



City of Ketchum

CITY COUNCIL MEETING AGENDA MEMO

Meeting Date: Staff Member/Dept:

Agenda Item:

Recommended Motion:

I move to approve Purchase Order #24071, *Task Order # 05 to the Master Services Agreement with HDR Engineering, Inc, for detailed design of the Solids Dewatering Facilities at the Ketchum/SVWSD Wastewater Treatment Plant with a not to exceed amount of \$486,760.00.*"

Reasons for Recommendation:

- This is the next step in the WWTP CIP schedule.
- Preliminary engineering and design have been submitted to and approved by DEQ.
- Process changes resulting from this upgrade will meet biosolids dryness requirements for composting and eliminate costly biosolids disposal practices now in place.

Policy Analysis and Background (non-consent items only):

Sustainability Impact:

None OR state impact here: The new equipment and process will produce biosolids that we will be able to have composted rather than disposing of in the landfill. Reduced fuel consumption will be realized by being able to haul a less heavy product for shorter distances.

Financial Impact:

None OR Adequate funds exist in account:	Adequate funds for this design package are in the FY24 Wastewater CIP budget. This is a capital improvement expense which will be shared equally with the Sun Valley Water and Sewer District.
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Attachments:

- | |
|--------------------------|
| 1. Purchase Order #24071 |
| 2. HDR Task Order #05 |



CITY OF KETCHUM
 PO BOX 2315 * 191 5TH ST. * KETCHUM, ID 83340
 Administration 208-726-3841 (fax) 208-726-8234

PURCHASE ORDER
 BUDGETED ITEM? ___ Yes ___ No

PURCHASE ORDER - NUMBER: 24071

To: 2319 HDR ENGINEERING, INC. BOX 74008202 CHICAGO IL 60674-8202	Ship to: CITY OF KETCHUM PO BOX 2315 KETCHUM ID 83340
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P. O. Date	Created By	Requested By	Department	Req Number	Terms
03/11/2024	KCHOMA	KCHOMA		0	

Quantity	Description	Unit Price	Total
1.00	TASK ORDER #5 - SOLIDS DEWATERING DES 67-4350-7818	486,760.00	486,760.00
	SHIPPING & HANDLING		0.00
	TOTAL PO AMOUNT		486,760.00

 Authorized Signature

EXHIBIT A

TASK ORDER #05

This Task Order pertains to the Master Services Agreement by and between **City of Ketchum, ID / Sun Valley Water & Sewer District, Sun Valley, ID** (“OWNERS”), and **HDR Engineering, Inc.** (“ENGINEER” or “HDR”), dated **May 1, 2023**, (“AGREEMENT”). Engineer shall perform services on the project described below as provided herein and in the MSA. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

TASK ORDER NUMBER: Task Order #05

PROJECT NAME:

Ketchum / SVWSD Water Reclamation Facility (WRF) – Solids Dewatering Detailed Design

PART 1.0 TASK ORDER DESCRIPTION:

Provide detailed design for solids dewatering system upgrades as described in the Preliminary Engineering Report (PER):

1. Solids Handling PER_dated 09/29/2023

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY ENGINEER:

See Exhibit A.

PART 3.0 OWNER’S RESPONSIBILITIES:

See Exhibit A.

PART 4.0 PERIOD OF SERVICE:

February 2024 – December 2024

PART 5.0 ENGINEER’S FEE:

See Exhibit A for fee breakdown.

Task Order #05: Solids Dewatering Detailed Design

\$486,760.00



PART 6.0 OTHER: N/A

This Task Order #05 is executed this _____ day of _____, 2024.

CITY OF KETCHUM, ID

"OWNER"

BY: _____

NAME: Neil Bradshaw

TITLE: Mayor

ADDRESS: City of Ketchum
P.O. Box 2315 (191 5th St. W.)
Ketchum, ID 83340

SUN VALLEY WATER & SEWER DISTRICT (SVWSD)

"OWNER"

BY: _____

NAME: Jim Loyd

TITLE: Chairman

ADDRESS SVWSD
: P.O. Box 2410
Sun Valley, ID 83353

HDR ENGINEERING, INC.

"ENGINEER"

BY: _____

NAME: Jon Osier

TITLE: Vice President

ADDRESS: HDR
412 E. Parkcenter Blvd,
Suite 100
Boise, ID 83706

EXHIBIT A**TASK ORDER NO. 05****ENGINEERING SERVICES
SOLIDS DEWATERING
DETAILED DESIGN****CITY OF KETCHUM / SUN VALLEY WATER & SEWER DISTRICT**

Background

The Ketchum/SVWSD of Ketchum and the Sun Valley Water & Sewer District (Ketchum/SVWSD) jointly own and operate a wastewater treatment plant (water reclamation Facility or WRF) that serves Ketchum and Sun Valley residents. The plant is an extended aeration activated sludge process that consists of screening, grit removal, aeration basins, secondary clarification, filtration, and ultraviolet (UV) disinfection. The solids dewatering facilities include an aerobic digester and gravity sludge thickener (GST).

The Wastewater Facility Planning Study (FPS) completed in 2022 by HDR identified upgrades needed at the WRF for a 20-year planning period (through year 2042). The major near-term improvements identified for the initial 5-years (2022 – 2027):

- Aeration Upgrades (2024 – 2025)
 - Blower replacement and activated sludge conversion to Modified Ludzach-Ettinger or MLE. Predesigns completed in 3/16/2023 and 3/20/2023.
 - Design complete January 10, 2024
 - Bid date February 28, 2024
 - Construction starting in Spring 2024 and going thru Summer 2025.
- Solids Dewatering (2024 – 2027)
 - PER complete.
 - Design – this task order
 - Construction starting in Spring 2025

The Preliminary Engineering Report (PER) for Solids Handling was finalized on September 29, 2023 and approved by DEQ on October 17, 2023. The Solids Handling PER described conversion from liquid waste biosolids hauling to dewatered biosolids hauling. This minimizes the required drying bed area used at the Ohio Gulch drying beds and allows biosolids composting. The PER construction elements for solids dewatering included: 1) GST demolition, 2) divider walls and covers for existing digester, 3) screw press dewatering, 4) new dewatering building, and 5) demolition of existing yard piping phased out of service from the improvements.

The PER provided approximately 30 percent (%) design detail. The Solids Dewatering project will use a design-bid-build project delivery method. This Task Order advances the design details and produces contract documents (drawings and specifications) for the bidding of the Solids Dewatering project. The detailed design is broken into several stages to allow Owner input at

60% and 90% completion level. At the conclusion of the 90% design, an opinion of probable construction cost (OPCC) will be prepared. The final design (100%) produces the contract documents used by Ketchum/SVWSD to bid and construct the project. Final design documents also require review by DEQ prior to construction.

The following scope of services describes the engineering services required to prepare contract documents for the Solids Dewatering Project including civil, structural, architectural, mechanical, and electrical/controls.

Proposed Scope of Services

The purpose of this scope of services is to provide Ketchum/SVWSD with a detailed design (contract documents) defining Solids Dewatering including: miscellaneous demolition, existing digester modifications, yard piping, a new solids dewatering building with truck loadout, screw press dewatering, pumping and conveying systems, electrical room within building, and associated structural, architectural, plumbing, HVAC, and electrical/controls.

The proposed scope of services for the Solids Dewatering detailed design includes the following tasks.

Task 100: Project Management

Objective

Objectives: Manage the detailed design phase of the project to meet schedule, engage Ketchum/SVWSD personnel during design development, and to meet quality and cost objectives.

HDR Subtasks

- Communicate with Ketchum/SVWSD and the project team through telephone calls and email communications.
- Monitor team scope, budget, and schedule; delegate task assignments and responsibilities by discipline; and coordinate information requests with Ketchum/SVWSD's WRF Supervisor.
- Conduct twice-monthly design coordination conference calls between HDR project manager and Ketchum/SVWSD project team leader (up to twelve (12) meetings with approximate duration one half hour). Prepare agenda and notes for meetings.
- Prepare monthly progress reports and invoices that summarize the work progress to date, budget expenditures to date, and identify work completed during the previous month.

Ketchum/SVWSD Involvement

- Interface with Consultant on project issues.

Assumptions

- Monthly progress reports/invoices for the duration of the project (total project duration less than 8 months).
- If the scope changes during the life of the project, modification to the original contract agreement will be required per the terms and conditions of the agreement.
- Invoice format will follow standard format by the Consultant.
- Direct expenses for travel and printing will be billed to Owner (with 10% markup).

Deliverables

- Progress reports and invoices (e-mail and 1 hard copy each month).
- Conference call agenda and notes (electronic file in .pdf format transmitted via e-mail).

Task 200: Detailed Design, 60% Completion

Objective

The basis (and preliminary details) of the detailed design is found in the PER prepared for this upgrade: Solids Handling Preliminary Engineering Report.

The Detailed Design will provide a comprehensive set of design documents for review by Ketchum/SVWSD. This subtask provides the Ketchum/SVWSD the ability to influence the features of the design. The engineering design requirements for the Solids Dewatering shall meet the Idaho Code (IDAPA 58.01.16 Section 480: Facility and Design Standards for Municipal Wastewater Treatment or Disposal Facilities; Sludge Processing, Storage, and Disposal) and industry engineering standards.

Approach

Advance the design of the Solids Dewatering project from the PER stage (30 percent completion) to approximately the 60 percent completion with project definition on civil, yard piping, structural, architectural, process mechanical, plumbing HVAC, electrical and instrumentation/control. The duration of this design phase is estimated to be approximately 3 months.

- Geotechnical site investigation is included in this task for structural foundation recommendations for the new solids dewatering building. One boring to 25 feet and geotechnical report to include earthwork, foundation, floor slab, lateral earth pressures and seismic design criteria.

- Review recent survey work by Galena-Benchmark to confirm adequate information for detailed design. Minor additional survey work by Phillips Survey is assumed to be required and included in this subtask.
- Update Process & Instrumentation Diagrams (P&ID) for new solids dewatering process will be added to the existing P&IDs for the WRF.
- Develop drawings that define the size, configuration, and key features of the project components defined in the PER for the dewatering upgrade. The number of sheets assumed for each area is shown below in parentheses (the estimated full list of sheets is found in subtask 300 of this scope of work. The 60 percent completion level will produce some sheets fully developed while other sheets are partially developed and some not yet completed.
 - General and Civil Drawings (10 sheets)
 - Structural & Architectural Drawings (10 sheets)
 - Process/Mechanical/HVAC Drawings (15 sheets)
 - Electrical (5)
 - P&IDs and Controls Drawings (5 sheets):
- Develop a table of contents (TOC) for the specifications sections estimated to be required. Develop draft level front end specifications (division 00 and 01) and technical specifications divisions 40 and 46.
- Develop Owner Furnished Equipment (OFE) procurement packages to “bid ready” level.
 - Screw Press
 - Conveyor
 - Sludge Pumps
- OFE bidding services included responding to bidder inquiries, preparing addenda to OFE pre-procurement documents, evaluating bids, and preparing recommendation for award.
- Develop comprehensive equipment list including equipment data and electrical requirements. Including equipment and instrument tagging.
- Prepare service load calculations, interior lighting, power distribution plans, energy compliance documents (for lighting systems), prepare P&ID’s to document the process changes and the control system, prepare process control narratives for system control, prepare network diagram showing control system overview and related components, prepare cable schedule detailing control wiring, and prepare control panel layouts (including bill of materials and schematics for UL listing panel construction).
- Coordination of fire alarm system elements for compliance with NFPA 820 fire alarm system for the new building.
- Update construction sequencing plan and implementation schedule previously developed for the PER. Collect additional data on costs for integration into the revised OPCC (Task 300).
- Provide technical quality control review by HDR senior design staff.
- 60 percent design development will include a draft submittal to the Ketchum/SVWSD for review and comment.

- Conduct up to one (1) review meeting with Ketchum/SVWSD staff and up to two (2) Consultant staff members to discuss Ketchum/SVWSD comments on draft 60 percent submittal.
- Document decisions made during the review in meeting notes.

Ketchum/SVWSD Involvement

- Host a kickoff meeting at the wastewater treatment plant.
- Provide geotechnical reports from past construction projects at the plant site.
- Provide survey and topographic information from past construction project at the plant site in AutoCAD format.
- Review equipment procurement contract.
- Perform a timely review of draft submittal and single set of reconciled review comments. HDR's schedule includes an allowance of up to two (2) weeks for Ketchum/SVWSD review of the draft submittal.
- Ketchum/SVWSD will download Navisworks Freedom (free software) to review the 3D BIM model.
- Participate in the review meeting.
- Participate in six (6) conference call review meetings (every 2 weeks).

Assumptions

- Geotechnical investigation is included in this Scope of Services.
- The design will be completed using 3D building information modeling (BIM) software.
- Drawings will be prepared per HDR standards, and specifications will be prepared using the six-digit format of the Construction Specifications Institute (CSI). Front-end specifications will be based upon Engineers Joint Contract Documents Committee (EJCDC) construction contract documents, latest version.
- The design will incorporate HDR and Ketchum/SVWSD engineering and equipment standards to maintain consistency and compatibility with the Ketchum/SVWSD's facilities.
- HDR excludes incorporation of OT Cybersecurity within the design. Where provided Owner standards shall be applied, however, any further risk evaluation or development of cybersecurity mitigations is excluded.
- Two (2) HDR staff (PM, EIT) plus electrical engineer (DC Engineering) will attend the kick-off meeting at the plant which is assumed will require 8 hours, including travel time.
- Conference calls on two-week frequency schedule shall be approximately 30 - 45 minutes in duration attended by PM, EIT, Structural, and Electrical.
- HDR's quality assurance manual and design delivery manual will provide the basis of the quality control program.

- Duration of the 60 percent design completion is approximately 3 months.
- Reference for the 60 percent design shall be from the DEQ approved PER.
- Three (3) HDR staff (PM, EIT, structural) will attend the 60% design review meeting by web-based conference call, estimated duration two (2) hours.
- Engineer will prepare and distribute review meeting minutes within seven calendar days of meeting completion date.
- Owner requested changes after the 60 percent design phase will be negotiated via additional services.
- Direct expenses for travel and printing will be billed to Owner (with 10% markup).

Deliverables

- 60 Percent 3D BIM model (electronic file in Navisworks format transmitted via e-mail).
- 60 Percent Design Drawings (electronic file in .pdf format transmitted via e-mail).
- 60 Percent Specifications Table of Contents and draft sections of:
 - Division 00 – Procurement and Contracting Requirements
 - Division 01 – General Requirements
 - Division 40 – Process Interconnections
 - Division 46 – Water and Wastewater Equipment

Delivered as electronic file in .pdf format transmitted via e-mail.

- Updated equipment list and construction sequencing plan (electronic files .pdf format).
- Four (4) design team / Owner team meetings with agenda and notes in .pdf format transmitted via e-mail. One meeting on-site (kick-off) and other three meetings remotely via web-based conferencing tools.
 - Initial kickoff meeting,
 - Meeting at end of month one,
 - Meeting at end of month two, and
 - 60% review meeting at end of month three.

Task 300: Detailed Design, Final Completion

Objective

Provide a comprehensive set of design documents to allow thorough review by Ketchum/SVWSD at the 90% completion stage. Upon incorporation of Owner review comments, the deliverable (drawings and specifications) will be signed and sealed by the appropriate registered engineers/architects. The contract documents can then be submitted to Idaho DEQ for conformance with Idaho code. Once approved by DEQ, Ketchum/SVWSD will have contract documents available in electronic format for bidding the project construction.

Approach

Advance the design of the Solids Dewatering project from the Owner approved 60% completion stage (Task 200 above) to approximately 90% completion. The duration of this design is estimated to be approximately 3 months. The 90% completion shall include greater definition of previous civil, structural, architectural, process mechanical, HVAC, electrical and instrumentation / control. After review of the 90% design package with Ketchum/SVWSD (2-week review period), the Final Documents will be prepared. The duration for preparation of final documents is estimated to require an additional two weeks.

- Prepare equipment procurement contract including specifications and drawings.
- Prepare final drawings that define the size, configuration, process control and key features of the project components.
- Control panel layouts, bill of materials, and schematics developed after finalized P&ID and controls narratives.
- Prepare final front end specifications.
 - Division 00 – Procurement and Contracting Requirements
 - Division 01 – General Requirements
- Prepare technical specifications.
 - Division 03 – Concrete
 - Division 04 – Masonry
 - Division 05 – Metals
 - Division 06 – Wood, Plastics, and Composites
 - Division 07 – Thermal and Moisture Protection
 - Division 08 – Openings
 - Division 09 – Finishes
 - Division 23 – Heating, Ventilating, and Air Conditioning
 - Division 26 – Electrical
 - Division 31 – Earthwork
 - Division 32 – Exterior Improvements
 - Division 40 – Process Interconnections
 - Division 43 – Process Gas and Liquid Handling, Purification, and Storage Equipment
 - Division 46- Water and Wastewater Equipment
- Prepare final opinion of probable construction cost, Class 2.
- Provide technical quality control review of final submittal.
- Equipment procurement contract and final design development will each include a draft submittal (90%) to Ketchum/SVWSD for review and comment.

- Conduct up to one (1) review meeting with Owner staff and up to two (2) Consultant staff members to discuss Ketchum/SVWSD comments on 90% submittal.
- Submit final design package to Idaho Department of Environmental Quality (DEQ) for review and approval.

Ketchum/SVWSD Involvement

- Perform a timely review of submittal and will provide a single set of reconciled review comments. HDR's schedule includes an allowance of up to two (2) weeks for Ketchum/SVWSD review of the submittal. Any duration longer than this will result in an HDR schedule adjustment.
- Ketchum/SVWSD will download Navisworks Freedom (free software) to review the 3D BIM model.
- Participate in the review meeting.

Assumptions

- Drawings will be prepared per HDR standards and specifications will be prepared using the six-digit format of the Construction Specifications Institute (CSI).
- The design will incorporate Consultant and Owner engineering and equipment standards to maintain consistency and compatibility with the Owner's facilities.
- HDR excludes incorporation of OT Cybersecurity within the design. Where provided Owner standards shall be applied, however, any further risk evaluation or development of cybersecurity mitigations is excluded.
- Programming/integration services are not included and are assumed to be Owner furnished using the plant's contracted SCADA and programming contractor, Banyan Technologies.
- Project delivery assumes conventional design-bid-build project delivery method.
- No separate value engineering tasks are included.
- Besides separate packages for Owner Furnished Equipment (OFE) defined above in Task 200, the remainder of the drawings and specifications will be prepared for a single construction lump sum bid.
- Review meeting will be conducted at the Wastewater Treatment Plant and will last up to three (3) hours.
- Consultant's quality assurance manual and design delivery manual will provide the basis of the quality control program.
- Up to 76 drawings (+/- 5 percent) will be prepared for the Solids dewatering Improvements Project. The estimated drawing list is listed below.

ESTIMATED DRAWING LIST

1	G-1	Location, Sheet Index
2	G-2	General Legend
3	G-3	General Abbreviations
4	G-4	Equipment List and Design Criteria
5	C-1	Overall Site Plan; Construction Staging & Survey Control
6	C-2	Enlarged Site Plan
7	C-3	Yard Piping Plan
8	C-4	Civil Details
9	XD-1	Demolition Plan; Digester Building
10	XD-2	Demolition Plan: GST
11	XD-3	Demolition Sections & Details; GST
12	S-1	Structural General Notes
13	S-2	Digester Divider Wall & Cover Support Beams Plan
14	S-3	Digester Divider Wall & Cover Support Beams Sections & Details
15	S-4	Dewatering Building Basement Foundation Plan
16	S-5	Dewatering Building Main Level Foundation Plan
17	S-6	Dewatering Building Roofing Plan
18	S-7	Dewatering Building Roofing Sections
19	S-8	Dewatering Building Foundation Sections
20	S-9	Dewatering Building Wall Sections
21	S-10	Misc Sections & Details
22	S-11	Details
23	S-12	Details
24	A-1	Code Compliance
25	A-2	Dewatering Building Isometric - Outside View
26	A-3	Dewatering Building Elevation Views (North and South)
27	A-4	Dewatering Building Elevation Views (East and West)
28	A-5	Dewatering Building Misc. Architectural Details and Schedules (Doors)
29	D-1	Digester Cover
30	D-2	Dewatering Building Iso - Lower Level
31	D-3	Dewatering Building Iso - Upper Level
32	D-4	Dewatering Building Lower Level Plan & Sections
33	D-5	Dewatering Building Lower Sections
34	D-6	Dewatering Building Upper Level Plan
35	D-7	Dewatering Building Upper Level Sections
36	D-8	Dewatering Building Upper Level Sections & Details
37	D-9	Misc Sections
38	D-10	Sections & Details
39	D-11	Standard Details
40	D-12	Standard Details

41	M-1	Mechanical Legend
42	M-2	Dewatering Building Water and Waste Riser Diagrams
43	M-3	Dewatering Building Lower Level Water and Drain
44	M-4	Dewatering Building Upper Level Water and Drain
45	M-5	Dewatering Building HVAC Plan
46	M-6	Dewatering Building HVAC Sections
47	M-9	Dewatering Building Mechanical Details
48	E	Electrical Legend & Abbreviations
49	E	Electrical Notes and Area Classification
50	E	Energy Compliance Documents (CommCheck)
51	E	Panelboard Schedules and Lighting Schedule
52	E	Memo One-Line Diagram/Panelboard Schedule
53	E	Modified One-Line Diagram
54	E	Electrical Demolition Plan
55	E	Overall Site Electrical Plan (Fire Alarm Circuiting)
56	E	Enlarged Site Electrical Plan
57	E	Solids Dewatering Building Electrical/Control Main Floor Plan
58	E	Solids Dewatering Building Electrical/Control Basement Plan
59	E	Solids Dewatering Building Fire Alarm Plan
60	E	Solids Dewatering Building Fire Alarm Details
61	I	Instrumentation & Controls Legend
62	I	Network Diagram
63	I	Dewatering P&ID
64	I	Dewatering P&ID
65	I	Instrument/Cable Schedule
66	I	Solids Dewatering Control Panel Layout
67	I	Solids Dewatering Control Panel Bill of Material
68	I	Solids Dewatering Control Panel Schematic
69	I	Solids Dewatering Control Panel Schematic
70	I	Solids Dewatering Control Panel Schematic
71	I	Solids Dewatering Control Panel Schematic
72	I	Solids Dewatering Control Panel Schematic
73	I	Solids Dewatering Control Panel Schematic
74	I	Go/No-Go Signal Light Details
75	I	Motor Control Schematics
76	I	Motor Control Schematics

- No new drawings or specification sections are expected following this 90 percent submittal.
- The detailed design will advance the completion level and refine the opinion of probable construction cost (OPCC) to Class 2, -10% to +20% range of accuracy based upon

AACE International Recommended Practice No. 18R-97 (PER OPCC provided a Class 3 estimate with an accuracy range of -15%, +30%). Current market volatility in materials and labor market restrict our estimate to Class 2 level.

In addition it should be understood that providing opinion of cost for the PROJECT, CONSULTANT has no control over cost or price of labor and materials, unknown or latent conditions of existing equipment or structures that might affect operation or maintenance costs, competitive bidding procedures and market conditions, time or quality of performance by operating personnel or third parties, and other economic and operational factors that might materially affect the ultimate PROJECT cost or schedule. The CONSULTANT, therefore, will not warranty that the actual PROJECT costs will not vary from CONSULTANT'S opinions, analyses, projections, or estimates.

- No document modifications will result from Idaho DEQ review and approval of the final plans and specifications submittal.
- Bidding services and services during construction are not included and will be scoped separately.
- Direct expenses for travel and printing will be billed to Ketchum/SVWSD at cost plus 10% (with 10% markup).

Deliverables

- Ninety percent (90%) review meeting agenda and notes (.pdf format transmitted via e-mail).
- Draft equipment procurement contract transmitted to Ketchum/SVWSD via e-mail in .pdf format.
- Final equipment procurement contract transmitted to Ketchum/SVWSD via e-mail in .pdf format.
- Review set of design documents including 3D BIM model, construction plans, and specifications transmitted to Ketchum/SVWSD via e-mail in Navisworks and .pdf formats.
- Final design documents including 3D BIM model, construction plans, and specifications transmitted to Ketchum/SVWSD via e-mail in Navisworks and .pdf formats.
- Final design documents including construction plans and specifications transmitted to Idaho DEQ via e-mail.pdf formats.
- Review meeting agenda (up to five (5) hard copies) and notes (electronic copy in .pdf format transmitted via e-mail).

Project Schedule

The project schedule for performing Task Order #05 is as follows:

Task	Schedule (Assuming NTP March 18, 2024)
Task 100 – Project Management	On-going
Task 200 – 60% Design	July 10, 2024
Task 300 – 90% Design	October 9, 2024
Final Design	November 13, 2024

*This schedule is based upon an assumed notice to proceed. If the notice to proceed is delayed, the project schedule will shift the corresponding number of calendar days.

Compensation

The estimated cost to complete this Scope of Services is presented in the table below.

Task	Budget
Project Management	\$53,060
60% Design	\$227,300
Final Design	\$206,400
TOTAL	\$486,760

HDR will invoice the Ketchum/SVWSD of Ketchum/SVWSD for professional services described in this Proposal on a time and materials basis. For the activities described in the Scope of Services, HDR estimates a professional services fee of not to exceed the amounts described in the table above without written authorization from the City of Ketchum and Sun Valley Water & Sewer District.

End of Task Order #05