Agenda Item No.: 5.3
Agenda Date: 02/07/24
Reviewed By:

**Subject:** Authorize Consultant Agreement #24-60-04 with Atwell LLC, for professional engineering services relating to Project 24-1 16<sup>th</sup> Ave S Water Main Replacement

CATEGORY	
Executive	
Administrative	
Engineering/Operations	х

FINANCIAL		
Expenditures?	Yes	x No N/A
Budgeted?	Yes	x No N/A
Amount:		\$ 70,290.00

#### ATTACHMENTS:

1. Resolution 24-2-7C

#### **COMMENTS:**

The City of SeaTac plans to replace sidewalks, road surface, and upgrade stormwater conveyance along 16th Ave S between S 188th St and S 192nd St. The District owns and operates approximately 1,300 LF of 6" AC water main, and other appurtenances within the project corridor that requires relocation and/or replacement and the District would benefit by replacing these aging mains that are nearing the end of their useful life

By passage of Resolution 23-12-20B, the Board of Commissioners approved the 2024 Capital Improvement Program that identified and allocated resources for 24-1  $16^{th}$  Ave S Water Main Replacement.

The District evaluated Statements of Qualifications of three engineering consultants from the MRSC roster and selected Atwell LLC, in accordance with the District's Procurement Manual.

The District's Engineering Supervisor and General Manager have reviewed the Scope of Services (Exhibit A), and Estimated Cost (Exhibit B), submitted by Atwell LLC and recommend approval of this resolution.

# HIGHLINE WATER DISTRICT KING COUNTY, WASHINGTON

# **RESOLUTION 24-02-07C**

RESOLUTION AUTHORIZING CONSULTANT AGREEMENT #24-60-04 WITH ATWELL, LLC FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO PROJECT 24-1 16<sup>TH</sup> AVE S WATER MAIN REPLACEMENT

**WHEREAS**, the City of SeaTac plans to replace sidewalks, road surface, and upgrade stormwater conveyance along 16<sup>th</sup> Ave S between S 188<sup>th</sup> St and S 192<sup>nd</sup> St.; and,

**WHEREAS**, the District owns and operates approximately 1,300 LF of 6" AC water main, and other appurtenances within the project corridor that requires relocation and/or replacement and the District would benefit by replacing these aging mains that are nearing the end of their useful life; and,

**WHEREAS**, by passage of Resolution 23-12-20B, the Board of Commissioners approved the 2024 Capital Improvement Program that identified and allocated resources for Project 24-1 16<sup>TH</sup> Ave S Water Main Replacement; and

**WHEREAS**, the District evaluated Statements of Qualifications of three engineering consultants from the MRSC roster and selected Atwell, LLC in accordance with the District's Procurement Manual; and,

**WHEREAS**, the District's Engineering Supervisor and General Manager have reviewed the Scope of Services (Exhibit A), and Estimated Cost (Exhibit B), submitted by Atwell LLC and recommend approval of this resolution.

#### NOW, THEREFORE, BE IT RESOLVED,

- 1. The General Manager or designee is authorized to enter into Consultant Contract #24-60-04 with Atwell LLC, (Attachment 1, incorporated herein by this reference), for a not to exceed amount of \$70,290.00.
- 2. The General Manager and/or the District's Legal Counsel are authorized to make minor changes to the agreement if required.

**ADOPTED BY THE BOARD OF COMMISSIONERS** of Highline Water District, King County, Washington, at an open public meeting held on the **7th** day of **February 2024**.

#### **BOARD OF COMMISSIONERS**

kathleen Quong-Vermeire, President	Vince koester, Secretary
folly Daigle Commissioner	Todd: Fultzp Commissioner
Daniel Johnson, Commissioner	

Project 24-1 Atwell LLC HWD Contract #24-60-04

# AGREEMENT FOR CONSULTING SERVICES

This Agreement ("Agreement") is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_\_ 20\_\_\_\_, by and between **HIGHLINE WATER DISTRICT**, a Washington municipal corporation ("District") and **ATWELL LLC**, a Washington Corporation ("Consultant") (individually a "Party" and collectively the "Parties") for the purposes forth below.

- Scope of Consulting Services. Consultant shall provide consulting services to the District under the terms of this Agreement for the following Project: 24-1 16<sup>TH</sup> AVE S WATER MAIN REPLACEMENT ("Project"). The scope of services is more fully described on Exhibit A attached hereto and incorporated herein by this reference.
- Compensation and Payment. District shall pay Consultant for the time and materials devoted to the Project as consideration for the performance of the services set forth on **Exhibit A**, not to exceed the amount of Seventy Thousand Two Hundred Ninety Dollars and 00/100 (\$70,290.00).
   Such compensation shall be payable in the following manner:
  - a. Consultant shall submit a detailed monthly billing for all services provided describing in reasonable and understandable detail the services rendered, fees charged and expenses incurred by Consultant during the previous month in accordance with the budget set forth on **Exhibit B** and a schedule of rates and charges set forth on **Exhibit B**, including fees and expenses for additional services authorized by District as provided herein. District shall pay the invoice within sixty (60) days of receipt, except as to any disputed amounts.
  - b. Upon District's failure to pay within sixty (60) days of receipt the undisputed amount set forth in any monthly billing submitted to District by Consultant, such unpaid balance will bear interest at the rate of 1% per month until the amount of such unpaid balance, plus interest thereon shall be paid in full.
  - c. Consultant shall maintain accounts and records of fees billed and expenses incurred as described in this Section 2 in accordance with generally accepted accounting principles, and agrees to make such accounts, records and supporting documentation available to the District and its authorized representatives for inspection at mutually convenient times, both during the Project work and for three (3) years following the final payment for services rendered or termination of the Consultant's services under this Agreement.
- 3. <u>Schedule of Work.</u> Consultant shall commence the performance of its services under this Agreement upon receipt of notice to proceed from the District to do so and shall provide the services in accordance with the schedule on **Exhibit C**, subject to delays for causes beyond the reasonable control of Consultant or as otherwise agreed to by District.
- 4. <u>Subcontractors</u>. Consultant shall not subcontract or assign any portion of the work covered by this Agreement without the prior written approval of the District, such consent to be given in District's sole discretion. Subject to the provisions of the preceding sentence, this Agreement shall be binding upon and inure to the benefit of the respective successors and assigns of the parties hereto.

# AGREEMENT FOR CONSULTING SERVICES

- 5. Independent Contractor. Consultant is an independent contractor and not an employee of the District. Consultant shall be responsible in full for payment of its employees, including insurance and deductions, and for payment to any subcontractors. No personnel employed by Consultant shall acquire any rights or status regarding the District. All of the services required hereunder shall be performed by Consultant or under its direction, and all personnel engaged therein shall be fully qualified under applicable state, federal and local laws to undertake the work performed by them.
- 6. Changes in Scope of Services. The District may require changes or modifications in the scope of services to be performed under this Agreement. Any such changes or modifications shall be in writing and signed by the parties to this Agreement. The compensation for the changes or modifications, whether a decrease or increase, shall be on the same terms and conditions as set forth in Paragraph 2 above or in a manner otherwise mutually agreed to by the parties.
- 7. <u>Insurance</u>. Consultant shall maintain throughout the performance of this Agreement the following types and amounts of insurance.
  - a. Comprehensive vehicle liability insurance covering personal injury and property damage claims arising from the use of motor vehicles with combined single limits of Two Million Dollars (\$2,000,000).
  - b. Commercial General Liability Insurance written on an occurrence basis with limits no less than Two Million Dollars (\$2,000,000) combined single limit per occurrence and Two Million Dollars (\$2,000,000) aggregate for personal injury, bodily injury and property damage. Coverage shall include, but not be limited to: blanket contractual; products/completed operations; broad form property damage; explosion, collapse and underground (XCU) if applicable; and employer's liability; and
  - c. Professional liability insurance (Errors and Omissions insurance) with limits no less than Two Million Dollars (\$2,000,000).

The insurance policies shall: (1) state that coverage, except for Professional Liability, shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability; (2) be primary to any insurance maintained by the District, except as respects losses attributable to the sole negligence of the District; and (3) shall state that the District will be given 45 days prior written notice of any cancellation, suspension, non-renewal or material change in coverage.

The District shall be named as an additional insured on the Commercial General Liability Insurance policy with regard to work and services performed by or on behalf of the Consultant and a copy of the endorsement naming the District as an additional insured shall be attached to the Certificate of Insurance.

Before commencing work and services, Consultant shall provide to the District a Certificate of Insurance and required endorsements evidencing the insurance described above. The District reserves the right to request and receive a certified copy of all required insurance policies.

Project 24-1 Atwell LLC HWD Contract #24-60-04

# AGREEMENT FOR CONSULTING SERVICES

The above insurance limits do not constitute a limit on Consultant's liability to the District. Any payment of deductible or self-insurance retention shall be the sole responsibility of Consultant.

Consultant shall be solely responsible for the safety of its employees and subcontractors at the Project work site, and shall comply with all applicable federal, state and local statutes, regulations and ordinances regarding safety.

- 8. Indemnification. Consultant shall defend, indemnify and hold harmless the District, its elected and appointed officials, officers, employees, agents and volunteers against any claims, damages, losses, expenses, judgments or liabilities, including but not limited to reasonable attorneys' fees and costs (collectively referred to as "Damages") caused directly or indirectly by Consultant's negligent acts, errors or omissions, but only for that portion of such Damages which reflect the percentage of negligence of the Consultant and/or its employees, agents and subcontractors compared to the total negligence of all persons or business entities which result in such Damages. For the purposes of this indemnification, Consultant specifically and expressly waives any immunity granted under the Washington Industrial Insurance Act, Title 51 RCW. This waiver has been mutually negotiated and agreed to by the parties. If a court of competent jurisdiction determines that this contract is subject to RCW 4.24.115, Consultant's obligation to defend, indemnify and hold harmless the District, its officers, employees, agents and volunteers shall be limited to the extent of Consultant's negligence. The provisions of this Section shall survive the expiration of termination of this Agreement.
- Ownership of Documents. Consultant agrees to return to District upon termination of this Agreement all documents, logs, drawings, photographs and other written or graphic material, however produced, received from District and used by Consultant in performance of its services hereunder. All documents, logs, drawings, specifications, designs, mylars, surveys, survey data, reports and other work product (collectively referred to as "Work Product") produced by Consultant in connection with the services rendered under this Agreement shall be owned by District. District shall own all copyrights to such Work Product and Consultant agrees to assign all ownership rights to such Work Product to the District. Reuse of any such Work Product by the District for other than a specific project or modification in use by the District of any of the Work Product without the Consultant's prior written approval shall be at the District's sole risk.
- 10. <u>Standard of Care.</u> Consultant warrants that its services shall be performed with the level of care, skill and competence of the consulting profession in accordance with the standard for professional services at the time the services are rendered.
- 11. Right of Entry. District shall provide for the right of entry of Consultant and its subcontractors and all necessary equipment in order to complete the services under this Agreement.
- 12. <u>Compliance with Codes and Standards</u>. Consultant's Professional Services shall be consistent with the standard of care and shall incorporate those publicly known federal, state and local laws, regulations, codes and standards that are applicable at the time Consultant renders its services.

#### AGREEMENT FOR CONSULTING SERVICES

- 13. <u>Discovery of Hazardous Materials</u>. The Parties recognize that unanticipated hazardous materials or suspected hazardous materials may be discovered on District's property or on property included as part of the site of work but not owned by District. The discovery of unanticipated hazardous materials may delay the Consultant's provision of the services required herein. In that event, the parties may extend the Contract Completion Date by mutual agreement.
- 14. <u>Termination</u>. This Agreement may be terminated by either Party upon five (5) days written notice for any reason. In the event of termination, Consultant shall be entitled to compensation for all services performed and costs incurred through and including the date of termination, except as to any disputed amounts.

# 15. General Provisions.

a. <u>Notices</u>. Any notice or demand desired or required to be given under this Agreement shall be in writing and deemed given when personally delivered, sent by facsimile machine, or deposited in the United States Mail (or with an express courier), postage prepaid, sent certified or registered mail, and addressed to the parties as set forth below or to such other address as either Party shall have previously designated by such a notice:

To the District:	To the Consultant:	
Highline Water District	Atwell LLC	
23828 30th Ave. S.	[Address]	
Kent, WA 98032	[City, State Zip]	
Attn: General Manager	Attn: [Name]	

- b. Entire Agreement. This Agreement and its exhibit attachments contain the entire understanding between the District and Consultant relating to the consulting services which are the subject of this Agreement. This Agreement merges all prior discussions, negotiations, letters of understanding or other promises whether oral or in writing. Subsequent modification or amendment of this Agreement shall be in writing and signed by the parties to this Agreement.
- c. <u>Waiver</u>. Waiver of any breach or default hereunder shall not constitute a continuing waiver or a waiver of any subsequent breach either of the same or of another provision of this Agreement.
- d. <u>No Third Party Rights</u>. This Agreement is made only for the benefit of the District and Consultant and successors in interest and no third party or person shall have any rights hereunder whether by agency, as a third party beneficiary, or otherwise.
- e. <u>Jurisdiction/Law</u>. This Agreement shall be governed by and construed in accordance with the laws of the State of Washington. Any suit to enforce or relating to this Agreement shall be brought in King County Superior Court, King County, Washington.

Project 24-1 Atwell LLC HWD Contract #24-60-04

# AGREEMENT FOR CONSULTING SERVICES

- f. <u>Severability</u>. If any term, covenant or condition of this Agreement is held by a court of competent jurisdiction to be invalid, the remainder of this Agreement shall remain in effect.
- g. <u>Effective Date</u>. The effective date of this Agreement shall be the date that this Agreement has been signed by authorized representatives of both Parties hereto ("Effective Date").

	ATWELL LLC
	("CONSULTANT")
Ву	
Typed Name	
Its	
Dated	
	HIGHLINE WATER DISTRICT
	("DISTRICT")
Ву	
Typed Name	Jeremy DelMar
lts	General Manager
Dated	

24-60-04\_Project 24-1 16<sup>TH</sup> Ave S Water Main Replacement\_Atwell
REF #: \_\_136\_\_\_\_\_\_ FORM REVISED: \_\_10/13/08



# HIGHLINE WATER DISTRICT 16TH AVE S WATER MAIN REPLACEMENT

#### SCOPE OF WORK

Based upon our understanding of the project requirements and discussions with Highline Water District ("District"), Atwell has developed the following scope of services:

#### PROJECT UNDERSTANDING

Atwell, LLC ("Atwell") will provide engineering services for the 16<sup>th</sup> Ave S Water Main Replacement Project ("Project") in conjunction with the City of Seatac's 2024 Overlay Project. The Project generally consists of the design to replace ±1,300 linear feet of existing 6-inch AC water main with 8-inch DI water main along 16<sup>th</sup> Ave S from S 188<sup>th</sup> St to S 192<sup>nd</sup> St, including valves, fittings, fire hydrants, connection to existing mains, water services, other appurtenances, and surface restoration.

#### PROJECT SCHEDULE

See attached for the Project Schedule. This project schedule is for the City of Seatac 2024 Overlay & Storm Project, which this scope of work is aligned with. Not all milestones are applicable to this scope.

# TASK 001: PROJECT MANAGEMENT:

This task is for general coordination and meetings on the project, including coordination with the District, internal plan review/discussion meetings and in-house quality assurance. Atwell will prepare monthly invoices for work performed during the previous month. Included with the invoices will be pertinent backup materials and progress reports of the project to date. Quality Assurance/Quality Control reviews will be completed at each submittal stage.

Deliverables: Monthly Invoices, Progress Reports, QA/QC.

## TASK 002: 60% DESIGN:

Atwell will complete the 60% design stage for the Project. The services under this task will include:

- Kickoff meeting with District staff.
- Site visit.
- 60% Design Plans, including:
  - ▶ Sheets at 22"x34" with roughly an 18"x28" drawing area.
  - Drawing scale at 1"=20' horizontal and 1"=5' vertical.
  - Cover Sheet, General Notes, and Sheet Index.
  - TESC Notes and Details
  - Proposed improvements shown in plan and profile view with construction notes called out including preliminary water connection details.
  - Design details shown, referencing the District's standard details and developing draft specialized details as necessary.
- 60% Specifications.
- 60% Engineer's Estimate.
- 60% Design Memo

Deliverables: 60% Plans (PDF).



60% Specifications (PDF).

60% Engineer's Estimate (PDF).

60% Design Memo accompanying the submittal that outlines assumptions, questions, and recommendations (PDF).

# Assumptions & Exclusions:

Atwell CAD standards will be utilized for the current project. Revisions to layout, presentation or other standardized drafting processes is not anticipated. Traffic control plans will not be included in this project. WSDOT Sample plans will be sufficient for submittals and the contractor will provide site specific traffic control plans after award. This task assumes a 2-week turnaround for District review. District will provide sample specifications to Atwell.

# TASK 003: 90% DESIGN:

Atwell will complete the 90% design stage for the Project. The services under this task will include:

- 60% Review meeting with District staff.
- Project walkthrough with District engineer and operations staff.
- Incorporating the District's 60% comments into the contract documents.
- 90% Design Plans, including:
  - ▶ Sheets at 22"x34" with roughly an 18"x28" drawing area.
  - Drawing scale at 1"=20' horizontal and 1"=5' vertical.
  - Cover Sheet, General Notes, and Sheet Index.
  - TESC Notes and Details.
  - Proposed improvements shown in plan and profile views with water connection details.
  - ▶ Design details shown, referencing the District's standard details and specialized details as necessary.
- 90% Specifications.
- 90% Engineer's Estimate.
- 90% Design Memo

#### Deliverables:

90% Plans (PDF).

90% Specifications (PDF).

90% Engineer's Estimate (PDF).

90% Design Memo accompanying the submittal that outlines assumptions, questions, and recommendations (PDF).

#### Assumptions & Exclusions:

This task assumes a 2-week turnaround for District review.

#### TASK 004: FINAL DESIGN:

Based on District review comments from the 90% Design stage, Atwell will complete production of the Final Design (Bid Documents), including:

- 90% Review meeting with District staff.
- Incorporating District's 90% comments into the contract documents.



 One (1) Bid Package: Final Plans, Specifications, and Engineer's Estimate to the bid-ready stage.

Deliverables: Final Plans (PDF and ACAD base files).

Final Specifications (PDF and Word files).

Final Engineer's Estimate (PDF and Excel files).

### Assumptions & Exclusions:

No further review comments will need to be addressed after final design submittal.

#### TASK 005: BIDDING AND AWARD SERVICES SUPPORT:

Atwell will provide consulting services during the bidding process, including:

- Addressing questions from prospective bidders, if necessary.
- Generally assisting the District during the bidding process as needed.
- Preparing and issuing addenda to clarify the construction documents, if necessary.

Deliverables: Addenda if necessary.

# Assumptions & Exclusions:

The District will coordinate with the City of Seatac for publications for advertisement of bid, conducting the bid opening, preparing the bid tabulation, reviewing apparent low bidder references, and preparing recommendation for contract award.

#### TASK 006: MANAGEMENT RESERVE:

The task provides for unanticipated services deemed to be necessary during the course of the Project that are not specifically identified in the scope of work tasks defined above. No guarantees are made by Atwell that the Management Reserve amount will fully cover additional work requested. Any funds under this item are not to be used unless explicitly authorized by the District. Fee estimate is based on ±10% of Tasks.

# **CLARIFICATIONS**

- 1. Scope and fees outlined above are based on the Project Understanding included with this proposal as well as the following information (any changes to these documents may result in changes to the fees):
  - a. Correspondence prior to the effective date of this Agreement.
- 2. The following items are not anticipated to be necessary and are not included in this proposal:
  - a. Topographic survey.
  - b. Structural, Environmental, Geotechnical, or Transportation Engineering Services.
  - c. Sanitary sewer main replacement/improvements.
  - d. Gas main relocation coordination.
  - e. Power relocation coordination (Client to coordinate).
  - f. Other dry utility relocation coordination.
  - g. Wall or rockery design above 4ft.



- h. Traffic control plan design (Contractor to provide).
- Potholing during design.
- j. Flow control design.
- k. Capacity analysis of existing stormwater conveyance system.
- I. Environmental documentation/permits beyond what is included in the scope above.
- m. Construction Administration, Staking, or Inspection Services (a separate fee proposal can be provided upon request).
- 3. Water meter, roof downspout, and side sewer sizing to be performed by others.
- 4. Standard Client review times will be 2-weeks, unless shown otherwise in a project schedule submitted to the Client.
- 5. Atwell will not pay any Agency fees on behalf of the Client. This includes any fees associated with permits and easements.
- 6. This scope of work anticipates a single construction package. If the project becomes split into separate packages, an additional fee estimate can be provided for those packages after the first complete construction documents.
- 7. This assumes that the project will be included as a single construction package with the City of Seatac 2024 Overlay & Storm project. If the project becomes separate from the City of Seatac, an additional fee estimate can be provided.
- 8. The fees stated above do not include reimbursable expenses such as large format copies (larger than legal size), mileage, and plots. These will appear under a separate task called **EXPENSES**.
- 9. Time and expense items are based on Atwell's current hourly rates.
- 10. These fees stated above are valid if accepted within 30 days of the date of the proposal.
- 11. Atwell reserves the right to adjust fees per current market conditions for tasks not started within a year of contract execution.
- 12. Átwell reserves the right to move funds between approved Tasks 001 005 as necessary based on approved scope of work provided the overall budget of Tasks 001 005 is not exceeded. Client Project Manager will be notified if funds are shifted.
- 13. Project stops/starts and significant changes to the Project Schedule may result in changes to the fees provided above and a separate fee proposal will be provided.
- 14. Client revisions requested after the work is completed will be billed at an hourly rate under a new task called Client Requested Revisions. A fee estimate can be provided to the Client prior to proceeding with the revisions.
- 15. If the Client requests Atwell's assistance in complying with any public records request, including without limitation providing copies of documents and communications, Client will pay Atwell's hourly fees and costs incurred in providing such assistance at then-current rates. Such fees and costs will be billed as a separate task and will be in addition to the maximum or total fees and costs stated in the agreement to which this scope of work is attached.

# INFORMATION TO BE PROVIDED BY THE CLIENT:

In preparing the proposal, it is understood the following be provided by the Client:

1. Obtaining any offsite easements or right-of-entry including permanent easements (if required) will be the responsibility of the Client.





Job Number: Date:

ATWELL

23005966 Prepared By: 11/22/2023 Checked By:

Grace Garwin, EIT Robert Dahn, PE

		•,	Senior Project Manager	Senior Project Engineer	Engineer	Designer			
Task #	Base Tasks	ks	\$250/hr Hours	\$220/hr Hours	\$199/hr Hours	\$199/hr Hours	Total Hours	Total Fee	Fee Type
001	Project Management		22	80	0	0	30	\$7,260	Not to Exceed
200	60% Design		თ	16	42	26	123	\$25,270	Not to Exceed
003	90% Design		7	14	28	36	85	\$17,570	Not to Exceed
004	Final Design		∞	œ	16	24	26	\$11,720	Not to Exceed
900	Bidding & Award Services		Ŋ	9	2	0	13	\$2,970	Not to Exceed
900	Management Reserve							\$5,000	Not to Exceed
	Expenses							\$500	Not to Exceed
		Total Hours	51	52	88	116	307		
		Atwell Personnel	\$12,750	\$11,440	\$17,512	\$23,084		\$70,290	



001	Project Management		Senior Project	Senior Project Fngineer	Engineer	Designer	Total	
Item #	Description		\$250/hr	\$220/hr	\$199/hr	\$199/hr		
			Hours	Hours	Hours	Hours	P	
ч	Monthly Invoices/Progress Reports	zs S	4				4	
7	QA/QC		10				10	
m	General Project Coordination		∞	∞			16	
		Total Hours	22	00	0	0	30	
		Total Fee	\$5,500	\$1,760	\$0	\$0	❖	\$7,260
500	60% Position		Senior Project	Senior Project			Total	
700	60% Design		Manager	Engineer	Engineer	Designer	Hours	
Item #	Description		\$250/hr	\$220/hr	\$199/hr	\$199/hr		
			Hours	Hours	Hours	Hours	ĺ	
1	Kickoff Meeting		2	2	2		9	
2	Sheet Setup					20	20	
m	60% Design Plans		Т	4	12	36	53	
4	60% Specifications		1	2	80		11	
Ŋ	60% Engineer's Estimate		₩	2	12		15	
9	Design Memo			2	4		9	
7	Site Visit		4	4	4		12	
		Total Hours	6	16	42	56	123	
		Total Fee	\$2,250	\$3,520	\$8,358	\$11,144	\$	\$25,270
6	2000 V000		Senior Project	Senior Project			Total	
200	30% Design		Manager	Engineer	Engineer	Designer	Hours	
Item #	: Description		\$250/hr	\$220/hr	\$199/hr	\$199/hr		
			Hours	Hours	Hours	Hours	ī	
e#	District Review Meeting on 60% I	60% Design	4	4	4		12	
2	90% Design Plans		1	4	∞	36	49	
m	90% Specifications		T	2	4		7	
4	90% Engineer's Estimate		₽	2	8		11	
Ŋ	Design Memo			2	4		9	
	r-	Total Hours	7	14	28	36	82	
		Total Fee	\$1,750	\$3,080	\$5,572	\$7,164	₩.	\$17,570

004	Final Design		Senior Project Manager	Senior Project Engineer	Engineer	Designer	Total Hours	
Item #	Description		\$250/hr	\$220/hr	\$199/hr	\$199/hr		
			Hours	Hours	Hours	Hours	ı	
⊣	District Review Meeting on 90% Design	_	2	2	2		9	
2	Final Design Plans		2	2	9	24	34	
c	Final Specifications		2	2	4		00	
4	Final Engineer's Estimate		2	2	4		00	
	Total Hours	lours	00	8	16	24	56	
	Tota	Total Fee	\$2,000	\$1,760	\$3,184	\$4,776	÷	\$11,720
005	Bidding & Award Services		Senior Project	Senior Project	Engineer	Designer	Total	
Item #	Description		\$250/hr	\$220/hr	\$199/hr	\$199/hr	Siboli	
			Hours	Hours	Hours	Hours	1	
1	Answer Bidder Questions		2	2			4	
2	Prepare and Issue Addenda		₩	2	2		Ŋ	
m	General Consultation		2	2			4	
	Total Hours	Hours	ம	9	2	0	13	
	Tota	Total Fee	\$1,250	\$1,320	\$398	\$0		\$2,970
900	Management Reserve					Total Cost		Total
Item #	· Description							
디	Unassigned Services Reserve					\$5,000		
					Total Fee	\$5,000	Ī	\$5,000

