Washington Water Service Co.

Engineering Department 6800 Meridian Road SE Olympia, WA 98513

Engineer's Opinion of Probable Project Costs Summary Attachment "A"

Water System Project Discription

May 27, 2022 (Projected Cost Good for 30-Days)

Engineering File # ######

*** Construction Materials ***

Unit of	Description	O matitus	Unit of Measure	Unit Cont	Tatal
Property		Quantity	weasure	Unit Cost	Total
103240	Construction Materials, Pipe, Valves, Fittings, Etc	1	LS	\$ -	\$ -
103450	Construction Materials for Services	1	LS	\$ 675.19	\$ 675.19
103480	Construction Materials for Hydrants	1	LS	\$ -	\$ -
					\$ -
					\$ -
		Sub-Total			\$ 675.19
		Contingency		10%	\$ 67.52
		Sales Tax		9.00%	\$ 66.84
		SUB Total - N	laterials		\$ 809.55
		Rounded Un	Value		900 00

Rounded op value

900.00

*** Construction Labor ***

Unit of			Unit of					
Property	Description	Quantity	Measure		Unit Cost		Total	
103240	Construction Labor - Watermain	1	LS	\$	-	\$	-	
103450	Construction Labor - Services	1	LS	\$	2,277.00	\$	2,277.00	
103480	Construction Labor - Hydrants	1	LS	\$	-	\$	-	
						\$	-	
	WWSC Engineering	1	LS	\$	317.40	\$	317.40	
						\$	-	
						\$	-	
						\$	2,594.40	
		Contingency			10%	\$	259.44	
	Sub-Total - Construction Labor							

Rounded Up Value

\$2,900.00

*** Outside Contractor ***

Unit of Property	Description	Quantity	Unit of Measure	Unit Cost	1	Γotal
	County Permits (Encroachment)	1	LS		\$	-
	DOH Review Fees	1	LS		\$	-
	Hydrogeologist	1	LS		\$	-
	Geotechnical 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		\$	-
	Traffic Control Contractor - Flaggers	1	LS	\$ -	\$	-
	33.			*	\$	-
					\$	-
					\$	-
					\$	-
		SUB TOTAL			\$	-
		Contingency	10%	\$	-	
		Sub-Total - Outside Contractor \$ Rounded Up Value				-
						\$0.00
		Project Subtot	tal =		\$	3,800.00
		East Pierce Fa		rge =		waived
		Federal Tax per the TCJA=			\$	784.76
		State B&O Ta			\$	81.66
	Anticipated Developer (onsite) Cost of Taxable Services					
	\$	Anticipated TO		\$	-	

Projected Funds Required =

\$4,666

Assumptions

This document is intended to forecast approximate construction costs based upon current information and similar projects, and is not intended to accurately represent actual design or construction components or prices.

²⁾ Totals are rounded to nearest \$100

Water System

county County
Project Discription

Engineer's Opinion of Projected Construction Materials Costs 5/27/2022

Eng. File # ######

OFFSITE - PROVIDED BY WWS

Unit of roperty	Inventory Number Task - WATERMAIN	Quantity	Units	Unit Cost	Tota
		Quantity	Omis	Onit Gost	1014
					\$
					\$ \$ \$
					\$
					\$
					\$
					\$ \$
					\$
					\$ \$
					\$
					\$
					\$
					\$ \$
					ֆ \$
					\$
					\$
					\$
					\$
					\$
					\$ \$
					э \$
					\$
					\$
					\$
					\$
					\$ \$
					\$
					\$ \$
					\$ \$

Sub-Total \$

Water System

county County

Project Discription

Engineer's Opinion of Projected Construction Materials Costs
5/27/2022

Eng. File # ######

Water System county County

Project Discription

Eng. File # ######

Engineer's Opinion of Projected Construction Materials Costs 5/27/2022

WWS Constr	uction (rew- IV	<u>ains</u>										WWS Cons
1 Man & Vac 1 Man & Boor 1 Man & Back 1 Man & Back Admin/Prep 1 Man & Truc 2 Men & Truc 1 Electrician & 2 Electricians	m Truck khoe - T khoe - C k k K Truck	rench Comp				HRS HRS HRS HRS HRS HRS HRS		Rate \$ \$ \$ \$ \$ \$ \$	75 75 75 75 75 75 150 80 160	<u>S</u>	-Total - - - - - - - -		1 Man & Va 1 Man & Bo 1 Man & Ba 1 Man & Ba Admin/Prep 1 Man & Tr 2 Men & Tr 1 Electricia 2 Electricia
								Total		\$	-		
Outside Contr	ractor -	No Pilo	t Car										
1-Flagger 2-Flaggers Signs Other		_HRS _HRS _DAYS _LS	6	\$ \$	30 60 \$105	\$ \$ \$	- - -	(RCE	TRA	FFIC	CONTROL CL	<u>JTSHEET)</u>	
		Sub-	total			\$	-						
Sanitary Facil	ity Rent	<u>tal (Port</u> \$	<u>able</u> 75	<u>Γoilet</u>	<u>)</u> -								

Eng. File # ######

Water System county County Project Discription

Engineer's Opinion of Projected Construction Materials Costs 5/27/2022

Task	Hours	Employee Classification	Rate	Total
Facility Design				
Project Setup	1	Engineer	\$ 85.00	\$ 85.00
Route Topo		Engineer	\$ 85.00	\$ -
Develop Base Drawings from Topo Info		Engineer	\$ 85.00	-
DOH Project Report and Approval		Engineer	\$ 85.00	\$ -
Design & Draft Watermain Construction Documents		Engineer	\$ 85.00	\$ -
Sub-Total	1			\$ 85.00
Revisions per Peer Review Comments				
P.E. Peer Review		Principle Eng	\$115.00	\$ -
Revisions to Construction Documents per Peer Review Comments		Engineer	\$ 85.00	\$ -
Coping & Re-Submittal of Project Report & Construction Documents		Clerical	\$ 60.00	\$ -
Sub-Total	0			\$ -
Construction				
Pre-Construction Conference with Engineering & Contractor		Engineer	\$ 85.00	\$ -
Construction Inspection & Pressure Test		Engineer	\$ 85.00	\$ -
Sub-Total	0			\$ -
Record Documents				
As-Built Drawings & Testing Validations along with Project Certification Document Preparation	1	Engineer	\$ 85.00	\$ 85.00
P.E. Project Certification		Principle Eng	\$115.00	\$ -
Updating Base Maps & Site Piping		Engineer	\$ 85.00	\$ -
Project Close-Out	1	Clerical	\$ 60.00	\$ 60.00
Sub Total	2			\$ 145.00
Projected Total Hours	3			\$ 230.00

RECEIVED MAY 25, 2022 WA. UT. & TRANS COMM. ORIGINAL UW-220378

	Last Price
Descr	<mark>Paid</mark>

2" AIR/VAC VALVE, ARI #D-040

288.0000