



<b>Supplemental Agreement Number</b> <u>01</u>		Organization and Address David Evans and Associates, Inc. 14432 SE Eastgate Way, Suite 400 Bellevue, WA 98007	
Original Agreement Number 10322		Phone: 425.519.6500	
Project Number 2311-096-02, STBGUL 1905(007)		Execution Date	Completion Date 12/31/2025 <input type="checkbox"/>
Project Title West Lake Sammamish Parkway Preservation		New Maximum Amount Payable \$ 506,685	
Description of Work Construction services including engineering, construction administration, management, and inspection.			

The Local Agency of City of Redmond  
desires to supplement the agreement entered into with David Evans and Associates, Inc.  
and executed on 09/25/2023 and identified as Agreement No. 10322

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

**I**

Section 1, SCOPE OF WORK, is hereby changed to read:  
see attached exhibit A

**II**

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for  
completion of the work to read: 12/31/2025

**III**

Section V, PAYMENT, shall be amended as follows:  
see attached exhibit D

as set forth in the attached Exhibits, and by this reference made a part of this supplement.

If you concur with this supplement and agree to the changes as stated above, please sign in the appropriate spaces  
below and return to this office for final action.

By: \_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_  
Consultant Signature

\_\_\_\_\_  
Approving Authority Signature

\_\_\_\_\_  
Date

**West Lake Sammamish Parkway Preservation**

**Agreement Number** 10322

**Agreement History**

Supplement Number	Date	Amount	New Maximum Amount Payable	Supplement Reason
Original	9/27/2023	\$256,685	N/A	N/A
1	9/17/2024	\$250,000	\$506,685	Construction Support

# **EXHIBIT A**

## **SCOPE OF SERVICES**

### **SUPPLEMENT NO. 1**

#### **CITY OF REDMOND**

#### **West Lake Sammamish Parkway Preservation Project (North of Marymoor Way to Leary Way)**

**Federal Aid No. STBGUL 1905(007)  
(Project # 20012311)**

**Prepared by:**

**David Evans and Associates, Inc.  
14432 SE Eastgate Way, Suite 400  
Bellevue, WA 98007**

**May 22, 2024**

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## TASK 1.0 PROJECT DESCRIPTION, DESIGN CRITERIA, AND DELIVERABLES

### 1.1. Project Description

Supplement No. 1 modifies the Original Agreement dated September 25, 2023, with the following revisions: construction engineering support and construction management support.

The City of Redmond (CITY) is requesting David Evans and Associates, Inc. (CONSULTANT) to provide construction engineering support and construction management (daily inspections, materials testing, and construction documentation services for the West Lake Sammamish Parkway Preservation (PROJECT). The project includes construction of approximately 2,900 linear feet of pavement preservation on West Lake Sammamish Parkway, including but not limited to pavement grinding, full depth HMA repair, HMA paving, traffic signal loop replacement, striping, storm drain and maintenance hole frame and grate/cover replacement, traffic control, and other work necessary to complete the Project. The project limits are from the north of Marymoor Way to Leary Way intersections.

For purposes of this agreement, the term CONSULTANT refers to the collective efforts of the following firms:

Firm Name	UDBE Certified
David Evans and Associates, Inc. (DEA)	No
Concord Engineering (CE)	Yes
HWA Geosciences (HWA)	Yes

DEA shall be the prime CONSULTANT, with Concord Engineering and HWA Geosciences contracted to DEA as a SUBCONSULTANTS.

This scope of services describes the Task Elements to be accomplished by the CONSULTANT as summarized under each task element. This scope consists of the following task elements:

- Task 2.1 – Project Management
- Task 2.2 – Subconsultant Coordination
- Task 2.3 – Monthly Invoices/progress Report
- Task 2.4 – Quality Control/Quality Assurance Review
- Task 10.2 – Project Construction Setup
- Task 10.1 – Construction Engineering Support
- Task 10.2 – Project Construction Setup
- Task 10.3 – Construction Administration Support
- Task 10.4 – Construction Inspection Support
- Task 10.5 – Materials Testing and Inspection
- Task 10.6 – Project Construction Closeout
- Task 10.7 – Optional Services

### 1.2. Project Deliverables Furnished by the CONSULTANT

The CONSULTANT shall maintain a project file for pertinent work items. The CITY review sets will be returned with each subsequent revision, illustrating that each review comment has been addressed as stated, or how/why it was not addressed. The CONSULTANT shall deliver the following documents and products to the CITY as part of this agreement:

- Record of Materials (ROM)

- Materials Testing Results
- Record Drawings
- Request for Information (RFI) responds

#### 1.4 Project Assumptions

- The attached budget for the construction management services detailed below is based on reach physical complete status. CITY has included an additional 20-working days for project setup prior to construction and resolve punch list items and reach Physical Complete status. Total project duration is 60-working days.
- Construction engineering services will extend beyond 60-working days for record drawing services.
- The construction management services budget is based on a work week of 5 days. Multiple shifts, night, and weekend work may be required for certain work activities, and inspection with be staggered as necessary to cover those hours as needed.
- The budget allocations shown on Exhibit D are itemized to aid in PROJECT tracking purposes only. The budget may be transferred between tasks or people, or between labor and expenses, provided the total contracted amount is not exceeded without prior authorization. CONSULTANT shall inform CITY in writing monthly of any budget transfers between tasks.
- The budget assumes construction documentation will be prepared using CITY and/or WSDOT forms from the Local Agency Guidelines (LAG) Manual.
- The CITY will prepare and send a signed Notice to Proceed Letter to Contractor.
- Independent Quality Assurance Materials acceptance and testing is included in this contract and will be managed by the CONSULTANT. The Contractor is responsible for its own quality control testing of construction materials.
- CITY will manage coordination between the Contractor, CONSULTANT, CITY staff, and other key project stakeholders.
- Project duration is assumed to be 4 months.

## TASK 2.0 PROJECT ADMINISTRATION AND MANAGEMENT SERVICES

### 2.1 Project Management

Direction of the CONSULTANT staff and review of their work over the course of the project shall be provided. This work element includes preparing monthly progress reports, status of individual work elements, number of meetings attended, outstanding information required, and work items planned for the following month.

Periodic monitoring of the CONSULTANT'S design budget will occur over the course of the project. This work element is intended to help monitor costs and budgets, and to propose corrective actions. These actions may include formal requests for increases, modifications, or reductions in scope and/or budget.

Drawings and documents received and generated over the course of the project require review, coordination, and file management. The status of requested information will also be maintained.

### 2.2 Subconsultant Coordination

The CONSULTANT (DEA) shall provide direction of the SUBCONSULTANT and review of their work over the course of the project shall be provided by the CONSULTANT (DEA). Monthly monitoring of the SUBCONSULTANT's design budget will occur over the course of the project. Current status, as well as projections, will be developed. This work element is intended to help monitor costs and budgets, and to

propose corrective actions. These actions could include formal requests for increases, modifications, or reductions in scope and/or budget.

## 2.4 Monthly Invoices/Progress Reports

Monthly invoices will be prepared by the CONSULTANT per CITY requirements for work activities for the prior month. These invoices shall also include SUBCONSULTANT work and will be accompanied by monthly progress reports. Invoices will include back-up material for all expenses and will show approved budget and amount expended to date.

### Deliverables:

- Monthly Invoices and Progress Reports (4 total)

## TASK 11.0 CONSTRUCTION SUPPORT SERVICES

### 11.1 Construction Engineering Support

The CONSULTANT shall provide construction engineering support at the CITY's request during construction phase of the project. Construction engineering support applies to the CONSULTANT design team (DT) involved in the preparation of construction contract documents under the Original Agreement.

Construction Engineering Support Services will include the following:

- **Pre-Construction Meeting:** The CONSULTANT DT (up to two {2} staff) will attend one (1) kick-off meeting with the prime contractor, CITY and SUBCONTRACTOR's.
- **Construction Meetings:** The CONSULTANT DT will attend construction meetings as requested. This task assumes four (4) total meetings will be attended by CONSULTANT DT.
- **Review Selected Shop Drawings Submittal:** The CONSULTANT DT will review and recommend action on selected Contractor submittals and shop drawings as requested by the CITY. Anticipated submittals will include work plans, fabrication submittals, and material approvals. The effort for this task is for input/support of Contractor's submittals to the CITY and will be limited to the effort shown in the Fee Proposal. This task assumes four (4) submittals.
- **Requests for Information (RFIs)/Design Clarifications:** At the CITY's request, the CONSULTANT DT may be asked to help the CITY in answering CONTRACTOR's RFIs. The task assumes that five (5) RFIs will be reviewed.
- **Pavement Repair Observations:** At the CITY's request, the CONSULTANT DT shall observe and provide recommendations for unanticipated pavement repairs encountered during construction. The level of effort for this item is eight (8) hours.

### Deliverables:

- Responses to Contractor Submittals
- Responses to RFIs

### 11.2 Project Construction Setup

The CONSULTANT shall provide project setup services to include the following:

- CONSULTANT shall provide and maintain a document controls structure with CITY's project SharePoint-based file management to coordinate between CITY, Contractor, CONSULTANT, and CITY's approved 3rd party stakeholders. All electronic files will be stored on the CITY's project SharePoint web-based collaborative platform.

- CONSULTANT shall prepare the Record of Materials (ROM) tracking spreadsheet.
- CONSULTANT shall prepare tracking spreadsheets for submittals, RFI's, Change Orders, and Serial Letters.
- CONSULTANT shall review and approve Request to Sublet documentation from subcontractors.
- CONSULTANT shall attend the pre-construction meeting and assist CITY with the following:
  - Preparation of Pre-Construction agenda.
  - Preparation and distribution of Pre-Construction meeting minutes.

### 11.3 Construction Administration / Management Support

The CONSULTANT shall provide documentation and record keeping in compliance with CITY and WSDOT Local Agency Guidelines (LAG) requirements. The CONSULTANT's standard practice is that record keeping will be consistent with WSDOT LAG Manual.

- CONSULTANT shall assist the CITY with the potential WSDOT Local Programs' Project Management Review (PMR) Audit (WSDOT Form 272-024). The CONSULTANT shall arrange records documentation/file for PMR audit and attend PMR. These documents/records may include, but not be limited to:
  - Inspector's Daily Reports (IDR's) – Includes management and coordination of all daily reports for the project team.
  - Updated contract documents, including drawings, addenda, proposal, general provisions, special provisions, submittals and change orders.
  - Test reports and material records documentation.
  - Transmittal records.
  - Weekly Statements of Working Days.
  - Pay Requests and FNR's.
  - Submittals and Request for Information.
  - Construction Contractor payment requests and prevailing wage certifications.
  - Copies of Contractor required permits.
  - Change Orders and associated documents.
  - Construction correspondence.
  - Project photographs.
  - Contractor provided Emergency Contact List.
  - Complete PMR Audit checklist.

WSDOT LAG Manual and CITY forms will be used for records and reporting procedures. At completion of the work, and prior to final acceptance, provide CITY with all completed field books, project daily reports, summary tabulations of all schedules of value (SOVs) calculations, all field notes, and other job records as listed (electronic files).

- CONSULTANT shall attend pre-construction meeting and weekly project progress meetings and provide the following:
  - Prepare weekly progress meeting agenda.
  - Prepare and distribute weekly progress meeting minutes.
- Change Management/Control consisting of the following:
  - Prepare scope of change.
  - Document/log project impact.



- Assist in preparation of independent estimates, as necessary, for change orders.
- Facilitation of resolution of change orders.
- Package final change orders with all agreed upon documents and back-up for final signatures by all required parties.
- Maintain a Record of Materials (ROM) that will log all construction Contractor submittals, materials testing requirements, and verify receipt of Certified Materials Origin documentation, as required.
- Review project records on an ongoing basis to monitor proper approval of all materials incorporated into the project.
- Document Control
  - Collect, organize, and prepare documentation for the project and maintain CITY's project SharePoint site.
  - Log and maintain RFI's, Submittals, Working Days Reports, DBE Tracking documentation, training, RAMs, Serial Letters, correspondence, meeting notes, Request to Sublet, Contractor certified payroll, and project documents.
- Review CONTRACTOR-submitted requests for approval of material (RAM) sources and Qualified Products List (QPL) Data Sheets to determine compliance with Contract documents. Contractor will be directed to submit separate RAM forms for each bid item.
- Maintain files for individual bid item compliance for material documentation.
- Collect test reports from materials testing labs for compliance with the information given in the contract documents.
- Collect Manufacturer's Certificates of Compliance and Certificates of Material Origin for Steel and Iron materials being permanently incorporated into the project.
- Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by the construction Contractor and prepare necessary documentation of material substitutions.
- Review, monitor, and comment on the Contractor's compliance with construction schedule based upon updates submitted by the Contractor. The CITY will coordinate and negotiate time extensions requested by the Contractor
- Track materials approval (RAMs, QPLs, shop drawings, Certificates of Compliance, etc.) and material acceptance (inspected stamps, materials tests, visual variation forms) for each bid item for which there are materials.
- Collect scale certifications.

The CONSULTANT CM shall assist the CITY with the following tasks and preparation of documents, as needed:

- **Change Orders (COs):** At the CITY's request, the CONSULTANT DT will assist the CITY in reviewing change order proposals and developing required information for COs. Work may include preparation of drawings and supporting information.
- **Serial Letters (SLs):** At the CITY's request, the CONSULTANT will assist in reviewing serial letters and developing required responses.

- **Field Construction Modification:** Assist the CITY with requests where field construction modifications or additions are requested and provide design technical assistance to field personnel.
- **Site Visits:** CONSULTANT will visit the site when requested by CITY to evaluate design issues
- **Claims/Protests:** Monitor the project for potential claims or protests by the construction Contractor and notify the project team and CITY of potential claims. The CONSULTANT will help the CITY, and the CITY will resolve conflicts and negotiate with CONTRACTOR.
- **Liquidated Damages:** Review and make recommendations to the CITY concerning assessment of liquidated damages, if applicable.

**Assumptions:**

- The CITY will schedule, organize, and facilitate the project Preconstruction Conference with the assistance of the CONSULTANT. The CITY will provide the meeting facility and establish the meeting date. If it is not possible for the Preconstruction Conference to be held in person, a virtual meeting via Microsoft Teams will be established by the CITY for all to attend remotely. The CITY will prepare the meeting agenda. The CONSULTANT will have the responsibility for taking meeting minutes. The CONSULTANT will be responsible for collecting all meeting minutes and noting them on a revised Agenda and distributing a PDF version to all attendees for review and comment. The CONSULTANT will prepare a final version of the agenda/meeting minutes document for the CITY records.
- The CITY will collect and check certified payrolls.
- The CITY will conduct the check on subcontractors (debarments, active licenses, etc.)
- The CITY will collect Notice of Intent to Pay Prevailing Wage and Affidavit of Wages Paid for contractors and subcontractors.

**Deliverables:**

- Material Submittal and Shop drawing submittals will be returned electronically in PDF format via email with comments written directly on the submittal documents and/or accompanied by a memorandum, if required
- Written responses to RFIs will be returned electronically in PDF format via email to the Contractor
- Compiled as-built record drawings
- Reviewed submittals/RFIs/RAMs
- Change Orders
- Serial Letters
- RFI/RAM and Submittal Tracking Logs
- Change Order Log
- Certified Payroll Tracking Log
- Serial Letter Log
- Prepare and distribute Weekly Statements of Working Days reports
- Subconsultant Requests to Sublet Tracking Log
- Meeting Agenda/Minutes
- Maintain ROM
- Review comments on Type B Progress Schedule

## 11.4 Construction Inspection Support

CONSULTANT will provide an on-site Construction Inspection to observe and verify by measurements the technical conduct of the construction, monitor compliance in the CITY's interest with issuance of field memos and non-conformance documentation as appropriate, including day-to-day contact with the CONTRACTOR, CITY, adjacent property, and business owners, third party utilities, and the public to monitor adherence to the Contract Documents.

The Construction Inspector will not be responsible for the means, methods, techniques, or procedures of the construction selected by the Construction Contractor(s) or for any failure of Construction Contractor(s) to comply with laws, ordinances, rules, or regulations applicable to the construction work. The parties recognize that the construction Contractor(s) is responsible for ensuring that construction is in accordance with the plans and specifications. However, the Construction Inspector is responsible for documenting for the record the contractors means and methods during construction.

Additionally, the CONSULTANT shall provide the following services:

- Observe and document the prosecution of the work including documentation of crews, equipment, and placement of materials. Verify and monitor the Contractor's adherence to all contract requirements including their approved quality, inspection, and testing plans and provide daily documentation of work and non-conformance/corrective action issues and actions taken.
- Inspectors Daily Report (IDR). Prepare daily construction inspection reports detailing the following; the Construction Contractor's operations performed for each day, record decisions and observations of a general or specific nature in chronological order. Measurement of quantities of materials installed for detailed Field Note Record (FNR)'s, log equipment and staff used, and other related items.
  - Verify in the daily report that the Contractor is working with the proper traffic control plan.
  - Document work being done on a disputed basis and create force account documentation as needed.
  - Verify that all material approvals, submittals and workplans are in place per contract, prior to material being used on site.
  - Verify subcontractors on-site have approved Request to Sublet.
- Prepare FNR's for bid items inspected and assist in review of contractor's pay estimates by reviewing quantities for payment.
  - Document CITY-authorized or CONTRACTOR disputed work being done on a force account basis.
- Monthly Pay Estimates - Work with CITY's team to:
  - Create in coordination with Contractor the monthly Contractor progress payment estimates. Compile all field note record (FNR) back-up by bid item per CITY and WSDOT LAG procedures.
  - Compile all FNR's and bid item payment calculations and review/verify quantities
  - Package final pay estimate documents and route to CITY Project Manager for final signatures/payment to Contractor.
- Attend daily pre-activity safety meetings, progress, and construction meetings.
- Coordinate daily during active construction with Contractor Erosion Sediment Control (ESC) Lead to verify that Temporary Erosion Sediment Control (TESC) preventative measures are in place and compliant with project requirements.
- Monitor, document, and calculate force account work based on WSDOT/AGC Blue Book Rental Agreement or equivalent means for determination of rates.

- Collect and tabulate all quantity delivery tickets.
- Conduct on-site wage rate interviews of CONTRACTOR employees and subconsultant(s), and upload to SharePoint for the City’s use in reviewing certified payrolls.
- Conduct DBE/UDBE/FSBE Commercially Useful Function On-Site Review of Contractor and subconsultant(s)
- Coordinate testing and inspection with materials testing subconsultant (HWA Geosciences). Coordinate, report, and log the results for field sampling, field testing, and laboratory testing of Hot Mix Asphalt (HMA) and other materials requiring acceptance testing in accordance with WSDOT procedures as specified on the project ROM to determine compliance of those materials with construction contract requirements. In those instances where unsatisfactory test results are obtained, follow through with notification of the construction contractor and retesting of the materials after corrections are made.
- Verify that the acceptance sampling and testing frequencies reflect the actual quantities used.
- Identify issues which impact the quality and acceptability of material furnished, work performed, and rate of progress of work performed by the Contractor; and document in IDR.
- Provide daily construction/progress photographs during the course of construction, to document progress of the work, material acceptance, and job site conditions encountered.
  - Include review of the requests for extension of time by the construction Contractor. Include recommendation for assessment of liquidated damages, if applicable.
  - Perform a final review and inspection of the construction work and prepare a final list of items to be corrected (“punch-list”).
  - After substantial completion of the project, verify completion of the punch list.
- Record drawings
  - Review the construction Contractor’s Record Drawings on a bi-weekly basis (and upon completion of major tasks) to verify posted changes.

**Assumptions:**

- Construction Inspector will typically work an 8-hour day but may need to adjust based on contractor's work schedule.

**Deliverables:**

- Inspectors Daily Reports with photographs. (Electronic Copy)
- Field Note Records (FNR’s)
- On-site Wage Rate Interview
- DBE/UDBE/FSBE Commercially Useful Function On-Site Review of Contractor and Subconsultant
- Daily photographs (Electronic Copy)
- Punch List

**11.5 Materials Testing**

CONSULTANT shall provide the following services for this work item.

- Materials Testing/Specialty Inspection will be provided by Subconsultant, HWA Geosciences.
- Coordinate, sample, test, report, and log the results for field sampling, field testing, and laboratory testing of soils, aggregates, concrete, HMA and other materials requiring acceptance testing in

accordance with WSDOT procedures as specified on the project ROM to determine compliance with contract requirements.

- Testing of HMA placement and compaction (minimum one test per 100 tons)
- Sample (in field) and test (in field or in laboratory) all materials in accordance with the project ROM. Expected materials to be sampled and tested include but are not limited to:
  - Sampling of Hot Mix Asphalt (HMA) aggregate for acceptance and oil at the plant for ignition oven correction factor.
  - Sampling and testing HMA during paving for Rice density, extraction, and gradation (minimum: one test sample per 1000 tons).
- Provide all field reports for site visits and laboratory reports of all materials tested.

**Deliverables:**

- Laboratory & Field Sampling and/or Testing Reports including:

**11.6 Project Construction Close Out**

CONSULTNAT will utilize the CITY’s SharePoint site to electronically save all documentation on an on-going basis throughout the duration of the project. The CONSULTANT shall provide the following services for project closeout:

- Punch List(s) and Physical Completion(s)
  - Upon substantial completion of various phases of work, coordinate with the CITY and other affected agencies, to perform a project inspection and develop a ‘punch list’ of items to be completed. Following issuance of substantial completion, inspection and administrative services will be provided on punch list items required for final completion as follows:
    - Assemble and issue final punch list items for final/physical completion.
    - CONSULTANT DT shall support inspector(s) as needed for observing punch list work.
- Project closeout, formal acceptance, review, and recommendation
- Make recommendations to the CITY concerning operational acceptance, substantial completion, physical completion, and final acceptance of the work.

**Assumptions:**

- Project Record Document archiving to be completed by CITY.

**11.7 Record Drawings**

The CONSULTANT DT shall prepare Record Drawings at the completion of the project. The CITY will provide Contractor-prepared marked-up drawings, inspector’s field notes, and other available information. The CONSULTANT DT shall use these materials to prepare the Record Drawings. Record Drawings shall be prepared in accordance with the CITY’s “Record Drawing Requirements.”

**Deliverables:**

- Phase I Record Drawings for Engineering Review (22”x34” [PDF format]).
- Phase II Record Drawings GIS Review - (22”x34” [PDF format], Digital CAD file [uploaded on CITY's Project Sharepoint site], Digital Submittal Checklist [PDF format]).
- Phase III Record Drawings for Final Submittal (Searchable PDF format), Individual Record Drawings in TIFF format (uploaded on CITY's Project Sharepoint site).
- One Composite DWG file (electronic).

**Exhibit D**  
**City of Redmond**  
**West Lake Sammamish Parkway Preservation**

**David Evans and Associates, Inc.**

Classification	Hrs.	x	Negotiated Rate	=	Cost
1 Project Manager V	50		\$ 300.94		\$15,047
2 Project Manager V	20		\$ 312.61		\$6,252
3 Engineer III (ENG3)	100		\$ 147.16		\$14,716
4 Project Manager I	210		\$ 118.64		\$24,914
5 Construction Manager	210		\$ 234.84		\$49,317
6 Project Coordinator III (PJC3)	10		\$ 121.01		\$1,210
7 Project Accountant IV (PAC4)	10		\$ 139.25		\$1,393
8 Construction Inspector	500		\$ 121.62		\$60,808
<b>Total Hrs.</b>					<b>1110</b>

<b>Salary Cost</b>					<b>\$ 173,655</b>
<b>Salary Escalation Cost (estimated)</b>					
<b>Escalation - % of Labor Cost</b>	0%	per year @	0	year(s)	\$0
<b>Total Salary Cost</b>					<b>\$ 173,655</b>

Direct Expenses	No.	Unit	Each	Cost
<b>Reproduction Costs</b>				
Full-Size Plans	1	sets @	\$100 /set	\$ 100.00
Half-Size Plans	0	sets @	\$50 /set	\$ -
Specifications	0	sets @	\$50 /set	\$ -
Mail/Deliveries/Fed Ex	2	@	\$50 /each	\$ 100.00
Mileage	2000	miles @	\$0.670 /mile	\$ 1,340.00
<b>Subtotal</b>				<b>\$ 1,540</b>

**David Evans and Associates Total** **\$ 175,195**

Subconsultants	DBE	Hrs	\$ Total
HWA GeoSciences Inc.	11.58%	190	\$ 28,938
Concord Engineering	9.46%	130	\$ 23,648
<b>Total</b>	<b>21.0%</b>	<b>320</b>	
<b>Subconsultant Total</b>			<b>\$ 52,586</b>

**Direct Expenses Sub-Total (including Subconsultants)** **\$ 54,126**

**Total Costs** **\$ 227,782**

**Management Reserve Fund (10%)** **\$ 22,218**

**Total Costs with Management Reserve Fund** **\$ 250,000**

**Exhibit D**  
**City of Redmond**  
**West Lake Sammamish Parkway Preservation**

David Evans and Associates, Inc.

Work Element #	Work Element	1	2	3	4	5	6	7	8	DEA Total hrs	DEA Total \$
		Project Manager V	Project Manager V	Engineer III (ENG3)	Project Manager I	Construction Manager	Project Coordinator III (PJC3)	Project Accountant IV (PAC4)	Construction Inspector		
		Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs		
<b>2.0</b>	<b>Project Management and Coordination</b>										
2.1	Project Management	15					5	5		25	\$5,815
2.2	Subconsultant Coordination				10					10	\$1,186
2.4	Monthly Invoices/Progress Reports	5					5	5		15	\$2,806
2.6	Quality Control/Quality Assurance Review		20							20	\$6,252
	<b>Work Element 2.0 Total</b>	20	20		10		10	10		70	\$16,060
<b>10.0</b>	<b>Optional Service</b>										
10.1	Construction Engineering Support	10		50						60	\$10,367
10.2	Project Construction Setup				40	40				80	\$14,139
10.3	Construction Administration / Management Support				130	140				270	\$48,300
10.4	Construction Inspection Support								450	450	\$54,727
10.5	Materials Testing										
10.6	Project Construction Close Out	10			30	30			50	120	\$19,694
10.7	Record Drawings	10		50						60	\$10,367
	<b>Work Element 10.0 Total</b>	30		100	200	210			500	1040	\$157,595
	<b>EXPENSES</b>										\$1,540
	<b>SALARY ESCALATION</b>										
<b>PROJECT WORK ELEMENTS TOTALS</b>		50	20	100	210	210	10	10	500	1110	\$175,195

**Exhibit E  
City of Redmond**

West Lake Sammamish Parkway Preservation

**HWA GeoSciences Inc.**

<b>Classification</b>		<b>Hrs.</b>	<b>x</b>	<b>Negotiated Rate</b>	<b>=</b>	<b>Cost</b>
1	Geotechnical Engineer VIII	20		\$ 294.46		\$5,889
2	Geologist IV	15		\$ 192.04		\$2,881
3	Geologist II	150		\$ 112.02		\$16,804
4	Contracts	5		\$ 108.82		\$544
<b>Total Hrs.</b>		<b>190</b>				

**Salary Cost** \$ **26,118**

**Salary Escalation Cost (estimated)**

Escalation - % of Labor Cost 0% per year @ 0 year(s) \$0

**Total Salary Cost** \$ **26,118**

<b>Direct Expenses</b>	<b>No.</b>	<b>Unit</b>	<b>Each</b>	<b>Cost</b>
HMA Oven Correction Factor	<span style="background-color: yellow;">3</span>	@	<span style="background-color: yellow;">\$160</span> /ea	\$ 480.00
HMA Rice Density/Extraction/Gradati	<span style="background-color: yellow;">4</span>	@	<span style="background-color: yellow;">\$385</span> ea	\$ 1,540.00
Nuke Gauge Rental	<span style="background-color: yellow;">10</span>	@	<span style="background-color: yellow;">\$50</span> /day	\$ 500.00
Mileage	<span style="background-color: yellow;">450</span>	miles @	<span style="background-color: yellow;">\$0.670</span> /mile	\$ 300.00
<b>Subtotal</b>				<b>\$ 2,820</b>

**HWA GeoSciences Inc. Total** \$ **28,938**



**Exhibit E**  
**City of Redmond**  
**West Lake Sammamish Parkway Preservation**

HWA GeoSciences Inc.

Work Element #	Work Element	1	2	3	4	5	HWA Total hrs	HWA Total \$	% of Total Hours
		Geotechnical Engineer VIII	Geologist VI	Geologist II	Contracts	Contracts			
		Total hrs	Total hrs	Total hrs	Total hrs	Total hrs			
<b>2.0</b>	<b>Project Management and Coordination</b>								
2.1	Project Management	10	5		5		20	\$4,449	10.53%
2.2	Subconsultant Coordination								
2.4	Monthly Invoices/Progress Reports								
2.6	Quality Control/Quality Assurance Review								
	<b>Work Element 2.0 Total</b>	10	5		5		20	\$4,449	10.53%
<b>10.0</b>	<b>Optional Service</b>								
10.1	Construction Engineering Support	10					10	\$2,945	5.26%
10.2	Project Construction Setup		10				10	\$1,920	
10.3	Construction Administration / Management Support								
10.4	Construction Inspection Support								
10.5	Materials Testing			150			150	\$16,804	
10.6	Project Construction Close Out								
10.7	Record Drawings								
	<b>Work Element 10.0 Total</b>	10	10	150			170	\$21,669	89.47%
	<b>EXPENSES</b>							\$2,820	
	<b>SALARY ESCALATION</b>								
<b>PROJECT WORK ELEMENTS TOTALS</b>		20	15	150	5		190	\$28,938	57.89%

**Exhibit E**  
**City of Redmond**  
**West Lake Sammamish Parkway Preservation**

**Concord Engineering**

<b>Classification</b>		<b>Hrs.</b>	<b>x</b>	<b>Negotiated Rate</b>	<b>=</b>	<b>Cost</b>
1	Senior Engineer 7/QC	0		\$ 250.45		\$0
2	Senior Engineer 6	55		\$ 233.26		\$12,829
3	Associate Engineer 6	50		\$ 157.15		\$7,857
4	Assistant Engineer 5	20		\$ 117.86		\$2,357
5	Project Coordinator 3	5		\$ 92.08		\$460
Total Hrs.		130				

**Salary Cost** **\$ 23,504**

**Salary Escalation Cost (estimated)**  
 Escalation - % of Labor Cost 0% per year @ 0 year(s) \$0  
**Total Salary Cost** **\$ 23,504**

<b>Direct Expenses</b>	<b>No.</b>	<b>Unit</b>	<b>Each</b>	<b>Cost</b>
Mileage	215	miles @	\$0.670 /mile	\$ 144.10
<b>Subtotal</b>				<b>\$ 144</b>

**Concord Engineering Total** **\$ 23,648**

**Exhibit E**  
**City of Redmond**  
**West Lake Sammamish Parkway Preservation**

Concord Engineering

Work Element #	Work Element	1	2	3	4	5	CE Total hrs	CE Total \$	% of Total Hours
		Senior Engineer 7/QC	Senior Engineer 6	Associate Engineer 6	Assistant Engineer 5	Project Coordinator 3			
		Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total hrs	Total \$	Total Hours
<b>2.0</b>	<b>Project Management and Coordination</b>								
2.1	Project Management		5				5	\$1,627	7.69%
2.2	Subconsultant Coordination								
2.4	Monthly Invoices/Progress Reports								
2.6	Quality Control/Quality Assurance Review								
	<b>Work Element 2.0 Total</b>		5				5	\$1,627	7.69%
<b>10.0</b>	<b>Optional Service</b>								
10.1	Construction Engineering Support		30	30			60	\$11,712	46.15%
10.2	Project Construction Setup								
10.3	Construction Administration / Management Support								
10.4	Construction Inspection Support								
10.5	Materials Testing								
10.6	Project Construction Close Out		10	10	10		30	\$5,083	
10.7	Record Drawings		10	10	10		30	\$5,083	
	<b>Work Element 10.0 Total</b>		50	50	20		120	\$21,878	92.31%
	<b>EXPENSES</b>							\$144	
	<b>SALARY ESCALATION</b>								
<b>PROJECT WORK ELEMENTS TOTALS</b>			55	50	20	5	130	\$23,648	76.92%