

**AMENDMENT NO. 2 TO THE
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES**

THIS AMENDMENT NO. 2 TO THE ORIGINAL AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES between Washoe County, a political subdivision of the State of Nevada ("County") and MWH Constructors, Inc. PO65x3114 revises this Agreement as follows:

The purpose of amendment # 2 is to increase fee amount by \$681,077.26 to cover anticipated cost for CMAR to provide pre-construction services as required in said agreement. Additional details are provided in attached.

ALL OTHER TERMS AND CONDITIONS OF THE ORIGINAL AGREEMENT TO REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereto or a representative of either have set their hands and subscribed their signatures as of the date and year indicated.

By: _____
Bob Lucey
Chair, Washoe County Commission

Date:

Consultant: _____

Date:



STMWRF 2020 Expansion Preconstruction Change Order #2

3A 90% / 100% Review (perform this work in June / July) & Procurement

- 3.02 – Development of RFQ for Earthwork bid package including bid solicitation, quote comparison.
- 3.13 – Develop alternate for earthwork spoils disposal site at Daybreak property.

3B 90% Review (perform this work in July / August) & Procurement

- 2.20 NEW – Thorough review of engineering drawings and specifications. Provide written comments (in Bluebeam) regarding constructability issues, unclear or ambiguous items in both the drawings and the specifications.
 - Send out specifications for screw press, polymer blending unit/mixing pump equipment for comment by vendors
 - Incorporate “or equal” in bid package and pre-qualify potential proposers
 - Verification of AIS availability / compliance for pipe, valves, etc.
- 2.21 NEW – Attend/actively participate in review workshops to discuss review comments, issues/concerns, Value Engineering ideas, etc. (Assume 2 full days onsite for these workshops).
 - 2.21 NEW – Evaluate and present possible VE ideas with team; provide ROM on selected VE ideas
 - 2.21 NEW – Review alternates to FE Meter Vault
 - Consider an insertion type meter
 - Assure viability of current design.
 - Need to evaluate access & installation for new equipment at Biosolids facility
- 4.20 NEW – Provide Cost Estimate
 - Estimate Comparison – CMAR to ICE
- 3.20 NEW – Material and Subcontract Solicitations including RFQ development, advertisements, bid solicitation, quote comparisons and bid clarifications. Review lead times with vendors for key equipment / material:
 - Structural Steel and Metals (Catwalks for BNR3&4), ladders, hatch doors, stairs & handrail
 - Pipe Sleeves
 - Formwork for BNR3&4 Walls, Formwork for FE Meter Vault
 - Plug Valves, DIP Pipe & Fittings, Pipe Supports for RAS/WAS PS
 - Flowmeters and FIT's for RAS/WAS PS
 - Electrical / I&C Subcontractor



- Shoring for FE Meter Vault
- Demo Subcontractor for RCP demo of Filter Effluent Pipe
- Flowmeter for FE Meter Vault
- Steel Pipe and Romac (?) Fittings for FE Meter Vault
- DIP(?) and fittings for CW Pipe being replaced inside COF facility
- Butterfly Valve for COF facility CW Pipe replacement
- Huffaker Return Flow Valve Instruments / I&C
- Structural Steel for BIO Screw Press #2 Support Platform
- Polymer Blending Unit and Mixing Pump #4 for BIO
- Screw Press #2 and Exhaust Air Piping for BIO. Verify if needed to be taken apart/reassembled to get into building. Verify with Vendor if this creates any issues/problems, i.e., warranty
- DIP Pipe and Fittings for DS Piping to Screw Press #2 at BIO
- 4.01 – Provide Construction Schedule
 - 4.21 NEW – Scheduling strategy meeting
- 3.21 NEW – Provide Commissioning & Startup Plan

GMP 3B 100% September

- 3.20 NEW – Finalize Bid subcontract / supplier packages
- 4.20 NEW – Perform side by side cost comparison with ICE
- 4.22 NEW – Negotiate GMP and General Conditions

GMP 4 60% Review (July / August)

- 2.30 NEW – Thorough review of engineering drawings and specifications. Provide written comments (in Bluebeam) regarding constructability issues, unclear or ambiguous items in both the drawings and the specifications. Collecting comments 7/6 - 7/20.
- 2.30 NEW – Review of potholing results and updates for 90% design
- 2.31 NEW – Attend/actively participate in review workshops to discuss review comments, issues/concerns, Value Engineering ideas, benefits/concerns regarding elimination of grit/3rd digester/filters, etc. (Assume 2 full days onsite for these workshops). Target workshop dates July 28 and Aug 10/11 (partial days each time)
 - One day for each workshop. There will inevitably be more work to do following the one day of review together.
 - 2.32 NEW – Evaluate and present possible VE ideas with team during VE workshop
 - 2.32 NEW – VE ROM Pricing for ideas identified during workshops
 - 2.32 NEW – Required workarounds for deletion of certain facilities
 - 2.32 NEW – Follow up on VE alternatives for rehab of Control Building



- 2.33 NEW – Perform "digital overlay" to identify significant changes from the 30%. Develop high level costs of these items. Based on level of detail for 30% do not perform a typical 60% costs review.
 - Drawing overlays will be provided from 3rd party. Additional MWH design validation effort to understand and explain scope changes.
 - Perform updated take-offs for any new scope or significant changes to scope found through drawing overlays.
- 4.30 NEW – Cost model update based on changed scope from 30%
 - Adjust estimate with new quantities from **overlay** - no new estimate to be developed. Just validation and adjustments to quantities and pricing of significant changes
- 4.31 NEW – Provide Construction Schedule
 - Schedule Strategy Meeting – After County makes decisions on full scope of work regarding addition/deletion of structures and scope e.g., grit, digester, and filters
 - Reach out to vendors for equipment lead times to understand lead times and provide a higher quality / more accurate schedule.
 - Update preliminary schedule to reflect County decisions regarding scope
- 3.30 NEW – Meeting with blower equipment manufacturer(s) to negotiate terms and conditions.
- 3.31 NEW – Bid Packaging Plan and Meeting

GMP 4 90% Review (Nov - Feb)

- 2.40 NEW – Thorough review of engineering drawings and specifications, especially technical specifications. Provide written comments (in Bluebeam) regarding constructability issues, unclear or ambiguous items in both the drawings and the specifications.
- 2.40 NEW – SJE and Tesco review and comment of EI&C specs
- 2.40 NEW – Verify potholing results are captured in design
- 2.41 NEW – Attend/actively participate in review workshops to discuss review comments, issues/concerns, Value Engineering ideas, etc. (Assume 4 full days onsite for these workshops).
 - 2.42 NEW – ROM Estimates for VE alternatives
 - 4 workshop sessions. Design model review session
- 4.40 NEW – Provide Cost Estimate updating quantities, unit process, address assumptions from 30%, update vendor quotes, etc.
 - Update 30% cost estimate and update take-offs based on 90% docs
 - Send out request for budgetary quotes on subcontract, material/equipment supply scopes
 - Estimate comparison back to 30% cost model and/or updated 60% cost model
- 4.41 NEW – Provide Construction Schedule



- 3.40 NEW – Start creating bid packages based on 90% drawings with intent to bid immediately after receiving the 100%
- 4.42 NEW – Develop General Conditions estimate in advance of GMP04
- 4.40 NEW – Cost Estimate for targeted self-performance scopes in advance of GMP04
 - ICE estimate comparison
- 3.42 NEW – Dewatering Plan Development

Early Equipment Procurement Package (based on 90% drawings - target Dec for BCC award)

- 2.50 NEW – Coordinate with Owner, Engineer, and Owner's Representatives to identify if there's a need for early equipment procurement package to expedite the overall work of the Project.
- 2.50 NEW – Assist in development of complete equipment list (for major equipment) for balance of the expansion project.
- 4.50 NEW – Critical path workshop to review equipment list. Discuss design needs, equipment needs, lead times, schedule, durations, sequencing, suppliers, vendors, subcontractors, environmental concerns, risks, warranty, onsite storage, etc. Target mid-October
- 4.51 NEW – Develop a cost estimate for these early work packages shall be developed by the Contractor prior to bidding any of the packages.
 - 3.50 NEW – RFQ Development and Bid Solicitation / Comparison for Equipment Supply
 - 3.50 NEW – Negotiation of contract terms and conditions
- 4.52 NEW – GMP Development and Negotiations

GMP 4 100% (Mar - May) – Submit May

- 3.60 NEW – Updates to RFQ's needed based on review and comparison of 100% set to 90% set
- 3.60 NEW – Bid advertisement, solicitation, quote review, comparison and selection
- 4.60 NEW – Development of GMP Proposal based on bids obtained from all necessary subcontractors after reviewing and coordinating the bid results with the Owner.
- 3.61 NEW – Permitting
- 4.60 NEW – Finalize GMP-4

Collaboration Meetings (July – June) – Bi-weekly

- 2.01 – Attend/actively participate collaboration meetings (max 3 CMAR in attendance, more if discussed with Owner in advance)



Miscellaneous (July – May / June)

- 2.34 NEW – SRF / AIS meetings
- 1.01 – Resource management
- 1.03 – Invoicing and Reporting
- 3.41 NEW – DBE / Small Business Outreach and Good Faith Effort??
- 1.04 NEW – Partnering Meetings with JV and County Executive Management
- 5.01 – Risk Register Update Meetings
- 4.40 NEW – Prevailing Wage Rate Updates and Reviews
- 4.40 NEW, 4.60 NEW – EquipmentWatch Rate Updates



PRECONSTRUCTION CONTRACT CHANGE ORDER PROPOSAL #002, rev01 August 03, 2021

(See ATTACHMENT A.1 for detailed break down per task)

| Description | Project Director | | Project Manager | | Lead Estimator | | Commissioning & Start-Up Manager | | Scheduler | | Estimator | | Electrical Design Assist | | I&C Design Assist | | Clerical | | TOTAL HOURS & FEES | |
|---|------------------|-----------|-----------------|------------|----------------|------------|----------------------------------|----------|--------------|----------|--------------|------------|--------------------------|-----------|-------------------|-----------|--------------|-----------|--------------------|---------------|
| | \$165.00 | | \$165.00 | | \$140.00 | | \$105.00 | | \$85.00 | | \$128.00 | | \$125.00 | | \$125.00 | | \$40.00 | | | |
| | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | <i>Hours</i> | | | |
| 1.0 STAFF AND ADMINISTRATIVE MANAGEMENT | 79 | \$ 13,035 | 116 | \$ 19,140 | 44 | \$ 6,160 | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0 | \$ - | 272 | \$ 10,880 | 511 | \$ 943.00 |
| 2.0 DESIGN COORDINATION | 110 | \$ 18,150 | 172 | \$ 28,380 | 172 | \$ 24,080 | 40 | \$ 4,200 | 0 | \$ - | 368 | \$ 47,104 | 20 | \$ 2,500 | 20 | \$ 2,500 | 0 | \$ - | 902 | \$ 1,694.00 |
| 3.0 CONSTRUCTION MANAGEMENT COORDINATION | 82 | \$ 13,530 | 249 | \$ 41,085 | 168 | \$ 23,520 | 40 | \$ 4,200 | 0 | \$ - | 280 | \$ 35,840 | 0 | \$ - | 0 | \$ - | 44 | \$ 1,760 | 863 | \$ 1,644.00 |
| 4.0 COST AND SCHEDULE | 84 | \$ 13,860 | 367 | \$ 60,555 | 510 | \$ 71,400 | 0 | \$ - | 110 | \$ 9,350 | 1392 | \$ 178,176 | 60 | \$ 7,500 | 60 | \$ 7,500 | 24 | \$ 960 | 2,607 | \$ 5,130.00 |
| 5.0 RISK MANAGEMENT | 12 | \$ 1,980 | 20 | \$ 3,300 | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0 | \$ - | 32 | \$ 52.00 |
| TOTAL HOURS: | 367 | \$ 60,555 | 924 | \$ 152,460 | 894 | \$ 125,160 | 80 | \$ 8,400 | 110 | \$ 9,350 | 2,040 | \$ 261,120 | 80 | \$ 10,000 | 80 | \$ 10,000 | 340 | \$ 13,600 | 4,915 | \$ 650,645.00 |
| ALLOWANCES (INDIRECT COSTS) | | | | | | | | | | | | | | | | | | | | |
| Travel and Per Diem - Preconstruction (50% of Housing Allowance (tax grossed up), Vehicle, Computer and Cell Phone for 12 months) | | | | | | | | | | | | | | | | | | | | \$ 36,570.00 |
| Reimbursable Expenses - Project Manager (50% of bi-weekly Project Manager home leave travel - 24 PM Trips @ \$800/trip) | | | | | | | | | | | | | | | | | | | | \$ 9,600.00 |
| Reimbursable Expenses (3 trips @ \$1000/trip + \$10k misc. expenses) | | | | | | | | | | | | | | | | | | | | \$ 13,000.00 |
| Additional Services | | | | | | | | | | | | | | | | | | | | \$ - |
| SUBTOTAL: | | | | | | | | | | | | | | | | | | | | \$ 59,170.00 |
| PROJECTED COST TO COMPLETION TOTAL AMOUNT: | | | | | | | | | | | | | | | | | | | | \$ 709,815.00 |

| | |
|--|-----------------|
| ORIGINAL CONTRACT AMOUNT: | \$ 631,280.00 |
| CHANGE ORDER #001 AMOUNT: | \$ 60,040.00 |
| PREVIOUS CONTRACT AMOUNT: | \$ 691,320.00 |
| CONTRACT COMPLETED THROUGH JUNE 2021: | \$ 662,582.26 |
| REMAINING CONTRACT BALANCE AS OF JULY 2021: | \$ 28,737.74 |
| PROJECTED COST TO COMPLETION LESS REMAINING AS OF JULY 2021 CONTRACT AMOUNT: | \$ 681,077.26 |
| PROPOSED CHANGE ORDER #002 AMOUNT: | \$ 681,077.26 |
| PROPOSED CONTRACT AT COMPLETION AMOUNT: | \$ 1,372,397.26 |

ATTACHMENT A.1.1

| Description | Task Number | Project Director | | Project Manager | | Lead Estimator | | C&SU Manager | | Scheduler | | Estimator(s) | | Estimator(s) | | Electrical Assist | | I&C Assist | | Clerical | | Total | |
|--|-------------|------------------|--------|-----------------|--------|-----------------|--------|--------------|--------|--------------|--------|--------------|--------|------------------|--------|-------------------|--------|----------------|--------|-------------|--------|-----------|--------|
| | | Dave Backman | | Corey Maxfield | | Brett Henderson | | Kiersten Lee | | Mike Gaskamp | | Brad Sanders | | (TBD Estimators) | | S/E | | Tesco Controls | | (TBD Clerk) | | | |
| | | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual |
| 1.0 STAFF AND ADMINISTRATIVE MANAGEMENT | | | | | | | | | | | | | | | | | | | | | | | |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; 30% through GMP04 Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 - Coordinate and schedule staff and resources | 1.01 | 71.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 71.0 | 0.0 |
| 1.2 -Track progress of scheduled work and prepare monthly reports | 1.02 | 0.0 | | 84.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 96.0 | | 180.0 | 0.0 |
| 1.3 - Prepare detailed monthly invoicing to the Owner | 1.03 | 0.0 | | 24.0 | | 44.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 176.0 | | 244.0 | 0.0 |
| 1.4 - Partnering Meetings with JV and County Executive Management | 1.04 | 8.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 16.0 | 0.0 |
| Subtotal (Hours): | | 79.0 | 0.0 | 116.0 | 0.0 | 44.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 272.0 | 0.0 | 511.0 | 0.0 |
| Subtotal (Cost): | | \$13,035 | \$0 | \$19,140 | \$0 | \$6,160 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$10,880 | \$0 | \$49,215 | \$0 |
| 2.0 DESIGN COORDINATION | | | | | | | | | | | | | | | | | | | | | | | |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; 30% through GMP03A Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 - Attend Project Collaboration meeting (1-each) | 2.01 | 48.0 | | 46.0 | | 46.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 140.0 | 0.0 |
| 2.1.1 - Attend Risk Register meeting (1-each) | 2.01.1 | 10.0 | | 10.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 20.0 | 0.0 |
| 2.2 - Review existing as-built drawings and existing site conditions | 2.02 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.3 - Participate in project coordination meetings on a monthly basis (12-each) | 2.03 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.4 - Provide constructability/value engineering at 30 percent design level (INCLUDED IN TASK 4.3) | 2.04 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.5 - Review 60 and 90 percent drawings and provide written comments regarding constructability issues (INCLUDED IN TASK 4.3) | 2.05 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.6 - Attend Value Engineering and Constructability Review workshop (1-each) | 2.06 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.7 - Attended Design Workshops (2-each) | 2.07 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.8 - Issue written constructability at the completion of the 90 percent reviews (INCLUDED IN TASK 4.3) | 2.08 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.9 - Answer questions and coordinate ideas for betterment of the project | 2.09 | 0.0 | | 0.0 | | 0.0 | | 40.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 40.0 | 0.0 |
| 2.10 - Coordinate early packages including cost estimate (for each package) | 2.10 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 2.11 - Develop RFI's at each of the stipulated phases of design (INCLUDED IN TASK 4.3) | 2.11 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP03B 90% to 100% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 2.20 - Review GMP03B 90% & 100% drawings and specs; provide written comments in Bluebeam | 2.20 | 0.0 | | 4.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 12.0 | 0.0 |
| 2.21 - Participate in GMP03B design review workshops and present & evaluate VE alternatives | 2.21 | 4.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 12.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 32.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP04 60% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 2.30 - Review GMP04 60% drawings and specs; provide written comments in Bluebeam | 2.30 | 16.0 | | 15.0 | | 12.0 | | 0.0 | | 0.0 | | 4.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 55.0 | 0.0 |
| 2.31 - Participate in GMP04 60% design review workshops | 2.31 | 12.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 28.0 | 0.0 |
| 2.32 - Present & evaluate VE alternatives for GMP04 60% design | 2.32 | 0.0 | | 15.0 | | 20.0 | | 0.0 | | 0.0 | | 28.0 | | 40.0 | | 0.0 | | 0.0 | | 0.0 | | 103.0 | 0.0 |
| 2.33 - Perform overlay comparison of GMP04 60% design to previous design and evaluate magnitude of scope changes | 2.33 | 0.0 | | 0.0 | | 26.0 | | 0.0 | | 0.0 | | 88.0 | | 72.0 | | 0.0 | | 0.0 | | 0.0 | | 186.0 | 0.0 |
| 2.34 - Participate in SRF and AIS meetings and assess impacts to project | 2.34 | 8.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 16.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP04 90% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 2.40 - Review GMP04 90% drawings and specs; provide written comments in Bluebeam | 2.40 | 8.0 | | 18.0 | | 24.0 | | 0.0 | | 0.0 | | 8.0 | | 24.0 | | 20.0 | | 20.0 | | 0.0 | | 122.0 | 0.0 |
| 2.41 - Participate in GMP04 90% design review workshops | 2.41 | 4.0 | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 12.0 | 0.0 |
| 2.42 - Present & evaluate VE alternatives for GMP04 90% design | 2.42 | 0.0 | | 31.0 | | 24.0 | | 0.0 | | 0.0 | | 24.0 | | 40.0 | | 0.0 | | 0.0 | | 0.0 | | 119.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; Early Equipment Package 90% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 2.50 - Develop Early Equipment Procurement Package(s) | 2.50 | 0.0 | | 5.0 | | 12.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 17.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP04 100% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 2.60 - XXXX | 2.60 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| Subtotal (Hours): | | 110.0 | 0.0 | 172.0 | 0.0 | 172.0 | 0.0 | 40.0 | 0.0 | 0.0 | 0.0 | 176.0 | 0.0 | 192.0 | 0.0 | 20.0 | 0.0 | 20.0 | 0.0 | 0.0 | 0.0 | 902.0 | 0.0 |
| Subtotal (Cost): | | \$18,150 | \$0 | \$28,380 | \$0 | \$24,080 | \$0 | \$4,200 | \$0 | \$0 | \$0 | \$22,528 | \$0 | \$24,576 | \$0 | \$2,500 | \$0 | \$2,500 | \$0 | \$0 | \$0 | \$126,914 | \$0 |
| 3.0 CONSTRUCTION MANAGEMENT COORDINATION | | | | | | | | | | | | | | | | | | | | | | | |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; 30% through GMP03A Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1 - Identify and coordinate temporary site utilities, access, office facilities, storage, and laydown areas | 3.01 | 0.0 | | 34.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 34.0 | 0.0 |
| 3.2 - Prepare and develop the required construction work packages, procurement process, sub plan, procurement and execution procedures | 3.02 | 0.0 | | 0.0 | | 24.0 | | 0.0 | | 0.0 | | 0.0 | | 48.0 | | 0.0 | | 0.0 | | 0.0 | | 72.0 | 0.0 |
| 3.3 - Conduct advertisements, pre-qualification procedures, and contracts with all subcontractors | 3.03 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.4 - Develop potential bidder lists for all trades | 3.04 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.5 - Distribution of documents to potential bidders, pre-bid conferences and bid openings | 3.05 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.6 - Coordinate the date and time of the bid opening | 3.06 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.7 - Coordination of input and questions from subcontractors | 3.07 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 8.0 | 0.0 |
| 3.8 - Review all subcontractor proposals / make recommendations to Owner | 3.08 | 4.0 | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 8.0 | 0.0 |
| 3.9 - Coordinate proposed schedule of values | 3.09 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.10 - Coordinate the level of detail for the schedule (INCLUDED IN TASK 4.1) | 3.10 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.11 - Participate in delivery coordination and construction details related to supply of major equipment | 3.11 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.12 - Assessment and advisement regarding schedule impacts related to long lead equipment procurement (INCLUDED IN TASK 4.1) | 3.12 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.13 - Assistance with developing bid alternates | 3.13 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.14 - Support the owner with construction details that may be needed (in support of permitting) | 3.14 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| 3.15 - Coordinate with Owner to develop list of construction-specific permits | 3.15 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP03B 90% to 100% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 3.20 - Prepare and develop GMP03B construction work packages, procurement process, sub plan, procurement and execution procedures | 3.20 | 4.0 | | 16.0 | | 16.0 | | 0.0 | | 0.0 | | 32.0 | | 32.0 | | 0.0 | | 0.0 | | 4.0 | | 104.0 | 0.0 |
| 3.21 - Prepare and develop GMP03B Startup & Commissioning Plan | 3.21 | 4.0 | | 10.0 | | 0.0 | | 40.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 54.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP04 60% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 3.30 - Vendor meetings to negotiate terms and conditions for GMP03B / Early Equipment Packages | 3.30 | 18.0 | | 23.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 41.0 | 0.0 |
| 3.31 - Develop GMP04 Bid Packaging Plan including meetings with Washoe County executive management | 3.31 | 12.0 | | 28.0 | | 16.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 56.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; GMP04 90% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 3.40 - Prepare and develop GMP04 construction work packages, procurement process, sub plan, procurement and execution procedures | 3.40 | 12.0 | | 57.0 | | 64.0 | | 0.0 | | 0.0 | | 0.0 | | 80.0 | | 0.0 | | 0.0 | | 12.0 | | 225.0 | 0.0 |
| 3.41 - Outreach and Good Faith Effort to garner interest for DBE/WBE/MBE and Small Businesses | 3.41 | 0.0 | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | | 12.0 | 0.0 |
| <i>(Phase 1 - STMWRF 2020 Plant Expansion; Early Equipment Package 90% Deliverables)</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 3.50 - Prepare and develop GMP04 Early Procurement Equipment packages, procurement process, sub plan, procurement and execution procedures | 3.50 | 4.0 | | 6.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 20.0 | | 0.0 | | 0.0 | | 4.0 | | 42.0 | 0.0</ |

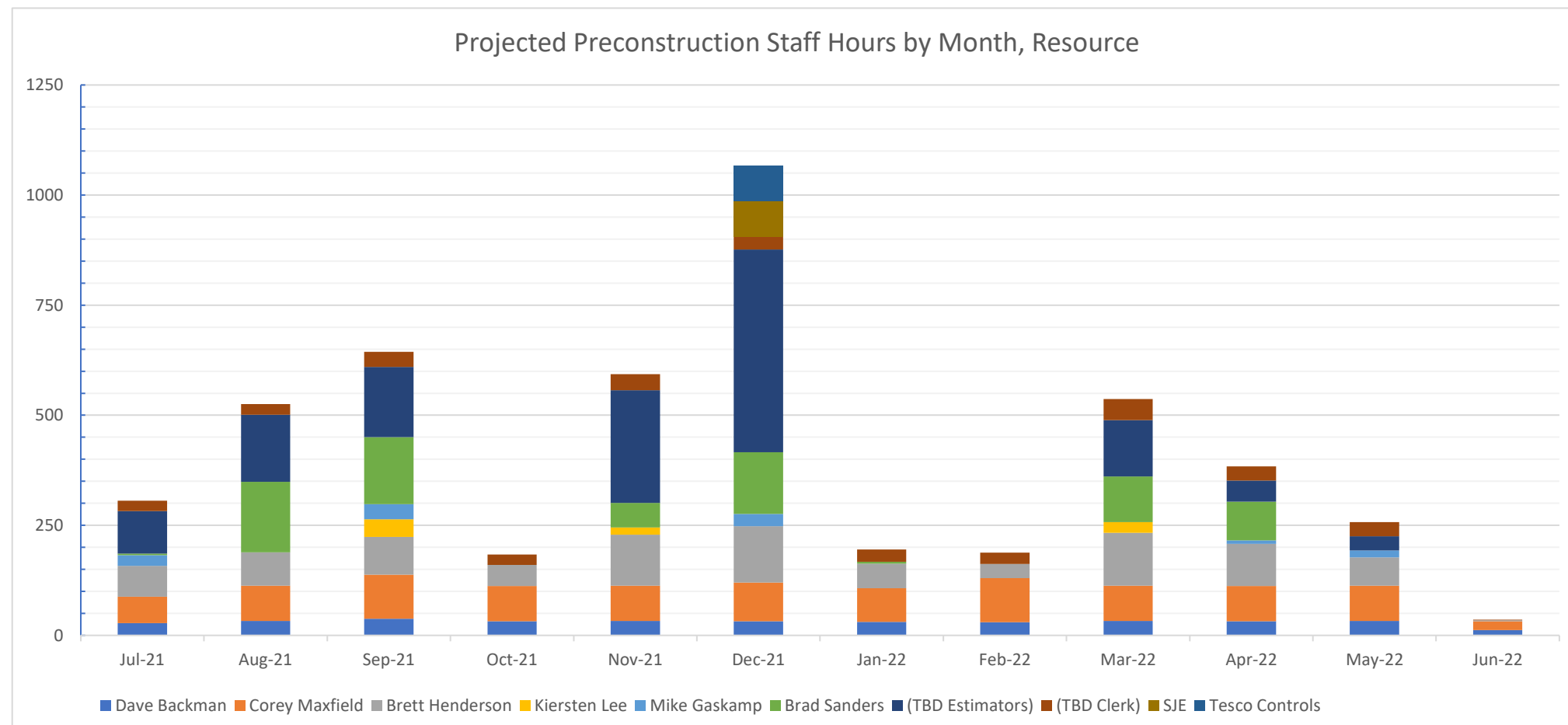


ATTACHMENT A.1.1

| Description | Task Number | Project Director | | Project Manager | | Lead Estimator | | C&SU Manager | | Scheduler | | Estimator(s) | | Estimator(s) | | Electrical Assist | | I&C Assist | | Clerical | | Total | | | |
|---|-------------|------------------|--------|-----------------|--------|-----------------|--------|--------------|--------|--------------|--------|--------------|--------|------------------|--------|-------------------|--------|----------------|--------|-------------|--------|-------------|--------|-----------|-----|
| | | Dave Backman | | Corey Maxfield | | Brett Henderson | | Kiersten Lee | | Mike Gaskamp | | Brad Sanders | | (TBD Estimators) | | SJE | | Tesco Controls | | (TBD Clerk) | | | | | |
| | | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | Budget | Actual | | |
| 4.0 COST AND SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; 30% through GMP03A Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1 - Develop a master critical path construction schedule, incorporate Owner comments, update periodically | 4.01 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 24.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 24.0 | 0.0 | | |
| 4.2 - Attend an initial cost estimating workshop (1-each) (NCLUDED ABOVE) | 4.02 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | |
| 4.3 - Develop construction cost estimates (30% Cost Model) | 4.03 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | |
| 4.4 - Provide assistance with developing bid alternates | 4.04 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | |
| 4.5 - Attend a cost evaluation workshop at 60% and 90% (2-each) | 4.05 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | |
| 4.6 - Develop cost estimates for any value engineering proposals | 4.06 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | |
| 4.7 - Development of GMP Proposal(s) | 4.07 | 4.0 | | 12.0 | | 26.0 | | 0.0 | | 0.0 | | 0.0 | | 32.0 | | 0.0 | | 0.0 | | 0.0 | | 74.0 | 0.0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP03B 90% to 100% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.20 - Develop cost estimate and participate in estimate comparison reviews with Independent Cost Estimator (ICE) for GMP03B | 4.20 | 4.0 | | 8.0 | | 16.0 | | 0.0 | | 0.0 | | 108.0 | | 96.0 | | 0.0 | | 0.0 | | 0.0 | | 232.0 | 0.0 | | |
| 4.21 - Develop GMP03B critical path construction schedule, and participate in schedule strategy meeting with Owner / Owner's Representative | 4.21 | 2.0 | | 4.0 | | 4.0 | | 0.0 | | 16.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 26.0 | 0.0 | | |
| 4.22 - Develop and Negotiate GMP03B including General Conditions and Direct Cost of Work | 4.22 | 4.0 | | 12.0 | | 12.0 | | 0.0 | | 0.0 | | 0.0 | | 16.0 | | 0.0 | | 0.0 | | 0.0 | | 44.0 | 0.0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP04 60% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.30 - Update construction cost estimate (30% Cost Model) based on scope and quantity changes noted by 60% drawing overlay comparison | 4.30 | 0.0 | | 18.0 | | 20.0 | | 0.0 | | 0.0 | | 36.0 | | 48.0 | | 0.0 | | 0.0 | | 0.0 | | 122.0 | 0.0 | | |
| 4.31 - Develop GMP04 60% critical path construction schedule, and participate in schedule strategy meeting with Owner / Owner's Representative | 4.31 | 2.0 | | 6.0 | | 10.0 | | 0.0 | | 18.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 36.0 | 0.0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP04 90% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.40 - Develop construction cost estimates (90% Cost Model) including take-off of 90% design documents, budgetary vendor pricing, and estimate comparison to previous cost model(s) | 4.40 | 6.0 | | 18.0 | | 90.0 | | 0.0 | | 0.0 | | 144.0 | | 520.0 | | 60.0 | | 60.0 | | 0.0 | | 898.0 | 0.0 | | |
| 4.41 - Develop GMP04 90% critical path construction schedule, and participate in schedule strategy meeting with Owner / Owner's Representative | 4.41 | 2.0 | | 6.0 | | 24.0 | | 0.0 | | 20.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 52.0 | 0.0 | | |
| 4.42 - Develop and Negotiate GMP04 General Conditions | 4.42 | 20.0 | | 74.0 | | 48.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 142.0 | 0.0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; Early Equipment Package 90% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.50 - Participate in critical path construction schedule workshop for Early Equipment Procurement Package(s) determination | 4.50 | 2.0 | | 4.0 | | 4.0 | | 0.0 | | 8.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 18.0 | 0.0 | | |
| 4.51 - Develop cost estimate and participate in estimate comparison reviews with Independent Cost Estimator (ICE) for Early Equipment Package(s) | 4.51 | 6.0 | | 10.0 | | 16.0 | | 0.0 | | 0.0 | | 16.0 | | 32.0 | | 0.0 | | 0.0 | | 0.0 | | 80.0 | 0.0 | | |
| 4.52 - Develop and Negotiate Early Equipment Package GMP(s) including General Conditions and Direct Cost of Work | 4.52 | 0.0 | | 24.0 | | 24.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 48.0 | 0.0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP04 100% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.60 - Develop and Negotiate GMP04 including updated General Conditions and Direct Cost of Work based on 100% design documents | 4.60 | 32.0 | | 171.0 | | 216.0 | | 0.0 | | 24.0 | | 192.0 | | 152.0 | | 0.0 | | 0.0 | | 24.0 | | 811.0 | 0.0 | | |
| Subtotal (Hours): | | 84.0 | 0.0 | 367.0 | 0.0 | 510.0 | 0.0 | 0.0 | 0.0 | 110.0 | 0.0 | 496.0 | 0.0 | 896.0 | 0.0 | 60.0 | 0.0 | 60.0 | 0.0 | 24.0 | 0.0 | 2,607.0 | 0.0 | | |
| Subtotal (Cost): | | \$13,860 | \$0 | \$60,555 | \$0 | \$71,400 | \$0 | \$0 | \$0 | \$9,350 | \$0 | \$63,488 | \$0 | \$114,688 | \$0 | \$7,500 | \$0 | \$7,500 | \$0 | \$960 | \$0 | \$349,301 | \$0 | | |
| 5.0 RISK MANAGEMENT | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; 30% through GMP04 Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1 Develop and periodically update a risk management plan | 5.01 | 12.0 | | 20.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 32.0 | 0.0 | | |
| Subtotal (Hours): | | 12.0 | 0.0 | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.0 | 0.0 | | |
| Subtotal (Cost): | | \$1,980 | \$0 | \$3,300 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,280 | \$0 | | |
| Totals (Hours): | | 367.0 | 0.0 | 924.0 | 0.0 | 894.0 | 0.0 | 80.0 | 0.0 | 110.0 | 0.0 | 708.0 | 0.0 | 1,332.0 | 0.0 | 80.0 | 0.0 | 80.0 | 0.0 | 340.0 | 0.0 | 4,915.0 | 0.0 | | |
| Total Hourly Rate: | | \$165.00 | | \$165.00 | | \$140.00 | | \$105.00 | | \$85.00 | | \$128.00 | | \$128.00 | | \$125.00 | | \$125.00 | | \$40.00 | | | | | |
| Total Design Phase Staff Costs: | | \$60,555 | \$0 | \$152,460 | \$0 | \$125,160 | \$0 | \$8,400 | \$0 | \$9,350 | \$0 | \$90,624 | \$0 | \$170,496 | \$0 | \$10,000 | \$0 | \$10,000 | \$0 | \$13,600 | \$0 | \$650,645 | \$0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | Total Cost: | | \$650,645 | \$0 |



| Resource | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Total |
|------------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|-----------|-------------|
| Dave Backman | 28 | 33 | 38 | 32 | 33 | 32 | 31 | 30 | 33 | 32 | 33 | 12 | 367 |
| Corey Maxfield | 60 | 80 | 100 | 80 | 80 | 88 | 76 | 100 | 80 | 80 | 80 | 20 | 924 |
| Brett Henderson | 70 | 76 | 86 | 48 | 116 | 128 | 56 | 32 | 120 | 96 | 64 | 2 | 894 |
| Kiersten Lee | 0 | 0 | 40 | 0 | 16 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 80 |
| Mike Gaskamp | 24 | 0 | 34 | 0 | 0 | 28 | 0 | 0 | 0 | 8 | 16 | 0 | 110 |
| Brad Sanders | 4 | 160 | 152 | 0 | 56 | 140 | 4 | 0 | 104 | 88 | 0 | 0 | 708 |
| (TBD Estimators) | 96 | 152 | 160 | 0 | 256 | 460 | 0 | 0 | 128 | 48 | 32 | 0 | 1332 |
| (TBD Clerk) | 24 | 24 | 34 | 24 | 36 | 30 | 28 | 26 | 48 | 32 | 32 | 2 | 340 |
| SJE | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 |
| Tesco Controls | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 |
| Total | 306 | 525 | 644 | 184 | 593 | 1066 | 195 | 188 | 537 | 384 | 257 | 36 | 4915 |



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Week Ending:

| Description | Resource | Task Number | Total Scheduled Hours | 09-Jul-21 | 16-Jul-21 | 23-Jul-21 | 30-Jul-21 | 06-Aug-21 | 13-Aug-21 | 20-Aug-21 | 27-Aug-21 | 03-Sep-21 | 10-Sep-21 | 17-Sep-21 | 24-Sep-21 | 01-Oct-21 | 08-Oct-21 | 15-Oct-21 | 22-Oct-21 | 29-Oct-21 | 05-Nov-21 | 12-Nov-21 | 19-Nov-21 | 26-Nov-21 | 03-Dec-21 | 10-Dec-21 | 17-Dec-21 | 24-Dec-21 | 31-Dec-21 | 07-Jan-22 | 14-Jan-22 | 21-Jan-22 | 28-Jan-22 | 04-Feb-22 | 11-Feb-22 | 18-Feb-22 | 25-Feb-22 | 04-Mar-22 | 11-Mar-22 | 18-Mar-22 | 25-Mar-22 | 01-Apr-22 | 08-Apr-22 | 15-Apr-22 | 22-Apr-22 | 29-Apr-22 | 06-May-22 | 13-May-22 | 20-May-22 | 27-May-22 | 03-Jun-22 | | | | |
|---|-----------------|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|---|---|--|
| 3.14 - Support the owner with construction details that may be needed (in support of permitting) | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 3.15 - Coordinate with Owner to develop list of construction-specific permits | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP03B 90% to 100% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.20 - Prepare and develop GMP03B construction work packages, procurement process, sub plan, procurement and execution procedures | Dave Backman | 3.20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Corey Maxfield | 3.20 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Brett Henderson | 3.20 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Brad Sanders | 3.20 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | (TBD Clerk) | 3.20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| (TBD Estimators) | 3.20 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 3.21 - Prepare and develop GMP03B Startup & Commissioning Plan | Kiersten Lee | 3.21 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Dave Backman | 3.21 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Corey Maxfield | 3.21 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP04 60% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.30 - Vendor meetings to negotiate terms and conditions for GMP03B / Early Equipment Packages | Dave Backman | 3.30 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 6 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Corey Maxfield | 3.30 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 8 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 3.31 - Develop GMP04 Bid Packaging Plan including meetings with Washoe County executive management | Dave Backman | 3.31 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Corey Maxfield | 3.31 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Brett Henderson | 3.31 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| (Phase 1 - STMWRF 2020 Plant Expansion; GMP04 90% Deliverables) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.40 - Prepare and develop GMP04 construction work packages, procurement process, sub plan, procurement and execution procedures | Dave Backman | 3.40 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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