

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
FOR MULTNOMAH COUNTY, OREGON**

RESOLUTION NO. 2020-060

Approving an Amendment to Increase the Contract Amount for Contract DCS-CNSTR-10262-2019 with Murraysmith, Inc., to continue construction engineering support services for the NW Cornelius Pass Road project.

The Multnomah County Board of Commissioners Finds:

- a. The Board, acting as the Multnomah County Public Contract Review Board (PCRB) and pursuant to PCRB Rule 48-0320(5), must approve contract price increases beyond 33 percent of the original contract price.
- b. The County awarded a contract to Murraysmith, Inc. (Consultant) for \$173,564 on February 12, 2019 for construction support services for the NW Cornelius Pass Road (US30 – NW Kaiser Road) Improvement Project (Project). Amendment 1 executed on May 6, 2020 increased the maximum amount payable to \$225,879. A second amendment will increase the maximum amount payable to \$399,490. Board approval is required because the maximum payable now exceeds the originally approved contract amount by more than 33%.
- c. This increase is necessary because construction delays during 2019 make a second season of construction necessary, which in turn requires continued construction engineering support by Murraysmith.
- d. This Amendment will compensate the Consultant for work remaining to complete the Project.
- e. This Amendment is in accordance with the requirements of Public Contract Review Board Rule 48-0320(5).

The Multnomah County Board of Commissioners, acting as the Multnomah County Public Contract Review Board, hereby Resolves:

1. To amend and increase the total amount of Contract Number DCS-CNSTR-10262-2019 with Murraysmith, Inc., by an additional \$225,926 for a total contract amount of \$399,490 for the NW Cornelius Pass Road Project.

ADOPTED this 2nd day of July, 2020.



BOARD OF COUNTY COMMISSIONERS
FOR MULTNOMAH COUNTY, OREGON

Deborah Kafoury

Deborah Kafoury, Chair

REVIEWED:
JENNY M. MADKOUR, COUNTY ATTORNEY
FOR MULTNOMAH COUNTY, OREGON

By *Courtney Lords*
Courtney Lords, Senior Assistant County Attorney

SUBMITTED BY: Jamie Waltz, Interim Director, Department of Community Services

**AMENDMENT NO. 2 TO
CONTRACT NO: DCS-CNSTR-10262-2019**

1. This is Amendment No. 2 to Contract No: DCS-CNSTR-10262-2019 between **Multnomah County**, hereafter called "County", and **Murraysmith, Inc.**, which the Parties agree is synonymous with the defined term "Contractor" or "Consultant" as referenced in the Contract.
2. The Contract is hereby amended as follows:
 - A. Exhibit A Statement of Work, Section E is hereby amended as follows below.
 - B. Increase the Not-to-Exceed amount as detailed in Item 4C below; and
 - C. Add additional costs as shown in Exhibit B Breakdown of Costs.
3. Except as expressly stated in this Amendment, all other terms and conditions of the original Contract remain in full force and effect.
4. Amendment Information Table:

Project Title: NW Cornelius Pass Road ("Project")		Project Number: DCS-CNSTR-10262-2019	
Project Location: US30 - NW Kaiser Rd		Associated RFP Number: Res. 2018-077	
Federal Aid Number: C051(097)		DBE Goal: 3% (see Exhibit E)	
A. Prior total Not-to-Exceed ("NTE") amount for this Contract (including any previous amendments and contingency amounts).			\$ 225,879
B. Net amount for this Amendment			\$ 173,611
C. Total Not-to-Exceed ("NTE") amount for this Contract. This total includes: a) all allowable costs and expenses, profit, and fixed-fee amount, if any; and b) \$53,538 for contingency tasks, each of which must be separately authorized by County.			\$ 399,490

CONSULTANT CERTIFICATIONS

A. Any individual signing on behalf of Consultant hereby certifies under penalty of perjury:

- (1) Consultant has provided its correct TIN to County;
- (2) Consultant is not subject to backup withholding because (a) Consultant is exempt from backup withholding, (b) Consultant has not been notified by the IRS that Consultant is subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified Consultant that Consultant is no longer subject to backup withholding; and
- (3) She/He is authorized to act on behalf of Consultant, s/he has authority and knowledge regarding Consultant's payment of taxes, and to the best of her/his knowledge, Consultant is not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means a State tax imposed by ORS 320.005 to 320.150 and 403.200 to 403.250, ORS Chapters 118, 314, 316, 317, 318, 321, and 323; and local taxes administered by the Department of Revenue under ORS 305.620.

B. Any individual signing on behalf of Consultant hereby certifies they are authorized to sign this Amendment and that:

- (1) Consultant has read this Amendment, understands it, and agrees to be bound by its terms and conditions.
- (2) Consultant understands and agrees that various documents are not physically attached, but are incorporated by reference and have the same force and effect as if fully set forth herein.

- (3) Consultant understands and has provided to all Associates the COI Disclosure Form available at: <https://www.oregon.gov/ODOT/Business/Procurement/Pages/PSK.aspx>. Consultant and (to the best of the undersigned's information, knowledge and belief) Consultant's Associates are in compliance with the disclosure requirements of the COI Disclosure Form and have no conflicts of interest to disclose. If disclosures regarding this Amendment or the related Project are required per the COI Disclosure Form, Consultant has made such disclosures to County on a properly prepared and submitted form and, if determined necessary by County or ODOT, a mitigation plan has been approved by County and ODOT.
- (4) (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of Consultant, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, the undersigned shall complete and submit [Standard Form-LLL, "Disclosure Form to Report Lobbying."](#) in accordance with its instructions.
- (c) This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
- (d) Consultant shall require that the language of this certification be included in all subcontracts in excess of \$100,000 at all tiers and that all such subcontractors shall certify and disclose accordingly.
- (5) Consultant is an independent contractor as defined in ORS 670.600 and as described in [IRS Publication 1779](#).
- (6) In the event that Consultant is a general partnership or joint venture, Consultant signature(s) on this Amendment constitutes certifications to the above statements pertaining to the partnership or joint venture, as well as certifications of the above statements as to any general partner or joint venturer signing this Amendment.

<p>This Amendment shall not become effective and no Payment shall be made for Services that are performed before all necessary governmental approvals have been obtained, the Amendment is fully executed, and Notice-To-Proceed has been issued by County.</p>

Counterparts: The Amendment may be executed in several counterparts, all of which when taken together shall constitute one agreement binding on all Parties, notwithstanding that all Parties are not signatories to the same counterpart. Each copy of the Amendment so executed shall constitute an original.

CONSULTANT SIGNATURE(s):

Signature: _____ Date: _____

Name: _____ Title: _____

COUNTY SIGNATURES:

Signature: _____ Date: _____

Name: _____ Title: _____

Signature: _____ Date: _____

Name: Ian Cannon, P.E. Title: County Engineer

COUNTY LEGAL REVIEW:

Signature: Courtney Lords Date: 5-20-20 via email

Name: Courtney Lords Title: Assistant County Attorney

REVISED EXHIBIT A - STATEMENT OF WORK

Delete Revised Exhibit A Statement of Work, Section E, Tasks 1.6, 1.8, 1.9, 1.11, 1.12, 1.14, 2.1, and 2.2 of the executed Contract and replace with the following:

E. TASKS, DELIVERABLES and SCHEDULE

Task 1.6 Consultation During Construction

Consultant shall provide consultation and technical services regarding design issues raised during construction of the Project. Consultant shall clarify construction contract documents and provide written responses to Requests for Information (RFIs). In addition, Consultant shall provide support services to facilitate electronic data transfer to the CC. Support will depend on the CC's needs for construction staking layout, but is anticipated to include generation of electronic grade reports from the design surface at the frequency/location requested and/or review of files provided by the CC for machine control grading. The design consultation will occur only as required and may be ongoing throughout the CA/CEI Services and the Project.

Upon request of the CC or Agency during construction, Consultant shall:

- Clarify construction contract documents.
- Respond to field inquiries.
- Engage the services of the Professional Of Record ("POR") on all matters involving design changes.
- Provide support to electronic data translation to the field for use in construction.
- Provide supplemental field inspection services at the request of the Agency.

Consultant shall also coordinate with Agency on up to one (1) minor Federal Aid Highway Programmatic Biological Opinion (FAHP) change that shall not require a FAHP Change Request Form during construction. These changes will be incorporated into the FAHP Project Completion Report in Task 1.10.

Assumptions: For budgetary purposes, assume up to thirty (30) RFI's and thirty (30) informal (phone call or email) inquiries. Also, assume up to ten (10) field trips.

Deliverables:

Consultant shall provide:

- Verbal response to phone or in person inquiries from the Agency. E-mail or written documentation (electronic and one (1) hard copy) of responses to CC inquiries to Agency.
- Attendance at field visits as requested by Agency and follow up Site Visit Reports (electronic or one (1) hard copy); and
- Written notes (electronic) regarding minor FAHP change communication with Agency.

Schedule:

- Verbal responses - within one (1) day, unless agreed to by both Parties.
- E-mail or written responses - courtesy response within one (1) day to acknowledge receipt of request, then full response within three (3) business days, or as agreed to by both Parties.
- Field visits - as determined by Agency.
- Site Visit Reports - within one (1) day of the Field Visit or a timeframe agreed to by both Parties.
- Written notes regarding minor FAHP change within three (3) business days of communication and resolution with Agency.

Task 1.8 Claim(s) Support - (Contingency)

If authorized by PM, Consultant shall provide support to the County to review and respond to claims submitted by the CC as specified in the Specifications in Section 00199 - Disagreements, Protests and Claims. Consultant tasks for claim(s) support may include but are not limited to:

- Prepare memoranda and supporting documentation (photo logs, inspection reports, memos, drawings, etc.) related to claims;
- Provide consultation related to claims (in person, via telephone or email);
- Attend claim resolution meetings; and
- Prepare a claim decision in conformance with the requirements of the Specifications in 00199.40(b).

Assumptions: This task assumes no more than 96 hours for claim(s) support. Assume up to 2 claim submittals, each requiring 2 staff to do 2 days of preparation and attend up to 2 all-day meetings for each claim, plus Consultant Principal and PM reviews, and clerical assistance.

Deliverables:

The deliverables for claim(s) support may include but are not limited to providing;

- Memoranda and supporting documentation (photo logs, inspection reports, memos, drawings, etc.) related to claims;
- Consultation related to claims (in person, via telephone or email);
- Attendance at claim resolution meetings; and
- Claim decision that satisfies the Specifications in 00199.40(b).

Task 1.9 Quality Control Monitoring (Field-Tested Materials)

Consultant shall retain a material testing firm (separate from the CC's QC firm) who will perform all Quality Assurance (QA) verification and independent assurance (IA) testing.

Consultant shall document the Non-Field Tested and Field-Tested materials incorporated into the Project. The Agency will conduct submittal reviews of quality documentation (except those described by Task 16.3) and complete Field Inspection Reports (FIRs) as required by the ODOT Construction Manual, Chapter 12C-Quality and the Non-Field Tested Materials Acceptance Guide. Consultant shall log the FIR's and other supporting quality documentation into the applicable Test Summary and keep up to date and available for review by the County. Consultant shall maintain the Non-Field Tested Materials Test Summary (Test Summary "A") as detailed in the ODOT Construction Manual

Consultant shall monitor the CC's QC Program. One or more Consultant staff shall perform the Quality Control Compliance Specialist (QCCS) functions as defined in the QCCS Handbook and ODOT's Quality Assurance Program, which is in Section 2 of the ODOT Manual of Field Test Procedures. Consultant staff fulfilling the role of the QCCS shall be experienced in all areas of field testing and documentation, and be certified by the ODOT's Technician Certification Program for the specific tests being monitored.

The following are the approved Technician Certifications currently in place in the Technician Certification Program:

- Certified Aggregate Technician (CAgT)
- Certified Embankment and Base Technician (CEBT)
- Certified Density Technician (CDT)
- Certified Asphalt Technician I (CAT-I)
- Certified Asphalt Technician II (CAT-II)
- Certified Mix Design Technician (CMDT)
- Quality Control Technician (QCT)
- Concrete Control Technician (CCT)
- Concrete Strength Testing Technician (CSTT)

Consultant shall:

- Review and monitor the CC's documentation for the quality of all materials incorporated into the Project.
- Verify that all materials furnished and placed on the Project comply with the approved specifications;
- Certify that the documentation confirms that all materials comply with Construction Contract requirements.
- Maintain the Test Summary for Non-Field Tested Materials and Field-Tested Materials (Test Summary "A", "B" and "B-QA") as detailed in the ODOT Construction Manual, Chapter 12B Quality.
- Identify and monitor CC's quality control technicians and require proper and current certification(s), and require that proper testing frequencies and procedures are being followed. Monitoring must be done by Consultant staff experienced in all areas of field testing and documentation and certified by ODOT's Technician Certification Program for the specific tests being monitored.
- Take appropriate action if CC's quality contract technicians do not have proper or current certifications or if proper testing frequencies and procedures are not being followed.
- Obtain, review and compile all required Project quality documentation in accordance with the ODOT Construction Manual and the construction contract documents.
- Communicate with the County's Quality Assurance Coordinator (QAC) to facilitate timeliness and efficiency in the verification and IA testing work and compliance with all requirements of the ODOT Manual of Field Test Procedures and contract documents.
- Compare CC's QC test results to Consultant's verification test results to verify they are within IA parameters.
- Take appropriate action and work with County to resolve any discrepancies between CC's QC test results and Consultant verification test results.
- Prepare quality price adjustments as necessary for materials.

Deliverables:

Consultant shall provide:

- Field Inspection Reports (FIRs) and Non-Field Test Summaries - Maintained with Project files throughout the Project and available for Agency review as needed; and
- Field-Test Summaries and other Project field-tested materials quality documentation - Make available for Agency review throughout the Project.

Task 1.11 FAHP Construction and Post-Construction Inspections and Reporting

This task involves conducting FAHP Programmatic construction and post-construction inspections and reporting. Consultation for the FAHP Environmental Inspections shall conform to the FAHP User's Guide.

For Services under Task 1.11, the Consultant is the Professional of Record for the work, which shall be executed by a qualified Biologist.

The Consultant shall conduct two (2) environmental inspection site visits during the construction phase of the Project and prepare the draft and final FAHP Environmental Inspection reports. The timing of FAHP environmental inspection site visits shall correspond with construction stages that include high risk environmental items and best management practices. The qualified FAHP Consultant shall review high risk items related to the following:

- Erosion and Sediment Control
- Pollution Control/ Containment

- Fish and Wildlife Protection
- Native materials designated for avoidance
- Cleared Vegetation
- In-water work area isolation
- In-water work [e.g., bank stabilization, pile driving]
- Containment practices and structures

The Consultant shall conduct two (2) project completion site visits and prepare the draft and final FAHP Project Completion reports summarizing actions that occurred during construction as they relate to the Endangered Species Act (ESA) consultation¹. The timing of the Project completion site visit shall be within two (2) weeks of final installation of Project components relating to the ESA consultation.

The Consultant shall also coordinate with the County on up to one (1) minor FAHP change during construction.

Assumptions:

- This task assumes three (3) site visits for environmental site inspection and two (2) site visits for Project completion inspection by one (1) qualified FAHP Consultant. Each site visit will be up to 6 hours, including travel and preparation, for a total of 12 hours.
- The draft FAHP Environmental Inspection and Project Completion Reports will each require up to 14 hours by one (1) qualified FAHP Consultant, for a total of 28 hours.
- The final FAHP Environmental Inspection and Project Completion Reports will each require up to 3 hours of additional review, coordination, and editing by one (1) senior, qualified FAHP Consultant; and up to 2 hours of review by one (1) senior Environmental Scientist, for a total of 10 hours.
- The As-Built drawings can be handwritten markups of the plan sheets.
- Additional annual monitoring reports (if required) will be prepared by Agency.
- The minor FAHP change will not require a FAHP Change Request Form and will be incorporated into the FAHP Project Completion Report.

Deliverables:

Consultant shall provide:

- 3 - Draft Environmental Inspection Report (electronic);
- 3 - Final Environmental Inspection Report (electronic);
- 2 - Draft Project Completion Report (electronic); and
- 2 - Final Project Completion Report (electronic).

Schedule:

- The draft Environmental Inspection Report is due no later than two (2) weeks after each inspection. The final Environmental Inspection Report is due no later than two (2) weeks after receiving final comments from the Agency.
- The draft Project Completion Report shall be submitted to the Agency within 30 calendar days of the Project completion site visit. The final Project Completion Report is due no later than two (2) weeks after receiving final comments from the Agency.

Task 1.12 Public Information (Contingency)

Consultant shall assist the Agency in planning and implementing public information tasks up to a limited number of hours. Tasks to be determined by Agency and may include:

¹ FHWA statewide programmatic Endangered Species Act (ESA) Section 7 consultation and Magnuson Stevens Act (MSA) consultation with the National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (USFWS)

- Attending Project strategy meetings;
- Assistance planning, staffing and documenting public meeting(s);
- Video production;
- Graphic design;
- Reviewing and providing input on public information materials; and
- Develop social media strategy, content and campaign schedule.

Consultant shall attend two (2) strategy meetings with the Project team prior to completing the assigned task.

The Agency will be responsible for printing and distribution of public meeting notices, distribution of project videos and ordering social media ads.

Deliverables:

- Attendance at two (2) strategy meetings.
- Deliverables from above list to be determined by Agency, based on Project's needs and limited by budget allocated for this Consultant.

Task 1.14 - As-Constructed Plans (Contingency)

Consultant shall prepare as-constructed plans for Contract plans. The Agency shall provide as-built redlines and shall review the incorporated revisions. As-constructed plans shall be in conformance with the following reference documents as applicable to the Project:

1. Roadway Plans, [ODOT Contract Plans Development Guide](#), Vol. 1 Chapter 16.
2. Traffic Plans:
 - Sign Plans, [ODOT Traffic Sign Design Manual](#).

The following clarifications or exceptions or both to the above reference documents apply to Consultant-prepared as-constructed plans:

- For all traffic plans, Consultant shall prepare as-constructed PDF's and AutoCAD file;
- As-constructed plans must be reviewed and approved by the POR prior to submittal to the County; and
- The submittal and distribution requirements are specified in the "Deliverables" section of this task.

Deliverables and Schedule:

- Roadway Plans - Consultant shall submit stamped and signed as-constructed plans within 30 calendar days of issuance of Third Notification as follows:
 - Electronic files package: AutoCAD file and PDF file output that includes all roadway plan sheets showing red-line as-constructed markups; and
 - PDF plan sheets: (11 inch x 17 inch size) Submit 1 final set to the County.
- Traffic Plans (Traffic Signal, Traffic Sign, or Illumination) - Consultant shall submit stamped and signed as-constructed traffic plans (i.e. traffic signal, traffic sign, or illumination plans) within 30 calendar days of issuance of Third Notification as follows:
 - Electronic files package: AutoCAD file and PDF file output that shows all red-line as-constructed markups of plan sheets;
 - Use file naming convention as shown in the applicable manuals referenced above; and
 - PDF plan sheets: (11 inch x 17 inch size) Submit 1 final set to the County.

Task 2.1 - Construction Survey

Consultant shall provide on-call construction survey support to the County for the Project Consultant's licensed land surveyor who is responsible for land surveying practices including conformance to all state statutes pertaining to survey and land boundary laws for this Project. These statutes include, but are not limited to, the following state statutes: ORS Chapter 92, Subdivisions and Partitions, ORS Chapter 93, Conveyancing and Recording, ORS Chapter 209, County Surveyors and map requirements, and ORS Chapter 672 Professional Engineers and Land Surveyors.

Consultant shall:

- Supply a two-person survey crew for various construction support needs. Anticipated survey needs are verifying the limits of contaminated soil, quantity surveys, as-built surveys, and verifying construction stakes.
- Provide reports and/or drawings for each survey task. If requested, Consultant will provide raw field data, field notes, and cad drawings.

Assumptions:

- Consultant will have access to the survey site; and
- Consultant will be notified 48 hours prior to each survey request.

Deliverables:

Consultant shall provide:

- Reports and/or drawings for each survey task; and
- Raw field data, field notes, and cad drawings, if requested by County.

Task 2.2 - Post-Construction Record of Survey (Contingency)

If County agrees and authorizes this task via email NTP, Consultant will provide Post-Construction Record of Survey services for the Project. Consultant shall:

- Verify the position of the existing monuments and determine which monuments are disturbed/destroyed.
- Set monuments to replace the disturbed/destroyed monuments.
- Prepare and file a post-construction record of survey with Multnomah County surveyor's office.

Assumptions:

- Consultant will have access to the survey site.

Deliverables:

Consultant shall:

- File a post-construction record of survey.

Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment
WOC Number: N/A; Amd Number: 2
PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

MULTIPLIERS				Enter Billing Rate
% of budget in Current Year (CY)	0.00%	Accepted Overhead		192.55%
% of budget in CY+1	100.00%	FCCM		0.27%
% of budget in CY+2	0.00%	Negotiated Profit		10.20%
% of budget in CY+3	0.00%	Annual Escalation Rate		3.50%
Weighted Escalation Factor	1.035			

Cell Color Legend	
Yellow	Yellow cells are for data entry
Green	Green cells have formulas (no data entry unless specified)
Grey	Grey cells are section dividers (no data entry unless specified)

For instructions, click on "Instructions" tab below.

**Job Classifications
(and for Key Persons)**

Click to Add Tasks

	Direct Salary Rate (Avg, Actual, Max) Current Year
	Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)
Task #	Fully Burdened Billing Rate

NON-CONTINGENCY TASKS/DELIVERABLES

1	Construction Engineering Support	57	76	120	0	0	0	0	0	253	\$ 11,423	\$ 21,995	\$ 31	\$ -	\$ 33,450	\$ 3,409
1.6	Consultation During Construction	47	65	106						218	\$ 9,754	\$ 18,781	\$ 26		\$ 28,561	\$ 2,911
1.9	Quality Control Monitoring	4	4	8						16	\$ 724	\$ 1,395	\$ 2		\$ 2,121	\$ 216
1.11	FAHP Construction and Post-Construction Inspections and Reporting	2	3	6						11	\$ 473	\$ 911	\$ 1		\$ 1,386	\$ 141
1.12	Public Information	4	4							8	\$ 472	\$ 908	\$ 1		\$ 1,381	\$ 141
2	Construction Survey	0	2	0	0	0	0	0	0	2	\$ 96	\$ 185	\$ 0	\$ -	\$ 281	\$ 29
2.1	Construction Survey		2							2	\$ 96	\$ 185	\$ 0		\$ 281	\$ 29
TOTAL Non-Contingency		57	78	120	0	0	0	0	0	255	\$ 11,519	\$ 22,181	\$ 31	\$ -	\$ 33,731	\$ 3,437

CONTINGENCY TASKS/DELIVERABLES

C1	Construction Engineering Support	16	76	128	80	0	0	0	0	300	\$ 12,274	\$ 23,634	\$ 33	\$ 1,560	\$ 37,501	\$ 3,663
C1.8	Claim(s) Support	12	36	48						96	\$ 4,084	\$ 7,864	\$ 11		\$ 11,959	\$ 1,219
C1.14	As-Constructed Plans	4	40	80	80					204	\$ 8,190	\$ 15,770	\$ 22	\$ 1,560	\$ 25,542	\$ 2,444
C2	Construction Survey	1	2	0	0	0	0	0	0	3	\$ 166	\$ 320	\$ 0	\$ -	\$ 486	\$ 50
2.2	Post-Construction Record of Survey	1	2							3	\$ 166	\$ 320	\$ 0		\$ 486	\$ 50
TOTAL Contingency		17	78	128	80	0	0	0	0	303	\$ 12,440	\$ 23,953	\$ 34	\$ 1,560	\$ 37,987	\$ 3,712

Click to Add Contingency Tasks

TOTAL Non-Contingency + Contingency	74	156	248	80	0	0	0	0	558	\$ 23,959	\$ 46,134	\$ 65	\$ 1,560	\$ 71,718	\$ 7,150
														Total =	\$ 78,868

Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment

WOC Number: N/A; Amd Number: 2

PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

Cell Color Legend

Yellow cells are for data entry

Green cells have formulas (no data entry unless specified)

Grey cells are section dividers (no data entry unless specified)

For instructions, click on "Instructions" tab below.

Click to Add Tasks

Job Classifications

if requested and for Key Persons)

MULTIPLIERS

% of budget in Current Year0.00%

Accepted Overhead211.28%

% of budget in CY+1100.00%

FCCM0.50%

% of budget in CY+20.00%

Negotiated Profit10.20%

% of budget in CY+30.00%

Annual Escalation Rate3.50%

Weighted Escalation Factor1.035

Enter Billing Rate

These values will be zero if a firm uses Negotiated Billing Rates (NBRs); otherwise, use applicable Overhead, FCCM, and escalation at 3.5%.

Add Subs & Tasks

Press ctrl+a to add subconsultants

Press ctrl+t to add tasks.

Press ctrl+m to add contingency tasks.

Click to Add Subconsultants

Kittelson and Associates, Inc.

Certification:

Not Certified

DATA ENTRY SECTION

Principal Engineer (Wade Scarbrough)

Sr Principal Engineer (Hermanus Steyn)

Engineer (Yi-Min Ha)

Senior Technician (John Henriksen)

Job Classification (Individual)

Job Classification (Individual)

Job Classification (Individual)

Job Classification (Individual)

CALCULATION SECTION

Hours

Escalated Direct Labor or NBR \$

Overhead

FCCM

Direct Expenses

Total Cost

Profit

Direct Salary Rate (Avg. Actual, Max) Current Year

Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)

Task #Fully Burdened Billing Rate

NON-CONTINGENCY TASKS/DELIVERABLES

1Construction Engineering Support

1.6Consultation During Construction

1.9Quality Control Monitoring

1.11FAHP Construction and Post-Construction Inspections and Reporting

1.12Public Information

2Construction Survey

2.1Construction Survey

TOTAL Non-Contingency

CONTINGENCY TASKS/DELIVERABLES

C1Construction Engineering Support

C1.8Claim(s) Support

C1.14As-Constructed Plans

C2Construction Survey

2.2Post-Construction Record of Survey

TOTAL Contingency

Click to Add Contingency Tasks

TOTAL Non-Contingency + Contingency

Total = \$ 7,738

Multnomah Contract: DCS-CNSTR-10262-2019 Amend. 2
BOC Version 9/24/13

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Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment
WOC Number: N/A; Amd Number: 2
PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

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Job Classifications (if requested and for Key Persons)

Click to Add Tasks

Direct Salary Rate (Avg, Actual, Max) Current Year
Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)
Task # Fully Burdened Billing Rate

NON-CONTINGENCY TASKS/DELIVERABLES	
1	Construction Engineering Support
1.6	Consultation During Construction
1.9	Quality Control Monitoring
1.11	FAHP Construction and Post-Construction Inspections and Reporting
1.12	Public Information
2	Construction Survey
2.1	Construction Survey
TOTAL Non-Contingency	

CONTINGENCY TASKS/DELIVERABLES	
C1	Construction Engineering Support
C1.8	Claim(s) Support
C1.14	As-Constructed Plans
C2	Construction Survey
2.2	Post-Construction Record of Survey
TOTAL Contingency	

Click to Add Contingency Tasks

TOTAL Non-Contingency + Contingency

MULTIPLIERS								Enter Billing Rate				Add Subs & Tasks			
% of budget in Current Year (C		0.00%	Accepted Overhead			0.00%		These values will be zero if a firm uses Negotiated Billing Rates (NBRs); otherwise, use applicable Overhead, FCCM, and escalation at 3.5%.				Press ctrl+a to add subconsultants Press ctrl+t to add tasks. Press ctrl+m to add contingency tasks.			
% of budget in CY+1		100.00%	FCCM			0.00%									
% of budget in CY+2		0.00%	Negotiated Profit			0.00%									
% of budget in CY+3		0.00%	Annual Escalation Rate			3.50%									
Weighted Escalation Factor		1.035													
JLA												Certification:		Not Certified	
DATA ENTRY SECTION								CALCULATION SECTION							
Pl 6 (Kalin Schmoldt)	Pl 2 (Jaye Cromwell)	Admin 4 (Lesley Yan)	Public Involvement Specialist 3	Public Involvement Specialist 2	Public Involvement Specialist 1	Administration 4	Administration 3	Hours	Escalated Direct Labor or NBR \$	Overhead	FCCM	Direct Expenses	Total Cost	Profit	
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
\$153.00	\$87.00	\$87.00	\$105.00	\$87.00	\$76.00	\$87.00	\$81.00								
\$153.00	\$87.00	\$87.00	\$105.00	\$87.00	\$76.00	\$87.00	\$81.00			0.00%	0.00%			0.00%	
30	52	10	0	0	0	0	0	92	\$ 9,984	\$ -	\$ -	\$ -	\$ 9,984	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
30	52	10						92	\$ 9,984	\$ -	\$ -		\$ 9,984	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
30	52	10	0	0	0	0	0	92	\$ 9,984	\$ -	\$ -	\$ -	\$ 9,984	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
30	52	10	0	0	0	0	0	92	\$ 9,984	\$ -	\$ -	\$ -	\$ 9,984	\$ -	
														Total =	\$ 9,984

Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment
WOC Number: N/A; Amd Number: 2
PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

Cell Color Legend
Yellow cells are for data entry
Green cells have formulas (no data entry unless specified)
Grey cells are section dividers (no data entry unless specified)

For instructions, click on "Instructions" tab below.

Job Classifications (if requested and for Key Persons)
Click to Add Tasks

Task #	Direct Salary Rate (Avg, Actual, Max) Current Year	Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)	Fully Burdened Billing Rate
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NON-CONTINGENCY TASKS/DELIVERABLES

1	Construction Engineering Support	
1.6	Consultation During Construction	
1.9	Quality Control Monitoring	
1.11	FAHP Construction and Post-Construction Inspections and Reporting	
1.12	Public Information	
2	Construction Survey	
2.1	Construction Survey	
TOTAL Non-Contingency		

CONTINGENCY TASKS/DELIVERABLES

C1	Construction Engineering Support	
C1.8	Claim(s) Support	
C1.14	As-Constructed Plans	
C2	Construction Survey	
2.2	Post-Construction Record of Survey	
TOTAL Contingency		

Click to Add Contingency Tasks

TOTAL Non-Contingency + Contingency

MULTIPLIERS			
% of budget in Current Year (C	0.00%	Accepted Overhead	174.12%
% of budget in CY+1	100.00%	FCCM	0.45%
% of budget in CY+2	0.00%	Negotiated Profit	10.20%
% of budget in CY+3	0.00%	Annual Escalation Rate	3.50%
Weighted Escalation Factor	1.035		

Enter Billing

These values will be zero if a firm uses Negotiated Billing Rates (NBRs); otherwise, use applicable Overhead, FCCM, and escalation at 3.5%.

Add Subs & Tasks

Press **ctrl+a** to add subconsultants

Press **ctrl+t** to add tasks.

Press **ctrl+m** to add contingency tasks.

PBS												Certification:		Not Certified	
DATA ENTRY SECTION								CALCULATION SECTION							
PLS Principal	PLS Manager	Survey II Technician	Survey I Assistant	Survey 2-Person Field Crew				Hours	Escalated Direct Labor or NBR \$	Overhead	FCCM	Direct Expenses	Total Cost	Profit	
\$71.42	\$48.93	\$31.60	\$26.52	\$30.26											
\$73.92	\$50.64	\$32.71	\$27.45	\$31.32	\$0.00	\$0.00	\$0.00			174.12%	0.45%			10.20%	
\$223.63	\$153.21	\$98.95	\$83.04	\$94.75	\$0.00	\$0.00	\$0.00								
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
4	40	40	0	140	0	0	0	224	\$ 8,014	\$ 13,954	\$ 36	\$ -	\$ 22,005	\$ 2,241	
4	40	40		140				224	\$ 8,014	\$ 13,954	\$ 36		\$ 22,005	\$ 2,241	
4	40	40	0	140	0	0	0	224	\$ 8,014	\$ 13,954	\$ 36	\$ -	\$ 22,005	\$ 2,241	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
2	4	24	0	24	0	0	0	54	\$ 1,887	\$ 3,286	\$ 8	\$ -	\$ 5,181	\$ 528	
2	4	24		24				54	\$ 1,887	\$ 3,286	\$ 8		\$ 5,181	\$ 528	
2	4	24	0	24	0	0	0	54	\$ 1,887	\$ 3,286	\$ 8	\$ -	\$ 5,181	\$ 528	
6	44	64	0	164	0	0	0	278	\$ 9,901	\$ 17,240	\$ 45	\$ -	\$ 27,186	\$ 2,768	
													Total =	\$ 29,954	

Breakdown of Costs - Dated: 2/6/20		MULTIPLIERS				Enter Billing		Add Subs & Tasks								
PA/ATA or Contract Number: N/A, Construction Services Amendment		% of budget in Current Year (CY)	0.00%	Accepted Overhead		165.19%	These values will be zero if a firm uses Negotiated Billing Rates (NBRs); otherwise, use applicable Overhead, FCCM, and escalation at 3.5%.		Press ctrl+a to add subconsultants Press ctrl+t to add tasks. Press ctrl+m to add contingency tasks.							
WOC Number: N/A; Amd Number: 2		% of budget in CY+1	100.00%	FCCM		0.40%										
PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road		% of budget in CY+2	0.00%	Negotiated Profit		10.20%										
		% of budget in CY+3	0.00%	Annual Escalation Rate		3.50%										
		Weighted Escalation Factor	1.035													
<div>Cell Color Legend</div> <div>Yellow cells are for data entry</div> <div>Green cells have formulas (no data entry unless specified)</div> <div>Grey cells are section dividers (no data entry unless specified)</div>		<div>For instructions, click on "Instruction s" tab below.</div> <div>Job Classifications as if requested and for Key Persons)</div> <div>Click to Add Tasks</div>														
		Mason, Bruce & Girard, Inc.								Certification: Not Certified						
		DATA ENTRY SECTION								CALCULATION SECTION						
		Environmental Scientist Level 5 (Stuart Myers)	Environmental Scientist Level 4 (Daniel Covington)	Environmental Scientist Level 2 (Jesse Roper)	Job Classification (Individual)	Job Classification (Individual)	Job Classification (Individual)	Job Classification (Individual)	Job Classification (Individual)	Hours	Escalated Direct Labor or NBR \$	Overhead	FCCM	Direct Expenses	Total Cost	Profit
		\$71.77	\$46.89	\$27.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			165.19%	0.40%			10.20%
Task #		Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)	\$74.28	\$48.53	\$28.38	\$0.00	\$0.00	\$0.00	\$0.00							
		Fully Burdened Billing Rate	\$235.58	\$153.91	\$90.00	\$0.00	\$0.00	\$0.00	\$0.00							
NON-CONTINGENCY TASKS/DELIVERABLES																
1	Construction Engineering Support	6	4	40	0	0	0	0	0	50	\$ 1,775	\$ 2,932	\$ 7	\$ 110	\$ 4,824	\$ 480
1.6	Consultation During Construction									0	\$ -	\$ -	\$ -		\$ -	\$ -
1.9	Quality Control Monitoring									0	\$ -	\$ -	\$ -		\$ -	\$ -
1.11	FAHP Construction and Post-Construction Inspections and Reporting	6	4	40						50	\$ 1,775	\$ 2,932	\$ 7	\$ 110	\$ 4,824	\$ 480
1.12	Public Information									0	\$ -	\$ -	\$ -		\$ -	\$ -
2	Construction Survey	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.1	Construction Survey									0	\$ -	\$ -	\$ -		\$ -	\$ -
TOTAL Non-Contingency		6	4	40	0	0	0	0	0	50	\$ 1,775	\$ 2,932	\$ 7	\$ 110	\$ 4,824	\$ 480
CONTINGENCY TASKS/DELIVERABLES																
C1	Construction Engineering Support	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C1.8	Claim(s) Support									0	\$ -	\$ -	\$ -		\$ -	\$ -
C1.14	As-Constructed Plans									0	\$ -	\$ -	\$ -		\$ -	\$ -
C2	Construction Survey	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.2	Post-Construction Record of Survey									0	\$ -	\$ -	\$ -		\$ -	\$ -
TOTAL Contingency		0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Click to Add Contingency Tasks																
TOTAL Non-Contingency + Contingency		6	4	40	0	0	0	0	0	50	\$ 1,775	\$ 2,932	\$ 7	\$ 110	\$ 4,824	\$ 480
															Total =	\$ 5,304

Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment
WOC Number: N/A; Amd Number: 2
PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

Cell Color Legend
Yellow cells are for data entry
Green cells have formulas (no data entry unless specified)
Grey cells are section dividers (no data entry unless specified)

For instructions, click on "Instructions" tab below.

Job Classifications
Click to Add Tasks

Task #	Direct Salary Rate (Avg, Actual, Max) Current Year
	Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)
	Fully Burdened Billing Rate

NON-CONTINGENCY TASKS/DELIVERABLES	
1	Construction Engineering Support
1.6	Consultation During Construction
1.9	Quality Control Monitoring
1.11	FAHP Construction and Post-Construction Inspections and Reporting
1.12	Public Information
2	Construction Survey
2.1	Construction Survey
TOTAL Non-Contingency	

CONTINGENCY TASKS/DELIVERABLES	
C1	Construction Engineering Support
C1.8	Claim(s) Support
C1.14	As-Constructed Plans
C2	Construction Survey
2.2	Post-Construction Record of Survey
TOTAL Contingency	

Click to Add Contingency Tasks
TOTAL Non-Contingency + Contingency

MULTIPLIERS			
% of budget in Current Year (C	0.00%	Accepted Overhead	187.35%
% of budget in CY+1	100.00%	FCCM	0.48%
% of budget in CY+2	0.00%	Negotiated Profit	10.20%
% of budget in CY+3	0.00%	Annual Escalation Rate	3.50%
Weighted Escalation Factor	1.035		

Enter Billing

These values will be zero if a firm uses Negotiated Billing Rates (NBRs); otherwise, use applicable Overhead, FCCM, and escalation at 3.5%.

Add Subs & Tasks

Press **ctrl+a** to add subconsultants

Press **ctrl+t** to add tasks.

Press **ctrl+m** to add contingency tasks.

GRI, Inc.												Certification:		Not Certified	
DATA ENTRY SECTION								CALCULATION SECTION							
Principal	Associate	Project	Staff	CAD Operator	Technical Editor	Administrative Assitant	Project Accountant	Hours	Escalated Direct Labor or NBR \$	Overhead	FCCM	Direct Expenses	Total Cost	Profit	
\$76.40	\$66.44	\$48.56	\$40.94	\$34.84	\$35.66	\$30.90	\$39.21								
\$79.07	\$68.77	\$50.26	\$42.37	\$36.06	\$36.91	\$31.98	\$40.58								
\$250.78	\$218.08	\$159.39	\$134.38	\$114.36	\$117.05	\$101.43	\$128.70			187.35%	0.48%			10.20%	
0	4	8	0	0	0	0	0	12	\$ 677	\$ 1,269	\$ 3	\$ -	\$ 1,949	\$ 198	
	4	8						12	\$ 677	\$ 1,269	\$ 3		\$ 1,949	\$ 198	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
0	4	8	0	0	0	0	0	12	\$ 677	\$ 1,269	\$ 3	\$ -	\$ 1,949	\$ 198	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
								0	\$ -	\$ -	\$ -		\$ -	\$ -	
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
0	4	8	0	0	0	0	0	12	\$ 677	\$ 1,269	\$ 3	\$ -	\$ 1,949	\$ 198	
													Total = \$ 2,147		

Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment
WOC Number: N/A; Amd Number: 2
PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

Cell Color Legend
Yellow cells are for data entry
Green cells have formulas (no data entry unless specified)
Grey cells are section dividers (no data entry unless specified)

For instructions, click on "Instructions" tab below.

Job Classifications
Click to Add Tasks

Task #	Direct Salary Rate (Avg, Actual, Max) Current Year	Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)	Fully Burdened Billing Rate
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NON-CONTINGENCY TASKS/DELIVERABLES		
1	Construction Engineering Support	
1.6	Consultation During Construction	
1.9	Quality Control Monitoring	
1.11	FAHP Construction and Post-Construction Inspections and Reporting	
1.12	Public Information	
2	Construction Survey	
2.1	Construction Survey	
TOTAL Non-Contingency		

CONTINGENCY TASKS/DELIVERABLES		
C1	Construction Engineering Support	
C1.8	Claim(s) Support	
C1.14	As-Constructed Plans	
C2	Construction Survey	
2.2	Post-Construction Record of Survey	
TOTAL Contingency		

Click to Add Contingency Tasks
TOTAL Non-Contingency + Contingency

MULTIPLIERS			
% of budget in Current Year (CY)	0.00%	Accepted Overhead	136.49%
% of budget in CY+1	100.00%	FCCM	0.10%
% of budget in CY+2	0.00%	Negotiated Profit	10.20%
% of budget in CY+3	0.00%	Annual Escalation Rate	3.50%
Weighted Escalation Factor	1.035		

Enter Billing Rate

These values will be zero if a firm uses Negotiated Billing Rates (NBRs); otherwise, use applicable Overhead, FCCM, and escalation at 3.5%.

Add Subs & Tasks

Press **ctrl+a** to add subconsultants

Press **ctrl+t** to add tasks.

Press **ctrl+m** to add contingency tasks.

KPFF											Certification:		Not Certified	
DATA ENTRY SECTION								CALCULATION SECTION						
Principal in Charge (Totten)	Senior Project Manager (Finney)	Project Engineer (Davis)	Draftsperson (Wilkes)	Admin (Williams)	Job Classification (Individual)	Job Classification (Individual)	Job Classification (Individual)	Hours	Escalated Direct Labor or NBR \$	Overhead	FCCM	Direct Expenses	Total Cost	Profit
\$69.67	\$53.82	\$45.44	\$36.72	\$33.24	\$0.00	\$0.00	\$0.00			136.49%	0.10%			10.20%
\$72.11	\$55.70	\$47.03	\$38.01	\$34.40	\$0.00	\$0.00	\$0.00							
\$188.00	\$145.23	\$122.61	\$99.08	\$89.69	\$0.00	\$0.00	\$0.00							
2	4	16	0	0	0	0	0	22	\$ 1,120	\$ 1,528	\$ 1	\$ -	\$ 2,649	\$ 270
2	4	16						22	\$ 1,120	\$ 1,528	\$ 1		\$ 2,649	\$ 270
								0	\$ -	\$ -	\$ -		\$ -	\$ -
								0	\$ -	\$ -	\$ -		\$ -	\$ -
								0	\$ -	\$ -	\$ -		\$ -	\$ -
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								0	\$ -	\$ -	\$ -		\$ -	\$ -
2	4	16	0	0	0	0	0	22	\$ 1,120	\$ 1,528	\$ 1	\$ -	\$ 2,649	\$ 270
0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								0	\$ -	\$ -	\$ -		\$ -	\$ -
								0	\$ -	\$ -	\$ -		\$ -	\$ -
0	2	6	10	0	0	0	0	18	\$ 774	\$ 1,056	\$ 1	\$ -	\$ 1,830	\$ 187
	2	6	10					18	\$ 774	\$ 1,056	\$ 1		\$ 1,830	\$ 187
0	2	6	10	0	0	0	0	18	\$ 774	\$ 1,056	\$ 1	\$ -	\$ 1,830	\$ 187
2	6	22	10	0	0	0	0	40	\$ 1,893	\$ 2,584	\$ 2	\$ -	\$ 4,479	\$ 457
													Total =	\$ 4,936

Breakdown of Costs - Dated: 2/6/20

PA/ATA or Contract Number: N/A, Construction Services Amendment

WOC Number: **N/A**; Amd Number: **2**

PROJECT NAME: NW Cornelius Pass Road: US 30 - NW Kaiser Road

Cell Color Legend	
Yellow	Yellow cells are for data entry
Green	Green cells have formulas (no data entry unless specified)
Grey	Grey cells are section dividers (no data entry unless specified)

For instructions, click on "Instructions" tab below.

Project Summary

GRAND TOTAL CALCULATION SECTION

Grey cells are section dividers (no data entry unless specified)			s" tab below.								
Job Classifications (if requested and for Key Persons)			Hours	Escalated Direct Labor or NBR \$	Overhead	FCCM	Direct Expenses	Total Cost	Profit	Cost + Profit	% of Total Non- Contingency Labor Costs
Click to Add Tasks											
Direct Salary Rate (Avg, Actual, Max) Current Year Annualized Direct Salary Rate (OR enter Negotiated Billing Rate)											
Task # Fully Burdened Billing Rate											
NON-CONTINGENCY TASKS/DELIVERABLES											
1	Construction Engineering Support	Hours/Task	653	\$ 51,299	\$ 29,953	\$ 48	\$ 9,524	\$ 90,824	\$ 4,692	\$ 95,516	78.5%
1.6	Consultation During Construction		272	\$ 12,606	\$ 23,807	\$ 36	\$ -	\$ 36,448	\$ 3,714	\$ 40,162	35.2%
1.9	Quality Control Monitoring		220	\$ 25,990	\$ 1,395	\$ 2	\$ 9,414	\$ 36,800	\$ 216	\$ 37,016	26.4%
1.11	FAHP Construction and Post-Construction Inspection and Reporting		61	\$ 2,248	\$ 3,844	\$ 8	\$ 110	\$ 6,210	\$ 621	\$ 6,832	5.9%
1.12	Public Information		100	\$ 10,456	\$ 908	\$ 1	\$ -	\$ 11,365	\$ 141	\$ 11,506	11.0%
2	Construction Survey		226	\$ 8,110	\$ 14,140	\$ 36	\$ -	\$ 22,286	\$ 2,270	\$ 24,556	21.5%
2.1	Construction Survey		226	\$ 8,110	\$ 14,140	\$ 36	\$ -	\$ 22,286	\$ 2,270	\$ 24,556	21.5%
TOTAL Non-Contingency			879	\$ 59,410	\$ 44,093	\$ 84	\$ 9,524	\$ 113,110	\$ 6,962	\$ 120,072	

CONTINGENCY TASKS/DELIVERABLES

C1	Construction Engineering Support	326	\$ 13,471	\$ 26,164	\$ 39	\$ 1,560	\$ 41,234	\$ 4,043	\$ 45,277
C1.8	Claim(s) Support	96	\$ 4,084	\$ 7,864	\$ 11	\$ -	\$ 11,959	\$ 1,219	\$ 13,177
C1.14	As-Constructed Plans	230	\$ 9,388	\$ 18,300	\$ 28	\$ 1,560	\$ 29,276	\$ 2,824	\$ 32,100
C2	Construction Survey	75	\$ 2,827	\$ 4,661	\$ 10	\$ -	\$ 7,498	\$ 764	\$ 8,261
2.2	Post-Construction Record of Survey	75	\$ 2,827	\$ 4,661	\$ 10	\$ -	\$ 7,498	\$ 764	\$ 8,261
TOTAL Contingency		401	\$ 16,298	\$ 30,825	\$ 49	\$ 1,560	\$ 48,732	\$ 4,807	\$ 53,538

Click to Add Contingency Tasks

TOTAL Non-Contingency + Contingency	1280	\$ 75,708	\$ 74,918	\$ 133	\$ 11,084	\$ 161,842	\$ 11,768	\$ 173,611
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