

**RESOLUTION NO. 2956**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, PIERCE COUNTY, WASHINGTON, AUTHORIZING A PROFESSIONAL SERVICES AGREEMENT WITH KRAZAN & ASSOCIATES, INC. FOR GEOTECHNICAL AND MATERIALS TESTING SERVICES AS PART OF THE TACOMA POINT RESERVOIR REPLACEMENT PROJECT.**

**WHEREAS**, the City Council approved Resolution 2950 on June 22, 2021 awarding the contract for the construction effort of Tacoma Point Reservoir Replacement Project to T Bailey, Inc.; and

**WHEREAS**, City staff requested Krazan & Associates to provide geotechnical and materials testing services for from Krazan & Associates, Inc. as part of the Tacoma Point Reservoir Project in the amount of \$19,437.50; and

**WHEREAS**, the City received a quote from Krazan & Associates, Inc. to provide geotechnical and materials testing services as part of the Tacoma Point Reservoir Project in the amount of \$19,437.50; and

**WHEREAS**, this agreement will authorize Krazan & Associates, Inc. to provide geotechnical and materials testing services; and

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Bonney Lake does hereby authorize the Mayor to sign the attached contract with Krazan & Associates, Inc. in the amount of \$19,437.50.

**Passed by the City Council this 27<sup>th</sup> day of July, 2021.**

**AUTHENTICATED:**

DocuSigned by:

*Harwood T. Edvalson*

Harwood T. Edvalson, City Clerk

DocuSigned by:

*Neil Johnson, Jr.*

Neil Johnson, Jr., Mayor

City of Bonney Lake, Washington  
**City Council Agenda Bill (AB)**

<b>Department/Staff Contact:</b> PS / Doug Budzynski	<b>Meeting/Workshop Date:</b> 27 July 2021	<b>Agenda Bill Number:</b> AB21-91
<b>Agenda Item Type:</b> Resolution	<b>Ordinance/Resolution Number:</b> 2956	<b>Sponsor:</b>

**Agenda Subject:** Award a Professional Services Agreement to Krazan & Associates for Geotechnical and Materials Testing Services During the Tacoma Point Reservoir Replacement Project.

**Full Title/Motion:** A Resolution Of The City Council Of The City Of Bonney Lake, Pierce County, Washington, Authorizing A Professional Services Agreement With Krazan & Associates For Geotechnical And Materials Testing Services During The Tacoma Point Reservoir Replacement Project.

**Administrative Recommendation:** Approve

**Background Summary:** On June 22, 2021, Council was presented Resolution 2950 to give a NOA to T Bailey to complete the construction effort of the Tacoma Point Reservoir Replacement Project. As part of the effort to complete the project, staff requested Krazan & Associates to provide a quote for geotechnical and materials testing services during the construction effort of the project. Krazan & Associates has given the City a quote of \$19,437.50 to complete this effort.

**Attachments:** Resolution 2956, Contract

**BUDGET INFORMATION**

<b>Budget Amount</b>	<b>Current Balance</b>	<b>Required Expenditure</b>	<b>Budget Balance</b>	<b>Fund Source</b>
\$6,439,800.00	-\$795,186.57	\$19,437.50	-\$814,624.07	<input type="checkbox"/> General
				<input checked="" type="checkbox"/> Utilities
				<input type="checkbox"/> Other

**Budget Explanation:** Water SDC: 401.105.034.594.34.63.04  
 Water Comprehensive Plan - ST2-Tacoma Point Water Reservoir Replacement.  
 Revenue Source: Water SDC

**COMMITTEE, BOARD & COMMISSION REVIEW**

<b>Council Committee Review:</b>	Community Development <i>Approvals:</i>		<b>Yes</b>	<b>No</b>
	Date: 20 July 2021			
	Chair/Councilmember	Dan Swatman	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Councilmember	Tom Watson	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Councilmember	Kelly McClimans	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Forward to:	<b>Consent Agenda:</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

**Commission/Board Review:**

**Hearing Examiner Review:**

**COUNCIL ACTION**

Workshop Date(s):	Public Hearing Date(s):
Meeting Date(s):	Tabled to Date:

**APPROVALS**

<b>Director:</b> <i>Ryan Johnstone</i>	<b>Mayor:</b> <i>Neil Johnson Jr.</i>	<b>Date Reviewed by City Attorney:</b> (if applicable)
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## PROFESSIONAL SERVICES AGREEMENT

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is made and entered into this 27th day of July, 2021, by and between the City of Bonney Lake ("City") and Krazan & Associates ("Consultant").

The parties hereby agree as follows:

- 1. Scope of Work.** The Consultant shall perform all work and provide all materials described in the Scope of Work set out in Exhibit A attached hereto and incorporated herein by this reference. Such work shall be performed using facilities, equipment and staff provided by Consultant, and shall be performed in accordance with all applicable federal, state and local laws, ordinances and regulations. The Consultant shall exercise reasonable care and judgment in the performance of work pursuant to this Agreement. The Consultant shall make minor changes, amendments or revisions in the detail of the work as may be required by the City, such work not to constitute Extra Work under this Agreement.
- 2. Ownership of Work Product.** Documents, presentations and any other work product produced by the Consultant in performance of work under this Agreement shall be tendered to the City upon completion of the work, and all such product shall become and remain the property of the City and may be used by the City without restriction; *provided*, that any such use by the City not directly related to the particular purposes for which the work product was produced shall be without any liability whatsoever to the Consultant.
- 3. Payment.** The Consultant shall be paid by the City for completed work and services rendered under this Agreement pursuant to the rates and charges set out in Exhibit B, attached hereto and incorporated herein by this reference. Such payment shall be full compensation for work performed or services rendered and for all labor, materials, supplies, equipment, and incidentals necessary to complete the work. All billings for compensation for work performed under this Agreement shall list actual time and dates during which the work was performed and the compensation shall be figured using the rates set out in Exhibit B; *provided*, that payment for work within the Scope of Work (Exhibit A) shall not exceed the fee/hour estimate set out in Exhibit A without written amendment to this Agreement, agreed to and signed by both parties.

Acceptance of final payment by the Consultant shall constitute a release of all claims, related to payment under this Agreement, which the Consultant may have against the City unless such claims are specifically reserved in writing and transmitted to the City by the Consultant prior to acceptance of final payment. Final payment shall not, however, be a bar to any claims that the City may have against the Consultant or to any remedies the City may pursue with respect to such claims.

The Consultant and its sub consultants shall keep available for inspection, by the City, for a period of three years after final payment, the cost records and accounts pertaining to this Agreement and all items related to, or bearing upon, such records. If any litigation, claim or audit is started before

the expiration of the three-year retention period, the records shall be retained until all litigation, claims or audit findings involving the records have been resolved. The three-year retention period shall commence when the Consultant receives final payment.

4. **Changes in Work.** The Consultant shall make all revisions and changes in the work completed under this Agreement as are necessary to correct errors, when required to do so by the City, without additional compensation.

5. **Extra Work.** The City may desire to have the Consultant perform work or render services in addition to or other than work provided for by the expressed intent of the Scope of Work. Such work will be considered Extra Work and will be specified in a written supplement which will set forth the nature and scope thereof. Work under a supplement shall not proceed until authorized in writing by the City. Any dispute as to whether work is Extra Work or work already covered by this Agreement shall be resolved before the work is undertaken. Performance of the work by the Consultant prior to resolution of any such dispute shall waive any claim by the Consultant for compensation as Extra Work.

6. **Employment.** Any and all employees of Consultant, while engaged in the performance of any work or services required by the Consultant under this Agreement, shall be considered employees of the Consultant only and not of the City, and any and all claims that may or might arise under the Workman's Compensation Act on behalf of said employees, while so engaged; any and all taxes arising out of Consultant's or Consultant's employees' work under this Agreement; and any and all claims made by a third party as a consequence of any acts, errors, or omissions on the part of the Consultant's employees, while so engaged, shall be the sole obligation and responsibility of the Consultant, except as provided in Section 12 of this agreement. The Consultant's relation to the City shall at all times be as an independent contractor.

7. **Nondiscrimination and Legal Compliance.** Consultant agrees not to discriminate against any client, employee or applicant for employment or for services because of race, creed, color, national origin, marital status, gender, age or handicap except for a bona fide occupational qualification with regard to, but not limited to, the following: employment upgrading; demotion or transfer; recruitment or any recruitment advertising; layoff or termination; rates of pay or other forms of compensation; selection for training; and rendition of services. The consultant represents and warrants that it is in compliance with and agrees that it will remain in compliance with the provisions of the Immigration Reform and Control Act of 1986, including but not limited to the provisions of the Act prohibiting the hiring and continued employment of unauthorized aliens and requiring verification and record keeping with respect to the status of each of its employees' eligibility for employment. The consultant shall include a provision substantially the same as this section in any and all contracts with sub consultants performing work required of the contractor under this contract. The consultant agrees to indemnify and hold the City harmless from any and all liability, including liability for interest and penalties, the City may incur as a result of the consultant failing to comply with any provisions of the Immigration Reform and Control Act of 1986. Consultant understands and agrees that if it violates this section, this Agreement may be terminated by the City, and that Consultant shall be barred from performing any services for the

City in the future unless and until a showing is made satisfactory to the City that discriminatory practices have terminated and that recurrence of such action is unlikely.

8. **Term.** This Agreement shall become effective upon the day of its execution by both parties, and shall terminate upon completion of the work and delivery of all materials described in Exhibit A.

9. **Termination by City.** The City may terminate this Agreement at any time upon not less than ten (10) days written notice to Consultant, subject to the City's obligation to pay Consultant in accordance with subsections A and B below.

A. In the event this Agreement is terminated by the City other than for fault on the part of the Consultant, a final payment shall be made to the Consultant for actual cost of work complete at the time of termination of the Agreement. In addition, the Consultant shall be paid on the same basis as above for any authorized Extra Work completed. No payment shall be made for any work completed after ten (10) days following receipt by the Consultant of the termination notice. If the accumulated payment(s) made to the Consultant prior to the termination notice exceeds the total amount that would be due as set forth in this subsection, then no final payment shall be due and the Consultant shall immediately reimburse the City for any excess paid.

B. In the event the services of the Consultant are terminated by the City for fault on the part of the Consultant, subsection A of this section shall not apply. In such event the amount to be paid shall be determined by the City with consideration given to the actual costs incurred by the Consultant in performing the work to the date of termination, the amount of work originally required which was satisfactorily completed to date of termination, whether that work is in a form or of a type which is usable by the City at the time of termination, the cost to the City of employing another person or firm to complete the work required and the time which may be required to do so, and other factors which affect the value to the City of the work performed at the time of termination. Under no circumstances shall payment made under this subsection exceed the amount which would have been made if subsection A of this section applied.

C. In the event this Agreement is terminated prior to completion of the work, the original copies of all work products prepared by the Consultant prior to termination shall become the property of the City for its use without restriction; *provided*, that any such use by the City not directly related to the particular purposes for which the work product was produced shall be without any liability whatsoever to the Consultant.

10. **Termination by Consultant.** Consultant may terminate this Agreement only in response to material breach of this Agreement by the City, or upon completion of the work set out in the Scope of Work and any Extra Work agreed upon by the parties.

11. **Applicable Law; Venue.** The law of the State of Washington shall apply in interpreting this Agreement. Venue for any lawsuit arising out of this Agreement shall be in the Superior Court of the State of Washington, in and for Pierce County.

## 12. Indemnification / Hold Harmless

Consultant shall defend, indemnify and hold the City, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees arising out of or resulting from the negligent acts, errors or omissions of the Consultant in performance of this Agreement, except for injuries and damages caused by the sole negligence of the City. In the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Consultant and the City, its officers, officials, employees, and volunteers, the Consultant's liability, including the duty and cost to defend, hereunder shall be only to the extent of the Consultant's negligence. It is further specifically and expressly understood that the indemnification provided herein constitutes the Consultant's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties. The provisions of this section shall survive the expiration or termination of this Agreement.

### Insurance

The Consultant shall procure and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

#### A. Minimum Scope of Insurance

Consultant shall obtain insurance of the types described below:

1. Automobile Liability insurance covering all owned non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.
2. Commercial General Liability insurance shall be written on ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, independent contractors and personal injury and advertising injury. The City shall be named as an insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the City.
3. Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.
4. Professional Liability insurance appropriate to the Consultant's profession.

#### B. Minimum Amounts of Insurance

Consultant shall maintain the following insurance limits:

1. Automobile Liability insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident.
2. Commercial General Liability insurance shall be written with limits no less than \$1,000,000 each occurrence, \$2,000,000 general aggregate.
3. Professional Liability insurance shall be written with limits no less than \$1,000,000 per claim and \$1,000,000 policy aggregate limit.

#### **C. Other Insurance Provisions**

The insurance policies are to contain, or be endorsed to contain, the following provisions for Automobile Liability, Professional Liability and Commercial General Liability insurance:

1. The Consultant's insurance coverage shall be primary insurance as respect the City. Any insurance, self-insurance, or insurance pool coverage maintained by the City shall be excess of the Consultant's insurance and shall not contribute with it.
2. The Consultant's insurance shall be endorsed to state that coverage shall not be cancelled by either party, except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City.

#### **D. Acceptability of Insurers**

Insurance is to be placed with insurers with a current A.M. Best rating of not less than A:VII.

#### **E. Verification of Coverage**

Consultant shall furnish the City with original certificates and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Consultant before commencement of the work.

13. **Subletting or Assigning.** The Consultant shall not sublet or assign any of the work covered by this Agreement without the express written consent of the City.

14. **Entire Agreement.** This Agreement represents the entire Agreement between the parties. No change, termination or attempted waiver of any of the provisions of the Agreement shall be binding on any party unless executed in writing by authorized representatives of each party. The agreement shall not be modified, supplemented or otherwise affected by the course of dealing between the parties.

15. **Waiver.** Failure by any party to this Agreement to enforce any provision of this Agreement or to declare a breach shall not constitute a waiver thereof, nor shall it impair any party's right to demand strict performance of that or any other provision of this Agreement any time thereafter.

16. **Severability.** If any provision of this Agreement or its application is held invalid, the remainder of the Agreement or the application of the remainder of the Agreement shall not be affected.

17. **Execution and Acceptance.** This Agreement may be executed in several counterparts, each of which shall be deemed to be an original having identical legal effect. The Consultant hereby ratifies and adopts all statements, representations, warranties, covenants, and agreements contained in the supporting materials submitted by the Consultant, and does hereby accept the Agreement and agrees to all of the terms and conditions thereof.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

CITY OF BONNEY LAKE

CONSULTANT

DocuSigned by:  
By: Neil Johnson, Jr.  
Neil Johnson Jr., Mayor

By: [Signature]

**Attachments:**

Exhibit A: Scope of Work/Deliverables/Fee

Exhibit B: Rates



## **EXHIBIT A: SCOPE OF WORK**

The Consultant shall perform the following services as directed by the City:

**EXHIBIT B: RATES**



GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING • CONSTRUCTION TESTING AND INSPECTIONS

June 14, 2021

KA Proposal No. T21301.1WAT

Mr. Doug Budzynski  
CITY OF BONNEY LAKE PUBLIC WORKS  
9002 Main Street E, Suite 125  
PO Box 7380  
Bonney Lake, WA 98391

Direct: 253-447-4342  
Email: budzynskid@ci.bonney-lake.wa.us

RE: PROPOSAL FOR CONSTRUCTION TESTING AND INSPECTION SERVICES  
3.5MG Tacoma Point Reservoir  
Sumner-Tapps Hwy near 16th Street E  
Bonney Lake, Washington

Dear Mr. Budzynski,

Krazan & Associates, Inc. appreciates the opportunity to submit this REVISED proposal for testing and inspection for the 3.5MG Tacoma Point Reservoir project.

Certified by the Washington Association of Building Officials (WABO) and accredited by the American Association of State Highway and Transportation Officials (AASHTO), our testing/inspection capabilities, along with our geotechnical engineering and environmental services, allow us to provide our clients with a single source for their project needs.

Again, we appreciate the opportunity to submit this estimate and we believe you will be pleased with the selection of our firm. The following pages include the anticipated scope of work, hourly rates and estimate of costs for our services, general conditions, and contract. If you have any questions, or if we can be of further assistance, please do not hesitate to call our office at 253-939-2500.

The following items are included as an Attachment:

- Attachment A – Budget Estimate
- Attachment B – Agreement for Engineering Consulting Services, Construction Observation, & Materials Testing Services (Pages 1 – 4)

Respectfully submitted,

**KRAZAN & ASSOCIATES, INC.**

William B. Throne  
Operations Manager  
Email: [billthrone@krazan.com](mailto:billthrone@krazan.com)

*With Offices Serving the Western United States*

825 Center Street, Suite A • Tacoma, WA 98409 • 253-939-2500 • Fax 253-939-2556 • [www.krazan.com](http://www.krazan.com)

## PROJECT DESCRIPTION

The project as we understand it consists of the construction of a 3.5MG welded steel reservoir and associated site work, including water, stormwater, power, and telemetry utilities, mass grading, stormwater detention pond, and masonry (CMU) control building.

## SCOPE OF WORK

The Scope of Work listed below is based on our review of the plans dated May 11, 2021. Geotechnical recommendations are to be provided by others.

Soil Compaction Testing – The inspector will periodically observe and monitor placement and compaction of all structural fills during mass grading of site / in building pad / pavement areas. In-place soil densities and moisture contents will be measured using a nuclear densometer to check for compliance with the compaction specifications. Representative samples of the fill soils will be collected for laboratory testing. Samples of on-site and import fill soils will be tested in accordance with ASTM D1557 (Modified Proctor) to determine the maximum compacted unit weight and optimum soil moisture content for use in compaction testing. Additional testing of the soils samples to confirm compliance with the required physical properties may include: Sieve Analysis (coarse and fine); Atterberg Limits; Hydrometer; Sand Equivalent; CBR; Organic Content. Specific tests that are anticipated to be performed are listed in the Budget Estimate.

Structural Reinforcing Steel Inspection – The inspector will monitor placement of structural reinforcing steel and embedment's to verify compliance with project requirements for correct size, grade of steel, location, and clearance to forms and/or earthwork.

Structural Reinforced Concrete Inspection – The inspector will monitor placement of cast in place concrete to verify adherence to project specifications. Each load, as required, will be checked for proper mix design and adherence to slump requirements. Air content testing is available upon request. Concrete specimens will be cast, transported, and cured as per applicable ASTM requirements. Five (5) cylinders will be cast for each 150 cubic yards of each separate mix design of concrete, or fraction being placed each day.

Structural Reinforced Masonry Inspection – The inspector will periodically monitor erection of structural masonry and verify compliance with project specifications. The inspector will monitor masonry layout for reinforcement, centering, and placing of mortar and grout. The mixing of mortar will be periodically observed and samples made for laboratory analysis. Inspection of grouting mix will include verification of compression strength using full size masonry prisms. Grouting of cells will be monitored and specimens cast.

Structural Proprietary Anchor / Epoxy Dowel Inspection – The inspector will verify structural anchor and epoxy dowel installation. Inspection will include depth, diameter, cleanliness of hole, and seating torque value for expansion anchors. The inspector will periodically verify that the mixing and application of two-part epoxy is per manufacturer recommendations. If conditions warrant, test cubes will be cast of the mixed two-part components to verify setting of mixture. This may include inspection of life safety, pressurized piping, access flooring, and emergency equipment (emergency generators) anchors.

Structural Steel Inspection – The inspector will inspect fabrication (if required) and erection of structural steel members. Inspections at the fabrication plant will include verifying that materials used match the mill tests or affidavits of test reports; that fabrication, welding procedures, surface preparation, and shop painting meet specifications; and that the work in progress conforms to project requirements. The inspector shall visually check fabricated steel delivered to the job to confirm that the work is in compliance with approved shop drawings and shall make any physical tests, measurements, etc., believed to be necessary, and shall witness and report all corrections performed by the steel fabricator. The inspector will verify welding procedures and welder qualifications. Krazan's inspector may be present at all times during steel erection on site. The inspector will also verify weld quality in accordance with American Welding Society (AWS) codes. All welds shall be visually inspected.

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For connections using high-strength bolts installed using Load Indicating Washers, Krazan will inspect the surface and bolt type for conformance to plans and specifications prior to the start of bolting and verify the minimum specified bolt tensions visually and by using a feeler gauge on a few bolts in each connection (10 percent or two bolts, whichever is greater).

For connection using high-strength tension control bolts, Krazan will inspect the surface and bolt type for conformance to plans and specifications prior to the start of bolting and will performed visual inspection on 100% of the high-strength bolts for properly installed tension.

Asphalt Compaction Testing – The inspector will continuously witness placement of hot mixed asphaltic concrete to verify adherence to project specifications for each type of asphalt used. The inspector will record ambient and asphalt temperature and results of in place compaction testing using a nuclear densometer. Samples of the asphaltic concrete will be taken every 400 tons of asphalt placed or at least one sample per day for laboratory testing. Laboratory testing will include maximum theoretical density (rice value) and extraction / gradation. Additional laboratory services are available upon request.

Report Preparation – Krazan & Associates will process both field and laboratory data. A copy of each report will be e-mailed on a weekly basis, as a minimum. As required by the ICC, reports will be distributed to the client, the project architect or engineer and to the building official or as directed by the client. Our inspectors will provide immediate verbal notification of field tests and inspection results to your designated on-site representative and the contractor. The inspector will prepare a written report after each inspection prior to leaving the site. Final reports of field inspections and laboratory analysis will be reviewed by the Krazan & Associates project manager before subsequent submittal to the project team members.

Project Management – The project manager assigned to this project will track inspection data and costs and provide the project design team with status reports when requested. The project manager will oversee and direct all phases of inspections and supervise and direct all Krazan & Associates personnel associated with this project.

## FEE STRUCTURE

We will perform the services listed above on a time and material basis in accordance with our 2021 standard rate schedule. Based on the scope of work described in this proposal and our experience with similar projects, Krazan & Associates estimates the costs for testing and inspection services to be about \$19,437.50. A detailed breakdown of this cost estimate is included as Attachment A. Costs for construction testing and inspection services are highly dependent on contractor's schedule, weather, overlapping of work, additional inspections required by the building official and other factors. Krazan & Associates does not control the work or production rate. Actual costs will vary due to the frequency of scheduling by others. Therefore, the quantities listed in our cost estimate should be considered approximate. The estimate provided herein does not imply a lump sum fee, not-to-exceed fee or a guaranteed maximum price. Consistent with good engineering practice, we will work with the contractor to keep inspection costs at a minimum. If provided with a construction schedule this cost estimate can be further refined and quantified.

## COORDINATION

The above scope of services will be performed when scheduled by the General Contractor or the client's designated representative. Proper scheduling is imperative to the success of the special inspections program. Krazan & Associates cannot take responsibility for work that has not been inspected if we have not been scheduled nor can we take responsibility for delays due to insufficient lead-time in scheduling inspections. We recommend that the person scheduling the inspections contact our office prior to the job starting to discuss required inspection and scheduling procedures.

**CONDITIONS**

1. Additional services requested outside of our stated scope of work will be billed in excess of the estimated amount at our current rates. A price list for these services will be provided upon request.
2. This offer terminates ninety calendar days from the date of issue, unless otherwise stated and agreed.
3. Inspections which are cancelled with less than twenty-four (24) hours' notice, or after an inspector has been dispatched to the project site, will be charged the minimum fee associated with the type of inspection or testing requested.
4. All concrete samples will be cast in 4-inch diameter x 8-inch high molds unless otherwise agreed.
5. Additional samples for contractor convenience testing and/or field cure samples are not included in this estimate.
6. Contractor will provide curing facilities in accordance with ASTM requirements for initial curing (the first 24 hours after specimens are cast) and protection of concrete test specimens on site.
7. Krazan & Associates, as a professional services firm, is typically not subject to the prevailing wage agreements. Should by Federal ruling, our services be subject to prevailing wage rates, this proposal is null and void. A new proposal will be provided to account for additional services and increased wage rates associated with the ruling. This includes any apprenticeship programs, equal opportunity submittals, affirmative action, union referral statements and/or certified payroll. These items were excluded from this proposal.
8. This estimate is based on the assumption that structural steel and wood panels will be fabricated in a local (within a 25-mile radius of an existing Krazan & Associates office) AISC Certified structural steel or ICC wood fabrication facility. Should fabrication occur in a non-certified facility, additional costs for travel, time, mileage and/or per-diem will be charged.

**Attachment A**  
**CONSTRUCTION MATERIAL TESTING & INSPECTION SERVICES**  
 3.5MG Tacoma Point Reservoir  
 Sumner-Tapps Hwy near 16th Street E  
 Bonney Lake, Washington

DESCRIPTION	VISITS	UNITS	RATE	COST
Soil Compaction Testing	10	65 hours	\$75.00	\$4,875.00
Proctor/Sieve Analysis		3 each	\$350.00	\$1,050.00
Concrete Inspection	12	48 hours	\$75.00	\$3,600.00
Concrete Compression Samples		210 each	\$30.00	\$6,300.00
Sample Pickup		10 hours	\$50.00	\$500.00
Asphalt Compaction Verification	1	8 hours	\$75.00	\$600.00
Asphalt Rice Density Analysis		1 each	\$150.00	\$150.00
Asphalt Extraction/Gradation Analysis		1 each	\$350.00	\$350.00
Trip Charge (associated mileage)		23 each	\$35.00	\$805.00
Project Administration (billed at .5 per visit)		11.5 hours	\$105.00	\$1,207.50
<b>TOTAL</b>				<b>\$19,437.50</b>

NOTES: This cost estimate is based on the scope of work and assumptions outlined in our proposal number T21301.1WAT dated June 14, 2021 which are inclusive by reference. A three-hour minimum charge, portal-to-portal charge applies to all inspections. Costs for construction testing and inspection services are highly dependent on contractors schedule; weather, overlapping of work and other factors. Therefore the quantities listed in our cost estimate should be considered approximate. Krazan & Associates does not control the work or production rate. Therefore, the estimate provided above does not imply a lump sum fee, not-to-exceed fee or guaranteed maximum price. This cost estimate does not include overtime, retests, or change in conditions or schedule. Project Administration services will be invoiced at 0.5 hours for each site visit.