**THIRD 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 August 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 task for bid documents and bidding assistance in work with the City to answer questions during the bid advertisement process. prepare addenda as needed and assist the City with the evaluation of proposals and final contractor selection.

C. The Contractor has provided a revised Scope of Work, Work Order No. 3, 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. 3 shall be a not to exceed amount of $55,793.33.

3. All other terms of the original contract not specifically amended by this agreement remain in full force and effect.

Dated this _____ day of August 2022.

**Contractor**

Millicent Williams
Digitally signed by Millicent Williams
DN: C=US, E=millicent.williams@otak.com, O="Otak, Inc.", OU=WRSW Washington Public Sector, CN=Millicent Williams
Date: 2022.08.11 13:23:25-07'00'

_____

Date: August 11, 2022

**City**

_____
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. 3

July 20, 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<br><br>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 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/striping 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)
- ***WO#3 Amendments:***
  - ***Addition of lighting along the bluff trail***
  - ***Changes between bollards and light fixtures along the bluff trail resulted in redoing photometric analysis***
  - ***Revisions to project phasing resulted to changes to project design components***
  - ***Addition of receptacles and associated circuitry***
  - ***Change to City owned and maintained lighting system resulted in service cabinets, wiring diagrams, and circuitry***

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, amenitites.*
    - *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.*
- ***WO#3 Amendments:***
  - ***Finalization of concrete scoring and addition of more layout information to the site plans.***
    - ***Added more detailed information and plan enlargements at Tualatin stairway.***
    - ***Changed paver and scoring layout at Strand Street and Cowlitz turnaround, added more detail and plan enlargements for guardrail, handrails and stairs.***
  - ***Coordination, detailing and specifications for custom traffic arm and stair handrails.***
  - ***Irrigation - Addition of irrigation pipe sizing to plans.***
  - ***Planting - Added more detailed plant layout in stormwater planters.***
  - ***Specifications – significant revisions to:***
    - ***Stone veneer site walls: added precast concrete info, relocated section w/in specs***
    - ***Seeding & Planting sections, added info for soil testing & imported topsoil***

### *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 7 – Bid Documents and Bidding Assistance

***The purpose of this task to work with the City to answer questions during the bid advertisement process and prepare addenda as needed. At the close of bidding, Otak will help the City evaluate proposals and make a final selection.***

### *Task 7.1: Bid Assistance*

***Consultant will assist City with advertising project to construction contractors and bid assistance, bid review, and bid award. Tasks will include:***

- ***Assist City with posting bidding documents for contractors. (Otak only)***
- ***Assist at pre-bid meeting and site tour (including assistance with agenda and sign-in sheet) and provide meeting notes. (Otak only)***
- ***Assist with bid inquiries and questions. Otak to manage distribution to subconsultants for questions and collect responses to provide to City for distribution to contractors. (All consultants)***
- ***Assist with development of addenda and letters of clarification as needed. (Up to three total addenda/letters of clarification.) Otak to manage with input from consultant team. (All consultants)***
- ***Attend bid opening. (Otak only)***
- ***Perform review of contractor bids. (All consultants)***
- ***Prepare bid tabulation and provide recommendation to award and assist City with award of contract. (Otak only)***
- ***Provide the City with four copies of the Conformed Plans and Specifications to include any changes to plans and specifications as a result of the written form narrative addenda. Otak will collect revised plans from consultants and slip in to plan set.***

***Deliverables:***

- ***Responses to bid inquiries and questions.***
- ***Attendance at pre-bid meeting and site tour with meeting notes to City.***
- ***Development of up to three addenda and letters of clarification.***
- ***Bid tabulation and review/recommendation of contractor bids with City.***
- ***Four copies of conformed plans and specs.***

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

*Fee Estimate - WO#3*
*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 |
|---|---|---|---|---|---|---|---|---|---|
| **5** | **Road and Utility Extensions: Final Design (90% and Final PS&E)** | **0** | **170** | **0** | **-32** | **90** | **0** | **228** | **$29,032.50** |
| 5.1 | 90% and Final PS&E | 0 | 170 | 0 | -32 | 90 | 0 | 228 | $29,032.50 |
| 5.2 | Stormwater Management Design and Report | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $0.00 |
| 5.3 | Lift Station Design Documents | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | $0.00 |
| 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) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $0.00 |
| | | | | | | | | | |
| **7** | **Bid Documents and Bidding Assistance** | **74** | **33** | **14** | **32** | **34** | **36** | **223** | **$37,721.00** |
| 7.1 | Bidding Assistance | 74 | 33 | 14 | 32 | 34 | 36 | 223 | $37,721.00 |
| | | | | | | | | | |
| 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* | 74 | 203 | 14 | 0 | 124 | 36 | 451 | |
| | | | | | | | | | |
| | *Total Labor Cost* | *$12,366.00* | *$25,387.50* | *$3,136.00* | *$0.00* | *$20,460.00* | *$5,404.00* | | ***$66,753.50*** |
| | *Direct Expenses* | *$1,200.00* | *$0.00* | *($18,000.00)* | *$0.00* | *$0.00* | *$3,829.00* | | ***($12,971.00)*** |
| | *Subconsultant Administration* | *$2,010.83* | | | | | | | ***$2,010.83*** |
| | **Project Total** | $15,576.83 | $25,387.50 | ($14,864.00) | $0.00 | $20,460.00 | $9,233.00 | | **$55,793.33** |

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

*Fee Estimate - WO#3*
*Otak, Inc.*
*Otak Project # 019823.000*

| Task | Description | Civil Engineer IX | Construction Doc Spec III | Project Corodinator I | | Total Hours | Total Budget by Task |
|---|---|---|---|---|---|---|---|
| **7** | **Bid Documents and Bidding Assistance** | **38** | **32** | **4** | **0** | **74** | **$12,366.00** |
| 7.1 | Bidding Assistance | 38 | 32 | 4 | | 74 | $12,366.00 |
| | | | | | | | |
| 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 | | | | | | |
| | | 38 | 32 | 4 | 0 | 74 | |
| | *Current Billing Rate* | $201.00 | $134.00 | $110.00 | | | |
| | *Annualized Billing Rate* | $201.00 | $134.00 | $110.00 | $0.00 | | |
| | *Total Labor Cost* | *$7,638.00* | *$4,288.00* | *$440.00* | *$0.00* | | ***$12,366.00*** |
| | *Direct Expenses* | | | | | | ***$1,200.00*** |
| | *Subconsultant Administration* | | | | | | ***$2,010.83*** |
| | **Project Total** | | | | | | **$15,576.83** |

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

*Fee Estimate - WO#3*

*DKS Associates*

*Otak Project # 019823.000*

| *Task* | *Description* | *Principal (Grade 43)* | *QAQC Engineer (Grade 37)* | *Project Manager (Grade 34)* | *Project Engineer (Grade 24)* | *Egineering Assistant (Grade 18)* | *Cadd Technician (Grade 12)* | *Admin (tech V)* | *Total Hours* | *Total Budget by Task* |
|---|---|---|---|---|---|---|---|---|---|---|
| **5** | **Road and Utility Extensions: Final Design (90% and Final PS&E)** | **0** | **4** | **14** | **28** | **28** | **16** | **0** | **90** | **$14,460.00** |
| 5.1 | 90% and Final PS&E | | 4 | 14 | 28 | 28 | 16 | | 90 | $14,460.00 |
| | | | | | | | | | 0 | $0.00 |
| **7** | **Bid Documents and Bidding Assistance** | **0** | **0** | **14** | **8** | **8** | **4** | **0** | **34** | **$6,000.00** |
| 7.1 | Bidding Assistance | | | 14 | 8 | 8 | 4 | | 34 | $6,000.00 |
| | | | | | | | | | 0 | $0.00 |
| **8** | **Construction Management Services - RESERVED - TBD** | **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 | | | | | | | | | |
| | *Total Hours* | 0 | 4 | 28 | 36 | 36 | 20 | 0 | 124 | |
| | *Billing Rate* | $265.00 | $235.00 | $220.00 | $170.00 | $140.00 | $110.00 | $140.00 | | |
| | *Total Labor Cost* | *$0.00* | *$940.00* | *$6,160.00* | *$6,120.00* | *$5,040.00* | *$2,200.00* | *$0.00* | | ***$20,460.00*** |
| | *Direct Expenses* | | | | | | | | | ***$0.00*** |
| | | | | | | | | | | |
| | **Project Total** | | | | | | | | | **$20,460.00** |

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

*Fee Estimate - WO#3*
*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** | **0** | **49** | **22** | **89** | **0** | **170** | **$20,452.50** |
| 5.1 | 90% and Final PS&E | 10.0 | | 49.0 | 22.0 | 89.25 | | 170 | $20,452.50 |
| 5.2 | Stormwater Management Design and Report | | | | | | | 0 | $0.00 |
| 5.3 | Lift Station Design Documents | | | | | | | 0 | $0.00 |
| | | | | | | | | 0 | $0.00 |
| **7** | **Bid Documents and Bidding Assistance** | **1** | **0** | **16** | **8** | **0** | **8** | **33** | **$4,935.00** |
| 7.1 | Bidding Assistance | **1** | **0** | **16** | **8** | **0** | **8** | 33 | $4,935.00 |
| | | | | | | | | 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 | | | | | | | | |
| | *Total Hours* | 11 | 0 | 65 | 30 | 89 | 8 | 203 | |
| | *Billing Rate* | $215.00 | $215.00 | $140.00 | $155.00 | $90.00 | $155.00 | | |
| | *Total Labor Cost* | *$2,365.00* | *$0.00* | *$9,100.00* | *$4,650.00* | *$8,032.50* | *$1,240.00* | | ***$25,387.50*** |
| | *Direct Expenses* | | | | | | | | |
| | | | | | | | | | |
| | **Project Total** | | | | | | | | **$25,387.50** |

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

*Fee Estimate - WO#3*
*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** | **-12** | **-12** | **0** | **-32** | **($5,880.00)** |
| 5.1 | 90% and Final PS&E | -8 | -12 | -12 | | -32 | ($5,880.00) |
| 5.2 | Stormwater Management Design and Report | | | | | 0 | $0.00 |
| 5.3 | Lift Station Design Documents | | | | | 0 | $0.00 |
| | | | | | | 0 | $0.00 |
| **7** | **Bid Documents and Bidding Assistance** | **8** | **12** | **12** | **0** | **32** | **$5,880.00** |
| 7.1 | Bidding Assistance | 8 | 12 | 12 | | 32 | $5,880.00 |
| | | | | | | 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 | | | | | | |
| | *Total Hours* | 0 | 0 | 0 | 0 | 0 | |
| | *Billing Rate* | $234.00 | $179.00 | $155.00 | $109.00 | | |
| | *Total Labor Cost* | *$0.00* | *$0.00* | *$0.00* | *$0.00* | | ***$0.00*** |
| | *Direct Expenses* | | | | | | ***$0.00*** |
| | | | | | | | |
| | **Project Total** | | | | | | **$0.00** |

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

*Fee Estimate - WO#3*
*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 |
|---|---|---|---|---|---|---|---|---|---|
| **7** | **Bid Documents and Bidding Assistance** | **8** | **12** | **0** | **16** | **0** | **0** | **36** | **$5,404.00** |
| 7.1 | Bidding Assistance | 8 | 12 | | 16 | | | 36 | $5,404.00 |
| | | | | | | | | 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 | | | | | | | | |
| | *Total Hours* | 8 | 12 | 0 | 16 | 0 | | 36 | |
| | *Billing Rate* | $215.00 | $159.00 | $132.00 | $111.00 | $100.00 | | | |
| | *Total Labor Cost* | *$1,720.00* | *$1,908.00* | *$0.00* | *$1,776.00* | *$0.00* | | | ***$5,404.00*** |
| | *Direct Expenses* | | | | | | *$3,829* | | ***$3,829.00*** |
| | | | | | | | | | |
| | **Project Total** | | | | | | | | **$9,233.00** |

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

*Fee Estimate - WO#3*

*NV5*

*Otak Project # 019823.000*

| *Task* | *Description* | *Principal* | *Total Hours* | *Total Budget by Task* |
|---|---|---|---|---|
| **7** | **Bid Documents and Bidding Assistance** | **14** | **14** | **$3,136.00** |
| 7.1 | Bidding Assistance | 14 | 14 | $3,136.00 |
| | | | 0 | $0.00 |
| **8** | **Construction Management Services - RESERVED - TBD** | **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 | | | |
| | *Total Hours* | 14 | 14 | |
| | *Billing Rate* | $224.00 | | |
| | *Total Labor Cost* | *$3,136.00* | | ***$3,136.00*** |
| | *Direct Expenses* | | *($18,000)* | ***($18,000.00)*** |
| | | | | |
| | **Project Total** | | | **($14,864.00)** |