

**SECOND AMENDMENT TO
Otak Personal Service Agreement
S. 1st Street and Strand Streets, Road and Utility Extensions, Project No. P-525**

This agreement is entered into this _____ day of April 2022, by and between the City, (hereinafter "City"), and Otak, Inc. (hereinafter "Contractor").

RECITALS

- A. City and Contractor entered into a Personal Service Agreement on March 8, 2021, and said contract, hereinafter "original contract", is on file at St. Helens City Hall.
- B. The City has determined that additional Scope of Work is necessary to complete the design of for revisions of the pump station and intersections for the project.
- C. The Contractor has provided a revised Scope of Work, Work Order No. 2, which has been reviewed and accepted by the City's Technical Advisory Committee.

NOW, THEREFORE, in consideration for the mutual covenants contained herein the receipt and sufficiency of which are hereby acknowledged, Contractor and City agree as follows:

- 1. The recitals set forth above are true and correct and are incorporated herein by this reference.
- 2. Additional compensation for Work Order No. 2 shall be a not to exceed amount of \$107,545.20.
- 3. All other terms of the original contract not specifically amended by this agreement remain in full force and effect.

Dated this _____ day of April 2022.

Contractor

City

Date: _____

Rick Scholl, Mayor
Date: _____

Attest:

By: _____
Kathy Payne, City Recorder

City of St. Helens

S. 1st and Strand Streets, Road and Utility Extensions Design, Construction, and Permit Documents

Scope of Work Work Order No. 2

March 8, 2022

Project Understanding

The City of St. Helens has identified the street and utility extensions of Strand Street and S. 1st Street as a catalyst for redevelopment of the prime riverfront property (Veneer Property) along the Columbia River. The improvements will provide multimodal connectivity for the community to the proposed Riverwalk project, historic downtown, existing pathway/trail connections, and support revitalization of the Columbia View Park area as a community gathering place and event space.

S. 1ST STREET is proposed to extend from Cowlitz Street south to Plymouth Street. This street extension will include multiple mid-block crossings to allow for pedestrian and bicycle crossings that provide access to the river and future property development. The street section proposes two narrow shared travel lanes that allow for bike traffic and minimize the pedestrian street crossing length at designated crossings. The coordinated location of the street crossings with adjacent future development parcels provide the opportunity to maintain view corridors to the river, as well as enhanced multimodal connections between the proposed Riverwalk trail, S. 1st Street, and connections to the west (Tualatin St stairway, Nob Hill Nature Park, Plymouth Street).

STRAND STREET is proposed to extend south and west from Columbia View Park to intersect S. 1st Street opposite the Tualatin pedestrian stairway. The extension will begin about 180 feet south of the Cowlitz Street Intersection. In accordance with previous community input, the design of the Strand Street extension should include ample parking and maintain view access to the river, so there is a great opportunity to integrate the streetscape design into the Riverwalk design (wider sidewalks, head-in-parking, connections to Riverwalk trail, overlook/nodes, etc.). Strand Street is targeted to be a festival street with a gateway or special streetscape treatment at the intersection of 1st and Strand to highlight an arrival to the riverfront. *Work Order No. 1 (WO1) will amend the original contract to include a subset of plans that incorporates the design of the Strand Street reconstruction between Cowlitz and the Courthouse as well as the extension of Cowlitz east of Strand to a turnaround/dropoff terminus.*

INTERSECTION IMPROVEMENTS at the existing Cowlitz/S. 1st and Cowlitz/Strand intersections will be completed in accordance with previous design approach/parameters of the S. 1st/St. Helens intersection (design completed by others). The streetscape design elements incorporated into the S. 1st and Strand project will be added to the existing S. 1st/St Helens intersection design (by others) to maintain consistency within the River District. The S. 1st and Strand Street intersection will be designed as a new intersection with consistent design and streetscape elements to the existing intersections. *As amended with WO1, S. 1st/Street A, Strand/Street A intersections have been added and will be completed in accordance with previous design approach/parameters of S. 1st/St. Helens. As amended with WO2, S. 1st Street/Cowlitz Street is being modified to be a concrete intersection. Furnishings at 1st Street/Tualatin Street are being revised per 90% comments.*

NEW UTILITY EXTENSIONS and the relocation of the existing sanitary sewer lift station on the Veneer Property will support new development and improve the existing City systems (looping of water, alleviating sewer capacity issues). Utility infrastructure and stormwater management should be designed in accordance with City Master Plan documents and provide coordinated stubs and services (including franchise utilities) to future development parcels, providing flexibility for different configurations and development patterns for the area. Stormwater management will include the exploration of low impact development options. A challenge for drainage will be maintaining adequate depth and conveyance to utilize the existing stormwater outfalls to the Columbia River. **As amended with WO2, pump station site is being revised to include a custom building that will house the generator and allow for removal of the security fence. Continuation of waterline extension along Strand Street has been added to this project.**

Design Team: Roles and Responsibilities

Firm/Lead	Responsibilities
Otak, Inc. / Mike Peebles, PE; Keith Buisman, PE; Rose Horton, PE; Li Alligood, AICP; Jon Yamashita, PLS; Sue Tsoi, PLS	Project Management, Civil/Roadway Design and Utility Coordination, Stormwater Management, Survey, Urban Planning and Design, Development Planning, Cost Estimating, Construction Management
Mayer-Reed / Jeramie Shane, Shannon Simms	Landscape Architecture, Urban Design, Wayfinding
GeoDesign, Inc. / Krey Younger, Colby Hunt, Shawn Dimke	Geotechnical Engineering and Environmental Consulting
Leeway Engineering Solutions / Robert Lee Grayling / Kyle Thompson	Sanitary / Water Design, Lift Station Relocation
DKS Associates / Steve Boice, Kevin Chewuk	Traffic Engineering, Street & Pedestrian Illumination, Signing / Striping, Multimodal Safety Design

Task 1 – Project Management

The Design Team will plan, manage, and execute the tasks described herein in accordance with the schedule, budget, and quality expectations that are established. This task is for overall Project Management by Otak in managing the Design Team and City management staff. Design team meetings and project task management performed by the design team members are included in the design tasks.

For the purposes of defining the scope of this task, the duration of the project design effort is assumed to be through Task 6 – Permitting Coordination/Support with a total duration of **sixty-one (61) weeks, from March 2021 through May 2022**. Additional Project Management scope will be provided when the remaining Tasks 7 and 8 are negotiated in the future. **(Duration amended with WO2.)**

This project management task includes the following work activities to performed by Otak.

Task 1.1: Project Management and Administration

The following items are included:

- Provide the management, and coordination to the Design Team and City management staff.
- Track consultant contract costs and budgets on a monthly basis. Prepare monthly invoices and summary reports, up to fifteen (15) invoices are included. **(Amended with WO2 to include five additional monthly invoices.)**
- Prepare and administer sub-consultant contracts.
- Maintain the document files.

Task 1.2: Project Coordination, Meetings, and Schedule

The proposed approach to project coordination during design is to hold project meetings with key project team members and representatives from the City and their designated Project Manager and others as needed. The following items are included within this task:

1. Project Kickoff Meeting - A meeting will be held with the key members of the consulting team and the City to start the project. The following information will be reviewed during the meeting:
 - Project schedule
 - Project roles and lines of communication, including a team member contact list
 - Project scope
 - Project deliverable requirements
 - Project stakeholders
 - Project constraints
 - Existing project data
 - Design criteria
2. Project Design Review Meetings (Alignment Alternatives, Preliminary Design (30%), Final Design (90%), Final PS&E (100%)) – A meeting will be held with key members of the consulting team and the City to review and coordinate the design. Assumes four (4) three-hour meetings attended by the Project Manager and Project Coordinator. Prepare meeting agendas and summaries for the Project Team meetings.
3. City Council Meeting – Key staff will prepare for attend one (1) City Council meeting / worksession to present the recommendation from the staff advisory committee and a clear list of pros and cons for the two options.
4. **City Council Meeting – Key staff will prepare for and attend one (1) City Council meeting to present the project in its current status. (Amended with WO2)**
5. Bi-Weekly Project Design Meetings – These meetings will be used to resolve issues and establish key action item through the design process. Assumes up to **twenty-five (25)** one-hour bi-weekly meetings with key design staff. **(Amended with WO2 to include three additional meetings.)**
6. Attend design coordination meetings with agencies external to the Project Team, such as franchise utility providers, adjacent property owners/developers, etc. This task assumes four (4) one-hour meetings attended by the Project Manager and Project Coordinator.
7. Prepare a project activity schedule for presentation to the City. The schedule will show appropriate milestones for the project including intermediate and final submittal dates for design documents and key decision points. Revise the project schedule to reflect major changes in the project schedule. **Three (3) revisions to the project schedule are included. (Amended with WO2 to include an additional update.)**
8. Maintain an on-going project log with meeting minutes, project design decisions, and key communications with team.

Assumptions:

- Meetings to be held virtually via MS Teams through **May 15, 2022. (Amended with WO2)**

Deliverables:

- Meeting Notes from Kickoff and Project Design Review Meetings within one week after the meeting.
- Draft schedule to be presented at Kickoff Meeting.
- Baseline Project Schedule within one week of receipt of comments to the draft schedule. Two (2) Schedule Revisions, as coordinated with City.
- Monthly Invoices and Monthly Summary Reports by the end of the month following the completion of services.
- On-going Project Log.

Task 5 –Road and Utility Extension: Final Design (90% and Final PS&E)

The purpose of this task is to advance the preliminary design into 90% and final design documents that can go to bid advertisement. Street plans will incorporate a final design level of detail for streetscape,

stormwater collection and management, utility information, street cross sections, illumination and signing/stripping plans, street landscape and ADA grading. Included with this work effort will be the proposed lift station design documents. This task is amended with WO1 to incorporate the Strand Street reconstruction between Cowlitz and the Courthouse, the extension of Cowlitz east of Strand to a turnaround/dropoff terminus, and the new construction of Street A.

Task: 5.1 90% and Final PS&E

Civil Roadway and Utility Coordination (Otak)

- Refine roadway alignment and grade and stormwater management based on the 30% review comments.
- Refine design for the *five* intersection improvements (S. 1st/Cowlitz, Cowlitz/Strand, S. 1st/Strand, S. 1st/Street A, Strand/Street A) and existing S. 1st Street Improvement south of Cowlitz intersection. *(Amended with WO1 to include two additional intersections.)*
- Provide recommendations to City for changes to previously completed S. 1st/St Helens intersection design to incorporate streetscape elements from S. 1st Street and Strand Street roadway extension project to maintain consistency in the River District.
- Determine sheet layout, title block, and sheet numbering scheme and coordinate with Design team for entire plan set. Obtain City concurrence prior to producing sheets.
- Prepare final typical section plan sheets (3), including typical on-street parking sections.
- Develop roadway and storm conveyance plan and profile sheets (10). *(Amended with WO1 to include three additional plan and profile sheets.)*
- Develop intersection grid details to show surface elevation information for intersections without a pavement standard cross slope. Details are assumed to be needed for existing S. 1st/Cowlitz and Cowlitz/Strand intersections and at the new S 1st/Strand, *Strand/Street A, and S 1st/Street A intersections (5). (Amended with WO1 to include two additional intersections.)*
- Prepare final sheets for overall plan set and general roadway improvements including a title sheet (1), index sheet (1), general notes (1), existing conditions (3), curb returns/ADA ramps (12), and mid-block crossings (2), standard roadway details (3), storm details (3). *(Amended with WO1 to include four additional sheets for curb returns/ADA ramps.)*
- Prepare final sheets for stormwater improvements including plan/profile to outfall (2), standard storm details (3), stormwater treatment/LIDA details (2).
- Prepare Erosion and Sediment Control Plans for limits of project in accordance with DEQ 1200-C permit requirements. Assumes: Cover sheet (1), ESC Plans for three stages of construction (clearing/demo, grading, street/utility) (9), and ESC Details (3).
- Prepare final survey monumentation sheets (2).
- Coordinate with franchise utility providers (power, gas, telephone, fiber, communications) to incorporate design into roadway plans. Show proposed vaults and conduit runs as reference on roadway plan set, but franchise utility providers to provide their final design on separate documents.
 - Prepare final sheet(s) of composite utility plan showing where all utilities will be shown at a scale no smaller than 1"=60' without notes, profiles, etc.
- Prepare the special provisions of the project specifications related to roadway and storm drain improvements at 90% and Final PS&E submittal.
- Prepare cost estimate at 60% (AACE Class 2 level) for roadway and storm drainage improvements. *(Amended with WO1 to include additional cost estimate.)*
- Prepare cost estimate at 90% and Final PS&E (AACE Class 2 level) for roadway and storm drainage improvements.
- Prepare bid schedule for roadway and storm drainage improvements at 90% and Final PS&E.
- Assemble final special revisions, cost estimate, and bid schedule for entire project at 90% and Final PS&E from submitted documents from design team members. The professional of record will seal the applicable section of the special provisions for the Final PS&E submittal.
- Submit 90% PS&E to City for review and comment. Develop a comment log for design team to track revisions/responses in advancing plans to Final PS&E.
- **WO#2 Amendments:**
 - **Prepare for one (1) City Council meeting, including:**
 - **Prepare up to six (6) illustrative graphics of the streetscape components of the project.**

Utility Design (Leeway Engineering)

Sanitary sewer and water utility construction documents will be developed. Subtask activities will include:

- Coordination with Otak regarding cover sheet and other general sheets, traffic control plans, bidding documents, and front-end documents.
- Development of combined water and gravity sanitary sewer plan and profile drawings, including Tualatin Street waterline connection. (8 sheets)
- Development of force main plan and profile drawings. (6 sheets)
- Markups to the project Erosion and Sediment Control drawing(s), as developed by Otak.
- Design of force main connection to WWTP headworks or influent tunnel manhole.
- Development of horizontal utility decommissioning drawings. (1 sheet plus 1 detail sheet)
- Drafting of special provisions related to water and sewer. (6 sections)
- Coordination with Otak and City regarding future extension and connection locations.
- Development of Comment Log.
- Preparation for and participation in a 90% design initiation meeting, 90% design review meeting, and a Final Design handoff meeting.
- Development of utility-specific bid schedule for incorporation into Bid Documents.
- Development of 90% and Final AACE Level 2 cost estimates.
- Review and incorporation of review comments as received from the City, Design Team, and DEQ.
- Quality control reviews.
- **Revise water plan sheets to add connection on Strand Street between Street A and Cowlitz. (Added with WO2.)**
- **Revisions to the sanitary and force main sheets to coordinate with revisions to the pump station plan. (Added with WO2.)**
- **Revise water plan sheets to remove fire hydrants outside of the limits of the base bid. (Added with WO2.)**

Multimodal Transportation / Illumination (DKS)

- Update design elements for illumination, signing, and striping to reflect review comments and changes from the Preliminary design review and bring the design level to 90% and Final PS&E suitable for advertisement and bidding. The following plan sheets will be prepared:
 - Illumination legend (1)
 - Illumination plans (8) (1:40 scale) *(Amended with WO1 to include two additional plans.)*
 - Illumination details (2)
 - Signing/Striping Legend (1)
 - Signing/Striping Plans (8) (1:40 scale) *(Amended with WO1 to include two additional plans.)*
 - Sign installation details (2)

Landscape Architecture (Mayer-Reed)

- Develop streetscape Plans and Details for:
 - Sidewalk paving patterns and materials
 - Furnishing zone treatments and amenities
 - Street tree layout and species
 - Landscape planting design and irrigation
- Develop Plans and Details for Stormwater planting design.
- Develop Pedestrian Site Plans and Details for Cowlitz Extension. (Amended with WO1.)
 - Coordinate with Civil team on final vehicular circulation concepts.
 - Develop final pedestrian and landscape improvements including:
 - *Pathways and Pedestrian site materials and layout, grading, amenities.*
 - *Landscape planting and irrigation.*
 - Develop Gateway design and details.
 - Coordinate with lighting and other disciplines as needed
- **WO#2 Amendments:**
 - **Prepare for and attend one (1) City Council meeting, including:**
 - **Prepare up to nine (9) illustrative graphics of the streetscape components of the project.**
 - **Attend council meeting prep session with city staff.**
 - **Attend and co-present at the City Council meeting.**
 - **Prepare for and attend two (2) Project Design meetings.**

- **Design revisions per 90% comments, including:**
 - **Revisions to planting and irrigation design around revised pump station.**
 - **Revisions to paving and furnishings at Tualatin & 1st Street.**
 - **Paving patterns and material layout at Cowlitz & 1st Street intersection.**
 - **Coordinating on lighting fixture selection for Bluff Trail.**
 - **Additional fall protection / guardrail design and detailing required by project grading changes at Columbia View Park.**

Deliverables:

- 90% and Final PS&E submittals shall each include:
 - Stamped plan sheets electronic. (Adobe PDF)
 - Bid sheet. (in MS Excel format and PDF)
 - Engineer's construction cost estimates. (In MS Excel format and PDF)
 - Project Special Provisions and technical specifications. (in MS Word format and PDF format)

Task: 5.3 Lift Station Design Documents (Leeway Engineering and Grayling)

Lift station construction documents will be developed to the 90% and Final design levels. Subtask activities will include:

- Development of Comment Log.
- Preparation for and participation in a midpoint 90% design workshop (approximately 60% completion) with City engineering and operations staff to review selection of lift station mechanical equipment, electrical equipment, and the pre-fabricated building,
- Preparation for and participation in a 90% design initiation meeting, a 90% design review meeting, and a Final Design handoff meeting.
- Development of bypass pumping plan.
- Development of lift station-specific bid schedule for incorporation into Bid Documents.
- Development of 90% and Final AACE Level 2 cost estimates.
- Development of 90% and Final technical specifications for mechanical and electrical in CSI format.
- Demolition and bypass plan for the existing lift station (2 sheets).
- Lift station site plan and sections (3 sheets).
- Detail sheets including City standards (up to 3 sheets).
- ~~▫ Structural notes, design, and details for pre-manufactured shelter/enclosure (2 sheets). Otak will provide structural footing design for pre-manufactured building loads to support contractor's building permit application. (Amended with WO2)~~
- Electrical notes and site plan (2 sheets).
- Electrical one-line diagram (1 sheet).
- Electrical design and control plans (3 sheets).
- Electrical details.
- **Attend design coordination meetings with the City and design team to review pump station site plan configurations and control building layout/ dimensions. (Amended with WO2.)**
- **Pump station design revisions to address City requested changes to the site and control building. (Amended with WO2.)**
- **Submittals and meetings to review the pump station design. Deliverables to include 60%, 90% and final Construction Documents and cost opinions. (Amended with WO2.)**
- **Coordinate with the electrical and mechanical design team to incorporate the generator into the control building. (Amended with WO2.)**
- **Coordinate with Otak to modify the control building to incorporate the generator into the building. (Amended with WO2.)**
- **Provide mechanical engineering required for indoor genset, including but not limited to, combustion air intake louver, radiator exhaust duct and louver, generator exhaust pipe system, remote fuel fill, temperature-controlled exhaust system. Deliverables to include 60%, 90% and final Construction Documents and cost opinions. (Amended with WO2.)**
- Quality control reviews.

Pump Station Building Design Architecture/Structural (Otak) (Amended with WO2)

- **Develop Structural and Architectural Plans and Calculations for 300 SF building to house the pump station using the following assumptions:**
 - **Building is assumed to be stick framed with rafter or gangnail truss roof**
 - **Generator and pump equipment / controls will be segregated with an interior partition.**
 - **The building will be freeze-protected, but not fully heated.**
 - **Structures will submit a foundation and framing plan for the 60% submittal**
 - **Structures will submit specifications and plans (foundation plan, framing plan, details) for 90% and 100% submittals**
 - **Specifications will be in CSI format**
 - **No field visits**
- **Weekly meetings with the client. Structures engineer to attend half of scheduled meetings, assume one structures engineer attending four (4) meetings, one (1) hour each.**
- **Structures engineer will provide materials to client for submitting for permit using the following assumptions**
 - **Time required to respond to support application for building permit (compiling submittal, responding to comments, etc.) is assumed to be four (4) hours. Permit will use 100% drawings and calculations for the application.**

Assumptions:

- Any exiting utilities recommended for rehabilitation or replacement north of Cowlitz or outside the new roadway alignment is not included as part of this Task.
- New water shall be C900 PVC or ductile iron, based on depths and dead/live loads., new sewer shall be ASTM3034 or SDR26 PVC, new force main(s) shall be ductile iron, Class 52.
- A single set of consolidated comments will be provided at each design submittal (90% and Final)
- The electrical engineer will coordinate with power and communication utilities.
- Contract documents will be submitted electronically in PDF format.
- Architectural/structural design for the lift station shelter/enclosure is not required. Assume pre-manufactured shelter/enclosure with design/specifications by manufacturer.
- Assumes stormwater management/treatment to be provided for the new roadway extension only. Improvements at three existing intersections and south end S. 1st Street will utilize the existing storm drain system and not require any new stormwater management/treatment.
- Franchise utility design (power, gas, telephone, fiber, communications) to be completed and documented by utility provider. City to coordinate franchise/service agreements with utility providers.
- **Specifications to be in CSI format. (Amended with WO2.)**

Task 6 – Permitting Coordination/Support

The purpose of this task is to prepare permit applications and materials, permit tracking, and schedule of permit submittals.

Task: 6.1 Utility Design DEQ (Lift Station) and OHA (Water) (Leeway Engineering and Grayling)

Leeway will lead the permitting effort as needed for the sanitary and water utilities. Permits include:

- Preparation and submittal of plan set to DEQ for review and approval of the lift station, force main(s), and sanitary sewers. As part of this effort, Leeway will help prepare a Land Use Compatibility Statement (LUCS) and coordinate with the City. **(Amended with WO2 to include update to this document to reflect revised pump station configuration.)**

Task: 6.4 Building Permit – Lift Station (Grayling/Otak)

~~Grayling Otak will take the lead in coordinating the building permit submittal to the City for the new lift station building. the steps required to acquire a Building Permit for structures related to the lift station. Activities will include coordination with a manufacturer for structural drawings and calculations in support of the building permit application. (Amended with WO2)~~

Assumptions:

- ~~▫ The building permit application will be made by the contractor. (Amended with WO2)~~

- ~~▪ Otak will coordinate providing the drawings and calculations needed to accompany the contractor's building permit application. (**Amended with WO2**)~~
- City will pay all permitting fees.
- ~~▪ Lift station shelter/enclosure is a pre-manufactured structure. No architectural or building structural design is required from the Design team. Otak will provide structural footing design for pre-manufactured building loads to support contractor's building permit application. (**Amended with WO2**)~~

Deliverables:

- Building Permit submittal package (lift station structure)

S.1st and Strand Streets - Roadway and Utility Extensions

Fee Estimate - WO#2

Summary of Otak, Inc. and all Subconsultants

Otak Project # 019823.000

Task	Description	Otak, Inc.	Mayer/Reed	NV5	Leeway Engineering	DKS Associates	Grayling Engineers	Total Hours	Total Budget by Task
1	Project Management (Tasks 2-6 duration)	8	0	0	0	0	0	8	\$1,260.00
1.1	Project Management and Administration	-64	0	0	0	0	0	-64	(\$10,080.00)
1.2	Project Coordination, Meetings, and Schedule	72	0	0	0	0	0	72	\$11,340.00
2	Topographic Survey and Geotechnical / Environmental Investigation	0	0	0	0	0	0	0	\$0.00
2.1	Topographic Survey (Otak)	0	0	0	0	0	0	0	\$0.00
2.2	Geotechnical (GeoDesign)	0	0	0	0	0	0	0	\$0.00
2.3	Environmental Investigation (GeoDesign)	0	0	0	0	0	0	0	\$0.00
3	Alignment Alternatives/Concept Development Plans	0	0	0	0	0	0	0	\$0.00
3.1	Planning Code and Zoning Requirements	0	0	0	0	0	0	0	\$0.00
3.2	Alignment Alternatives (2) (10%)	0	0	0	0	0	0	0	\$0.00
3.3	Concept Development Plan	0	0	0	0	0	0	0	\$0.00
3.4	Scoring Criteria / Worksession	0	0	0	0	0	0	0	\$0.00
4	Road and Utility Extensions: Preliminary Design (30%)	0	0	0	0	0	0	0	\$0.00
4.1	Development of 30% Roll-map Plans	0	0	0	0	0	0	0	\$0.00
4.2	Stormwater Management	0	0	0	0	0	0	0	\$0.00
4.3	Lift Station Relocation Analysis	0	0	0	0	0	0	0	\$0.00
4.4	30% Cost Estimate/Constructability Review	0	0	0	0	0	0	0	\$0.00
4.5	Development of 30% Plans - Strand Street Reconstruction and Cowlitz East Extension (WO#1)	0	0	0	0	0	0	0	\$0.00
5	Road and Utility Extensions: Final Design (90% and Final PS&E)	96	228	0	48	0	248	620	\$81,822.00
5.1	90% and Final PS&E	-74	228	0	48	0	80	282	\$35,104.00
5.2	Stormwater Management Design and Report	0	0	0	0	0	0	0	\$0.00
5.3	Lift Station Design Documents	170	0	0	0	0	168	338	\$46,718.00
6	Permitting Coordination/Support	14	0	0	0	0	32	46	\$6,058.00
6.1	Utility Design - DEQ (Lift Station)	0	0	0	0	0	32	32	\$4,384.00
6.2	1200-C Erosion and Sediment Control	0	0	0	0	0	0	0	\$0.00
6.3	Grading Permit (Columbia County)	0	0	0	0	0	0	0	\$0.00
6.4	Building Permit (Lift Station, Gateway)	14	0	0	0	0	0	14	\$1,674.00
7	Bid Documents and Bidding Assistance - RESERVED - TBD	0	0	0	0	0	0	0	\$0.00
7.1	Bidding Assistance	0	0	0	0	0	0	0	\$0.00
8	Construction Management Services - RESERVED - TBD	0	0	0	0	0	0	0	\$0.00
8.1	Construction Management / Administration	0	0	0	0	0	0	0	\$0.00
8.2	Pre-construction and Site Meetings	0	0	0	0	0	0	0	\$0.00
8.3	Construction Engineering (Responding to RFIs, Review Shop Drawings and Submittals)	0	0	0	0	0	0	0	\$0.00
8.4	Construction Inspection	0	0	0	0	0	0	0	\$0.00
8.5	As-built Survey and Drawings	0	0	0	0	0	0	0	\$0.00
8.6	Project Close-out	0	0	0	0	0	0	0	\$0.00
	Total Hours	118	228	0	48	0	280	674	
	Total Labor Cost	\$12,978.00	\$26,450.00	\$0.00	\$7,336.00	\$0.00	\$42,376.00		\$89,140.00
	Direct Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,902.00		\$13,902.00
	Subconsultant Administration	\$4,503.20							\$4,503.20
	Project Total	\$17,481.20	\$26,450.00	\$0.00	\$7,336.00	\$0.00	\$56,278.00		\$107,545.20

S.1st and Strand Streets - Roadway and Utility Extensions

Fee Estimate - WO#2

Otak, Inc.

Otak Project # 019823.000

Task	Description	Sr. PIC/Sr. PM Civil	Civil Engineer IX	Civil Engineer IX	Civil Engineer IV	Engineering Designer IV	Engineering Tech IV	Civil Engineer VI	Engineering Designer IV	Civil Engineer VII	Civil Engineer III	Studio Leader	Project Manager/ Design	Architectural Tech III	Survey Office Tech III	Landscape Architect IV	Construction Manager VI	Project Coordinator I	Project Admin Assist		Total Hours	Total Budget by Task
1	Project Management	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	8	\$1,260.00
1.1	Project Management and Administration		-32															-32	0		-64	(\$10,080.00)
1.2	Project Coordination, Meetings, and Schedule		36															36	0		72	\$11,340.00
5	Road and Utility Extensions: Final Design (90% and Final PS&E)	0	-10	0	-40	-40	0	0	0	16	36	4	40	74	0	16	0	0	0	0	96	\$10,044.00
5.1	90% and Final PS&E		-10		-40	-40										16					-74	(\$9,482.00)
5.2	Stormwater Management Design and Report																				0	\$0.00
5.3	Lift Station Design Documents									16	36	4	40	74					0		170	\$19,526.00
6	Permitting Coordination/Support	0	0	0	0	0	0	0	0	0	0	2	4	8	0	0	0	0	0	0	14	\$1,674.00
6.1	Utility Design - DEQ (Lift Station)																		0		0	\$0.00
6.2	1200-C Erosion and Sediment Control																		0		0	\$0.00
6.3	Grading Permit (Columbia County)																		0		0	\$0.00
6.4	Building Permit (Lift Station Structure)											2	4	8					0		14	\$1,674.00
7	Bid Documents and Bidding Assistance - RESERVED - TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
7.1	Bidding Assistance																				0	\$0.00
8	Construction Management Services - RESERVED - TBD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
8.1	Construction Management / Administration																				0	\$0.00
8.2	Pre-construction and Site Meetings																				0	\$0.00
8.3	Construction Engineering (Responding to RFIs, Review Shop Drawings and Submittals)																				0	\$0.00
8.4	Construction Inspection																				0	\$0.00
8.5	As-built Survey and Drawings																				0	\$0.00
8.6	Project Close-out																					
		0	-6	0	-40	-40	0	0	0	16	36	6	44	82	0	16	0	4	0	0	118	
	Current Billing Rate	\$285.00	\$193.00	\$193.00	\$128.00	\$112.00	\$101.00	\$149.00	\$112.00	\$157.00	\$113.00	\$203.00	\$135.00	\$91.00	\$104.00	\$128.00	\$202.00	\$122.00	\$83.00			
	Annualized Billing Rate	\$285.00	\$193.00	\$193.00	\$128.00	\$112.00	\$101.00	\$149.00	\$112.00	\$157.00	\$113.00	\$203.00	\$135.00	\$91.00	\$104.00	\$128.00	\$202.00	\$122.00	\$83.00	\$0.00		
	Total Labor Cost	\$0.00	(\$1,158.00)	\$0.00	(\$5,120.00)	(\$4,480.00)	\$0.00	\$0.00	\$0.00	\$2,512.00	\$4,068.00	\$1,218.00	\$5,940.00	\$7,462.00	\$0.00	\$2,048.00	\$0.00	\$488.00	\$0.00	\$0.00		\$12,978.00
	Direct Expenses																					\$0.00
	Subconsultant Administration																					\$4,503.20
	Project Total																					\$17,481.20

S.1st and Strand Streets - Roadway and Utility Extensions

Fee Estimate - WO#2

Mayer/Reed

Otak Project # 019823.000

Task	Description	Principal Landscape	Principal Vis Comm	Project Manager	Landscape Architect	Landscape Designer	Vis Comm Designer	Total Hours	Total Budget by Task
5	Road and Utility Extensions: Final Design (90% and Final PS&E)	10	2	38	50	102	26	228	\$26,450.00
5.1	90% and Final PS&E	10	2	38	50	102	26	228	\$26,450.00
5.2	Stormwater Management Design and Report							0	\$0.00
5.3	Lift Station Design Documents							0	\$0.00
								0	\$0.00
6	Permitting Coordination/Support	0	0	0	0	0	0	0	\$0.00
6.1	Utility Design - DEQ (Lift Station)							0	\$0.00
6.2	1200-C Erosion and Sediment Control							0	\$0.00
6.3	Grading Permit (Columbia County)							0	\$0.00
6.4	Building Permit (Lift Station, Gateway)							0	\$0.00
								0	\$0.00
7	Bid Documents and Bidding Assistance - RESERVED - TBD	0	0	0	0	0	0	0	\$0.00
7.1	Bidding Assistance							0	\$0.00
								0	\$0.00
8	Construction Management Services - RESERVED - TBD	0	0	0	0	0	0	0	\$0.00
8.1	Construction Management / Administration							0	\$0.00
8.2	Pre-construction and Site Meetings							0	\$0.00
8.3	Construction Engineering (Responding to RFIs, Review Shop Drawings and Submittals)							0	\$0.00
8.4	Construction Inspection							0	\$0.00
8.5	As-built Survey and Drawings							0	\$0.00
8.6	Project Close-out								
	<i>Total Hours</i>	10	2	38	50	102	26	228	\$26,450.00
	<i>Billing Rate</i>	\$210.00	\$210.00	\$115.00	\$130.00	\$100.00	\$110.00		
	<i>Total Labor Cost</i>	\$2,100.00	\$420.00	\$4,370.00	\$6,500.00	\$10,200.00	\$2,860.00		
	<i>Direct Expenses</i>								
	Project Total								\$26,450.00

S.1st and Strand Streets - Roadway and Utility Extensions

Fee Estimate - WO#2

Leeway Engineering

Otak Project # 019823.000

Task	Description	Principal Engineer	Senior Engineer	Project Engineer	Staff Engineer	Total Hours	Total Budget by Task
5	Road and Utility Extensions: Final Design (90% and Final PS&E)	8	0	24	16	48	\$7,336.00
5.1	90% and Final PS&E	8		24	16	48	\$7,336.00
5.2	Stormwater Management Design and Report					0	\$0.00
5.3	Lift Station Design Documents					0	\$0.00
						0	\$0.00
6	Permitting Coordination/Support	0	0	0	0	0	\$0.00
6.1	Utility Design - DEQ (Lift Station)					0	\$0.00
6.2	1200-C Erosion and Sediment Control					0	\$0.00
6.3	Grading Permit (Columbia County)					0	\$0.00
6.4	Building Permit (Lift Station Structure)					0	\$0.00
						0	\$0.00
7	Bid Documents and Bidding Assistance - RESERVED - TBD	0	0	0	0	0	\$0.00
7.1	Bidding Assistance					0	\$0.00
						0	\$0.00
8	Construction Management Services - RESERVED - TBD	0	0	0	0	0	\$0.00
8.1	Construction Management / Administration					0	\$0.00
8.2	Pre-construction and Site Meetings					0	\$0.00
8.3	Construction Engineering (Responding to RFIs, Review Shop Drawings and Submittals)					0	\$0.00
8.4	Construction Inspection					0	\$0.00
8.5	As-built Survey and Drawings					0	\$0.00
8.6	Project Close-out						
	<i>Total Hours</i>	8	0	24	16	48	
	<i>Billing Rate</i>	\$234.00	\$179.00	\$155.00	\$109.00		
	<i>Total Labor Cost</i>	\$1,872.00	\$0.00	\$3,720.00	\$1,744.00		\$7,336.00
	<i>Direct Expenses</i>						\$0.00
	Project Total						\$7,336.00

S.1st and Strand Streets - Roadway and Utility Extensions

Fee Estimate - WO#2

Grayling Engineers

Otak Project # 019823.000

Task	Description	Senior Engineer	Design Engineer III	Design Engineer II	Design Engineer I	CAD / GIS	Electrical Engineer	Total Hours	Total Budget by Task
5	Road and Utility Extensions: Final Design (90% and Final PS&E)	60	88	0	100	0	0	248	\$37,992.00
5.1	90% and Final PS&E		40		40			80	\$10,800.00
5.2	Stormwater Management Design and Report							0	\$0.00
5.3	Lift Station Design Documents	60	48		60			168	\$27,192.00
								0	\$0.00
6	Permitting Coordination/Support	8	0	0	24	0	0	32	\$4,384.00
6.1	Utility Design - DEQ (Lift Station)	8			24			32	\$4,384.00
6.2	1200-C Erosion and Sediment Control							0	\$0.00
6.3	Grading Permit (Columbia County)							0	\$0.00
6.4	Building Permit (Lift Station Structure)							0	\$0.00
								0	\$0.00
7	Bid Documents and Bidding Assistance - RESERVED - TBD	0	0	0	0	0	0	0	\$0.00
7.1	Bidding Assistance							0	\$0.00
								0	\$0.00
8	Construction Management Services - RESERVED - TBD	0	0	0	0	0	0	0	\$0.00
8.1	Construction Management / Administration							0	\$0.00
8.2	Pre-construction and Site Meetings							0	\$0.00
8.3	Construction Engineering (Responding to RFIs, Review Shop Drawings and Submittals)							0	\$0.00
8.4	Construction Inspection							0	\$0.00
8.5	As-built Survey and Drawings							0	\$0.00
8.6	Project Close-out								
	<i>Total Hours</i>	68	88	0	124	0		280	
	<i>Billing Rate</i>	\$215.00	\$159.00	\$132.00	\$111.00	\$100.00			
	<i>Total Labor Cost</i>	\$14,620.00	\$13,992.00	\$0.00	\$13,764.00	\$0.00			\$42,376.00
	<i>Direct Expenses</i>						\$13,902		\$13,902.00
	Project Total								\$56,278.00