



SEC, INC.
825 COVE PARKWAY, SUITE A
COTTONWOOD, AZ 86326

WORK ORDER

Date Opened 9/11/2023 Date Required ASAP

Project Name TOJ/Verde Ave Project No. _____

Ordered by Brett Klein - Town Manger/Clerk Email b.klein@jerome.az.gov

Bill to TOJ C/O Brett Klein Phone (928) 634-7943

Street PO Box 335 City Jerome State AZ Zip 86331

Received by Krishan Ginige Office Letter Phone Other

PROJECT LOCATION Yavapai County Town of Jerome

PROJECT DESCRIPTION TOJ Engineering and Surveying - Verde Ave- Road, Drainage Sewer & Water

1) Per attached SEC Proposal Letter, dated 9/11/2023, attached hereto and made a part of this Work Order.

2) Any additional requests will be billed as "extra" items at current Time & Materials rates. Prior approval will be obtained before proceeding.

SEC, Inc. agrees to perform the work outlined herein under the terms and conditions set forth in Schedules A and B, attached hereto and made a part hereof. Client agrees to pay an estimated fee of **\$ 189,733.00** plus any direct expenses. This is an estimated fee only, based upon information provided to SEC, Inc. by client, and in the event the information is inaccurate, or in the event of unforeseen circumstances, this estimate may change. Estimate may become void if Work Order is not received by 4/18/2024.

If additional work is requested during the project agreed to be performed under this agreement, fees will be based on the current SEC, Inc., hourly rate schedule. A retainer is to be remitted with this Work Order in the amount of \$_. The balance due SEC, Inc., shall be paid upon completion, or in payments during the course of the project. All past due accounts after deducting current payments and credits, shall bear interest at the rate of 1¾ percent per month, compounded, which is an annual percentage rate of 21 percent. Client agrees to pay all costs of collection, including reasonable attorney fees. Liability for errors and omissions in the work is limited to the amount of the fee.

Acknowledgement and authorization:

Client Signature

Date



SOUTHWESTERN
ENVIRONMENTAL
CONSULTANTS, INC.

www.sec-landmgt.com
info@sec-landmgt.com

CORPORATE OFFICE:
20 STUTZ BEARCAT DRIVE #6
SEDONA, ARIZONA 86336
(928) 282-7787
Fax: 282-0731

BRANCH OFFICE:
825 COVE PARKWAY
COTTONWOOD, ARIZONA 86326
(928) 634-5889
Fax: 634-2222

September 11, 2023

Brett Klein
Town Manager/Clerk
Town of Jerome
600 Clark Street
P.O. Box 335
Jerome, AZ 86331

RE: Engineering Services for Verde Avenue- Road, Drainage, Sewer, and Water
Improvements
From 6th Place to Main Street

Dear Brett,

SEC, Inc. is pleased to present this proposal and an estimate of costs to provide engineering services for the above referenced project. Based on our understanding of the project, preliminary site investigation and our experience with similar projects the tasks to be accomplished include:

Services are to include the following:

- **Topographic Survey-** SEC will gather topography within the right-of-way and any above ground utility information. Due to the extent of the site the work will be conducted in two phases.
 - Areal topo
 - Field survey to collect ground conditions and other data.
- **Boundary Survey-** SEC will locate, verify and set any missing monuments within boundaries that SEC deems necessary. The boundary survey will be limited to developing the Right-Of-Way (RWO) to determine the extent of the design limits and to identify if any easements would be required. No separate mapping is anticipated.
- **Blue stake investigation-** It is understood that there are utilities within the area that require investigation and documentation.
 - SEC will coordinate with all utility companies to gather information.
 - SEC will document and map the available information.
 - SEC will identify areas where pot-holing is required. It is assumed that the Town will use their maintenance crew for the investigation. SEC survey crew will gather the necessary data.



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- Drainage Review- SEC will review the drainage conditions of the area. We will also review the contribution area and develop flow calculations which would be used for the road design.
- Drainage Plans- SEC will develop drainage plans in conjunction with the road plans. Any drainage conveyance and mitigation options will be developed.
- Road Plans- Road plans will consist of the following:
 - 30% Design Plans (Plan only)
 - 60% Design Plans (Plan and Profile)
 - 90% Design Plans (Plan and Profile)
 - Final CD including specifications
- Water Plans- Water plans will consist of the following:
 - 30% Design Plans (Plan only)
 - 60% Design Plans (Plan and Profile)
 - 90% Design Plans (Plan and Profile)
 - Final CD including specifications
- Water Report- SEC will develop a water model and report that will be submitted with the plans for ADEQ approval.
- Sewer Plans- Based on the available information, there are no main sewer lines running along Verde Heights. However, there are crossings at intersections. This project will review replacing or improve existing lines. Due to the extent of the work and until further clarification is obtained from ADEQ/YC Environmental services, it is considered that the work will fall under main line improvement. Sewer plans will consist of the following:
 - 30% Design Plans (Plan only)
 - 60% Design Plans (Plan and Profile)
 - 90% Design Plans (Plan and Profile)
 - Final CD including specifications
- Sewer Report- SEC will develop a sewer model and report that will be submitted with the plans for ADEQ approval.
- Geotechnical Engineering Allowance- It is difficult to estimate the costs for geotechnical engineering. Based on previous project experience an allowance of \$16,000.00 has been budgeted for this scope of work.
- Structural Engineering Allowance- A significant portion of the East side of the road is supported by existing retaining walls. There exists cantilevered side walk and safety rails tied to them. It would be critical to investigate the existing condition and develop recommendation for the project. Due to the many unknowns, it is difficult to estimate the costs for structural engineering. Based on previous project experience, an allowance of \$24,000.00 has been budgeted for this scope of work.
- Meetings and Coordination

"Growth is inevitable... it's planning that makes the difference."



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- Post Design/Pre Construction services
 - Coordinate with other government agencies/permits (permits fees are excluded)
 - Assist the Town on bid advertising and selection of contractor.

It is assumed that a site specific water and sewer models for the project area will satisfy the ADEQ approval process. Town wide sewer and water modeling is not a part of this proposal. It is also assumed that all work is within the Town right-of-way or Town easements. Land acquisition or historic land rights are also not included within this proposal.

With our experience on similar projects the total estimated cost is \$189,733.00. If this proposal meets Town approval, we will provide a Work Order for signature along with our standard Scheule A & B (Rate sheet and standards terms and conditions)

Should you have any questions or need any additional information, please contact me at kginige@sec-landmgt.com or (928) 282-7787 ext. 4219.

Sincerely,

Krishan Ginige, P.E., CFM, MS
President

RATE SCHEDULE - SCHEDULE A

Professional Services
(effective January 1, 2012)

The cost of services, provided by SEC, Inc., are determined as basic direct wages times a cost multiplier for overhead expenses. Hourly charges for different disciplines are as follows:

<u>Functions</u>	<u>Hourly Rate (\$)</u>
Principal Engineer / Company Officer	175.00
Project Engineer	145.00
Senior Civil Engineer / Planner Level VI.....	135.00
CE Level IV / Registered Land Surveyor II.....	120.00
CE Level III / Registered Land Survey I or / Technician Level V / Planner Level V.....	105.00
CE Level II / Survey Chief III / Technician Level IV / Planner Level IV	95.00
CE Level I / Survey Chief II / Technician Level III / Planner Level III	85.00
Survey Chief I / Technician Level II / Planner Level II.....	75.00
Technician Level I / Planner Level I	60.00
Laborer	50.00
CADD Designer Level II	87.00
CADD Designer Level I	70.00
GIS – Level II	85.00
GIS - Level I	70.00
CADD Drafter	65.00
Secretary / Non-professional Research (min 1 hour).....	50.00

See Natural Resource Rate SCHEDULE A, if applicable

Overtime/Expert Witness

Overtime for all disciplines will be charged at the rate of 1.5 times the hourly rate and 2.0 times the hourly rate for Sundays and holidays. Expert Witness will be charged at 2.0 times the hourly rate for that professional.

Equipment and Materials

Vehicles	0.70/mile
Field Materials	Cost plus 20%
Robotic Total Station.....	\$22/hr
GPS Receiver	\$26/hr
Special Service(s) & Equipment Rental.....	Cost plus 20%
Blackline Prints:	0.25/sf (Public 1.00/sf)
Color Prints: 11" x 17".....	3.50 each
Mylar: 18" x 24".....	7.50 each
24" x 36".....	12.50 each
Xerox Copies, Letter & Legal: single/double sided.....	0.15/0.20 each
Xerox Copies: 11" x 17" or Color 8½" x 11"	0.75 each
Color Prints/Plots (24" x 36").....	15.00 each
Check Plots20¢/sf
CD copy	\$20.00 each
Miscellaneous	Cost plus 20%

Note: Above fee schedule rates are subject to change without notice. Equipment and material costs are subject to change without prior notice, to reflect supplier price changes.

On projects that require a field crew(s) to stay out of town, *per diem* expenses (meals, lodging) will be billed on basis of "costs" plus 20%. On all survey jobs, a **minimum** charge of 2 hours at the current rates will be applied to each job for field work.

**TERMS AND CONDITIONS OF AGREEMENT
BETWEEN CLIENT AND SEC, INC.**

(SCHEDULE B)

1. **AUTHORIZATION TO PROCEED.** Client's signing of this Work Order constitutes authorization for SEC to proceed with the described services and also constitutes acknowledgment and ratification of services previously rendered at Client's request to the extent they fall within the scope of services described on the Work Order.
2. **RETAINER.** Before SEC begins rendering services, Client shall pay a retainer in the amount set forth on the Work Order. As the retainer is depleted, additional funds will be requested to replenish the retainer balance. Any credit balance in retainer will be adjusted in the final invoice and any amounts due to the Client will be refunded at that time.
3. **INVOICES.** SEC will submit invoices to Client from time to time as services are provided. Invoices are due and payable upon receipt. Client shall promptly review invoices and notify SEC of any objection thereto; absent such objection in writing within ten (10) days of the date of the invoice, the invoice shall be deemed proper and acceptable.
4. **FEES.** Fees are based either on an estimate, quote, or on a time and material (T&M) basis as so stated on the Work Order. Rates are based on the current SEC Rate Schedule (Schedule A). Client shall pay the costs of all materials and direct expenses such as fees, permits, bond premiums, title company charges, delivery charges, travel, lodging, subsistence, blueprints and reproductions, and all other charges and expenses related to completion of the project not specifically covered by the terms of this agreement. In the event such reimbursable items are paid directly by SEC, then such charges and expenses will be invoiced to the Client at direct cost plus twenty (20) percent for handling. A minimum charge of two hours at current rates will be assessed to each survey job.
5. **LIMITATION OF FEES.** SEC's fees shall be limited to the amount set forth in the Work Order. SEC's estimate of the total fees is not a guarantee that all the described services can be performed for that amount but represents its good faith estimation of the approximate total fees that will be earned, based on the information available at the time. However, should the estimated fee amount be reached prior to the limit of services under this Agreement, SEC can limit its services to that amount. If all the services described are not completed, SEC shall provide Client with a revised estimate and proceed to completion only upon Client's authorization (either written or verbal).
6. **EXTRAS.** Client shall pay for any additional work agreed to be performed by SEC at the request of Client, in addition to those set forth herein. The additional work will be charged as extras based on the current SEC hourly rate schedule.
7. **PAYMENT.** Payment for invoices tendered by SEC, are net due upon receipt of the invoice. In the event any invoice is not paid within thirty (30) days, it shall commence bearing compound interest. Beginning on the date the invoice was rendered, compound interest will be calculated at the rate 1.75% per month, (twenty-one (21) percent per annum -- or such rates as may be maximum interest permissible under applicable law, -- whichever is lower). Client agrees to pay all accrued interest together with the charges for services rendered. SEC reserves the right to terminate work on the project until any amounts outstanding are paid in full.
8. **TERMINATION.** Either party may terminate this Agreement with or without cause, upon ten (10) working days written notice to the other. In the event any invoice submitted under this Agreement or under any other agreement between Client and SEC, is not paid in full within forty-five (45) days after rendering, Client agrees that SEC shall have the right to consider said default a material breach of this Agreement. Client shall have ten (10) days thereafter in which to cure said default. If said default is not cured by Client, SEC shall have the right, in addition to all other available rights and remedies, to terminate this Agreement even if the default is in payment of an invoice submitted under another agreement, and to terminate all other agreements between Client and SEC. Upon early termination, Client shall then promptly pay SEC for all of the fees and charges for all services rendered and costs incurred by SEC to the effective date of termination.
9. **CLIENT RESPONSIBILITIES.** Client shall cooperate with SEC by providing everything reasonably necessary for SEC to be able to provide its services, including but not limited to, all necessary information concerning the project and Client's requirements including design criteria, necessary access to public and private lands, legal accounting, insurance services required for the project, necessary permits, and approval of governmental authorities and other individuals.
10. **OWNERSHIP OF DOCUMENTS.** All documents prepared by SEC pursuant to this Agreement are prepared specifically for use in connection with this project. Originals of all such documents are and remain the property of SEC. SEC shall furnish Client with sufficient copies of such documents for its purposes at associated costs. All such documents are not intended or represented to be suitable for reuse by the Client or others on extensions of this project or on any other work. The Client may use such documents for other purposes without further compensation to SEC; however, any reuse without written verification or adaptation by SEC for the specific purpose intended will be at the Client's sole risk and without liability or legal exposure to SEC. Client agrees to indemnify and hold harmless SEC from all claims, damage, losses, and expenses, including attorney's fees, arising out of or resulting from the Client's use of the documents for any purpose other than in connection with this project. Any verification or adaptation of the documents by SEC for other purposes will entitle SEC to further compensation as agreed upon between the parties.
11. **CONSTRUCTION COST ESTIMATES.** SEC has no control over actual project construction costs and estimates of such probable costs represent SEC's good faith estimation only of the approximate, probable cost to construct the project, based on the information available at the time. SEC cannot and does not represent or guarantee that actual project construction costs will not vary substantially from its estimate of probable costs.
12. **ARBITRATION AND LEGAL EXPENSES.** Any controversy of claim relating to this Agreement will be settled by arbitration upon the mutual agreement of the parties. Such arbitration shall be conducted in accordance with the rules of the American Arbitration Association in effect at the time of the arbitration, unless the parties mutually agree to conduct such arbitration by a different procedure. Judgment on the award or decision rendered may be entered in any court having jurisdiction over the matter. In the event of any legal action between the parties to enforce any of the terms of this Agreement, the party in whose favor judgment is rendered, shall be paid by the non-successful party, all costs and expenses incurred, including a reasonable attorney's fee.
13. **LIMITATION OF LIABILITY.** SEC's liability to the Client for any cause or combination of causes is, in the aggregate, limited to an amount no greater than the fee earned under this Agreement.
14. **BINDING EFFECT.** The terms and conditions of this Agreement shall inure to the benefit of and be binding upon the parties and their respective heirs, successors, and assigns. This Agreement shall be governed by and construed in accordance with the laws of the State of Arizona. If any of the provisions of this Agreement are declared invalid, such declarations shall not affect the validity of the remainder of this Agreement.
15. **CAPTIONS.** The paragraph captions used in this Agreement are for convenience only; they are not construed as part of this Agreement; and they in no way define, limit or amplify the provision of this Agreement.