

Exhibit A - 4

Supplemental Scope of Work

Introduction

The CONSULTANT will provide additional design services to support the preparation of the PS&E documents to supplement the original scope of services, including additional design details in response to AGENCY comments and direction, and those associated with R/W acquisition services at the AGENCY's request.

CONSULTANT's services shall be limited to those expressly set forth herein. If the service is not specifically identified herein, it is expressly excluded. CONSULTANT shall have no other obligations, duties or responsibilities associated with the project except as expressly provided in this Agreement.

SCOPE OF SERVICES

Task 1 – Project Management and Coordination (Supplemented)

1.1 Project Administration – Design Phase (Supplemented)

The CONSULTANT will provide additional continuous project management administration (billing invoices, month progress reports) and coordination with AGENCY staff throughout the project's extended design phase duration, assumed to be through the targeted advertisement month of September 2020.

Deliverables:

- Monthly Invoices and Progress Reports
- Schedule Updates
- QA/QC project deliverables as detailed below

Task 3 - Right-of-Way Assistance and Coordination (Supplemented)

The CONSULTANT will provide additional design assistance and technical support to the AGENCY during the appraisal and negotiation phases.

Assumptions:

- Additional assistance will be provided throughout the PS&E design phase of the project up to the level of effort (hours) shown in the fee proposal. This may include driveway, drainage, grading, and wall revisions.
- It is assumed that the AGENCY will make all changes to the Right-of-Way plans, if necessary.
- The AGENCY will be responsible for preparing and assembling all the Right-of-Way acquisition documents, including easements.

Deliverables:

- Right-of-way exhibits to assist the R/W appraiser and negotiator as requested by the AGENCY.
- Opinion of costs for proposed revisions or options.
- Revisions to the Final Drainage Report as a result of design changes during the R/W acquisition phase.
- Revisions to the contract plan sheets to reflect the proposed changes in design and/or R/W.

Task 9 – Utility Coordination (Supplemented)

9.2 Utility Coordination (supplemented)

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The CONSULTANT will assist the COUNTY in its transition to lead the utility coordination efforts moving into construction. This effort includes coordination with the utility franchises, including Snohomish County PUD, Frontier, Comcast, AWWD, Zayo, Northshore School District, PSE (gas), and WAVE in addressing technical questions and providing files and details necessary to conduct the relocation work.

Coordinate with the AGENCY, utility franchises, and APS on potholing at signal poles and at the TDA 1 vault (Zayo underground conduit). Attend up to twelve (12) additional office meetings with the franchises between 95% and Advertisement.

Assumptions:

- The AGENCY will organize and lead utility coordination meetings including preparation of agendas and meeting notes.
- Coordination meetings will be held every other week until project advertisement, assumed to be September 2020.

Deliverables:

- Drawing files and design details as requested by the AGENCY and/or utility franchises.

Task 14 – PS&E Preparation (Supplemented)

14.3 Final PS&E (Supplemented)

The CONSULTANT will prepare additional details and design in response to the AGENCY's comments on the 95% PS&E submittal package, as well as subsequent proposed revisions for specific items. Included in this task are the following:

- Review and respond to 95% AGENCY comments.
- Revise corridor modeling based on new survey information received from the AGENCY and comments received from the 95% review.
- Update 35th Ave SE profile, cross sections, curb ramps, and curb return design information.
- Update centerline profile and top of curb elevation information.
- Revise the super-elevation design diagram.
- Design and preparation of Traffic Control Plans and Details.
- Prepare details for driveway access to short plat at NE 184th Street.
- Additional wall details at TDA 4 vault as provided by the AGENCY. Included are geogrid wall and concrete barrier details.
- Provide additional revisions to driveway details, including drainage, in accordance with changes proposed through R/W negotiations.
- Provide updates and finalize the Drainage Report.
- Coordination with the AGENCY on the above proposed revisions.

The CONSULTANT will prepare Final traffic control plans and details based on markups to be provided to the CONSULTANT from the AGENCY, and revisions to the opinion of costs.

Assumptions:

- The AGENCY will prepare special provisions associated with the revised traffic control plans.
- The AGENCY will provide markups to the CONSULTANT on the traffic control details to be incorporated in to the plans.
- The CONSULTANT will prepare traffic control item opinion of costs for the associated bid items.

Deliverables:

- Responses to 95% AGENCY comments.
- One (1) half-size ad-ready signed final Plans, submitted in PDF format

- One (1) electronic copy of the master summary of the Final opinion of cost submitted in PDF format
- Electronic copy of Final special provisions in Word format

Services performed within this task will be done only upon the request and direction of the AGENCY. CONSULTANT services under this task are limited to the associated fee. Services provided in addition to this Supplement may be included under a separate supplement to this agreement.

Task 18 – Construction Engineering Support (Supplement – New Task)

18.1 Project Administration (Construction Engineering Phase)

The CONSULTANT will provide additional project management administration (billing invoices, monthly progress reports) and coordination with AGENCY staff from the bid opening (assumed to be September 2020) through estimated completion in June 2022.

Deliverables:

- Progress reports and invoices (Assume 16)

18.2 Project Coordination Meetings (Construction Engineering Phase)

Participate in additional project coordination meetings (as requested) from bid opening through estimated project completion June 2022. The effort for this sub-task will be limited to the hours as defined in the attached fee schedule. The AGENCY will prepare agendas and meeting minutes.

It is assumed that all utility coordination during construction will be conducted by AGENCY staff.

Assumptions:

- Six (6) meetings will be attended by the CONSULTANT
- Four (4) site visits will be attended by the CONSULTANT

Deliverables:

- Review of draft agendas and meeting minutes

18.3 Construction Engineering Support Services

Assistance will be provided to the AGENCY during the period of anticipated construction from bid opening through estimated project completion June 2022 providing the following services:

18.3.1 General Construction Support

Respond to minor design questions and Requests for Information (RFIs) as requested by the AGENCY. Significant revisions as a result of an RFI, may be considered as additional services to be included in an additional Supplement to this Agreement. The effort for responding to questions is estimated at responding to 20 RFIs.

Deliverables:

- Draft and Final responses to RFIs

18.3.2 Change Order and Design Change Support

Clarification or preparation of exhibits, to the AGENCY, associated with various design elements of the project (including but not limited to driveways, side streets, curb ramp design, drainage layouts). Significant revisions, such as changes and wall types and alignments, rerouting of drainage or change in stormwater facilities and roadway/side street realignments may be considered as additional services to be included in an additional Amendment.

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Deliverables:

- Draft and Final exhibits to support design change orders

18.3.3 Submittal Review

Support for review of submittals and shop drawings will be limited to drainage related items (four (4) Modular Wetlands, two (2) detention vaults), specific to the special provisions to this project. Assume review of 6 submittals. The AGENCY will review submittals associated with modular block retaining walls.

Deliverables:

- Responses to submittal reviews (draft and final)

The effort for this sub-task will be limited to the hours as defined in the attached fee schedule.

Time for Completion

Services provided under this Supplement are anticipated to be completed by the estimated project completion June 30, 2022.

Exhibit D

Prime Consultant Cost Computations



Project 35th Ave. SE Phase II- SR 524 to 180th Street SE - Supplement No.4 Contract Start Date 7/30/2018 Last Update date 4/21/2020
 Client Snohomish County Contract End Date 8/17/2021 Pertee Project No.
 PM Kurt Ahrensfield Contract Duration: 37 Months

Task	Billing Rate	Sr. Associate	Sr. Associate	Lead Engineer / Mgr	Lead Engineer / Mgr	Lead Engineer / Mgr	Engineer I	Lead Technician/ Designer	Technician III	Planner II	Accountant	Total Hours	Labor Dollars
		\$216.30	\$216.30	\$163.92	\$148.16	\$148.16	\$99.30	\$120.82	\$99.81	\$111.97	\$103.24		
Task 1.1 - Project Mgmt & Coordination		8.00	54.00	44.00							6.00	112.00	\$21,243.00
Total Task 1.1 - Project Mgmt & Coordination		8.00	54.00	44.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	112.00	\$21,243.00
Task 3 - R/W Assistance & Coord			8.00	16.00		16.00						40.00	\$6,724.00
Total Task 3 - R/W Assistance & Coord		0.00	8.00	16.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	40.00	\$6,724.00
Task 9.2 Utility Coordination			24.00	84.00		68.00	32.00					208.00	\$32,213.00
Total Task 9.2 Utility Coordination		0.00	24.00	84.00	0.00	68.00	32.00	0.00	0.00	0.00	0.00	208.00	\$32,213.00
Task 14.3 - Final PS&E Docs		4.00	6.00	94.00	48.00	96.00	200.00	4.00	44.00	24.00		520.00	\$66,328.00
Total Task 14.3 - Final PS&E Docs		4.00	6.00	94.00	48.00	96.00	200.00	4.00	44.00	24.00	0.00	520.00	\$66,328.00
Task 18 - Construction Support													
Task 18.1 - Project Administration			16.00								16.00	32.00	\$5,113.00
Task 18.2 - Meetings and Site Visits		8.00	12.00	24.00	24.00	24.00						92.00	\$15,372.00
Task 18.3 - Engineering Support													
Task 18.3.1 General Construction Support				20.00	20.00	20.00	20.00		20.00			100.00	\$13,187.00
Task 18.3.2 Change Order and Design Change Support		8.00	8.00	64.00	64.00	64.00	64.00	16.00	64.00			352.00	\$47,592.00
Task 18.3.3 Submittal Review		6.00		6.00	24.00	6.00						42.00	\$6,726.00
Total Task 18 - Construction Support		22.00	36.00	114.00	132.00	114.00	84.00	16.00	84.00	0.00	16.00	618.00	\$87,989.00
Total Hours		34.00	128.00	352.00	180.00	294.00	316.00	20.00	128.00	24.00	22.00	1,498.00	
Total Dollars		\$7,354.00	\$27,687.00	\$57,700.00	\$26,668.00	\$43,558.00	\$31,378.00	\$2,416.00	\$12,775.00	\$2,687.00	\$2,271.00		\$214,495.00

SUMMARY	
Labor	\$214,495.00
Expenses	\$0.00
Subconsultants	\$0.00
CONTRACT TOTAL	\$214,495.00

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