

WASHINGTON WATER SERVICE COMPANY

May 24, 2022

Amanda Maxwell, Executive Director & Secretary Washington Utilities and Transportation Commission PO Box 47250 Olympia, WA 98504-7250

Dear Ms. Maxwell;

Enclosed is a copy of the contract between Nicholas & Kathleen McCann and Washington Water Service Company (WWSC) to extend the existing water main line to the north end of Moose Trail NW. This site is in Pierce County, which is serviced by Artondale Water System, DOH ID# 03160, Parcel #0121244082. This agreement has been signed by Nicholas McCann and countersigned by Matthew D. Brown, the General Manager of WWSC.

Estimated costs identified on attachment "A" are \$33,927.00. To this, a half payment of \$16,963.00 has been received for the total projected engineering costs, as attached.

A vicinity map showing the location of the lot is included with this filing. Please do not hesitate to call me at 253-851-4060 Ext. 71103, if you have any questions.

Sincerely,

Thu Hoang Accounting Analyst

NOV 1 5 2021



### WASHINGTON WATER SERVICE

14519 Peacock Hill Avenue • P.O. Box 336 Gig Harbor, WA 98335 *Tel:* (877) 408-4060

October 21, 2021

Nicholas and Kathleen McCann 3711 Moose Trail NW Gig Harbor, WA 98335

Re: Artondale Water System, DOH ID# 03160, Pierce County Water Main Extension Agreement for 3716 Moose Trail Nw Parcel No. 0121244082

Dear Nicholas and Kathleen McCann:

This Water Main Extension Agreement (the "Agreement") is between Washington Water Service Company (the "Washington Water") and Nicholas and Kathleen McCann (the "Owner") to extend the existing watermain line and installation of any other facilities needed to provide water utility service to the parcel(s) referenced above.

This Agreement sets forth the terms and conditions as well as our engineer's projected costs, enclosed as "Attachment A", the existing watermain must be extended to the north end of Moose Trail NW to provide service to your parcel. The projected cost for the extension and service installation is exclusive to the time and materials necessary to provide an engineered construction plan-set for the watermain extension and 1 new service, the tie-in of new construction to the distribution system, bacteriologic sampling, and engineer inspections. The final amount billed for completing this project is based on actual costs for engineering, materials, labor and other variables needed to complete the project, this amount may also vary from the projected costs provided due to unforeseen issues during the installation/tie-in of the extended watermain and service line that are beyond the control of Washington Water.

Washington Water will provide an engineered construction plan and will complete the installation of the watermain, appurtenances and service for the intended propose of installing water service to the parcel listed above. The new watermain will be tapped and a service line pushed under the existing roadway where service will be set in the right-of-way near the southwest corner of your parcel. This service is for domestic use only.

A portion of this project involves installing a water main along Moose Trail NW, which is a private drive. We will require a 20 foot wide easement for the line extension that you will be required to have signed by the property owner(s) of all affected properties and notarized, recorded with Pierce County prior to the construction portion of the project. This easement is necessary for Washington Water to maintain our water system facilities on an on-going basis.

Quality. Service. Value. wawater.com If in home fire sprinklers will be required by Pierce County Fire Marshal's office, a larger service assemble may be needed at accommodate the sprinkler flow. If fire flow sprinklers are required, please provide a copy of sprinkler requirements from the Fire Marshal's office or the sprinkler flow calculations from your fire sprinkler professional for sizing the larger service assembly.

The improvements stated herein qualify as Contributed In Aid of Construction (CIAC). Pursuant to Section 118(b) of the Tax Cuts and Job Act of 2017, federal tax laws require CIAC funds to be federally taxed ensuring that the expansion of water service to new customers does not unfairly burden a utility's existing customers. Applicants should consult their tax advisors concerning the application of tax laws to their particular situations.

#### **Terms & Conditions**

The projected costs are for engineering, construction materials and labor only, unless otherwise specified in Attachment A. Upon execution of this Agreement and prior to commencement of engineering and construction, Washington Water requires a deposit payment of \$16,963 or full payment of \$33,927 of the projected costs outlined in this Agreement. All past due accounts will be charged 1.5% per month (18% per annum). The projected costs submitted in this Agreement is provided as preliminary information only and the figures and information contained herein are subject to the execution of this Agreement within 30-business days of the date the Agreement was issued.

Terms and conditions of this Agreement are subject to the review and approval of the Washington State Utilities and Transportation Commission (the "Commission"). Upon execution of this Agreement, Washington Water will submit the Agreement to the Commission for their approval. Upon the Commission's approval, plans will be prepared, and if required, submitted to the Washington State Department of Health for their approval. Once all necessary approvals have been obtained and the required payment received, Washington Water will schedule and cause construction to commence.

Upon completion of the main extension and any other requested facilities have been installed, pressure tested, bacteriological samples taken and tested with satisfactory results and a Certificate of Completion signed by a licensed engineer and all approvals received; Washington Water requires all remaining amounts be paid in full with an active billing account established prior to commencement of domestic water service and issuance of a Certificate of Water Availability. If meter installation does not occur after the installation of facilities, the Owner will be charge a monthly Ready to Serve fee as listed in Washington Water's approved tariff, until a meter installation has occurred.

Neither this Agreement nor any of the rights, interests or obligations under this Agreement may be assigned or delegated, in whole or in part, by operation of law, or otherwise, by Owner without the prior written consent of Washington Water, and any such assignment without such prior written consent shall be invalid. Nothing expressed or referred to in this Agreement will be construed to give any person other than the parties to this Agreement any legal or equitable right, remedy, or claim under or with respect to this Agreement or any provision of this Agreement. This Agreement and all of its provisions and conditions are for the sole and exclusive benefit of the parties to this Agreement and their successors and assigns.

Upon execution of this Agreement, the Owner has 180-business days to coordinate with Washington Water for the engineering and construction to complete this project. This Agreement shall automatically become invalid unless the work authorized in this Agreement has commenced within 180-business days after execution.

2 | P a g e Quality. Service. Value. wawater.com



Once this Agreement has become invalid, the project will be closed and all project work will cease; a refund check will be issued to the Owner for deposits or pre-paid amounts received by Washington Water minus any billable work completed and non-refundable fees.

l agree to have Washington Water complete this installation under the conditions listed below:

- Remit a deposit payment of \$16,963 or full payment of \$33,927 of the projected costs for engineering, construction labor, materials, and county permits provided by Washington Water, as outlined in Attachment A.
- Time required to complete this project may vary due to the size of the project, projects already scheduled and emergencies that may require our construction crew to leave project site.

#### **BEFORE CONSTRUCTION BEGINS:**

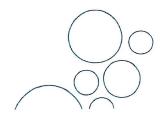
- The signed Agreement and the required payment must be received by Washington Water before any work will be scheduled, including the purchasing of materials.
- If required, Washington Water will be responsible for obtaining all necessary regulatory agency approvals, county/state permits and schedule with outside contractors.
- Provide names of any contractor(s) that may be working on-site.
- Schedule a pre-con meeting to review detailed plans and specifications with Washington Water's Engineer, and the Construction Superintendent or Construction Foreman.

#### **DURING CONSTRUCTION:**

- Washington Water will operate the valves for filling and flushing of the new water main.
- Review status of project and coordinate inspections with Washington Water (either our Construction Superintendent/Foreman or Engineering Department).

#### BEFORE TIE-IN/ACTIVATION OF NEW FACILITIES:

- Once construction is completed, Washington Water will be responsible for pressure testing installed facilities.
- If a fire hydrant is installed, Washington Water will be responsible for fire flow testing and county submittal.
- Washington Water will take bacteriological samples. The results from the samples taken are required to meet all Washington State Department of Health Drinking Water Regulations and Standards. Unsatisfactory results will delay the tie-in of the new facilities.
- A backflow assembly (Double Check Valve-DCVA/Reduced Pressure Backflow-RPBA/Pressure Vacuum Breaker-PVB) is required whenever there is a possibility of a cross connection between the public water system and a non-portable water source. Examples include, but are not limited to, irrigation systems, fire sprinkler systems or other water-using equipment. The backflow assembly device must be installed on the customer side of the meter; a licensed plumber can install this device. Annual testing and repair of the device is the responsibility of the parcel owner.
- Final payment for the work completed as outlined in this Agreement has been received, and any remaining amounts due be paid in full



**3** | P a g e Quality. Service. Value. wawater.com

If the terms of this letter are acceptable, please initial your election to have Washington Water complete the extension project under the terms listed in the Agreement and then sign the letter below. Return both this letter and the agreed payment to our Gig Harbor Office at 14519 Peacock Hill Avenue NW, Gig Harbor, WA 98335 (Mailing Address: PO Box 336, Gig Harbor, WA 98332). If you have any questions, please give me a call directly in Gig Harbor at (253) 851-4060 or toll free at (877) 408-4060.

Sincerely,

Bv

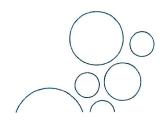
Matthew D. Brown, P.E. General Manager

Accepted

MECAN HOLAS By: Print Name Phone: - 3 Date Accepted:

Enclosure(s)

 cc: Jim Morrison, Interim Accounting Manager Eric Williams, Construction Superintendent Sarah Castro, Customer Service Manager John Puccinelli, Engineering Manager Jim Jensen, Operations Manager (East Pierce) File1: Artondale Water System File2: EngFile# 3896



4 | P a g e Quality. Service. Value. wawater.com

103460         Construction Materials for Hydrants         1         S         -         S         -           Sub-Total         S         S         -         -         S         -         -         S         -         S         -         S         -         -         S         -         -         S         -         -         S         -         S         -         -         S         -         -         S         -         -         S         -         -         S         -         -         S         -         -         S         -         -	7	6800 Mer	ng Departmei idian Road Sl ia, WA 98513				
Stat Bacos Training and the second secon				t Costs S	ummary		
Stat Bacos Training and the second secon		Artondale	Water Sys	stem			
Unit of Property Construction Materials, Pipe, Aulwes, Filtings, Etc.       Unit of 1153:00       Unit of 5,229,44       Total         030400 Construction Materials, Pipe, Aulwes, Filtings, Etc.       115       5,029,44       5,029,44         103400 Construction Materials, Pipe, Aulwes, Filtings, Etc.       115       5,029,44       5,029,44         103400 Construction Materials for Services Sub-Total       15       5,016       5,030,44         Sub-Total       0,050,5       5,000,44       5,000,44         Subs Total       0,050,5       5,000,44       5,000,44         Subs Total       0,000,5       5,000,44       5,000,44         Total       Description       Quantity       Maxor       Total         103400       Construction Labor       Social       5,000,44         103400       Construction Labor       Social       Social       5,000,44         103400       Construction Labor       Social       Social       Social       Social         103400       Construction Labor       Social       Social					tension		
Image: Second S							
Unit of Property (10000)         Description (10000)         Outsity (100000)         Unit Cost (1000000000000000000000000000000000000			31 0000 101 30-02	ay3)	Engineering Fil	e# 3890	6
Property         Description         Quantity         Measure         Unit Cost         Total           1103460         Construction Materials (Pic Valves, Filing, Elc         1         1         5         5.229.44         5         5.229.44           1103460         Construction Materials for Valvants         1         1         5         6         7         5         5         7         10         8         5         5         5         5         5         7         10         10         10         10         10         10         10         10         10         10         10         10         10         10 <t< th=""><th></th><th></th><th>*** Constru</th><th>ction Ma</th><th></th><th></th><th></th></t<>			*** Constru	ction Ma			
Initialization         Test Survey         Superstant         Su							<b>T</b> ( )
103450         Construction         Materials for Services         1         Ls         \$         075.10         075.10							
103480         Construction Materials for Hydrants         1 LS         \$         .         \$           Sub-Total         Sub-Total         S         .         S         .         S         .         S         .         .         .         S         .         .         .         .         S         .	103240	Construction Materials, Fipe, Valves, Fittings, Etc					675.19
Unit of Property         Description         Quantity         Unit of Measure         103 40 (s)         5.510.60 (s)           10340 Construction Labor + Watermain         1 LS         \$ 9,108.00         \$ 7,079.60           10340 Construction Labor - Hydrants         1 LS         \$ 9,108.00         \$ - 5           10340 Construction Labor - Hydrants         1 LS         \$ 9,108.00         \$ - 5           10340 Construction Labor - Hydrants         1 LS         \$ - 5         \$ - 0           103480 Construction Labor - Hydrants         1 LS         \$ - 5         \$ - 0           103480 Construction Labor - Hydrants         1 LS         \$ - 5         \$ - 0           103480 Construction Labor - Hydrants         1 LS         \$ - 5         \$ - 0           WWSC Engineering         1 LS         \$ - 5         \$ - 0           Contingency         103 48 (s)         \$ - 16.170         \$ - 16.170           Rounded Up Value         \$ 5,616.60         \$ - 5.616.60         \$ - 16.170           WWSC Engineering         1 LS         \$ - 14.172.40         \$ - 14.172.40           Countingency         1018 (d)         Water         \$ - 16.170.718           Unit of         Unit of         Unit of         Weaver         \$ - 16.170.718.516.700.717.717.516.717.717.516.717.717.516.717			1	LS	\$		
Sub-Total         \$ 5.904 (%)           Sub-Total         \$ 5.904 (%)           Sales Tax         9.00% § 5.904 (%)           Sub-Total - Materials         7.0766 (%)           Sub-Total - Materials         \$ 9.00% § 5.904 (%)           Sub-Total - Materials         \$ 9.00% § 5.904 (%)           With of         Property           Property         Description           Quantity         Unit of           103240         Construction Labor - Watermain           1123         \$ 9.108.00           WWSC Engineering         1 LS           Sub-Total - Construction Labor         \$ 14,724 6           Contingency         10% § 14,724 6           Contingency         10% § 14,724 6           Control - Labor         \$ 14,724 6           Dott Rever Fees         1 LS         \$ 5 - 1           Genetentical Engineerin         1 LS         \$ 5 - 1           Genetentical Engineerin         1 LS         \$ 5 - 1           Genetentical Engineerin         1 LS							-
Contingency         10%         \$ 509.44           Sales Tax         0.00%         \$ 7.707.64           Rounded Up Value         \$ 7.707.64           *** Construction Labor ***           Unit of         Unit of         Unit of           103480         Construction Labor - Services         115         \$ 9.108.00         \$ 9.108.00           103480         Construction Labor - Services         115         \$ 9.108.00         \$ 9.108.00           103480         Construction Labor - Hydrants         115         \$ 9.108.00         \$ 5.616.80           WWSC Engineering         115         \$ 5.616.80         \$ 5.616.80         \$ 5.616.80           WWSC Engineering         115         \$ 14.724.66         \$ 1.4724.66         \$ 1.4724.66           Contingency         10% dott         \$ 14.724.66         \$ 1.4724.66         \$ 1.4724.66           Contingency         10% dott         \$ 1.4724.66         \$ 1.4724.66         \$ 1.4724.66           Contingency         10% dott         \$ 1.4724.66         \$ 1.4724.66         \$ 1.4724.66           Contigency         10% dott         \$ 1.4724.66         \$ 1.4724.66         \$ 1.4724.66           Contigency         10% dott         \$ 1.4724.66         \$ 1.4724.66         \$ 1.47			Sub-Total				5 904 6
Sales Tax         900%         \$ 584.56           SUB Total         Naterials         9.7079.60           Rounded Up Value         \$7,100.0           *** Construction Labor ***           Unit of Property         Description         Quantity         Unit of Measure         Unit Cost         Total           103400         Construction Labor - Services         1         15         \$ 9,108.00         \$ 9,108.00           103400         Construction Labor - Noteces         1         15         \$ - \$         \$ - \$           103400         Construction Labor - Noteces         1         15         \$ - \$         \$ - \$           103400         Construction Labor - Noteces         1         15         \$ - \$         \$ - \$           WWSC Engineering         1         15         \$ -\$         \$ -\$         \$ -\$           Contingency         10%         \$ 1.472.40         \$         1.472.40         \$           Sub-Total - Construction Labor         10.472.40         \$         1.472.40         \$           Outried Contractor ***         Unit Cost         Total         \$         1.472.40         \$           Outried Permits Encroachment)         115         \$         \$         1.472.40							
Rounded Up Value         \$7,100.0           *** Construction Labor ***           Unit of Property         Description         Quantity         Unit of Unit S         9,108.00         \$ 14,724.6         \$ 14,724.60         \$ 14,72							
*** Construction Labor ***         Unit of Property       Description       Quantity       Measure       Unit of s       Total         103240       Construction Labor - Watermain       1 LS       \$       9.108.00       \$       9.108.00         103400       Construction Labor - Hydrants       1 LS       \$       9.108.00       \$       5.616.60         WWSC Engineering       1 LS       \$       5.616.60       \$       5.616.60       \$       5.616.60         WWSC Engineering       1 LS       \$       5.616.60       \$       5.616.60       \$       5.616.60       \$       5.616.60       \$       5.616.60       \$       5.616.60       \$       5.616.60       \$       \$       5.616.60       \$       5.616.60       \$       \$       5.616.60       \$       \$       5.616.60       \$       \$       5.616.60       \$       \$       5.616.60       \$       \$       5.616.60       \$       \$       5.616.60       \$       \$       5.616.60       \$       \$       6.017.00       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$       \$			SUB Total - M				
Unit of Property         Description         Quantity         Unit of Measure         Unit Cost         Total           103240         Construction Labor - Watermain         1 LS         \$ 9,108.00         \$ 9,108.00         \$ 9,108.00         \$ 9,108.00         \$ 9,108.00         \$ 9,108.00         \$ 9,108.00         \$ 9,108.00         \$ 1.5         \$ - \$ - \$ - \$         \$ - \$			Rounded Up	Value			\$7,100.0
Property         Description         Quantity         Measure         Unit Cost         Total           103450         Construction Labor - Services         1         1         1         5         9,108.00         5         9,108.00           103450         Construction Labor - Hydrants         1         1         5         5         -         5         -         1         5         5         -         10.0         10.0         10.0         10.0         10.0         0 <td></td> <td></td> <td>*** Constru</td> <td>ction Lab</td> <td>oor ***</td> <td></td> <td></td>			*** Constru	ction Lab	oor ***		
Property         Description         Quantity         Measure         Unit Cost         Total           103400         Construction Labor - Watermain         1         LS         \$         9,108.00         \$         9,108.00           103480         Construction Labor - Services         1         LS         \$         \$         \$         -           103480         Construction Labor - Hydrants         1         LS         \$         \$         -         -         \$         -         \$         -         -         \$         -<	Unit of			Unit of			
103240         Construction         Lbs         \$         9,108.00         \$         9,108.00           103480         Construction Labor - Hydrants         1         1         1         \$		Description	Quantity		Unit Cos	t	Total
103480         Construction Labor - Hydrants         1         I         S         .         S         .           WWSC Engineering         1         1.S         \$         5.616.60         \$         \$         5.616.60         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$							9,108.00
Nume         Image: Second construction of the second construction constr							-
WWSC Engineering         1         LS         \$         5,616.60         \$         5,616.60           Contingency         1	103480	Construction Labor - Hydrants	1	LS	\$		-
Image: Second		WWSC Engineering	1	LS	\$ 5,616		5,616.6
L         \$         14,724 Sub-Total - Construction Labor         \$         14,724 Sub-Total - Construction Labor         \$         16,197.0           Rounded Up Value         *** Outside Contractor ***         ***         Unit of         Unit of         Unit of         County Permits (Encroachment)         ILS         \$         14,024 Sub-Total - Construction Labor         \$         16,197.0           OOH Review Fees         1         LS         \$         14,024 Sub-Total - Construction Labor         \$         16,197.0           OH Review Fees         1         LS         \$         414.00         \$         414.00           OOH Review Fees         1         LS         \$         \$         -         -           Hydrogeologist         1         LS         \$         -         -         -           Geotechnical Engineer         1         LS         \$         -		WW30 Engineering			• -,	\$	-
Contingency       10%       \$ 14.72.4         Sub-Total - Construction Labor       \$ 16.197.00         Rounded Up Value         *** Outside Contractor ***         Unit of       Unit of       Unit of         County Permits (Encroachment)       11.15       \$ 414.00         DOH Review Fees       11.15       \$ -         Hydrogeologist       11.15       \$ -         Engineering Consultant       11.15       \$ -         Land Surveyor       11.15       \$ -         Land Cost       11.15       \$ -         Bonding       11.25       \$ -         Sanitary Facility Rental (Portable Toilet)       11.15       \$ -         Nadditional Insurance       11.15       \$ -         Bonding       11.25       \$ -         Suitary Facility Rental (Portable Toilet)       11.15       \$ -         Irrafic Contractor - Playement Restoration       11.15       \$ -         Sub-Total - Custade Up Value       \$ 3.000.00       \$ 2.400.00         Gontingency       10%       \$ 2.814.00       \$ -         Controid Contractor - Flaggers       1 LS       \$ -         Unit of Contractor - Flaggers       1 LS       \$ 2.814.00         Con							
Sub-Total - Construction Labor       \$ 16,197.0         Rounded Up Value       \$16,200.0         *** Outside Contractor ***         Unit of       Unit of         Property       Description         Quantity       Measure         Unit of       Unit cost         Property       Description         Quantity       Measure         Unit of       Unit Cost         Property       Description         Quantity       Measure         ILS       \$ 414.00         DOH Review Fees       1 LS         Engineering Consultant       1 LS         Land Surveyor       1 LS         Land Cost       1 LS         Bonding       1 LS         Sanitary Facility Rental (Portable Toilet)       1 LS         Paving Contractor - Playement Restoration       1 LS         Paving Contractor - Flaggers       1 LS         Sub-Total - Outside Contractor       \$ 3.0934         Rounded Up Value       \$ 3.000         Federal Tax per the TCJA=       \$ 7.0177         State B&O Tax =       \$ 5.05         Quintary Federal Tax per the TCJA=       \$ 7.0177         State B&O Tax =       \$ 5.068         Proj			Contingency		1		
*** Outside Contractor ***         Unit of Property       Description       Quantity       Unit of Measure       Total         ODH Review Fees       1 LS       \$ 414.00 \$ 414.00         DOH Review Fees       1 LS       \$ 0         Hydrogeologist       1 LS       \$ 0         Engineering Consultant       1 LS       \$ 0         Land Surveyor       1 LS       \$ 0         Land Cost       1 LS       \$ 0         Additional Insurance       1 LS       \$ 0         Bonding       1 LS       \$ 0         Paving Contractor - Pavement Restoration       1 LS       \$ 0         Paving Contractor - Pavement Restoration       1 LS       \$ 0         Image: Contractor - Flaggers       1 LS       \$ 0         Via document Restoration       1 LS       \$ 0         Image: Contractor - Flaggers       1 LS       \$ 0         Sub-Total       \$ 2,400.00       \$ 2,400.00         Contractor - Flaggers       1 LS       \$ 0         Sub-Total       \$ 0       \$ 0         Quantity       S 0       \$ 0         Project Subtotal       \$ 2,400.00       \$ 2,400.00         Contractor - Flaggers       1 LS       \$ 0				onstruction I			
Unit of Property         Description         Quantity         Unit of Measure         Total           County Permits (Encroachment)         1 LS         \$ 414.00         \$ 414.00           DOH Review Fees         1 LS         \$ 414.00         \$ 414.00           Hydrogeologist         1 LS         \$ 414.00         \$ 414.00           Hydrogeologist         1 LS         \$ 1 LS         \$ -           Geotechnical Engineer         1 LS         \$ -         \$ -           Land Surveyor         1 LS         \$ -         \$ -           Land Surveyor         1 LS         \$ -         \$ -           Additional Insurance         1 LS         \$ -         \$ -           Bonding         1 LS         \$ -         \$ -           Bonding         1 LS         \$ -         \$ -           Paving Contractor - Pavement Restoration         1 LS         \$ -         \$ -           Image: Paving Contractor - Flaggers         1 LS         \$ -         \$ -           Descripted Developer (onsite) Costs         \$ SUB TOTAL         \$ 2.814.00         \$ Contractor - Flaggers         \$ -           Sub-Total - Outside Contractor         \$ 3.095.4         \$ Rounded Up Value         \$ 3.095.4           Rounded Up Value         \$ 2.			Rounded Up	Value			\$16,200.0
Drivery         Description         Quantity         Measure         Unit Cost         Total           County Permits (Encroachment)         1         1         LS         \$ 414.00         \$ 414.00           DOH Review Fees         1         LS         \$ 414.00         \$ 414.00         \$ 414.00           Hydrogeologist         1         LS         \$ -         \$ -         \$ -           Geotechnical Engineer         1         LS         \$ -         \$ -           Land Surveyor         1         LS         \$ -         \$ -           Land Cost         1         LS         \$ -         \$ -           Additional Insurance         1         LS         \$ -         \$ -           Bonding         1         LS         \$ -         \$ -           Sanitary Facility Rental (Portable Toilet)         1         LS         \$ -         \$ -           Paving Contractor - Pavement Restoration         1         LS         \$ -         \$ -           Quantity         Yeak         \$ -         \$ -         \$ -         \$ -           Sub-Total         Outractor - Flaggers         1         LS         \$ -         \$ -           Veing Contractor - Flaggers         1		1	*** Outside	Contrac	tor ***		
Property         Description         Quantity         Measure         Unit Cost         Total           County Permits (Encroachment)         1         1         1         1         1         1         1         414.00         \$         \$	Unit of			Unit of			
Oddity Teview Fees       1	Property						
Additional Insurance       1       LS       \$       -         Bonding       1       LS       \$       -         Additional Insurance       1       LS       \$       -         Bonding       1       LS       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -         Paving Contractor - Flaggers       1       LS       \$       -         Image: Contractor - Flaggers       1       LS       \$       -         SUB TOTAL       \$       \$					\$ 414		
Initial Engineer       1       LS       \$       -         Engineering Consultant       1       LS       \$       -         Land Surveyor       1       LS       \$       -         Land Cost       1       LS       \$       -         Additional Insurance       1       LS       \$       -         Bonding       1       LS       \$       -         Sanitary Facility Rental (Portable Toilet)       1       LS       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -         Sub-Total - Outside Contractor							
Engineering Consultant       1 LS       \$       -         Land Surveyor       1 LS       \$       -         Land Cost       1 LS       \$       -         Additional Insurance       1 LS       \$       -         Bonding       1 LS       \$       -         Sanitary Facility Rental (Portable Toilet)       1 LS       \$       -         Paving Contractor - Pavement Restoration       1 LS       \$       -         Paving Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -         Sub= Total - Outside Contractor       \$       3.095.4         Rounded Up Value							-
Land Surveyor       1       LS       \$       -         Land Cost       1       LS       \$       -         Additional Insurance       1       LS       \$       -         Bonding       1       LS       \$       -         Bonding       1       LS       \$       -         Bonding       1       LS       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -         Paving Contractor - Plaggers       1       LS       \$       -         Image: State S							-
Land Cost       1 LS       \$       -         Additional Insurance       1 LS       \$       -         Bonding       1 LS       \$       -         Sanitary Facility Rental (Portable Toilet)       1 LS       \$       -         Paving Contractor - Pavement Restoration       1 LS       \$       -       \$         Paving Contractor - Flaggers       1 LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1 LS       \$       -       \$       -         Image: Contractor - Flaggers       1 LS       \$       -       \$       -         Image: Contractor - Flaggers       1 LS       \$       -       \$       -       -         Image: Contractor - Flaggers       1 LS       \$       -       \$       -       -         Sub: Total - Outside Contractor       \$       3.0954       \$       -       -       -       -					1		
Bonding       1       LS       \$       -         Sanitary Facility Rental (Portable Toilet)       1       LS       \$       -       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -       \$       -         Paving Contractor - Pavement Restoration       1       LS       \$       -       \$       -         Paving Contractor - Flaggers       1       LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -       \$       -         Image: Control Contractor - Flaggers       1       LS       \$       -       \$       -         Image: Control Contractor       \$       SUB TOTAL       \$       \$       2,814.0       Contrigency       10%       \$       2,814.0         Contingency       10%       \$       20.104       \$<		Engineering Consultant	1				
Sanitary Facility Rental (Portable Toilet)       1<		Engineering Consultant Land Surveyor Land Cost	1	LS			-
Anticiapted Developer (onsite) Costs         \$         -		Engineering Consultant Land Surveyor Land Cost Additional Insurance	1 1 1	LS LS			
Traffic Control Contractor - Flaggers       1		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding	1 1 1 1	LS LS LS	\$	\$	-
Inclusion of the point of		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet)	1 1 1 1 1	LS LS LS LS		- \$	
SUB TOTAL       \$       -         SUB TOTAL       \$       \$         Contingency       10%       \$       2814.0         Contingency       10%       \$       2814.0         Sub-Total - Outside Contractor       \$       3,095.4         Rounded Up Value       \$3,100.0         Project Subtotal =       \$       26,400.0         Federal Tax per the TCJA=       \$       7,017.7         State B&O Tax =       \$       508.9         Anticiapted Developer (onsite) Costs       \$       -         \$       -       Anticipated TCJA Tax =       \$         \$       -       Anticipated TCJA Tax =       \$         \$       -       Projected Funds Required =       \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1 1 1 1 1 1	LS LS LS LS LS	\$ 2,40	- \$ 0.00 \$ - \$	- 2,400.0 -
SUB TOTAL       \$       -         SUB TOTAL       \$       2,814.0         Contingency       10% \$       281.4         Sub-Total - Outside Contractor       \$       3,095.4         Rounded Up Value       \$3,100.1         Project Subtotal =       \$       26,400.0         Federal Tax per the TCJA=       \$       7,017.7         State B&O Tax =       \$       508.9         \$       -       Anticipated TCJA Tax =       \$         \$       -       Anticipated TCJA Tax =       \$         \$       -       Anticipated TCJA Tax =       \$         \$       -       Projected Funds Required =       \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1 1 1 1 1 1	LS LS LS LS LS	\$ 2,40	- \$ - \$ 0.00 \$ - \$	- 2,400.0 - -
SUB TOTAL       \$ 2,814.0         Contingency       10% \$ 281.4         Sub-Total - Outside Contractor       \$ 3,095.4         Rounded Up Value       \$ 3,095.4         Project Subtotal =       \$ 26,400.0         Federal Tax per the TCJA=       \$ 7,017.7         State B&O Tax =       \$ 508.9         \$       - Anticipated Developer (onsite) Costs         \$       - Anticipated TCJA Tax =         \$       - Interpreted Funds Required =         \$ 33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1 1 1 1 1 1	LS LS LS LS LS	\$ 2,40	- \$ 0.00 \$ - \$ - \$ \$ \$	- 2,400.0 - - -
Contingency       10%       \$ 281.4         Sub-Total - Outside Contractor       \$ 3,095.4         Rounded Up Value       \$ 3,100.0         Project Subtotal =       \$ 26,400.0         Federal Tax per the TCJA=       \$ 7,017.7         State B&O Tax =       \$ 508.9         \$       -         Anticipated Developer (onsite) Costs       -         \$       -         Anticipated TCJA Tax =       \$ -         Projected Funds Required =       \$ 33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1 1 1 1 1 1	LS LS LS LS LS	\$ 2,40	- \$ - \$ 0.00 \$ - \$ \$ \$ \$ \$ \$	- 2,400.0 - - - -
Sub-Total - Outside Contractor       \$ 3,095.4         Rounded Up Value       \$3,100.1         Project Subtotal =       \$ 26,400.0         Federal Tax per the TCJA=       \$ 7,017.7         State B&O Tax =       \$ 508.9         \$       -         Anticipated Developer (onsite) Costs       -         \$       -         Anticipated TCJA Tax =       \$ -         Projected Funds Required =       \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration		LS LS LS LS LS	\$ 2,40	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- 2,400.0 - - - - -
Rounded Up Value       \$3,100.0         Project Subtotal =       \$26,400.0         Federal Tax per the TCJA=       \$7,017.7         State B&O Tax =       \$508.9         \$       -         Anticipated Developer (onsite) Costs       -         \$       -         Anticipated TCJA Tax =       \$         \$       -         Projected Funds Required =       \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1 1 1 1 1 1 1 1 1 1 1 1 5 5 5 5 5 5 5 5	LS LS LS LS LS	\$ 2,40	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- 2,400.0 - - - - 2,814.0
Anticiapted Developer (onsite) Costs       Federal Tax per the TCJA=       \$ 7,017.7         State B&O Tax =       \$ 508.9         \$       -       Anticipated TCJA Tax =       \$ -         Projected Funds Required =       \$ \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1 1 1 1 1 1 1 1 1 1 1 1 5 5 UB TOTAL Contingency	LS LS LS LS LS LS	\$ 2,40	- \$ 0.00 \$ - \$ 5 5 5 5 5 5 5 5 5 5 5 5 5	2,400.0 - - - - 2,814.0 281.4 3,095.4
Anticiapted Developer (onsite) Costs       Federal Tax per the TCJA=       \$ 7,017.7         State B&O Tax =       \$ 508.9         \$       -       Anticipated TCJA Tax =       \$ -         Projected Funds Required =       \$ \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	SUB TOTAL Contingency Sub-Total - O	LS LS LS LS LS LS LS LS	\$ 2,40	- \$ 0.00 \$ - \$ 5 5 5 5 5 5 5 5 5 5 5 5 5	- 2,400.0 - - - - 2,814.0 281.4
Anticiapted Developer (onsite) Costs       \$       \$       508.5         \$       -       Anticipated TCJA Tax =       \$       -         \$       -       Anticipated TCJA Tax =       \$       -         Projected Funds Required =       \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	1           1	LS LS LS LS LS LS LS US US Utside Cont	\$ 2,40	\$ - \$ 0.00 \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Anticiapted Developer (onsite) Costs         \$       -         Anticipated TCJA Tax =       \$         Projected Funds Required =       \$33,92         Assumptions:       1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	SUB TOTAL Contingency Sub-Total - O Rounded Up Project Subto	LS LS LS LS LS LS LS US Utside Cont Value tal =	\$ 2,400 \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	
Anticipated TCJA Tax =     S     Projected Funds Required =     \$33,92  Assumptions: 1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration	SUB TOTAL Contingency Sub-Total - O Rounded Up Project Subto Federal Tax p	LS LS LS LS LS LS LS US LS LS LS LS LS LS LS LS LS LS LS LS LS	\$ 2,400 \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	
Assumptions: 1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration Traffic Control Contractor - Flaggers	SUB TOTAL Contingency Sub-Total - O Rounded Up Project Subto Federal Tax p	LS LS LS LS LS LS LS US LS LS LS LS LS LS LS LS LS LS LS LS LS	\$ 2,400 \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	2,400.0 - - - - - - - - - - - - - - - - - -
Assumptions: 1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration Traffic Control Contractor - Flaggers	1         1 <td< td=""><td>LS LS LS LS LS LS LS LS LS LS LS LS LS L</td><td>\$ 2,400 \$</td><td>\$         \$           -         \$           0.00         \$           -         \$</td><td></td></td<>	LS LS LS LS LS LS LS LS LS LS LS LS LS L	\$ 2,400 \$	\$         \$           -         \$           0.00         \$           -         \$	
1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration Traffic Control Contractor - Flaggers	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS Utside Cont Value tal = per the TCJ/ ax =	\$ 2,400 \$ ractor A=	\$         \$           -         \$           0.00         \$           -         \$	- 2,400.0 - - - - 2,814.0 281.4 3,095.4 \$3,100.1 26,400.0 7,017.7 508.9
1) This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration Traffic Control Contractor - Flaggers	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS Utside Cont Value tal = per the TCJ/ ax =	\$ 2,400 \$ ractor A=	\$         \$           -         \$           0.00         \$           -         \$	- 2,400.0 - - - - 2,814.0 281.4 3,095.4 \$3,100.1 26,400.0 7,017.7 508.9
		Engineering Consultant Land Surveyor Land Cost Additional Insurance Bonding Sanitary Facility Rental (Portable Toilet) Paving Contractor - Pavement Restoration Traffic Control Contractor - Flaggers	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS LS LS LS LS LS LS LS LS Utside Cont Value tal = per the TCJ/ ax =	\$ 2,400 \$ ractor A=	\$         \$           -         \$           0.00         \$           -         \$	- 2,400.0 - - - - 2,814.0 281.4 3,095.4 \$3,100.1 26,400.0 7,017.7 508.9

S\Engineenng\Project Report 3500/3896 - ART.3716 Moose Trail NW (0121244082) McCann\1 - ENGINEERING REVIEW\100 - Cost Projections\3896 - McCann Dist Extension - Cost Projection2.xlsm

Nicholas F McCann 07-01 Kathleen N McCann 3711 Moose Trail NW	<b>2998</b> 19-2/1250
Gig Harbor, WA 98335	20.21
PAY TO THE Washington Water Service	$\int \frac{1}{16} \frac{963}{16} \frac{6}{16}$
Bank of America Gig Harbor 032300 K	DOLLARS DE Belaker
For Neille 2 h	A CLASSING
	Capacity in
MONARCH	

