

Water System

county County

Eng. File # #####

Project Discription

Engineer's Opinion of Projected Construction Materials Costs

5/27/2022

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WWS Construction Crew- Mains

WWS Cons

			<u>Rate</u>	<u>Sub-Total</u>	
1 Man & Vac Truck	_____	HRS	\$ 75	\$ -	1 Man & Ve
1 Man & Boom Truck	_____	HRS	\$ 75	\$ -	1 Man & Bc
1 Man & Backhoe - Trench	_____	HRS	\$ 75	\$ -	1 Man & Ba
1 Man & Backhoe - Comp	_____	HRS	\$ 75	\$ -	1 Man & Ba
Admin/Prep	_____	HRS	\$ 75	\$ -	Admin/Prep
1 Man & Truck	_____	HRS	\$ 75	\$ -	1 Man & Tr
2 Men & Truck	_____	HRS	\$ 150	\$ -	2 Men & Tr
1 Electrician & Truck	_____	HRS	\$ 80	\$ -	1 Electricia
2 Electricians & Truck	_____	HRS	\$ 160	\$ -	2 Electricia
				\$ -	
			Total	\$ -	

Outside Contractor - No Pilot Car

1-Flagger	_____	HRS	\$ 30	\$ -	
2-Flaggers	_____	HRS	\$ 60	\$ -	
Signs	_____	DAYS	\$105	\$ -	
Other	_____	LS		\$ -	(RCE TRAFFIC CONTROL CUTSHEET)
		Sub-total		\$ -	

Sanitary Facility Rental (Portable Toilet)

_____ Days \$ 75 \$ -

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Task	Hours	Employee Classification	Rate	Total
<u>Facility Design</u>				
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
<u>Revisions per Peer Review Comments</u>				
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		\$	-
<u>Construction</u>				
Pre-Construction Conference with Engineering & Contractor		Engineer	\$ 85.00	\$ -
Construction Inspection & Pressure Test		Engineer	\$ 85.00	\$ -
Sub-Total	0		\$	-
<u>Record Documents</u>				
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

Descr	Last Price Paid
2" AIR/VAC VALVE, ARI #D-040	288.0000