



# **CONTRACT AMENDMENT NUMBER 1 TO THE PROFESSIONAL SERVICES AGREEMENT**

## **Geotechnical Report Peer Review**

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This Contract Amendment Number 1 dated this 1st day of January 2024, is entered into by and between the City of Kirkland, a municipal corporation, herein called the "City," and Associated Earth Sciences Incorporated (AESI) hereinafter the "Consultant":

WHEREAS, the City entered into a Professional Services Agreement ("Agreement") with the Consultant on January 10, 2022 for professional Geotechnical Report Peer Review services on the Geotechnical Report Peer Review Project; and

WHEREAS, the City now desires to retain the services of the Consultant and extend the time for performance; and

WHEREAS, the Consultant is qualified, willing, and able to provide and perform the services, if any, as described in this Contract Amendment Number 1; and

WHEREAS, the Third-Party Geotechnical Peer Review services to be performed by the Consultant are temporary in duration.

NOW, THEREFORE, in consideration of the mutual promises and covenants herein contained and of the Professional Services Agreement, and the Request for Additional Funds to be kept, performed, and fulfilled by the respective parties hereto, it is mutually agreed as follows:

### **I. SERVICES BY CONSULTANT**

All services and all duties incidental or necessary thereto, shall be conducted and performed diligently and completely in accordance with professional standards of conduct and performance. The timeframe to perform all services is extended to January 10, 2026.

### **II. COMPENSATION**

- A. The total compensation to be paid to the Consultant for these services shall not exceed \$100,000 for completion of all services described in Attachment A.
- B. The above fees include all labor, materials, and expenses for the completion of the work.

### **III. EXTENT OF AGREEMENT/MODIFICATION**

The Professional Services Agreement, together with Contract Amendment Number 1, represent the entire and completely integrated Agreement between the parties and supersedes all prior negotiations, representations, or agreements either written or oral. Except as modified herein, all provisions within the Agreement shall remain in full force and effect for the services provided under this Amendment. Additional

amendments, modifications, or additions to the Agreement may only be made by written instrument properly signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Contract Amendment Number 1 on the dates written below:

CONSULTANT:

CITY OF KIRKLAND:

Signature: *Bruce Blyton*

Signature: *Julie Underwood*  
Julie Underwood (Mar 12, 2024 17:15 PDT)

Printed Name: Bruce Blyton

Printed Name: Julie Underwood  
(Type City Staff Name)

Title: President, AESI

Title: Deputy City Manager of Operations

Date: Jan 30, 2024

Date: Mar 12, 2024

**ASSOCIATED EARTH SCIENCES, INC.**  
**SCHEDULE OF CHARGES**

Our compensation will be determined on the basis of time and expenses in accordance with the following schedule unless a lump sum amount is so indicated in the proposal or services agreement. Current rates are as follows:

**Personnel Charges - Engineers, Hydrogeologists, Geologists, Geophysicists, and Scientists**

Senior Principal.....	\$305.00/hour
Principal.....	\$285.00/hour
Senior Associate.....	\$260.00/hour
Associate .....	\$240.00/hour
Senior.....	\$230.00/hour
Senior Project.....	\$215.00/hour
Project .....	\$185.00/hour
Senior Staff.....	\$160.00/hour
Staff.....	\$140.00/hour
Legal Testimony (4 hour minimum).....	\$400.00/hour

**Personnel Charges - Technicians**

Senior Field Technician .....	\$135.00/hour
Senior Field Technician Overtime .....	\$160.00/hour
Technician .....	\$120.00/hour
Technician Overtime .....	\$140.00/hour

**Personnel Charges - Technical Support Staff**

Senior Geographic Information Services (GIS) Analyst.....	\$170.00/hour
Geographic Information Services (GIS) Analyst .....	\$150.00/hour
Drafting and Graphics Specialist.....	\$130.00/hour
Project Assistant.....	\$120.00/hour
Technical Editor .....	\$110.00/hour
Administrative Staff.....	\$90.00/hour

**Technology Fee**

A one-time technology fee of **\$150** will be applied to the first invoice. This fee reflects costs for software subscriptions/licenses, network data storage and connectivity, and information security that are not included in hourly rates or direct expenses.

**Other Direct Expenses**

Per Diem.....	To be established on a project basis
Subcontractors and Miscellaneous Expenses .....	cost plus 15%
ArcGIS Online Viewer License .....	\$150.00/year
Bank/Wire Service Fees .....	\$25.00/unit
Field Report Processing and Archiving.....	\$25.00/each
Mileage .....	Federal Reimbursable Rate + 15%

**Equipment Charges***Groundwater Monitoring*

Barometer Data Logger.....	\$50.00/month
Water Level Data Logger.....	\$75.00/month
Water Level Data Logger Installation.....	\$35.00/each
Water Level Meter.....	\$25.00/day

*Field Investigations*

Aquifer Testing.....	\$300.00/day
Flow Meter.....	\$25.00/day
Geotechnical Exploration.....	\$60.00/day
Turbidimeter.....	\$35.00/day
Slope Indicator.....	\$850.00/day
Water Quality Sampling.....	\$250.00/day
Well Development.....	\$150.00/day

*Streamflow Monitoring*

Swoffer Streamflow Monitoring.....	\$35.00/day
FlowTracker Streamflow Monitoring.....	\$250.00/day

*Geophysics*

Vibration Monitoring Equipment.....	\$90.00/day
.....	\$2,000/month
Geophysics - 24-Channel Geophones.....	\$650.00/day
Geophysics - SmartSolo Three Channel Sensor System.....	\$440.00/day

*Other*

Aerial Drone Equipment (certified drone operator charged separately) .....	\$250.00/day
Satellite Phone.....	\$50.00/day

**Laboratory Charges**

Atterberg Limit.....	\$200.00/test
Constant Head Permeability (ASTM D2434-68).....	\$550.00/test
Ethylene Glycol Test (3 rock minimum).....	\$200.00/test
Fractured Face Count (AASHTO T-335).....	\$125.00/test
Hydrometer.....	\$210.00/test
Moisture Content.....	\$25.00/test
Organic Content.....	\$100.00/test
Percent Passing #200.....	\$125.00/test
Permeability (Falling Head).....	\$250.00/test
Proctor ASTM D-1557 and ASTM D-698.....	\$300.00/test
Sand Equivalent.....	\$125.00/test
Sieve with Wash #200.....	\$250.00/test
Specific Gravity + #4.....	\$125.00/test
Specific Gravity - #4.....	\$150.00/test
Unit Weight.....	\$80.00/test
Void Ratio.....	\$125.00/test

**Additional or Miscellaneous Charges**

Unlisted equipment rental, laboratory tests, fees, and supplies will be provided on a project basis.










# PSA Contract Extension AESI Fee Schedule 2024 #32400027

Final Audit Report

2024-03-15

Created:	2024-01-30
By:	Prins Cowin (pcowin@kirklandwa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAA7qDiZecthxeGK6a5xAek0hiQOzLBfLj3

## "PSA Contract Extension AESI Fee Schedule 2024 #32400027" History


-  Document created by Prins Cowin (pcowin@kirklandwa.gov)  
2024-01-30 - 7:34:34 AM GMT- IP address: 50.47.229.18
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2024-01-30 - 7:36:07 AM GMT
-  Email viewed by Bruce Blyton (bblyton@aesgeo.com)  
2024-01-30 - 5:04:13 PM GMT- IP address: 50.47.76.250
-  Document e-signed by Bruce Blyton (bblyton@aesgeo.com)  
Signature Date: 2024-01-30 - 5:05:04 PM GMT - Time Source: server- IP address: 50.47.76.250
-  Document emailed to Prins Cowin (pcowin@kirklandwa.gov) for approval  
2024-01-30 - 5:05:06 PM GMT
-  Email viewed by Prins Cowin (pcowin@kirklandwa.gov)  
2024-01-30 - 10:33:30 PM GMT- IP address: 76.191.73.2
-  Document approved by Prins Cowin (pcowin@kirklandwa.gov)  
Approval Date: 2024-01-30 - 10:53:42 PM GMT - Time Source: server- IP address: 76.191.73.2
-  Document approval automatically delegated to Darcey Eilers (Deilers@kirklandwa.gov) by Leta Santangelo (LSantangelo@kirklandwa.gov)  
2024-01-30 - 10:53:43 PM GMT
-  Document emailed to Darcey Eilers (Deilers@kirklandwa.gov) for approval  
2024-01-30 - 10:53:44 PM GMT

 Email viewed by Darcey Eilers (Deilers@kirklandwa.gov)

2024-03-08 - 10:14:13 PM GMT- IP address: 76.191.73.2

 Document approved by Darcey Eilers (Deilers@kirklandwa.gov)

Approval Date: 2024-03-12 - 10:52:30 PM GMT - Time Source: server- IP address: 76.191.73.2

 Document emailed to Julie Underwood (junderwood@kirklandwa.gov) for signature


2024-03-12 - 10:52:31 PM GMT

 Email viewed by Julie Underwood (junderwood@kirklandwa.gov)


2024-03-13 - 0:15:12 AM GMT- IP address: 50.47.255.56

 Document e-signed by Julie Underwood (junderwood@kirklandwa.gov)


Signature Date: 2024-03-13 - 0:15:51 AM GMT - Time Source: server- IP address: 50.47.255.56

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2024-03-13 - 0:15:52 AM GMT

 Document emailed to JamieLynn Estell (jestell@kirklandwa.gov) for delivery

2024-03-13 - 0:15:53 AM GMT

 Document emailed to Kathi Anderson (kanderson@kirklandwa.gov) for delivery

2024-03-13 - 0:15:53 AM GMT

 Email viewed by Kathi Anderson (kanderson@kirklandwa.gov)

2024-03-15 - 3:26:15 PM GMT- IP address: 76.191.73.2

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Receipt Acknowledgement Date: 2024-03-15 - 3:26:21 PM GMT - Time Source: server- IP address: 76.191.73.2

 Agreement completed.

2024-03-15 - 3:26:21 PM GMT