

**FOURTH 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 October 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 the additional task of Construction Management and Inspection services for the duration of the project is needed.
- C. The Contractor has provided a revised Scope of Work, Work Order No. 4, 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. 4 shall be a not to exceed amount of \$486,263.25.
- 3. All other terms of the original contract not specifically amended by this agreement remain in full force and effect.

Dated this 10th day of October 2022.

Contractor

City

Millicent Williams Digitally signed by Millicent Williams
DN: c=US, e=millicent.williams@otak.com,
o=Otak, Inc., ou=CRS&W Washington Public
Sector, cn=Millicent Williams
Date: 2022.10.10 15:34:19-07'00'

Rick Scholl, Mayor

Date: October 10, 2022

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. 4

October 6, 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 fantastic 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. The original contract was amended 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/drop off 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. 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.

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. The 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.

Base Contract includes street construction of S. 1st Street from Tualatin Street to Cowlitz Street, all the Cowlitz Street improvements, and Strand Street from its existing southern terminus to the Courthouse. Base contract also includes construction of the new pump station, the pathway along the bluff (including lighting and landscaping), and the two water quality swale facilities. Storm drain improvements within Base contract include all storm line construction within the street improvements described above, storm main construction within S. 1st Street (from Plymouth to Tualatin Street), Tualatin Street, and Strand Street (from Tualatin Street to existing southern terminus of Strand Street). Sewer construction includes the force main connection between the pump station and wastewater treatment plant along with all the gravity sewer construction shown on the plans. Water construction includes all the water line improvements proposed within the street improvements mentioned above along with the water construction proposed between Tualatin Street and Plymouth Street.

Add 1 includes the street construction of Tualatin Street, Street A, and Strand Street (from Tualatin Street to the existing southern terminus of Strand Street). The street construction is inclusive of furnishings, lighting, and landscaping within the limits of Add 1. Water construction for Add 1 includes construction of the waterline extension between the end of existing Strand Street and the intersection of S. 1st Street and Tualatin Street. Stormwater construction for Add 1 includes catch basins for new street construction of Strand Street and Tualatin Street as well as Street A.

Design Team: Roles and Responsibilities

Firm/Lead	Responsibilities
Otak, Inc. / Michael Williams, Mandy Flett, David Brodkey, Keith Buisman, PE; Rose Horton, PE; Jon Yamashita, PLS	Construction Management and Inspection, Construction Administration, Civil/Roadway Design and Utility Coordination, Stormwater Management, Survey
Mayer/Reed, Inc. / 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 8 – Construction Management Services

The purpose of this task is to provide Construction Management and Inspection services for the duration of the project. The duration of this contract is assumed to be from October 2022 through October 2024. The duration of the on-site construction work is assumed to be from October 2022 through September 2024 for substantial completion of the constructed project. Work included within this task is as follows:

Task: 8.1 Project Management

This task will be conducted by the City team and will include:

- Project Management and Coordination. This activity is continuous throughout the duration of the Pre-Construction and Construction Phases. The CM Team will support the City’s, direction, and control of the services described in this Scope of Work. The City will direct the consultant team

regarding overall CM, inspection, engineering activities, and team meetings. The City will maintain communication and coordination between consultant staff, EOR, Construction Contractor, and other project stakeholders.

- The Otak CM Team will provide support to the City and manage the subcontractor EORs up to the hours provided.
- Status Reports and Invoices. For each month the CM Project Manager will produce a status report and will submit this along with an invoice detailing out the previous month's work.

Assumptions:

- This task is on-going for the full duration of the construction contract and will be handled by the City. (Estimated at 24 months).

Deliverables

- Monthly status reports and invoices. (Assumes up to 24 invoices and reports).

Task: 8.2 Pre-construction Phase Services

This task will be conducted by the consultant team and will include:

- Review of contract documents. This activity allows the CM team to familiarize itself with the 100% plans, specifications, and supporting design reports prepared by the EOR.
- Develop a Project Management and Communication Plan.
- Review preliminary contractor submittals as needed. It is anticipated that prior to the construction phase, there will be critical path submittals from the Contractor that must be reviewed and coordinated with the EOR. This task will allow the CM Team to begin work on submittal review and coordination prior to the construction phase.
- Attend, facilitate, and participate in the Pre-Construction Meeting. Prior to the construction phase, it is anticipated that a pre-construction meeting will be held onsite with the Contractor and other stakeholders to serve as an opportunity for formal introduction, collaboration, and schedule discussions.

Public Open House

The CM Team will prepare for and support the city with one (1) public open house for the business owners and residences to provide an update on the S 1st Street - Strand Street Road and Utilities Extension Project, S 1st Street - St. Helens Street Intersection Improvements Project, and the Riverwalk project with the Construction Project Manager.

Assumptions:

- This task assumes pre-construction services will conclude in July 2022 once the construction phase commences.
- This task assumes the participation of up to two (2) Consultant Project Manager, Lead Construction Inspector and one (1) EOR's attend a ninety (90) minute meeting pre-construction meeting and provide meeting notes.
- This task assumes the participation of up to one (1) Consultant Project Manager and two (2) EOR's in a ninety (90) minute meeting public open house.

Deliverables

- Prepare for and participate in one ninety (90) minute Pre-Construction meeting.
- Prepare for and participate in one ninety (90) minute Open House.
- Develop a Project Management and Communication Plan.

Task 8.3: Construction Management and Contract Administration

The City will provide day-to-day management and administration of the construction contract. This task will be primarily conducted by the City and will include:

- Monitor overall budget and costs included in the project authorization.
- Monitor and evaluate the construction schedule and determine whether the construction contractor is proceeding in a manner that will result in timely project completion.
- Maintain contact between the Contractor, City, EOR, and stakeholders.
- Respond to daily construction issues and research with appropriate parties to resolve issues at lowest possible level with Contractor.

The consultant will provide the following service under this task:

- The Lead Construction Inspector can authorize minor variations in the work which do not involve an adjustment in the contractor's contract price nor time for construction.

Weekly Construction Progress Meetings

The CM Team will facilitate and attend weekly on-site construction progress meetings with the Construction Project Manager, Lead Inspector, Construction Contractor, and other project stakeholders. Meetings will review project schedule, status of submittals and Requests for Information (RFIs), review of pending change orders, and construction issues for resolution. The CM Team will distribute meeting minutes. Meetings are anticipated to be one hour long each. Meetings to be virtual for design team members.

Monthly Construction Progress Estimates

The City will work closely with the Construction Contractor to establish monthly estimated quantities for payment based on an approved contract schedule of values.

The City will receive and review the Contractor's requests for payment. The City will determine whether the amount requested reflects the progress of the Contractor's work and is in accordance with the contract for construction

Change Orders, Claims, and Disputes

The CM Team will support the City and EOR on contractor-initiated change order requests. The City will vet the request in consultation with the CM team and provide them authorization to produce recommendations for pricing and obtain EOR approval as required. With backup documentation from the CM team, the City will determine final change order pricing and prepare any change order document(s).

Assumptions:

- A maximum of 12 change order requests involving adjustments to contract time and/ or contract cost.
- Administrative change orders that do not require schedule analysis or the production of pricing recommendations are not included in the quantity assumption.
- This task is on-going throughout the duration of the construction contract (estimated at 28 months (October 2022-September 2024)).
- This task assumes monthly estimates for the full duration of the construction contract for the City to review and approve.
- Assumes supporting the city's review of up to twelve (12) change orders.
- Time for the design team to attend meetings is accounted for under task 8.4.
- Leeway will not be involved with any construction meetings or review of estimates.

Deliverables:

- Meeting agenda and minutes.

Task 8.4: Construction Engineering (Responding to RFIs, Review Shop Drawings and Submittals, Provide Plan Revisions)

The CM Team will review construction shop drawings, RFIs, and submittals electronically. The CM Team will log in each submittal/RFI when it arrives, distribute accordingly to appropriate review staff, track the submittal/RFI to ensure a timely response, and log out the reviewed submittal/RFI when it is returned to the construction contractor. This task also includes development of the interpretive content and preparation of the artwork for pedestrian signage.

Engineering Design Modifications

- Provide engineering design changes for up to seven (7) design changes as authorized by the City.

Assumptions:

- Otak will review, coordinate, and distribute RFI and submittal responses with the City to the contractor.
- This task is on-going throughout the duration of the construction contract and assumes eighty-three (83) submittals and fifty-five (55) RFIs or up to the budgeted amount.
 - Estimated breakdown:
 - Otak: 30 submittals and 30 RFIs
 - Mayer/Reed: 16 submittals and 10 RFIs
 - Leeway: 10 submittals and 4 RFIs
 - Grayling: 22 submittals and 7 RFIs
 - DKS: 11 submittals and 4 RFIs
 - NV5: 2 geotechnical RFIs and 2 environmental RFIs
- Assume up to 40 hours for each design change for a total of 280 hours.
 - Estimated breakdown:
 - Otak: 3 design revisions
 - Mayer/Reed: 1 design revision
 - Leeway: 1 design revision
 - Grayling: 1 design revision
 - DKS: 1 design revision
- This task includes time for the design team to provide consultation and meeting attendance throughout the duration of the construction contract or up to the budgeted amount:
 - Estimated breakdown:
 - Otak hours are assumed under Task 8.3
 - Mayer/Reed: 40 hours
 - Leeway: 6 hours
 - Grayling: 40 hours
 - DKS: 16 hours
 - NV5: 20 hours (geotechnical/environmental)
- Environmental site visits and/or soil sampling will not be required during construction. If required, we will submit an addendum to address the additional effort.

Deliverables

- Submittal and RFI reviews returned to Contractor.
- Submittal and RFI log will be available to view by the City.
- Draft and Final Design revisions (Full Size PDF's).
- Prepare and submit the pump station O&M manual to DEQ at approximately 50% completion.
- Revise and submit the pump station O&M manual incorporating DEQ comments following the startup and project completion.
- Interpretive Signage:
 - Draft text & image selection
 - Revised text, image and panel layout

- Final artwork submission

Task 8.5: Construction Inspection

The CM Team will mobilize a CM/inspector on-site for the duration of construction to provide site coordination and monitor the performance of the Construction Contractor. The on-site CM/Inspector will mobilize in a field office to be provided by the City.

The CM Team will provide on-site monitoring and inspection of construction for conformance with construction contract documents. The CM Team will coordinate and conduct on-site monitoring and inspections, so they do not cause unnecessary adverse impacts to the construction schedule. On-site monitoring and inspections will occur at critical times during the construction process based on the CM Team's evaluation of the Contractor's schedule and construction contract documents.

The CM Team will have inspection staff on-site during key points during construction, see breakdown of hours/days below. The CM Team will monitor the Construction Contractor's quality control process for compliance with the construction contract requirements. The CM Team will prepare one (1) progress report of construction for each site visit made by consultant team staff (the city inspector will be certified to conduct erosion control inspections as part of the DEQ 1200-C NPDES permit requirements and will document those inspections in a separate report). Photos will be taken as part of each site visit and kept for review at Otak's office and placed on the project SharePoint Site. The CM Team will determine and document pay quantities for work and materials incorporated into the project to confirm Construction Contractor monthly invoices.

Should the CM Team discover or believe that any work by the Contractor is not in accordance with the contract for construction, or is otherwise defective, or not conforming to requirements of the contract or applicable rules and regulations, the CM Team will bring this to the attention of the Contractor and the City. The CM Team will there upon monitor the Contractor's corrective actions and shall advise the City as to the acceptability of the corrective actions.

Asphalt Compaction, Reinforcing Steel Placement and Cast In Place Concrete Inspection

The City will perform the inspection of Asphalt Compaction - The on-site inspector will monitor delivery of hot mix asphalt and verify tickets for compliance with the approved mix design. The hot mix asphalt will be monitored for temperature as delivered and placed. During placement of hot mix asphalt the on-site inspector will perform in-place compaction by use of a nuclear densometer in accordance with AASHTO T355.

Reinforcing Steel Placement/Cast In Place Concrete – The City will perform the inspection of the placement of reinforcing steel for compliance with the project requirements for correct size, grade of steel, location, and clearance to forms and/or earthwork. The on-site inspector will continuously monitor placement of cast-in-place concrete for adherence to the project specifications. Each load, as required, will be checked for proper mix design, water/cement ratio, batch weights, adherence to slump requirements, air content, as well as proper methods of placement and consolidation. Compressive strength samples will be cast on concrete delivered to the project.

Landscape Inspection

Design team members will attend on-site inspections to review specific landscape and site furnishing elements.

Sewer/Water

Leeway will perform two (2) site visits during the course of construction and at key milestones to observe and document the work, monitoring the contractor's compliance and conformance with the contract documents.

Pump Station

Grayling will perform periodic site visits during the courses of the construction and at milestones to observe and document the work, monitoring the contractor's compliance and conformance with the contract documents.

Geotechnical Inspection

NV5 will provide geotechnical construction observation services for utility backfill and building subgrade preparation. We will also review materials and other submittals regarding geotechnical aspects of the project and provide appropriate correspondence as needed.

Services will include the following:

- Observe and evaluate building footing subgrades.
- Perform project management tasks, including review of geotechnical related submittals and RFI's, geotechnical field report review, as well as email and telephone correspondence.
- Prepare field reports summarizing our observations following each site visit; provide copies to members of the design and construction teams as required.
- Prepare one geotechnical summary letter for the project.

Assumptions:

- The City will provide a desk for the Otak inspector to utilize during working hours.
- This task is on-going throughout the duration of the construction contract. One CM Inspector will be assigned to the project for the full duration of the project (23 months). This breakdown of hours includes drive time. Additional hours have been assumed for reporting and monthly estimate reviews. The estimated hours assume eight (8) months of one (1) site visit/week at four (4) hours/visit and fifteen (15) months of two (2) site visits/week at four (4) hours/visit.
- Site Visits:
 - Otak: up to six (6) site visits
 - Mayer Reed: up to four (4) site visits to review:
 - Review layout and installation of stonework,
 - Review irrigation layout prior to backfilling,
 - review planting layout and
 - landscape and signage punch walk
 - Leeway: up to two (2) site visits
 - Grayling: up to eight (8) site visits at the following milestones
 - Setting of the wetwell and valve vault
 - Prior to wet well coating
 - Installation of mechanical equipment in the wetwell, valve vault, and control building
 - Pump station commission and start-up (2 days)
 - Pre-final walkthrough for substantial completion
 - Review of mechanical/HVAC and electrical (1 visit/discipline)
 - DKS: up to one (1) site visits to review lighting
 - NV5 will provide up to 5 part-time site visits to observe and evaluate building foundation subgrades.
- NV5 will not provide observation and testing of asphalt concrete.

Deliverables

- Progress reports from inspector for days inspector is on-site.
- Photographs for each day inspector is onsite.
- Geotechnical summary letter
- Geotechnical field reports from site visits.

Task 8.6: As-built Drawings

Otak CM will collaborate with Contractor to maintain “dirty” set of redline drawings during construction. Upon completion of construction, hand-drawn as-built drawings will be prepared and submitted to the City and EOR to be drafted electronically.

Prepare a Construction Completion Report for the Oregon Department of Environmental Quality that summarizes construction activities including a description of measures employed for the handling and management of contaminated soil and groundwater during construction and a description of final cover at the project.

Assumptions:

- Final electronic As-Builts and Record Drawings will be completed and submitted by the EOR.
- Leeway to review Contractor redlines, provide clarification to redlines, and review draft markups. CAD changes to the sewer/water will be done by others.

Deliverables:

- AutoCAD as-built drawings, mylar as-builts (full size), and PDF formats (pdf).

Task 8.7: Final Completion

The CM Team will facilitate project close-out activities with the Construction Contractor, including:

- Create a punch list of corrective action as the Construction Contractor nears substantial completion.
- Monitor punch list work for completion and compliance.
- Deliver project documentation to City.

Assumptions:

- This task includes three (3) punch list site meetings to review draft and final punch lists with contractor and the City.

Deliverables:

- Draft and final punch lists.
- Construction Completion Report for the Oregon Department of Environmental Quality.
- Pump station O&M manual two (2) hard copies.

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

Fee Estimate
 Summary of Otak, Inc. and all Subconsultants
 Otak Project # 19823.100

Task	Description	Otak, Inc.	Mayer Reed	Leeway	Grayling	DKS	NV5	Total Hours	Total Budget by Task
8	Construction Management Services								
8.1	Project Management	400						400	\$51,776.00
8.2	Pre-construction Phase Services	38				4		42	\$6,676.00
8.3	Construction Management and Contract Administration	258						258	\$36,092.00
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)	276	226	91	216	102	32	943	\$150,295.00
8.5	Construction Inspection	879	20	16	42		51	1008	\$145,855.00
8.6	As-built Drawings	108	71	8	72	33		292	\$39,330.00
8.7	Final Completion	70				18		88	\$13,094.00
	<i>Total Hours</i>	2029	317	115	330	157	83	3031	
	<i>Total Labor Cost</i>	\$286,553.00	\$39,305.00	\$20,352.00	\$57,320.00	\$25,655.00	\$13,933.00		\$443,118.00
	<i>Direct Expenses</i>	\$3,400.00	\$150.00	\$297.00	\$27,434.00	\$336.00	\$3,700.00		\$35,317.00
	<i>Subconsultant Administration</i>	\$7,828.25							\$7,828.25
	Project Total	\$297,781.25	\$39,455.00	\$20,649.00	\$84,754.00	\$25,991.00	\$17,633.00		\$486,263.25

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

Fee Estimate

Otak, Inc.

Otak Project # 19823.100

Task	Description	Construction Manager VI	CM Dox Specialist III	Construction Manager II	Field Rep V	Civil Engineer IX	Civil Engineer IV	Engineering Tech V	Project Manager/Design	PIC/Sr. PM Civil	Total Hours	Total Budget by Task
8	Construction Management Services											
8.1	Project Management	16	384								400	\$51,776.00
8.2	Pre-construction Phase Services	2	14		12	10					38	\$5,876.00
8.3	Construction Management and Contract Administration	4	110	100	28	12			4		258	\$36,092.00
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)					44	132	24	40	36	276	\$44,364.00
8.5	Construction Inspection				855	24					879	\$123,693.00
8.6	As-built Drawings		4		4	12	24	48	16		108	\$14,708.00
8.7	Final Completion	2	12	12	40	4					70	\$10,044.00
	<i>Total Hours</i>	24	524	112	939	106	156	72	60	36	2029	
	<i>Current Billing Rate</i>	\$212.00	\$126.00	\$145.00	\$139.00	\$202.00	\$133.00	\$120.00	\$142.00	\$260.00		
	<i>Annualized Billing Rate</i>	\$212.00	\$126.00	\$145.00	\$139.00	\$202.00	\$133.00	\$120.00	\$142.00	\$260.00		
	<i>Total Labor Cost</i>	\$5,088.00	\$66,024.00	\$16,240.00	\$130,521.00	\$21,412.00	\$20,748.00	\$8,640.00	\$8,520.00	\$9,360.00		\$286,553.00
	<i>Direct Expenses</i>											\$3,400.00
	<i>Subconsultant Administration</i>											\$7,828.25
	Project Total											\$297,781.25

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

Fee Estimate

Mayer Reed

Otak Project # 19823.100

Task	Description	Principal Landscape	Project Manger	Sr. Landscape Architect	Landscape Designer	Principal Vis Comm	Sr. Vis Comm Designer	Vis Comm Designer	Writer	Total Hours	Total Budget by Task
8	Construction Management Services										
8.1	Project Management										
8.2	Pre-construction Phase Services										
8.3	Construction Management and Contract Administration										
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)	2	86		30	4	24	50	30	226	\$27,800.00
8.5	Construction Inspection		5	10		5				20	\$3,325.00
8.6	As-built Drawings	1	8	4	40	1	12	5		71	\$8,180.00
8.7	Final Completion										
	<i>Total Hours</i>	3	99	14	70	10	36	55	30	317	
	<i>Billing Rate</i>	\$215.00	\$140.00	\$155.00	\$90.00	\$215.00	\$155.00	\$110.00	\$85.00		
	<i>Total Labor Cost</i>	\$645.00	\$13,860.00	\$2,170.00	\$6,300.00	\$2,150.00	\$5,580.00	\$6,050.00	\$2,550.00		\$39,305.00
	<i>Direct Expenses</i>										\$150.00
	Project Total										\$39,455.00

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

Fee Estimate

Leeway Engineering

Otak Project # 19823.100

Task	Description	Principal Engineer	Project Engineer	Staff Engineer	Total Hours	Total Budget by Task
8	Construction Management Services					
8.1	Project Management					
8.2	Pre-construction Phase Services					
8.3	Construction Management and Contract Administration					
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)	25	56	10	91	\$16,278.00
8.5	Construction Inspection		16		16	\$2,608.00
8.6	As-built Drawings	2	6		8	\$1,466.00
8.7	Final Completion					
	<i>Total Hours</i>	27	78	10	115	
	<i>Billing Rate</i>	\$244.00	\$163.00	\$105.00		
	<i>Total Labor Cost</i>	\$6,588.00	\$12,714.00	\$1,050.00		\$20,352.00
	<i>Direct Expenses</i>					\$297.00
	Project Total					\$20,649.00

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

Fee Estimate

Grayling

Otak Project # 19823.100

Task	Description	Senior Engineer	CM/PM	Design Engineer III	Design Engineer I	Total Hours	Total Budget by Task
8	Construction Management Services						
8.1	Project Management						
8.2	Pre-construction Phase Services						
8.3	Construction Management and Contract Administration						
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)	80	16	60	60	216	\$37,496.00
8.5	Construction Inspection	42				42	\$9,408.00
8.6	As-built Drawings	8	8	16	40	72	\$10,416.00
8.7	Final Completion						
	<i>Total Hours</i>	130	24	76	100	330	
	<i>Billing Rate</i>	\$224.00	\$166.00	\$166.00	\$116.00		
	<i>Total Labor Cost</i>	\$29,120.00	\$3,984.00	\$12,616.00	\$11,600.00		\$57,320.00
	<i>Direct Expenses</i>						\$27,434.00
	Project Total						\$84,754.00

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

Fee Estimate
 DKS Associates
 Otak Project # 19823.100

Task	Description	Principal (Grade 43)	QAQC Engineer (Grade 37)	Project Manager (Grade 34)	Project Engineer (Grade 24)	Cadd Tech (Grade 12)	Admin (Tech V)	Total Hours	Total Budget by Task
8	Construction Management Services								
8.1	Project Management								
8.2	Pre-construction Phase Services			4				4	\$800.00
8.3	Construction Management and Contract Administration								
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)	1	4	38	41	10	8	102	\$17,245.00
8.5	Construction Inspection								
8.6	As-built Drawings			1	8	24		33	\$4,560.00
8.7	Final Completion			8	8		2	18	\$3,050.00
	<i>Total Hours</i>	1	4	51	57	34	10	157	
	<i>Billing Rate</i>	\$250.00	\$225.00	\$200.00	\$155.00	\$130.00	\$105.00		
	<i>Total Labor Cost</i>	\$250.00	\$900.00	\$10,200.00	\$8,835.00	\$4,420.00	\$1,050.00		\$25,655.00
	<i>Direct Expenses</i>								\$336.00
	Project Total								\$25,991.00

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

Fee Estimate

NV5

Otak Project # 19823.100

Task	Description	Principal	Senior Project Manager	Staff I	Senior Tech Editor	Support Staff	Total Hours	Total Budget by Task
8	Construction Management Services							
8.1	Project Management							
8.2	Pre-construction Phase Services							
8.3	Construction Management and Contract Administration							
8.4	Construction Engineering (Responding to RFIs, Review Shop Drawings, and Submittals)	24	8				32	\$7,112.00
8.5	Construction Inspection	2	16	24	1	8	51	\$6,821.00
8.6	As-built Drawings							
8.7	Final Completion							
	<i>Total Hours</i>	26	24	24	1	8	83	
	<i>Billing Rate</i>	\$235.00	\$184.00	\$111.00	\$95.00	\$81.00		
	<i>Total Labor Cost</i>	\$6,110.00	\$4,416.00	\$2,664.00	\$95.00	\$648.00		\$13,933.00
	<i>Direct Expenses</i>							\$3,700.00
	Project Total							\$17,633.00