

Snohomish County
36th-35th Avenue W Improvement Project
(164th Street SW to SR 99)

SCOPE OF SERVICES
SUPPLEMENT NO. 3

Element 6.0 Final Design Plans, Special Provisions, and Estimates (PS&E)

6.4 100% Submittal

The 36th-35th Ave W Improvements project was originally contracted in 2008. The process of computerized corridor modeling, side street tie-ins, driveways, and drainage systems have all been refined over the duration of the project. Civil3D was not an established software when the Project's original corridor modeling was created. The legacy nature of the model has created issues with pulling accurate station-based quantities, particularly cut and fill quantities that are desired by the AGENCY for construction review and monitoring.

As part of the AGENCY's comments and review of the existing corridor modeling based on the plans vs. desired work outcome, it was identified that the corridor model will need to be revised and/or rebuilt to properly break out quantities by station ranges for revised bid schedules that reflect the changes to grading, HMA depths (overlay, full-depth, edge grind, etc.), drainage, driveways, and ADA compliant curb ramps. The CONSULTANT first rebuilt the previously completed model with current modeling techniques to allow for updated quantity determination. Additionally, the AGENCY's comments wanted to eliminate an in-road grade break between the existing roadway slope and proposed new sections of roadway by altering the final paving. During this design phase, the AGENCY had the CONSULTANT revise the recently updated corridor modeling to properly reflect the planning and overlay with 2% cross slope (without grade break within the travel lane) for the length of the 36th-35th corridor. This will provide the desired project outcome (smooth overlay without grade breaks) and continuity between the corridor model, plan sheets, and quantities.

As part of the model update, a number of project plan disciplines will require updates due to elevation changes from within the corridor model. These updates require a partial or full redesign of these project elements prior to the 100% submittal deliverable. The CONSULTANT shall update and validate the designs and calculations for the following project plan set disciplines, based on the updated corridor modeling.

- Typical Roadway Sections
- Roadway Plan and Profiles
- Curb Ramp Plans
- Drainage Plan and Profiles
- Driveway Plan/Profile/Details
- Retaining Wall Plan/Profile/Details

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The CONSULTANT 100% deliverable package shall include completed and updated drawings, quantities, and Engineer's estimate/SOQ for the PROJECT based on the revisions/additions identified above.

Deliverables:

- Digital CAD output file Revised corridor modeling
- Electronic copy of revised/updated 100% drawings, quantities, and engineer's estimate/SOQ.
- *Cost estimate shall be broken down into two groups, Group 1, Group 2 and Group 3.*

Exhibit D

Prime Consultant Cost Computations

SnoCo 35th/36th Ave Final Design
 Firm: David Evans and Associates, Inc.

Staff Name	Anthony Wilen	Manuel Feilbert	Mike Clark	Renee Koester	Nate Wong	Joe Jackson	Oron Ahrensfield	Jon Gage	Gregory King	Vickie Elwell	Katie Marsh	SUBTOTAL	SUBTOTAL	TASK	
Staff Title	Project Manager III	Project Manager IV	Project Manager VI	Engineer V	Engineer V	Engineer III	Designer III	Project Manager III	Landscape Designer IV	Project Accountant IV	Project Coordinator III	Direct Labor	Fully Burdened	SUBTOTAL	
Fully Burdened Rate (Direct+ICR+Profit)	\$200.00	\$251.13	\$225.00	\$190.00	\$190.00	\$153.00	\$153.60	\$200.00	\$136.72	\$119.00	\$100.19				
Task/Category #	Description	Total Hours													
2	Project Management, Controls, and Administration														
2.1	Project Management	0										\$ -	\$ -	\$ -	
2.2	Subconsultant Coordination	0										\$ -	\$ -	\$ -	
2.3	Monthly Progress Reports and Invoices	0										\$ -	\$ -	\$ -	
2.4	Coordination Meetings	0										\$ -	\$ -	\$ -	
2.5	Quality Assurance/Quality Control Review (Shown in tasks below)	0										\$ -	\$ -	\$ -	
2.6	Change Management	7	2	1						2	2	\$ 336.22	\$ 1,063.38	\$ 1,063	
6	Final Design Plans, Special Provisions, and Estimates														
6.1	Utility Coordination	0										\$ -	\$ -	\$ -	
6.2	Addressing 90% Comments	0										\$ -	\$ -	\$ -	
6.3	95% Plans Preparation and Submittal	0										\$ -	\$ -	\$ -	
6.4	100% Submittal	170	20	10	43	30	40	20	2	5		\$ 9,055.15	\$ 30,645.50	\$ 30,646	
6.5	Bid Ready Documents	0										\$ -	\$ -	\$ -	
6.6	Drainage Update Documents	0										\$ -	\$ -	\$ -	
	Total Hours	177	22	10	43	30	40	20	2	5	2	\$ 9,391.37	\$ 31,708.88	\$ 31,709	

Task / Category	Description	Total Hours	David Evans and Associates		
			Labor (Fully Burdened)	Expenses	Total
2	Project Management, Controls, and Administration				
2.1	Project Management				
2.2	Subconsultant Coordination				
2.3	Monthly Progress Reports and Invoices				
2.4	Coordination Meetings				
2.5	Quality Assurance/Quality Control Review (Shown in				
2.6	Change Management	7	\$ 1,063.38		\$ 1,063.38
3	Survey				
3.1	Topographical Survey				
4	Environmental Documentation				
4.1	Environmental Documentation				
4.2	Critical Area Report				
4.3	Environmental Permitting				
4.4	Stormwater Pollution Prevention Plan (SWPPP)				
4.5	Biological Assessment				
4.6	Noise Analysis Update				
5	Design Reports				
5.1	Design Report				
6	Final Design Plans, Special Provisions, and Estimates				
6.1	Utility Coordination				
6.2	Addressing 90% Comments				
6.3	95% Plans Preparation and Submittal				
6.4	100% Submittal	170	\$ 30,645.50		\$ 30,645.50
6.5	Bid Ready Documents				
6.6	Drainage Update Documents				
7	Bid and Award Support				
7.1	Bid and Award Support				
8	Geotechnical Services				
8.1	Geotechnical Services				
9	Construction Support				
9.1	Design Services During Construction				
9.2	Attendance at Project Construction Meetings				
9.3	Review of Contractor Submittals				
9.4	Request for Information (RFI) and Substitution				
9.5	Owner Directed Change Notices				
9.6	Contractor Change Requests				
	SUBTOTAL	177	\$31,708.88	\$ -	\$ 31,708.88
	TOTAL FOR ALL TASKS 2 TO 9	177	\$ 31,708.88	\$ -	\$ 31,708.88

Fee Schedule

Consultant: David Evans and Associates, Inc.

Position Classification	Direct Salary Rate	ICR @178.74%	Profit @27.45%	Max Rate Per Hour
Administrative Assistant II (ADM2)	\$21.91	\$39.16	\$6.01	\$67.09
Administrative Assistant III (ADM3)	\$27.50	\$49.15	\$7.55	\$84.20
Administrative Assistant IV (ADM4)	\$39.00	\$69.71	\$10.71	\$119.41
CAD Technician I (CAD1)	\$24.46	\$43.72	\$6.71	\$74.89
CAD Technician II (CAD2)	\$39.36	\$70.35	\$10.80	\$120.52
CAD Technician III (CAD3)	\$35.00	\$62.56	\$9.61	\$107.17
CAD Technician IV (CAD4)	\$40.82	\$72.97	\$11.21	\$125.00
CAD Technician V (CAD5)	\$40.82	\$72.97	\$11.21	\$125.00
Communications Specialist (CSPT)	\$52.26	\$93.40	\$14.34	\$160.00
Controller I	\$40.82	\$72.97	\$11.21	\$125.00
Designer I (DES1)	\$34.00	\$60.77	\$9.33	\$104.10
Designer II (DES2)	\$43.00	\$76.86	\$11.80	\$131.66
Designer III (DES3)	\$48.99	\$87.56	\$13.45	\$150.00
Designer III (DES3) - Orion Ahrensfield	\$50.16	\$89.66	\$13.77	\$153.60
Designer IV (DES4)	\$48.99	\$87.56	\$13.45	\$150.00
Engineering Designer I (END1)	\$37.60	\$67.21	\$10.32	\$115.13
Engineering Designer II (END2)	\$43.10	\$77.04	\$11.83	\$131.97
Engineering Designer III (END3)	\$48.99	\$87.56	\$13.45	\$150.00
Engineer III (ENG3)	\$51.22	\$91.55	\$14.06	\$156.83
Engineer IV (ENG4)	\$60.42	\$107.99	\$16.59	\$185.00
Engineer V (ENG5)	\$67.00	\$119.76	\$18.39	\$205.15
Engineer VI (ENG6)	\$78.38	\$140.10	\$21.52	\$240.00
Engineer VII (ENG7)	\$91.45	\$163.45	\$25.10	\$280.00
GIS Analyst II (GIA2)	\$39.00	\$69.71	\$10.71	\$119.41
GIS Analyst III (GIA3)	\$40.76	\$72.85	\$11.19	\$124.80
GIS Analyst IV (GIA4)	\$46.00	\$82.22	\$12.63	\$140.85
GIS Manager (GISM)	\$52.02	\$92.98	\$14.28	\$159.28
Graphic Designer II (GRD2)	\$38.56	\$68.92	\$10.58	\$118.07
Graphic Designer III (GRD3)	\$40.82	\$72.97	\$11.21	\$125.00
Hydrographer I (HYD1)	\$25.48	\$45.54	\$6.99	\$78.02
Hydrographer II (HYD2)	\$27.51	\$49.17	\$7.55	\$84.23
Hydrographer III (HYD3)	\$37.00	\$66.13	\$10.16	\$113.29
Hydrographer IV (HYD4)	\$49.50	\$88.48	\$13.59	\$151.56
Hydrographer V (HYD5)	\$59.00	\$105.46	\$16.20	\$180.65
Intern I (INT1)	\$18.37	\$32.83	\$5.04	\$56.25
Intern II (INT2)	\$22.00	\$39.32	\$6.04	\$67.36
Landscape Architect II (LAR2)	\$35.86	\$64.10	\$9.84	\$109.80
Landscape Architect III (LAR3)	\$37.40	\$66.85	\$10.27	\$114.52

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Position Classification	Direct Salary Rate	ICR @178.74%	Profit @27.45%	Max Rate Per Hour
Landscape Architect IV (LAR4)	\$46.00	\$82.22	\$12.63	\$140.85
Landscape Architect V (LAR5)	\$52.00	\$92.94	\$14.27	\$159.22
Landscape Designer I (LAD1)	\$25.20	\$45.04	\$6.92	\$77.16
Landscape Designer IV (LAD4)	\$44.84	\$80.15	\$12.31	\$137.30
Oceanographer (OCGR)	\$49.12	\$87.80	\$13.48	\$150.40
Office Survey Technician IV (OST4)	\$36.50	\$65.24	\$10.02	\$111.76
Office Survey Technician V (OST5)	\$37.00	\$66.13	\$10.16	\$113.29
Party Chief I (PCF1)	\$31.50	\$56.30	\$8.65	\$96.45
Party Chief II (PCF2)	\$38.00	\$67.92	\$10.43	\$116.35
Party Chief III (PCF3)	\$45.50	\$81.33	\$12.49	\$139.32
Party Chief IV (PCF4)	\$47.00	\$84.01	\$12.90	\$143.91
Planner I (PLN1)	\$30.57	\$54.64	\$8.39	\$93.60
Planner II (PLN2)	\$45.00	\$80.43	\$12.35	\$137.79
Planner III (PLN3)	\$52.00	\$92.94	\$14.27	\$159.22
Planner IV (PLN4)	\$52.26	\$93.40	\$14.34	\$160.00
Project Accountant II (PAC2)	\$30.94	\$55.30	\$8.49	\$94.74
Project Accountant III (PAC3)	\$35.58	\$63.60	\$9.77	\$108.94
Project Accountant IV (PAC4)	\$40.82	\$72.97	\$11.21	\$125.00
Project Accountant V (PAC5)	\$40.82	\$72.97	\$11.21	\$125.00
Project Coordinator I (PJC1)	\$18.81	\$33.62	\$5.16	\$57.59
Project Coordinator II (PJC2)	\$26.50	\$47.37	\$7.27	\$81.14
Project Coordinator III (PJC3)	\$32.86	\$58.73	\$9.02	\$100.61
Project Coordinator IV (PJC4)	\$36.40	\$65.06	\$9.99	\$111.45
Project Manager I (PJM1)	\$47.00	\$84.01	\$12.90	\$143.91
Project Manager II (PJM2)	\$57.00	\$101.88	\$15.65	\$174.53
Project Manager III (PJM3)	\$66.95	\$119.67	\$18.38	\$205.00
Project Manager IV (PJM4)	\$78.38	\$140.10	\$21.52	\$240.00
Project Manager IV (PJM4) - Manuel Feliberti	\$82.02	\$146.60	\$22.51	\$251.13
Project Manager V (PJM5)	\$91.45	\$163.45	\$25.10	\$280.00
Project Manager VI (PJM6)	\$88.68	\$158.51	\$24.34	\$271.53
QA/QC Specialist II (QAC2)	\$33.89	\$60.57	\$9.30	\$103.77
QA/QC Specialist III (QAC3)	\$43.41	\$77.59	\$11.92	\$132.92
QA/QC Specialist IV (QAC4)	\$52.26	\$93.40	\$14.34	\$160.00
Right of Way Specialist (RWSP)	\$34.68	\$61.99	\$9.52	\$106.19
Scientific Instrument Tech I (Marine) (SIT1)	\$25.07	\$44.81	\$6.88	\$76.76
Scientist II (SCI2)	\$31.00	\$55.41	\$8.51	\$94.92
Scientist III (SCI3)	\$35.67	\$63.76	\$9.79	\$109.22
Scientist IV (SCI4)	\$45.00	\$80.43	\$12.35	\$137.79
Sr. Project Manager I (SPM1)	\$70.00	\$125.12	\$19.22	\$214.33
Sr. Project Manager II (SPM2)	\$73.48	\$131.34	\$20.17	\$225.00
Sr. Project Manager III (SPM3)	\$78.38	\$140.10	\$21.52	\$240.00

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Position Classification	Direct Salary Rate	ICR @178.74%	Profit @27.45%	Max Rate Per Hour
Sr. Project Manager IV (SPM4)	\$78.38	\$140.10	\$21.52	\$240.00
Support Services Specialist II (SSI2)	\$19.00	\$33.96	\$5.22	\$58.18
Support Services Specialist III (SSI3)	\$24.00	\$42.90	\$6.59	\$73.49
Support Services Specialist IV (SSI4)	\$26.14	\$46.72	\$7.18	\$80.04
Support Services Specialist V (SSI5)	\$32.66	\$58.38	\$8.97	\$100.00
Support Services Specialist VII (SSI7)	\$40.82	\$72.97	\$11.21	\$125.00
Survey Analyst I (SAN1)	\$45.00	\$80.43	\$12.35	\$137.79
Survey Analyst II (SAN2)	\$45.72	\$81.73	\$12.55	\$140.00
Survey Manager I (SVM1)	\$50.00	\$89.37	\$13.73	\$153.10
Survey Manager II (SVM2)	\$62.05	\$110.91	\$17.03	\$190.00
Survey Manager III (SVM3)	\$62.05	\$110.91	\$17.03	\$190.00
Survey Technician I (SVT1)	\$21.76	\$38.89	\$5.97	\$66.63
Survey Technician II (SVT2)	\$25.76	\$46.04	\$7.07	\$78.87
Survey Technician III (SVT3)	\$29.50	\$52.73	\$8.10	\$90.33
Survey Technician IV (SVT4)	\$31.50	\$56.30	\$8.65	\$96.45
Survey Technician V (SVT5)	\$45.72	\$81.73	\$12.55	\$140.00
Surveyor I (SVY1)	\$48.00	\$85.80	\$13.18	\$146.97
Surveyor II (SVY2)	\$52.00	\$92.94	\$14.27	\$159.22
Surveyor III (SVY3)	\$53.89	\$96.32	\$14.79	\$165.00
Surveyor IV (SVY4)	\$53.89	\$96.32	\$14.79	\$165.00
Technical Writer (TECW)	\$32.88	\$58.77	\$9.03	\$100.68
Remote Pilot I (RPL1)	\$23.95	\$42.81	\$6.57	\$73.33
Remote Pilot II (RPL2)	\$34.65	\$61.93	\$9.51	\$106.09
Remote Pilot III (RPL3)	\$53.95	\$96.43	\$14.81	\$165.19
Flight Operations Manager (FLOM)	\$64.67	\$115.58	\$17.75	\$198.00

The indirect cost rate (ICR), profit, and max rate per hour listed above are the maximum rates payable under this AGREEMENT. Rates invoiced shall be based on the direct salary of the individual employee plus ICR plus profit and shall not exceed the Max Rate Per Hour for each classification listed in this Exhibit D without prior written consent of the COUNTY.

Subconsultant Services and Other Direct Costs (ODC) will be reimbursed at the Actual Cost to the Consultant with no markup. ODCs are limited to the following items:

Reimbursable Classifications	Rates
Mileage	Current IRS Rate
Outside Vendor Costs	At Cost
_____	_____
_____	_____

Any ODC not included in the above list shall not be eligible for payment without prior written consent of the County. All reimbursable charges must be necessary for the services provided under this AGREEMENT.



**Washington State
Department of Transportation**

Development Division
Contract Services Office
PO Box 47408
Olympia, WA 98504-7408
7345 Linderson Way SW
Tumwater, WA 98501-6504

TTY: 1-800-833-6388
www.wsdot.wa.gov

May 4, 2023

David Evans and Associates, Inc.
703 Douglas Fir Dr.
Magnolia, TX 77354

Subject: Acceptance FYE 2022 ICR – Cognizant Review

Dear Marie Fuzzell:

We have accepted your firms FYE 2022 Indirect Cost Rate (ICR) of 178.74% of direct labor, (rate includes 0.40% Facilities Capital Cost of Money), based on the “Cognizant Review” from The Oregon Department of Transportation (ODOT). This rate will be applicable for WSDOT Agreements and Local Agency Contracts in Washington only. This rate may be subject to additional review if considered necessary by WSDOT. Your ICR must be updated on an annual basis.

Costs billed to agreements/contracts will still be subject to audit of actual costs, based on the terms and conditions of the respective agreement/contract.

Any other entity contracting with your firm is responsible for determining the acceptability of the ICR.

If you have any questions, feel free to contact our office at (360) 704-6397 or via email consultanrates@wsdot.wa.gov.

Regards;

Schatzie Harvey

Schatzie Harvey (May 4, 2023 14:44 PDT)

SCHATZIE HARVEY, CPA
Contract Services Manager

May 4, 2023

SH:BJO

Agreement Number: CCF04-21

Exhibit E

Sub-consultant Cost Computations

Fee Schedule

Subconsultant: GeoEngineers

Position Classification	Direct Salary Rate	ICR @209.50%	Profit @27.45%	Max Rate Per Hour
Principal	\$83.10	\$174.09	\$22.81	\$280.00
Associate	\$66.78	\$139.89	\$18.33	\$225.00
Senior Engineer / Scientist 2	\$57.87	\$121.24	\$15.89	\$195.00
Senior Engineer / Scientist 1	\$51.96	\$108.86	\$14.26	\$175.08
Project Engineer / Scientist 2	\$49.79	\$104.31	\$13.67	\$167.77
Project Engineer / Scientist 1	\$43.54	\$91.22	\$11.95	\$146.71
Engineer 3	\$40.31	\$84.45	\$11.07	\$135.82
Engineer 2	\$37.95	\$79.51	\$10.42	\$127.87
Engineer 1	\$33.18	\$69.51	\$9.11	\$111.80
Scientist 3	\$36.49	\$76.45	\$10.02	\$122.95
Scientist 2	\$32.64	\$68.38	\$8.96	\$109.98
CAD Design Coordinator	\$46.00	\$96.37	\$12.63	\$155.00
CAD Designer	\$37.10	\$77.72	\$10.18	\$125.00
Lead Technician	\$34.13	\$71.50	\$9.37	\$115.00
Senior Technician	\$28.15	\$58.97	\$7.73	\$94.85
Technician	\$23.23	\$48.67	\$6.38	\$78.27
Administrator 3	\$37.10	\$77.72	\$10.18	\$125.00
Administrator 2	\$34.62	\$72.53	\$9.50	\$116.65
Administrator 1	\$20.33	\$42.59	\$5.58	\$68.50

The indirect cost rate (ICR), profit, and max rate per hour listed above are the maximum rates payable under this AGREEMENT. Rates invoiced shall be based on the direct salary of the individual employee plus ICR plus profit and shall not exceed the Max Rate Per Hour for each classification listed in this Exhibit E without prior written consent of the COUNTY.

Other Direct Costs (ODC) will be reimbursed at the Actual Cost to the subconsultant with no markup. ODCs are limited to the following items:

Reimbursable Classifications	Rates
Mileage	Current IRS Rate
Outside Vendor Costs	At Cost
_____	_____
_____	_____
_____	_____

Any ODC not included in the above list shall not be eligible for payment without prior written consent of the County. All reimbursable charges must be necessary for the services provided under this AGREEMENT.

Agreement Number: CCF04-21



June 12, 2023

GeoEngineers, Inc.
17425 NE Union Hill Road, Suite 250
Redmond, WA 98052

Subject: Acceptance FYE 2022 ICR – CPA Report

Dear Jane Lu:

We have accepted your firms FYE 2022 Indirect Cost Rate (ICR) of 209.50% of direct labor (rate includes 0.40% Facilities Capital Cost of Money), based on the "Independent CPA Report," prepared by BDO USA, LLP. This rate will be applicable for WSDOT Agreements and Local Agency Contracts in Washington only. This rate may be subject to additional review if considered necessary by WSDOT. Your ICR must be updated on an annual basis.

Costs billed to agreements/contracts will still be subject to audit of actual costs, based on the terms and conditions of the respective agreement/contract.

This was not a cognizant review. Any other entity contracting with the firm is responsible for determining the acceptability of the ICR.

If you have any questions, feel free to contact our office at (360) 704-6397 or via email consultantrates@wsdot.wa.gov.

Regards;

Schatzie Harvey

Schatzie Harvey (Jun 12, 2023 16:14 PDT)

SCHATZIE HARVEY, CPA
Contract Services Manager

SH:BJO