.41      | 789,168.52 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,731,240.00 | LS   | 0.12      | 100.000  | 0.12      | 207,748.80 |
| 1SUBOH   | Sub Overhead    | 1.00     | 1,603,000.00 | LS   | 0.08      | 100.000  | 0.08      | 128,240.00 |

Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 125,000.00 | 100.000  | 125,000.00 | 125,000.00 |

Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 441,000.00 | 441,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 441,000.00 | 441,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 70,000.00 | 100.000  | 70,000.00 | 70,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 402,000.00 | 402,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 402,000.00 | 402,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 225,000.00 | 100.000  | 225,000.00 | 225,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.000  | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.000  | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.000  | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |

Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|--------------|----------------|----------|----------|------|------------|----------|------------|------------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 340,000.00 | 340,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 340,000.00 | 340,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 90,000.00  | 100.000  | 90,000.00  | 90,000.00  |
| 4PUMP     | Pump - Supply & Install | 1.00     | 2.00     | EA   | 125,000.00 | 100.000  | 125,000.00 | 250,000.00 |

**Biditem**

**2101**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Ski Lodge PS Tariff Allow**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 871,731.00 | LS   | 0.25      | 100.000  | 0.25      | 217,932.75 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2033 Pipeline             | 2033 Pipeline Replacement Program        | 1.000           | LS           | 2,832,638.78      | 2,832,638.78          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 83,274.31         | 83,274.31             |
|                           |  |                 |              |                   |                       |
|                           | <b>2033 Pipeline</b>                     |                 |              |                   | <b>\$2,915,913.09</b> |

Biditem

**2033 Pipeline Replacement Program**

**2350**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2033 Pipeline**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls  | Sub  | Total        |
|---------|------------|--------|-------------|-----------|------------|--------------|------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 2,806,300.00 | 0.00 | 2,806,300.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 2,806,300.00 | 0.00 | 2,806,300.00 |

Activity: 2029.1 Pipe Program Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls  | Sub  | Total        |
|---------|------------|--------|-------------|-----------|------------|--------------|------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 2,806,300.00 | 0.00 | 2,806,300.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 2,806,300.00 | 0.00 | 2,806,300.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2033   | 2033 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.48         | 100.000  | 0.48         | 906,300.00   |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**2352**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 330,000.00 | LS   | 0.25      | 100.000  | 0.25      | 82,500.00 |

**BID PROPOSAL**

| <b>Biditem</b>             | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|----------------------------|--|-----------------|--------------|-------------------|---------------------|
| Prosser Annex Tank Rehab   | Prosser Annex Tank Rehab                 | 1.000           | LS           | 307,648.45        | 307,648.45          |
| Prosser Annex Tank GA      | Prosser Annex Tank GA/OH                 | 1.000           | LS           | 241,840.27        | 241,840.27          |
| Prosser Annex Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 9,719.63          | 9,719.63            |
|                            |  |                 |              |                   |                     |
|                            | <b>Prosser Annex Tank Rehab</b>          |                 |              |                   | <b>\$559,208.35</b> |

**Biditem**

**Prosser Annex Tank Rehab**

**Client #: Prosser Annex Tank Rehab**

**90**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 130,188.48        | 44,771.81        | 174,960.29        | 43,732.80        | 38,517.50        | 47,577.25        | 0.00        | 304,787.84        |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>38,517.50</b> | <b>47,577.25</b> | <b>0.00</b> | <b>304,787.84</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 1,968.0000 | 0.0005  | 1,968.0000 | 154.8719 | 66.1527       | 88.9026        | 0.0021  |

**Activity: 41001.01 Tank Rehab Quantity: 215000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.61              | 0.21             | 0.81              | 0.20             | 0.18             | 0.22             | 0.00        | 1.42              |
| <b>Total</b> | <b>130,188.48</b> | <b>44,771.81</b> | <b>174,960.29</b> | <b>43,732.80</b> | <b>38,517.50</b> | <b>47,577.25</b> | <b>0.00</b> | <b>304,787.84</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 1.0172       | 0.0022        | 447.9167      | 455.6106     | 60.0000 | 3,583.3333  | 0.0003      | 5,079.7973 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 1,968.0000 | 109.2480 | 0.0092  | 88.9026        | 0.6055          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 60 Eff: 100.00 Crew Hrs: 480.00 Labor Pcs: 4.10 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 21,000.00 | 108.500  | 22,785.00 | 22,785.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 2,500.00 | LB   | 5.80      | 108.500  | 6.29      | 15,732.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 390.00   | BAG  | 80.00     | 108.500  | 86.80     | 33,852.00  |
| 3SANDPOT   | Sand Pot                | 1.00     | 35.00    | DAY  | 110.00    | 108.500  | 119.35    | 4,177.25   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 8,800.00  | 108.500  | 9,548.00  | 9,548.00   |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 480.00   | HR   | 38.00     | 108.500  | 41.23     | 19,790.40  |
| 8UTLPU     | Utility Pickup          | 1.00     | 480.00   | HR   | 49.88     | 100.000  | 49.88     | 23,942.40  |
| IRON       | Iron Worker             | 0.10     | 48.00    | MH   | 82.86     | 100.000  | 111.36    | 5,345.06   |
| LABORER    | Laborer                 | 1.00     | 480.00   | MH   | 65.00     | 100.000  | 87.35     | 41,929.68  |
| PAINT      | Painter                 | 3.00     | 1,440.00 | MH   | 65.98     | 100.000  | 88.67     | 127,685.55 |

Biditem

**Prosser Annex Tank GA/OH**

**Client #: Prosser Annex Tank GA**

**92**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,591.56  | 0.00 | 239,591.56 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,591.56  | 0.00 | 239,591.56 |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,591.56  | 0.00 | 239,591.56 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 239,591.56  | 0.00 | 239,591.56 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ESC2033 | 2033 Escalation | 1.00     | 368,361.00 | LS   | 0.48      | 100.000  | 0.48      | 175,708.20 |
| 1SUBFEE  | Sub Fee         | 1.00     | 329,170.00 | LS   | 0.12      | 100.000  | 0.12      | 39,500.40  |
| 1SUBOH   | Sub Overhead    | 1.00     | 304,787.00 | LS   | 0.08      | 100.000  | 0.08      | 24,382.96  |

**Biditem**

**94**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Prosser Annex Tariff Allow**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|----------|
| 1ALLOWANCE | Allowance   | 1.00     | 38,517.00 | LS   | 0.25      | 100.000  | 0.25      | 9,629.25 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>    |
|---------------------------|--|-----------------|--------------|-------------------|---------------------|
| Gateway Tank Rehab        | Gateway Tank Rehab                       | 1.000           | LS           | 521,047.97        | 521,047.97          |
| Gateway Tank Rehab GA     | Gateway Tank Rehab GA/OH                 | 1.000           | LS           | 409,775.44        | 409,775.44          |
| Gateway Tank Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 17,057.35         | 17,057.35           |
|                           |  |                 |              |                   |                     |
|                           | <b>Gateway Tank Rehab</b>                |                 |              |                   | <b>\$947,880.76</b> |

**Biditem**

**Gateway Tank Rehab**

**Client #: Gateway Tank Rehab**

**100**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 221,312.00        | 76,109.20        | 297,421.20        | 58,310.40        | 67,595.50        | 92,876.00        | 0.00        | 516,203.10        |
| <b>Total</b> | <b>221,312.00</b> | <b>76,109.20</b> | <b>297,421.20</b> | <b>58,310.40</b> | <b>67,595.50</b> | <b>92,876.00</b> | <b>0.00</b> | <b>516,203.10</b> |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 3,200.0000 | 0.0003  | 3,200.0000 | 161.3135 | 69.1600       | 92.9441        | 0.0016  |

**Activity: 41001.01 Tank Rehab Quantity: 450000.00 Unit: GAL**

|              | Base Labor        | Burden           | Total Labor       | Equipment        | Perm Mats        | Const Mats       | Sub         | Total             |
|--------------|-------------------|------------------|-------------------|------------------|------------------|------------------|-------------|-------------------|
| U. Cost      | 0.49              | 0.17             | 0.66              | 0.13             | 0.15             | 0.21             | 0.00        | 1.15              |
| <b>Total</b> | <b>221,312.00</b> | <b>76,109.20</b> | <b>297,421.20</b> | <b>58,310.40</b> | <b>67,595.50</b> | <b>92,876.00</b> | <b>0.00</b> | <b>516,203.10</b> |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 0.7905       | 0.0014        | 703.1250      | 555.8306     | 80.0000 | 5,625.0000  | 0.0002      | 6,452.5388 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 3,200.0000 | 140.6250 | 0.0071  | 92.9441        | 0.4918          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: PAINT (Mod) Painting Crew Prod: S 80 Eff: 100.00 Crew Hrs: 640.00 Labor Pcs: 5.00 Equipment Pcs: 2.00

| Resource   | Description             | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2PAINT     | Paint Matl              | 1.00     | 1.00     | LS   | 42,000.00 | 108.500  | 45,570.00 | 45,570.00  |
| 2STEEL     | Steel Plate & Structure | 1.00     | 3,500.00 | LB   | 5.80      | 108.500  | 6.29      | 22,025.50  |
| 3GREENSAND | Sandblast Sand          | 1.00     | 820.00   | BAG  | 80.00     | 108.500  | 86.80     | 71,176.00  |
| 3SANDPOT   | Sand Pot                | 1.00     | 50.00    | DAY  | 110.00    | 108.500  | 119.35    | 5,967.50   |
| 3TEMPMTL   | Temp Materials          | 1.00     | 1.00     | LS   | 14,500.00 | 108.500  | 15,732.50 | 15,732.50  |
| 8*BOOM45   | 45' Boomlift            | 1.00     | 640.00   | HR   | 38.00     | 108.500  | 41.23     | 26,387.20  |
| 8UTLPU     | Utility Pickup          | 1.00     | 640.00   | HR   | 49.88     | 100.000  | 49.88     | 31,923.20  |
| IRON       | Iron Worker             | 1.00     | 640.00   | MH   | 82.86     | 100.000  | 111.36    | 71,267.56  |
| LABORER    | Laborer                 | 1.00     | 640.00   | MH   | 65.00     | 100.000  | 87.35     | 55,906.24  |
| PAINT      | Painter                 | 3.00     | 1,920.00 | MH   | 65.98     | 100.000  | 88.67     | 170,247.40 |

**Biditem**

**Gateway Tank Rehab GA/OH**

**Client #: Gateway Tank Rehab GA**

**102**

Takeoff Qty: 1.000 LS

Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 405,965.22  | 0.00 | 405,965.22 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 405,965.22  | 0.00 | 405,965.22 |

Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 405,965.22  | 0.00 | 405,965.22 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 405,965.22  | 0.00 | 405,965.22 |

Calendar: STD Standard

Hrs/Shift: 8

WC: 5221

Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ESC2033 | 2033 Escalation | 1.00     | 624,352.00 | LS   | 0.48      | 100.000  | 0.48      | 297,815.90 |
| 1SUBFEE  | Sub Fee         | 1.00     | 557,109.00 | LS   | 0.12      | 100.000  | 0.12      | 66,853.08  |
| 1SUBOH   | Sub Overhead    | 1.00     | 516,203.00 | LS   | 0.08      | 100.000  | 0.08      | 41,296.24  |

**Biditem**

**104**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Gateway Tank Tariff Allow**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity  | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|-----------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 67,595.00 | LS   | 0.25      | 100.000  | 0.25      | 16,898.75 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| New Well Program          | 2033 New Well                            | 1.000           | LS           | 1,290,024.46      | 1,290,024.46          |
| New Well Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 88,321.24         | 88,321.24             |
|                           |  |                 |              |                   |                       |
|                           | <b>2032 New Well</b>                     |                 |              |                   | <b>\$1,378,345.70</b> |

**Biditem**

**2033 New Well**

**2150**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: New Well Program**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls        | Const Matls       | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------------|-------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 865,287.50        | 412,741.90        | 0.00        | 1,278,029.40        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>865,287.50</b> | <b>412,741.90</b> | <b>0.00</b> | <b>1,278,029.40</b> |

**Activity: 710 New Well Construction Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls        | Const Matls       | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------------|-------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 865,287.50        | 412,741.90        | 0.00        | 1,278,029.40        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>865,287.50</b> | <b>412,741.90</b> | <b>0.00</b> | <b>1,278,029.40</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource  | Description                | Pcs/Wste | Quantity   | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------------|----------|------------|------|------------|----------|------------|------------|
| 1ESC2033  | 2033 Escalation            | 1.00     | 865,287.00 | LS   | 0.48       | 100.000  | 0.48       | 412,741.90 |
| 2WELLDIS  | Well Disinfection          | 1.00     | 1.00       | LS   | 10,000.00  | 108.500  | 10,850.00  | 10,850.00  |
| 2WELLDRI  | Well Drilling              | 1.00     | 450.00     | VF   | 1,100.00   | 108.500  | 1,193.50   | 537,075.00 |
| 2WELLMOB  | Well Driller Mob           | 1.00     | 1.00       | EA   | 25,000.00  | 108.500  | 27,125.00  | 27,125.00  |
| 2WELLPUM  | Supply & Install Well Pump | 1.00     | 1.00       | LS   | 250,000.00 | 108.500  | 271,250.00 | 271,250.00 |
| 2WELLTEST | Test Well w Temp Pump      | 1.00     | 1.00       | LS   | 17,500.00  | 108.500  | 18,987.50  | 18,987.50  |

**Biditem**

**2152**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: New Well Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 350,000.00 | LS   | 0.25      | 100.000  | 0.25      | 87,500.00 |

**BID PROPOSAL**

| <b>Biditem</b>           | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|--------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2033 Pump Station        | 2033 New Pump Station                    | 1.000           | LS           | 2,324,341.78      | 2,324,341.78          |
| 2033 PS Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 88,321.24         | 88,321.24             |
|                          |  |                 |              |                   |                       |
|                          | <b>2033 Pump Station</b>                 |                 |              |                   | <b>\$2,412,663.02</b> |

**Biditem**

**2033 New Pump Station**

**2300**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2033 Pump Station**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats        | Sub                 | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|---------------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 771,729.31        | 1,531,000.00        | 2,302,729.31        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>771,729.31</b> | <b>1,531,000.00</b> | <b>2,302,729.31</b> |

**Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats        | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 771,729.31        | 0.00        | 771,729.31        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>771,729.31</b> | <b>0.00</b> | <b>771,729.31</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2033 | 2033 Escalation | 1.00     | 1,186,817.00 | LS   | 0.48      | 100.000  | 0.48      | 566,111.71 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,059,480.00 | LS   | 0.12      | 100.000  | 0.12      | 127,137.60 |
| 1SUBOH   | Sub Overhead    | 1.00     | 981,000.00   | LS   | 0.08      | 100.000  | 0.08      | 78,480.00  |

**Activity: 02000.01 02000 - Abatement/Demo Quantity: 1.00 Unit: LS**

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 175,000.00 | 100.000  | 175,000.00 | 175,000.00 |

**Activity: 03-09.01 03000-09000 Building Shell Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 389,000.00        | 389,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>389,000.00</b> | <b>389,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

**Activity: 22-26.01 22000-26000 - MEP Trades Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 287,000.00        | 287,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>287,000.00</b> | <b>287,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.000  | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.000  | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.000  | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |

**Activity: 31-33.01 31000-33000 Site Work Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|--------------|----------------|----------|----------|------|------------|----------|------------|------------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

Activity: 40-46.01 40000-46000 Mechanical Systems Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 385,000.00 | 385,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 385,000.00 | 385,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description               | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|---------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe           | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install   | 1.00     | 1.00     | EA   | 215,000.00 | 100.000  | 215,000.00 | 215,000.00 |
| 4PUMP2    | Pump 2 - Supply & Install | 1.00     | 1.00     | LS   | 60,000.00  | 100.000  | 60,000.00  | 60,000.00  |

**Biditem**

**2302**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2033 PS Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 350,000.00 | LS   | 0.25      | 100.000  | 0.25      | 87,500.00 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2034 Pipeline             | 2034 Pipeline Replacement Program        | 1.000           | LS           | 2,974,558.39      | 2,974,558.39          |
| Pipeline Tariff Allowance | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 85,797.78         | 85,797.78             |
|                           |  |                 |              |                   |                       |
|                           | <b>2034 Pipeline</b>                     |                 |              |                   | <b>\$3,060,356.17</b> |

**Biditem**

**2034 Pipeline Replacement Program**

**2450**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2034 Pipeline**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,946,900.00        | 0.00        | 2,946,900.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,946,900.00</b> | <b>0.00</b> | <b>2,946,900.00</b> |

Activity: 2029.1 Pipe Program Quantity: 1.00 Unit: LS

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 2,946,900.00        | 0.00        | 2,946,900.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>2,946,900.00</b> | <b>0.00</b> | <b>2,946,900.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2034   | 2034 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.55         | 100.000  | 0.55         | 1,046,900.00 |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**2452**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 340,000.00 | LS   | 0.25      | 100.000  | 0.25      | 85,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>            | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|---------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2034 New Pump Station     | 2034 New Pump Station                    | 1.000           | LS           | 2,412,879.29      | 2,412,879.29          |
| Pump Station Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 100,938.56        | 100,938.56            |
|                           |  |                 |              |                   |                       |
|                           | <b>2034 Pump Station</b>                 |                 |              |                   | <b>\$2,513,817.85</b> |

**Biditem**

**2034 New Pump Station**

**2430**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2034 New Pump Station**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats        | Sub                 | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|---------------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 859,443.57        | 1,531,000.00        | 2,390,443.57        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>859,443.57</b> | <b>1,531,000.00</b> | <b>2,390,443.57</b> |

**Activity: 01000.01 GA & Fee Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats        | Sub         | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 859,443.57        | 0.00        | 859,443.57        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>859,443.57</b> | <b>0.00</b> | <b>859,443.57</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ESC2034 | 2034 Escalation | 1.00     | 1,186,617.00 | LS   | 0.55      | 100.000  | 0.55      | 653,825.97 |
| 1SUBFEE  | Sub Fee         | 1.00     | 1,059,480.00 | LS   | 0.12      | 100.000  | 0.12      | 127,137.60 |
| 1SUBOH   | Sub Overhead    | 1.00     | 981,000.00   | LS   | 0.08      | 100.000  | 0.08      | 78,480.00  |

**Activity: 02000.01 02000 - Abatement/Demo (Unreviewed) Quantity: 1.00 Unit: LS**

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 175,000.00 | 100.000  | 175,000.00 | 175,000.00 |

**Activity: 03-09.01 03000-09000 Building Shell (Unreviewed) Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 389,000.00        | 389,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>389,000.00</b> | <b>389,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

**Activity: 22-26.01 22000-26000 - MEP Trades (Unreviewed) Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Mats   | Const Mats  | Sub               | Total             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 287,000.00        | 287,000.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>287,000.00</b> | <b>287,000.00</b> |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.000  | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.000  | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.000  | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |

**Activity: 31-33.01 31000-33000 Site Work (Unreviewed) Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|--------------|----------------|----------|----------|------|------------|----------|------------|------------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

Activity: 40-46.01 40000-46000 Mechanical Systems (Unreviewed) Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 385,000.00 | 385,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 385,000.00 | 385,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description               | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|---------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe           | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install   | 1.00     | 1.00     | EA   | 215,000.00 | 100.000  | 215,000.00 | 215,000.00 |
| 4PUMP2    | Pump 2 - Supply & Install | 1.00     | 1.00     | LS   | 60,000.00  | 100.000  | 60,000.00  | 60,000.00  |

**Biditem**

**2432**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pump Station Tariff Allow**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 400,000.00 | LS   | 0.25      | 100.000  | 0.25      | 100,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>               | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| 2035 Pipeline                | 2035 Pipeline Replacement Program        | 1.000           | LS           | 3,124,149.34      | 3,124,149.34          |
| Pipeline Tariff Allowance    | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 90,844.70         | 90,844.70             |
| <b>2035 Pipeline Program</b> |  |                 |              |                   | <b>\$3,214,994.04</b> |

**Biditem**

**2035 Pipeline Replacement Program**

**4100**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: 2035 Pipeline**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 3,095,100.00        | 0.00        | 3,095,100.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>3,095,100.00</b> | <b>0.00</b> | <b>3,095,100.00</b> |

**Activity: 2029.1 Pipe Program Quantity: 1.00 Unit: LS**

|              | Base Labor  | Burden      | Total Labor | Equipment   | Perm Matls  | Const Matls         | Sub         | Total               |
|--------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|---------------------|
| U. Cost      | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 3,095,100.00        | 0.00        | 3,095,100.00        |
| <b>Total</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>3,095,100.00</b> | <b>0.00</b> | <b>3,095,100.00</b> |

**Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction**

| Resource   | Description        | Pcs/Wste | Quantity     | Unit | Unit Cost    | Tax/OT % | Actual UC    | Total        |
|------------|--------------------|----------|--------------|------|--------------|----------|--------------|--------------|
| 1ESC2035   | 3035 Escalation    | 1.00     | 1,900,000.00 | LS   | 0.63         | 100.000  | 0.63         | 1,195,100.00 |
| 1PIPEALLOW | Pipeline Allowance | 1.00     | 1.00         | LS   | 1,900,000.00 | 100.000  | 1,900,000.00 | 1,900,000.00 |

**Biditem**

**4110**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Pipeline Tariff Allowance**

Activity: 01000.1 Tariff Allowance Quantity: 1.00 Unit: LS

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|------------|-------------|----------|------------|------|-----------|----------|-----------|-----------|
| 1ALLOWANCE | Allowance   | 1.00     | 360,000.00 | LS   | 0.25      | 100.000  | 0.25      | 90,000.00 |

**BID PROPOSAL**

| <b>Biditem</b>                 | <b>Description</b>                       | <b>Quantity</b> | <b>Units</b> | <b>Unit Price</b> | <b>Bid Total</b>      |
|--------------------------------|--|-----------------|--------------|-------------------|-----------------------|
| Ski Lodge Tank                 | Ski Lodge Tank 1M Gal Upsize             | 1.000           | LS           | 6,526,527.23      | 6,526,527.23          |
| Ski Lodge Tank<br>Tariff Allow | Tariff Allowance (25% of Materials Cost) | 1.000           | LS           | 504,692.79        | 504,692.79            |
|                                |  |                 |              |                   |                       |
|                                | <b>Ski Lodge Tank (2035)</b>             |                 |              |                   | <b>\$7,031,220.02</b> |

**Biditem**

**Ski Lodge Tank 1M Gal Upsize**

**4000**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Ski Lodge Tank**

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats   | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|--------------|------------|--------------|
| U. Cost | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 3,201,655.73 | 930,000.00 | 6,465,841.49 |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 3,201,655.73 | 930,000.00 | 6,465,841.49 |

|  | Manhours   | Unit/MH | MH/Unit    | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|--|------------|---------|------------|------------|---------------|----------------|---------|
|  | 2,640.0000 | 0.0004  | 2,640.0000 | 2,449.1824 | 75.1467       | 100.9896       | 0.0011  |

**Activity: 700.1 Tank Foundation & Sitework Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 380,000.00 | 380,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 380,000.00 | 380,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description              | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|--------------------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework                 | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |
| 4TANKDEMO | Existing Tank Demolition | 1.00     | 1.00     | LS   | 90,000.00  | 100.000  | 90,000.00  | 90,000.00  |
| 4TANKFND  | Tank Foundation          | 1.00     | 1.00     | LS   | 190,000.00 | 100.000  | 190,000.00 | 190,000.00 |

**Activity: 700.2 Welded Steel Tank Quantity: 1000000.00 Unit: GAL**

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|------------|------------|--------------|
| U. Cost | 0.20       | 0.07      | 0.27        | 0.18       | 1.89         | 0.00       | 0.55       | 2.88         |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 0.00       | 550,000.00 | 2,884,185.76 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts   | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|----------|-------------|-------------|-------------|
| 0.4463       | 0.0009        | 1,136.3636    | 507.1429     | 110.0000 | 9,090.9091  | 0.0001      | 26,219.8705 |

|  | Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|--|------------|----------|---------|----------------|-----------------|
|  | 2,640.0000 | 378.7879 | 0.0026  | 100.9896       | 0.1984          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 110 Eff: 100.00 Crew Hrs: 880.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|------------------------------|----------|------------|------|-----------|----------|-----------|--------------|
| 2STEEL   | Steel Plate & Structure      | 1.00     | 300,000.00 | LB   | 5.80      | 108.500  | 6.29      | 1,887,900.00 |
| 4CRANE   | Crane                        | 1.00     | 110.00     | DAY  | 5,000.00  | 100.000  | 5,000.00  | 550,000.00   |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 880.00     | HR   | 128.66    | 108.500  | 139.60    | 122,844.57   |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 880.00     | HR   | 14.70     | 100.000  | 14.70     | 12,934.24    |
| 8UTLPU   | Utility Pickup               | 1.00     | 880.00     | HR   | 49.88     | 100.000  | 49.88     | 43,894.40    |
| LABORER  | Laborer                      | 1.00     | 880.00     | MH   | 65.00     | 100.000  | 87.35     | 76,871.08    |
| MILLWR   | Millwright                   | 2.00     | 1,760.00   | MH   | 80.22     | 100.000  | 107.81    | 189,741.47   |

**Activity: 01000.01 Contractor Overhead & Fee Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats   | Sub  | Total        |
|---------|------------|--------|-------------|-----------|-----------|--------------|------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 3,201,655.73 | 0.00 | 3,201,655.73 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 3,201,655.73 | 0.00 | 3,201,655.73 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description     | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|-----------------|----------|--------------|------|-----------|----------|-----------|--------------|
| 1ESC2035 | 3035 Escalation | 1.00     | 3,990,694.00 | LS   | 0.63      | 100.000  | 0.63      | 2,510,146.53 |
| 1SUBFEE  | Sub Fee         | 1.00     | 3,563,120.00 | LS   | 0.12      | 100.000  | 0.12      | 427,574.40   |
| 1SUBOH   | Sub Overhead    | 1.00     | 3,299,185.00 | LS   | 0.08      | 100.000  | 0.08      | 263,934.80   |

**Biditem**

**4010**

**Tariff Allowance (25% of Materials Cost)**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

**Client #: Ski Lodge Tank Tariff Allow**

Activity: 01000.1      Tariff Allowance      Quantity: 1.00      Unit: LS

Calendar: STD      Standard      Hrs/Shift: 8      WC: 5221      Concrete Construction

| Resource   | Description | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|------------|-------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1ALLOWANCE | Allowance   | 1.00     | 2,000,000.00 | LS   | 0.25      | 100.000  | 0.25      | 500,000.00 |

**Biditem**

**(Non Additive) Pipeline Installation Baseline**

**5000**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: Pipe Unit Pricing

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats  | Const Mats | Sub        | Total        |
|---------|------------|-----------|-------------|------------|------------|------------|------------|--------------|
| U. Cost | 272,548.00 | 93,729.26 | 366,277.26  | 252,836.41 | 359,745.31 | 19,920.60  | 189,058.00 | 1,187,837.58 |
| Total   | 272,548.00 | 93,729.26 | 366,277.26  | 252,836.41 | 359,745.31 | 19,920.60  | 189,058.00 | 1,187,837.58 |

| Manhours   | Unit/MH | MH/Unit    | \$/MH    | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|----------|---------------|----------------|---------|
| 3,492.0000 | 0.0003  | 3,492.0000 | 340.1597 | 78.0493       | 104.8904       | 0.0016  |

**Activity: 312500.02 (Non Additive) Pipeline Materials Quantity: 4500.00 Unit: LF**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats  | Const Mats | Sub       | Total      |
|---------|------------|--------|-------------|-----------|------------|------------|-----------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 78.98      | 0.00       | 10.63     | 89.62      |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 355,424.30 | 0.00       | 47,850.00 | 403,274.30 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description                | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|-----------|----------------------------|----------|----------|------|-----------|----------|-----------|------------|
| 2BASE     | Base Rock                  | 1.00     | 1,250.00 | TON  | 18.00     | 108.500  | 19.53     | 24,412.50  |
| 2HYDRANTS | Fire Hydrants              | 1.00     | 9.00     | EA   | 8,500.00  | 108.500  | 9,222.50  | 83,002.50  |
| 2MISCMTL  | Misc Materials             | 1.00     | 4,500.00 | LF   | 1.00      | 108.500  | 1.09      | 4,882.50   |
| 2PIPEFTG  | Pipe Fittings              | 1.00     | 1.00     | LS   | 25,000.00 | 108.500  | 27,125.00 | 27,125.00  |
| 2PIPEMTL  | Pipe Materials - Permanent | 1.00     | 4,500.00 | LF   | 38.00     | 108.500  | 41.23     | 185,535.00 |
| 2SAND     | Bedding Sand - FOB Plant   | 1.00     | 1,755.00 | TON  | 16.00     | 108.500  | 17.36     | 30,466.80  |
| 4HAUL     | Hauling - Sub              | 1.00     | 330.00   | HR   | 145.00    | 100.000  | 145.00    | 47,850.00  |

**Activity: 339900.07 (Non Additive) Unload/Stage Pipe Quantity: 4500.00 Unit: LF**

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub      | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|----------|-----------|
| U. Cost | 1.17       | 0.40     | 1.58        | 1.11      | 0.00      | 0.00       | 0.77     | 3.46      |
| Total   | 5,280.00   | 1,815.78 | 7,095.78    | 4,992.45  | 0.00      | 0.00       | 3,480.00 | 15,568.23 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 2.6863       | 0.0053        | 187.5000      | 503.6763     | 3.0000 | 1,500.0000  | 0.0007      | 5,189.4100 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 72.0000  | 62.5000 | 0.0160  | 98.5525        | 1.1733          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: LAB4 (Mod) 4 Man Labor Crew Prod: CH 24 Eff: 100.00 Crew Hrs: 24.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description              | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|--------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 4HAUL    | Hauling - Sub            | 1.00     | 24.00    | HR   | 145.00    | 100.000  | 145.00    | 3,480.00 |
| 8*FORK8  | Reach Forklift - 8000 lb | 1.00     | 24.00    | HR   | 145.75    | 108.500  | 158.14    | 3,795.33 |
| 8UTLPU   | Utility Pickup           | 1.00     | 24.00    | HR   | 49.88     | 100.000  | 49.88     | 1,197.12 |
| LAB4     | Labor Foreman            | 1.00     | 24.00    | MH   | 68.00     | 100.000  | 91.39     | 2,193.24 |
| LABORER  | Laborer                  | 1.00     | 24.00    | MH   | 65.00     | 100.000  | 87.35     | 2,096.48 |
| OPERATOR | Operator                 | 1.00     | 24.00    | MH   | 87.00     | 100.000  | 116.92    | 2,806.06 |

**Activity: 312500.01 (Non Additive) Erosion & Sed Controls Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub       | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|-----------|-----------|
| U. Cost | 10,850.00  | 3,731.32 | 14,581.32   | 3,984.88  | 0.00      | 6,954.85   | 10,280.00 | 35,801.05 |
| Total   | 10,850.00  | 3,731.32 | 14,581.32   | 3,984.88  | 0.00      | 6,954.85   | 10,280.00 | 35,801.05 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 18,566.2000  | 50.0000       | 0.0200        | 371.3240     | 6.2500 | 0.1600      | 6.2500      | 5,728.1680 |

| Manhours | Unit/MH | MH/Unit  | Total Labor/MH | Base Labor/Unit |
|----------|---------|----------|----------------|-----------------|
| 150.0000 | 0.0067  | 150.0000 | 97.2088        | 10,850.0000     |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: MINIP Mini Pipe Crew Prod: CH 50 Eff: 100.00 Crew Hrs: 50.00 Labor Pcs: 3.00 Equipment Pcs: 1.00

| Resource    | Description                | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|-------------|----------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 3BMPROCK    | Access Rock                | 1.00     | 30.00    | TON  | 24.00     | 108.500  | 26.04     | 781.20   |
| 3BMPSF      | Silt Fence                 | 1.00     | 300.00   | LF   | 2.80      | 108.500  | 3.04      | 911.40   |
| 3BMPWADDLE  | Straw Waddle               | 1.00     | 200.00   | LF   | 3.50      | 108.500  | 3.80      | 759.50   |
| 3DUMPSTER   | Dumpster                   | 1.00     | 1.00     | EA   | 650.00    | 108.500  | 705.25    | 705.25   |
| 3SWPPP      | SWPPP Plan & Admin         | 1.00     | 1.00     | LS   | 3,500.00  | 108.500  | 3,797.50  | 3,797.50 |
| 4HAUL       | Hauling - Sub              | 1.00     | 16.00    | HR   | 145.00    | 100.000  | 145.00    | 2,320.00 |
| 4SWEEPER    | Street Sweeper             | 1.00     | 24.00    | HR   | 225.00    | 100.000  | 225.00    | 5,400.00 |
| 4WATERTRUCK | Water Truck                | 1.00     | 20.00    | HR   | 128.00    | 100.000  | 128.00    | 2,560.00 |
| 8243        | BACKHOE/LOADER 60-90HP 4WD | 1.00     | 50.00    | HR   | 73.45     | 108.500  | 79.70     | 3,984.88 |
| LABORER     | Laborer                    | 2.00     | 100.00   | MH   | 65.00     | 100.000  | 87.35     | 8,735.35 |
| OPERATOR    | Operator                   | 1.00     | 50.00    | MH   | 87.00     | 100.000  | 116.92    | 5,845.97 |

Activity: 339900.01.0 (Non Additive) Install Pipelines - Dig/Lay/Backfill Quantity: 4500.00 Unit: LF

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Matls | Const Matls | Sub       | Total      |
|---------|------------|-----------|-------------|------------|------------|-------------|-----------|------------|
| U. Cost | 31.18      | 10.72     | 41.90       | 38.32      | 0.00       | 2.70        | 17.81     | 100.72     |
| Total   | 140,288.00 | 48,245.04 | 188,533.04  | 172,424.90 | 0.00       | 12,152.00   | 80,148.00 | 453,257.94 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|-------------|
| 80.2129      | 0.0569        | 17.5781       | 1,409.9920   | 32.0000 | 140.6250    | 0.0071      | 14,164.3106 |

| Manhours   | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|---------|---------|----------------|-----------------|
| 1,792.0000 | 2.5112  | 0.3982  | 105.2082       | 31.1751         |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: LGPIPE Large Pipe Crew Prod: S 32 Eff: 100.00 Crew Hrs: 256.00 Labor Pcs: 7.00 Equipment Pcs: 4.00

| Resource    | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|-------------|------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 3FUSIONRENT | Fusion Rental                | 1.00     | 4.00     | WK   | 2,800.00  | 108.500  | 3,038.00  | 12,152.00 |
| 4HAUL       | Hauling - Sub                | 1.00     | 256.00   | HR   | 145.00    | 100.000  | 145.00    | 37,120.00 |
| 4SAW        | Sawcutting Sub               | 1.00     | 54.00    | HR   | 190.00    | 100.000  | 190.00    | 10,260.00 |
| 4WATER      | Water Truck                  | 1.00     | 256.00   | HR   | 128.00    | 100.000  | 128.00    | 32,768.00 |
| 8268        | LOADER WHEEL 3.0-3.4 CUBIC Y | 1.00     | 256.00   | HR   | 153.44    | 108.500  | 166.48    | 42,619.22 |
| 8283        | EXCAVATOR LARGE              | 1.00     | 256.00   | HR   | 294.99    | 108.500  | 320.06    | 81,936.42 |
| 8326        | 4000 GAL WATER TRUCK         | 1.00     | 256.00   | HR   | 126.37    | 108.500  | 137.11    | 35,099.98 |
| 8UTLPU      | Utility Pickup               | 1.00     | 256.00   | HR   | 49.88     | 100.000  | 49.88     | 12,769.28 |
| LABORER     | Laborer                      | 3.00     | 768.00   | MH   | 65.00     | 100.000  | 87.35     | 67,087.49 |
| OPER4       | Operator Foreman             | 1.00     | 256.00   | MH   | 92.00     | 100.000  | 123.64    | 31,651.53 |
| OPERATOR    | Operator                     | 3.00     | 768.00   | MH   | 87.00     | 100.000  | 116.92    | 89,794.02 |

Activity: 339900.01.1 (Non Additive) Install Laterals and FH Quantity: 25.00 Unit: EA

|         | Base Labor | Burden    | Total Labor | Equipment | Perm Matls | Const Matls | Sub       | Total      |
|---------|------------|-----------|-------------|-----------|------------|-------------|-----------|------------|
| U. Cost | 1,647.36   | 566.53    | 2,213.89    | 1,296.04  | 0.00       | 0.00        | 1,092.00  | 4,601.92   |
| Total   | 41,184.00  | 14,163.18 | 55,347.18   | 32,400.92 | 0.00       | 0.00        | 27,300.00 | 115,048.10 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 3,509.9240   | 4.1600        | 0.2404        | 843.7317     | 13.0000 | 1.9231      | 0.5200      | 8,849.8538 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 520.0000 | 0.0481  | 20.8000 | 106.4369       | 1,647.3600      |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE Small Pipe Crew Prod: S 13 Eff: 100.00 Crew Hrs: 104.00 Labor Pcs: 5.00 Equipment Pcs: 3.00

| Resource | Description   | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|---------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4HAUL    | Hauling - Sub | 1.00     | 100.00   | HR   | 145.00    | 100.000  | 145.00    | 14,500.00 |

|          |                              |      |        |    |        |         |        |           |
|----------|------------------------------|------|--------|----|--------|---------|--------|-----------|
| 4WATER   | Water Truck                  | 1.00 | 100.00 | HR | 128.00 | 100.000 | 128.00 | 12,800.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00 | 104.00 | HR | 111.02 | 108.500 | 120.46 | 12,527.50 |
| 8276     | EXCAVATOR SMALL              | 1.00 | 104.00 | HR | 130.15 | 108.500 | 141.21 | 14,685.90 |
| 8UTLPU   | Utility Pickup               | 1.00 | 104.00 | HR | 49.88  | 100.000 | 49.88  | 5,187.52  |
| LABORER  | Laborer                      | 2.00 | 208.00 | MH | 65.00  | 100.000 | 87.35  | 18,169.53 |
| OPER4    | Operator Foreman             | 1.00 | 104.00 | MH | 92.00  | 100.000 | 123.64 | 12,858.44 |
| OPERATOR | Operator                     | 2.00 | 208.00 | MH | 87.00  | 100.000 | 116.92 | 24,319.21 |

**Activity:** 339900.05 (Non Additive) Potholing **Quantity:** 40.00 **Unit:** EA

|         | Base Labor | Burden    | Total Labor | Equipment | Perm Mats | Const Mats | Sub       | Total      |
|---------|------------|-----------|-------------|-----------|-----------|------------|-----------|------------|
| U. Cost | 1,584.00   | 544.74    | 2,128.74    | 722.85    | 0.00      | 0.00       | 500.00    | 3,351.59   |
| Total   | 63,360.00  | 21,789.51 | 85,149.51   | 28,914.19 | 0.00      | 0.00       | 20,000.00 | 134,063.70 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts  | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|---------|-------------|-------------|------------|
| 2,851.5925   | 4.0000        | 0.2500        | 712.8981     | 20.0000 | 2.0000      | 0.5000      | 6,703.1850 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 800.0000 | 0.0500  | 20.0000 | 106.4369       | 1,584.0000      |

**Calendar:** STD Standard **Hrs/Shift:** 8 **WC:** 5221 **Concrete Construction**

**Crew:** SMPPIPE (Mod) Small Pipe Crew **Prod:** HU 4 **Eff:** 100.00 **Crew Hrs:** 160.00 **Labor Pcs:** 5.00 **Equipment Pcs:** 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4VACTOR  | Vactor Truck                 | 1.00     | 80.00    | HR   | 250.00    | 100.000  | 250.00    | 20,000.00 |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 0.50     | 80.00    | HR   | 111.02    | 108.500  | 120.46    | 9,636.54  |
| 8276     | EXCAVATOR SMALL              | 0.50     | 80.00    | HR   | 130.15    | 108.500  | 141.21    | 11,296.85 |
| 8UTLPU   | Utility Pickup               | 1.00     | 160.00   | HR   | 49.88     | 100.000  | 49.88     | 7,980.80  |
| LABORER  | Laborer                      | 2.00     | 320.00   | MH   | 65.00     | 100.000  | 87.35     | 27,953.12 |
| OPER4    | Operator Foreman             | 1.00     | 160.00   | MH   | 92.00     | 100.000  | 123.64    | 19,782.21 |
| OPERATOR | Operator                     | 2.00     | 320.00   | MH   | 87.00     | 100.000  | 116.92    | 37,414.18 |

**Activity:** 339900.06 (Non Additive) Raise/Collar **Quantity:** 21.00 **Unit:** EA

|         | Base Labor | Burden   | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total     |
|---------|------------|----------|-------------|-----------|-----------|------------|------|-----------|
| U. Cost | 434.00     | 149.25   | 583.25      | 416.97    | 89.51     | 0.00       | 0.00 | 1,089.74  |
| Total   | 9,114.00   | 3,134.31 | 12,248.31   | 8,756.38  | 1,879.76  | 0.00       | 0.00 | 22,884.45 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 1,000.2233   | 2.0000        | 0.5000        | 500.1117     | 5.2500 | 4.0000      | 0.2500      | 4,358.9429 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|---------|---------|----------------|-----------------|
| 126.0000 | 0.1667  | 6.0000  | 97.2088        | 434.0000        |

**Calendar:** STD Standard **Hrs/Shift:** 8 **WC:** 5221 **Concrete Construction**

**Crew:** RAISE Utilitiy Raise/Collar **Prod:** HU 2 **Eff:** 100.00 **Crew Hrs:** 42.00 **Labor Pcs:** 3.00 **Equipment Pcs:** 4.00

| Resource | Description                 | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|-----------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2CONC    | Ready-Mix Concrete          | 1.00     | 10.50    | CY   | 165.00    | 108.500  | 179.02    | 1,879.76 |
| 8002     | COMPRESSOR 175-195 CFM      | 1.00     | 42.00    | HR   | 28.37     | 108.500  | 30.78     | 1,292.82 |
| 8016     | BREAKER PAVEMENT AIR 90#    | 1.00     | 42.00    | HR   | 18.00     | 108.500  | 19.53     | 820.26   |
| 8245     | BACKHOE/LOADER 91-104HP 4WD | 1.00     | 42.00    | HR   | 99.81     | 108.500  | 108.29    | 4,548.34 |
| 8UTLPU   | Utility Pickup              | 1.00     | 42.00    | HR   | 49.88     | 100.000  | 49.88     | 2,094.96 |
| LABORER  | Laborer                     | 2.00     | 84.00    | MH   | 65.00     | 100.000  | 87.35     | 7,337.69 |
| OPERATOR | Operator                    | 1.00     | 42.00    | MH   | 87.00     | 100.000  | 116.92    | 4,910.62 |

**Activity:** 402319.01 (Non Additive) Pipe Testing/Cleaning **Quantity:** 4500.00 **Unit:** LF

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub  | Total    |
|---------|------------|--------|-------------|-----------|-----------|------------|------|----------|
| U. Cost | 0.55       | 0.19   | 0.74        | 0.30      | 0.54      | 0.18       | 0.00 | 1.76     |
| Total   | 2,472.00   | 850.12 | 3,322.12    | 1,362.69  | 2,441.25  | 813.75     | 0.00 | 7,939.81 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts | Units/Shift | Shifts/Unit | \$/Shift   |
|--------------|---------------|---------------|--------------|--------|-------------|-------------|------------|
| 1.0411       | 0.0018        | 562.5000      | 585.6013     | 1.0000 | 4,500.0000  | 0.0002      | 7,939.8100 |

| Manhours | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|----------|----------|---------|----------------|-----------------|
| 32.0000  | 140.6250 | 0.0071  | 103.8163       | 0.5493          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: SMPPIPE (Mod) Small Pipe Crew Prod: CH 8 Eff: 100.00 Crew Hrs: 8.00 Labor Pcs: 4.00 Equipment Pcs: 2.00

| Resource | Description                  | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total    |
|----------|------------------------------|----------|----------|------|-----------|----------|-----------|----------|
| 2PIPEMTL | Pipe Materials - Permanent   | 1.00     | 4,500.00 | LF   | 0.50      | 108.500  | 0.54      | 2,441.25 |
| 3BACT    | Bacteria Testing             | 1.00     | 3.00     | EA   | 250.00    | 108.500  | 271.25    | 813.75   |
| 8267     | LOADER WHEEL 2.5-2.9 CUBIC Y | 1.00     | 8.00     | HR   | 111.02    | 108.500  | 120.46    | 963.65   |
| 8UTLPU   | Utility Pickup               | 1.00     | 8.00     | HR   | 49.88     | 100.000  | 49.88     | 399.04   |
| LABORER  | Laborer                      | 2.00     | 16.00    | MH   | 65.00     | 100.000  | 87.35     | 1,397.66 |
| OPER4    | Operator Foreman             | 1.00     | 8.00     | MH   | 92.00     | 100.000  | 123.64    | 989.11   |
| OPERATOR | Operator                     | 1.00     | 8.00     | MH   | 87.00     | 100.000  | 116.92    | 935.35   |

**Biditem**

**(Non Additive) Tank Installation Baseline**

**5010**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: Tank Unit Pricing

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|------------|------------|--------------|
| U. Cost | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 0.00       | 840,000.00 | 3,174,185.76 |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 0.00       | 840,000.00 | 3,174,185.76 |

| Manhours   | Unit/MH | MH/Unit    | \$/MH      | Base Labor/MH | Total Labor/MH | Unit/CH |
|------------|---------|------------|------------|---------------|----------------|---------|
| 2,640.0000 | 0.0004  | 2,640.0000 | 1,202.3431 | 75.1467       | 100.9896       | 0.0011  |

**Activity: 700.1 (Non Additive) Tank Foundation & Siteowrk Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Mats | Const Mats | Sub        | Total      |
|---------|------------|--------|-------------|-----------|-----------|------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 290,000.00 | 290,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00      | 0.00       | 290,000.00 | 290,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description     | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-----------------|----------|----------|------|------------|----------|------------|------------|
| 4SITEWORK | Sitework        | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |
| 4TANKFND  | Tank Foundation | 1.00     | 1.00     | LS   | 190,000.00 | 100.000  | 190,000.00 | 190,000.00 |

**Activity: 700.2 (Non Additive) Welded Steel Tank Quantity: 1000000.00 Unit: GAL**

|         | Base Labor | Burden    | Total Labor | Equipment  | Perm Mats    | Const Mats | Sub        | Total        |
|---------|------------|-----------|-------------|------------|--------------|------------|------------|--------------|
| U. Cost | 0.20       | 0.07      | 0.27        | 0.18       | 1.89         | 0.00       | 0.55       | 2.88         |
| Total   | 198,387.20 | 68,225.35 | 266,612.55  | 179,673.21 | 1,887,900.00 | 0.00       | 550,000.00 | 2,884,185.76 |

| Crew \$/Unit | Crew Hrs/Unit | Units/Crew Hr | \$/Crew Hour | Shifts   | Units/Shift | Shifts/Unit | \$/Shift    |
|--------------|---------------|---------------|--------------|----------|-------------|-------------|-------------|
| 0.4463       | 0.0009        | 1,136.3636    | 507.1429     | 110.0000 | 9,090.9091  | 0.0001      | 26,219.8705 |

| Manhours   | Unit/MH  | MH/Unit | Total Labor/MH | Base Labor/Unit |
|------------|----------|---------|----------------|-----------------|
| 2,640.0000 | 378.7879 | 0.0026  | 100.9896       | 0.1984          |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

Crew: WELD Welding Crew Prod: S 110 Eff: 100.00 Crew Hrs: 880.00 Labor Pcs: 3.00 Equipment Pcs: 3.00

| Resource | Description                  | Pcs/Wste | Quantity   | Unit | Unit Cost | Tax/OT % | Actual UC | Total        |
|----------|------------------------------|----------|------------|------|-----------|----------|-----------|--------------|
| 2STEEL   | Steel Plate & Structure      | 1.00     | 300,000.00 | LB   | 5.80      | 108.500  | 6.29      | 1,887,900.00 |
| 4CRANE   | Crane                        | 1.00     | 110.00     | DAY  | 5,000.00  | 100.000  | 5,000.00  | 550,000.00   |
| 8*FORK10 | Reach Forklift - 10000 lb    | 1.00     | 880.00     | HR   | 128.66    | 108.500  | 139.60    | 122,844.57   |
| 8336     | WELDER ARC 300 AMP GAS/DIESE | 1.00     | 880.00     | HR   | 14.70     | 100.000  | 14.70     | 12,934.24    |
| 8UTLPU   | Utility Pickup               | 1.00     | 880.00     | HR   | 49.88     | 100.000  | 49.88     | 43,894.40    |
| LABORER  | Laborer                      | 1.00     | 880.00     | MH   | 65.00     | 100.000  | 87.35     | 76,871.08    |
| MILLWR   | Millwright                   | 2.00     | 1,760.00   | MH   | 80.22     | 100.000  | 107.81    | 189,741.47   |

**Biditem**

**(Non Additive) Hydrostation/PS Baseline**

**5020**

Takeoff Qty: 1.000 LS  
 Bid Qty: 1.000 LS

Client #: PS/Hydro Pricing

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub          | Total        |
|---------|------------|--------|-------------|-----------|------------|-------------|--------------|--------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 348,564.80  | 2,218,000.00 | 2,566,564.80 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 348,564.80  | 2,218,000.00 | 2,566,564.80 |

**Activity: 01000.01 (Non Additive) GA & Fee Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 348,564.80  | 0.00 | 348,564.80 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 348,564.80  | 0.00 | 348,564.80 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description  | Pcs/Wste | Quantity     | Unit | Unit Cost | Tax/OT % | Actual UC | Total      |
|----------|--------------|----------|--------------|------|-----------|----------|-----------|------------|
| 1SUBFEE  | Sub Fee      | 1.00     | 1,796,040.00 | LS   | 0.12      | 100.000  | 0.12      | 215,524.80 |
| 1SUBOH   | Sub Overhead | 1.00     | 1,663,000.00 | LS   | 0.08      | 100.000  | 0.08      | 133,040.00 |

**Activity: 02000.01 (Non Additive) 02000 - Abatement/Demo (Unreviewed) Quantity: 1.00 Unit: LS**

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource   | Description      | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|------------|------------------|----------|----------|------|------------|----------|------------|------------|
| 4ABATEDEMO | Abatement & Demo | 1.00     | 1.00     | LS   | 175,000.00 | 100.000  | 175,000.00 | 175,000.00 |

**Activity: 03-09.01 (Non Additive) 03000-09000 Building Shell (Unreviewed) Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 401,000.00 | 401,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 401,000.00 | 401,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource | Description       | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total     |
|----------|-------------------|----------|----------|------|-----------|----------|-----------|-----------|
| 4CONC    | Concrete - Sub    | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4DOORWIN | Door & Window Sub | 1.00     | 1.00     | LS   | 35,000.00 | 100.000  | 35,000.00 | 35,000.00 |
| 4DRYWALL | Drywall Sub       | 1.00     | 1.00     | LS   | 18,000.00 | 100.000  | 18,000.00 | 18,000.00 |
| 4FRAMING | Framing Sub       | 1.00     | 1.00     | LS   | 75,000.00 | 100.000  | 75,000.00 | 75,000.00 |
| 4INSUL   | Insulation Sub    | 1.00     | 1.00     | LS   | 15,000.00 | 100.000  | 15,000.00 | 15,000.00 |
| 4MASON   | Masonry Sub       | 1.00     | 1.00     | LS   | 80,000.00 | 100.000  | 80,000.00 | 80,000.00 |
| 4METAL   | Metals Sub        | 1.00     | 1.00     | LS   | 50,000.00 | 100.000  | 50,000.00 | 50,000.00 |
| 4PAINT   | Painting Sub      | 1.00     | 1.00     | LS   | 30,000.00 | 100.000  | 30,000.00 | 30,000.00 |
| 4ROOF    | Roofing Sub       | 1.00     | 1.00     | LS   | 68,000.00 | 100.000  | 68,000.00 | 68,000.00 |

**Activity: 22-26.01 (Non Additive) 22000-26000 - MEP Trades (Unreviewed) Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 377,000.00 | 377,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 377,000.00 | 377,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description          | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------|----------|----------|------|------------|----------|------------|------------|
| 4CONTROL  | Controls SCADA Sub   | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4ELEC     | Electric - Sub       | 1.00     | 1.00     | LS   | 200,000.00 | 100.000  | 200,000.00 | 200,000.00 |
| 4FIREPRO  | Fire Protection Subs | 1.00     | 1.00     | LS   | 22,000.00  | 100.000  | 22,000.00  | 22,000.00  |
| 4HVAC     | HVAC Sub             | 1.00     | 1.00     | LS   | 75,000.00  | 100.000  | 75,000.00  | 75,000.00  |
| 4PLUMB    | Plumbing Sub         | 1.00     | 1.00     | LS   | 20,000.00  | 100.000  | 20,000.00  | 20,000.00  |
| 4SECURITY | Security             | 1.00     | 1.00     | LS   | 10,000.00  | 100.000  | 10,000.00  | 10,000.00  |

**Activity: 31-33.01 (Non Additive) 31000-33000 Site Work (Unreviewed) Quantity: 1.00 Unit: LS**

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 295,000.00 | 295,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource     | Description    | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|--------------|----------------|----------|----------|------|------------|----------|------------|------------|
| 4EARTHWORK   | Site Earthwork | 1.00     | 1.00     | LS   | 50,000.00  | 100.000  | 50,000.00  | 50,000.00  |
| 4FENCE       | Fencing - Sub  | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4LANDSCAPING | Landscaping    | 1.00     | 1.00     | LS   | 40,000.00  | 100.000  | 40,000.00  | 40,000.00  |
| 4SITEWORK    | Sitework       | 1.00     | 1.00     | LS   | 65,000.00  | 100.000  | 65,000.00  | 65,000.00  |
| 4UTILITIES   | Utilities      | 1.00     | 1.00     | LS   | 100,000.00 | 100.000  | 100,000.00 | 100,000.00 |

Activity: 40-46.01 (Non Additive) 40000-46000 Mechanical Systems (Unreviewed) Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub        | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 970,000.00 | 970,000.00 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 0.00       | 0.00        | 970,000.00 | 970,000.00 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description             | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|-------------------------|----------|----------|------|------------|----------|------------|------------|
| 4MECHPIPE | Mechanical Pipe         | 1.00     | 1.00     | LS   | 110,000.00 | 100.000  | 110,000.00 | 110,000.00 |
| 4PUMP     | Pump - Supply & Install | 1.00     | 4.00     | EA   | 215,000.00 | 100.000  | 215,000.00 | 860,000.00 |

**Biditem**

**(Non Additive) Well Baseline**

**5030**

Takeoff Qty: 1.000 LS

Client #: Well Pricing

Bid Qty: 1.000 LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 865,287.50 | 0.00        | 0.00 | 865,287.50 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 865,287.50 | 0.00        | 0.00 | 865,287.50 |

Activity: 710 (Non Additive) New Well Construction Quantity: 1.00 Unit: LS

|         | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub  | Total      |
|---------|------------|--------|-------------|-----------|------------|-------------|------|------------|
| U. Cost | 0.00       | 0.00   | 0.00        | 0.00      | 865,287.50 | 0.00        | 0.00 | 865,287.50 |
| Total   | 0.00       | 0.00   | 0.00        | 0.00      | 865,287.50 | 0.00        | 0.00 | 865,287.50 |

Calendar: STD Standard Hrs/Shift: 8 WC: 5221 Concrete Construction

| Resource  | Description                | Pcs/Wste | Quantity | Unit | Unit Cost  | Tax/OT % | Actual UC  | Total      |
|-----------|----------------------------|----------|----------|------|------------|----------|------------|------------|
| 2WELLDIS  | Well Disinfection          | 1.00     | 1.00     | LS   | 10,000.00  | 108.500  | 10,850.00  | 10,850.00  |
| 2WELLDRI  | Well Drilling              | 1.00     | 450.00   | VF   | 1,100.00   | 108.500  | 1,193.50   | 537,075.00 |
| 2WELLMOB  | Well Driller Mob           | 1.00     | 1.00     | EA   | 25,000.00  | 108.500  | 27,125.00  | 27,125.00  |
| 2WELLPUM  | Supply & Install Well Pump | 1.00     | 1.00     | LS   | 250,000.00 | 108.500  | 271,250.00 | 271,250.00 |
| 2WELLTEST | Test Well w Temp Pump      | 1.00     | 1.00     | LS   | 17,500.00  | 108.500  | 18,987.50  | 18,987.50  |