

MAYOR
Steven Denton
COUNCIL
Cathy Kirkland
Chad Jones
Bud Pate
Leigh Anna Helms
Rob McMinn



TOWN MANAGER
Heath Jenkins
POLICE CHIEF
Derek Summey
FIRE CHIEF
Eric Withers
TOWN CLERK
Olga Grishin

Town of Stanley

Tap Fee cost recommendations 2022

Summary

The tap fee analysis was completed by receiving the most up to date material, equipment and man hour pricing associated with the type of taps completed by the utilities department.

The first step was to determine the length and type of taps considered for our particular system. Once this was established the next step was to determine the cost of material associated with the task at hand. We then identified the most reasonable cost for equipment used for the task and finally the amount and cost of employees used for this task.

Methodology

Below is an explanation of how we came to the amounts associated with the tap fees.

We determined that we have two types of taps: a long side tap which is a maximum distance of fifty feet and a short side tap which is a maximum of 25 feet. A parts list based on the need of the material for the taps is attached. The only variances in the parts pricing will be the cost associated with the Saddle size, line and tracer size, all other parts listed are used are the same for each tap.

The material was determined by receiving pricing from the town's vendor (see attached).

The employee cost was determined by the typical use of two employees for the taps one inch and below (see attached). Taps above one inch are installed by the contractors and the tap fees are waived due to the Town not having the capability of completing any taps above one inch.

The equipment cost was calculated by determining what the cost for the equipment utilized for the taps (see attached).

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Conclusion

Based on the information accumulated for this analysis the average cost of a tap of one inch or less is \$1,641.99

The recommendation is to leave the existing tap fees as they are currently.

Town of Stanley
Public Works Director

Craig Roseberry

Town of Stanley
Asst. Public Works Director

Daniel Hendrix

QUOTE

FORTILINE
WATERWORKS



a **MORSCO** brand

Due to the continued cost and supply challenges in the DUCTILE IRON PIPE, PVC and HDPE markets, the pricing of these products will be based solely on the availability at the time of shipment. Also, given the volatility in these markets we will not be responsible for product availability and shipment delays, as they are out of our control. Bid prices should be considered an estimate, materials will only be priced at time of shipment until the current supply chain challenges are resolved. These terms are in lieu of our standard terms. We appreciate your partnership.

CUSTOMER NO	QUOTING BRANCH	QUOTE NO	QUOTE DATE	PAGE
208647	FORTILINE ROCK HILL	6247222	9/13/22	1

CUSTOMER
TOWN OF STANLEY - NC P.O. BOX 279 STANLEY, NC 28164

PROJECT INFORMATION
9.13.22

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			***** GIVEN THE CURRENT PRICING AND SUPPLY CHAIN CHALLENGES ALL MATERIAL WILL BE PRICED AT TIME OF SHIPMENT AND THE PRICES BELOW ARE TO BE USED AS AN ESTIMATE FOR BID PURPOSES ONLY *****		
10	1	EA	12X3/4 CC DR2S SDL 12.62-14.38 DR2S1262CC075	134.7500	134.75
20	1	EA	10X3/4 CC 313 SDL 10.75-11.10	64.7500	64.75
30	1	EA	8X3/4 CC DR2S SDL 8.54-9.79 DR2S0854CC075	97.4100	97.41
40	1	EA	6X3/4 CC DR2S SDL 06.59-07.37 DR2S0659CC075	82.4400	82.44
50	1	EA	4X3/4 CC DR2S SDL 04.47-05.32 DR2S0447CC075	71.7700	71.77
60	1	EA	2X3/4 CC S13420 SDL F/IPS PVC	41.4000	41.40
70	1	EA	3/4 CORP STOP CCX110C H-15008N LOW LEAD	61.6100	61.61
80	100	FT	3/4"X100' CTS BLUE PE 250PSI TUBING	.4800	48.00
90	1	EA	5/8"X3/4"X7" METER YOKE LW/DC LOW LEAD 234H1404--2---N	218.3700	218.37
100	1	EA	5/8"X3/4"X3/4" END CONN MPXFIP LOW LEAD 014222 215N	28.9100	28.91
110	1	EA	5/8X3/4X3/4 END CONN MPX110C LOW LEAD 014227 215N	28.2100	28.21
120	1	EA	12X17X12 MB BOX W/PLAS LID CIR	50.5600	50.56
130	1	EA	5/8X3/4 FLOWIQ 2250 METER USG 7-1/2" LL AMI	277.6100	277.61
140	500	FT	12GA SOLID WIRE BLUE 500'	.3300	165.00
			Subtotal:		1,370.79
			Tax:		95.96
			Bid Total:		1,466.75

ALL STOCK DELIVERIES ARE SUBJECT TO SHIPPING CHARGES

All PVC and HDPE material is quoted for shipment within 7 days of quote/bid date. All other material is quoted for shipment within 30 days of quote/bid date. After 7 days for PVC and HDPE or 30 days for all other material, ALL quoted prices are subject to review based on current market conditions.

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Total costs for taps on mains from 12-inch mains to 2-inch mains

12" tap cost for 50" tap (8 hours)		12" tap cost for 50" tap (4 hours)	
811.61	Material	811.61	Material
254.72	8 hours, 2 men	127.36	8 hours, 2 men
920.00	Equipment	460.00	Equipment
1,986.33	Total	1,398.97	Total
10" tap cost for 50" tap (8 hours)		10" tap cost for 50" tap (4 hours)	
741.61	Material	741.61	Material
254.72	8 hours, 2 men	127.36	8 hours, 2 men
920.00	Equipment	460.00	Equipment
1,916.33	Total	1,328.97	Total
8" tap cost for 50" tap (8 hours)		8" tap cost for 50" tap (4 hours)	
774.27	Material	774.27	Material
254.72	8 hours, 2 men	127.36	8 hours, 2 men
920.00	Equipment	460.00	Equipment
1,948.99	Total	1,361.63	Total
6" tap cost for 50" tap (8 hours)		6" tap cost for 50" tap (4 hours)	
759.30	Material	759.30	Material
254.72	8 hours, 2 men	127.36	8 hours, 2 men
920.00	Equipment	460.00	Equipment
1,934.02	Total	1,346.66	Total
4" tap cost for 50" tap (8 hours)		4" tap cost for 50" tap (4 hours)	
748.63	Material	748.63	Material
254.72	8 hours, 2 men	127.36	8 hours, 2 men
920.00	Equipment	460.00	Equipment
1,923.35	Total	1,335.99	Total
2" tap cost for 50" tap (8 hours)		2" tap cost for 50" tap (4 hours)	
718.26	Material	718.26	Material
254.72	8 hours, 2 men	127.36	8 hours, 2 men
920.00	Equipment	460.00	Equipment
1,892.98	Total	1,305.62	Total

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Tap fee employee cost

Lead person current hourly rate as of September 15, 2022	\$18.25 per hour
General Laborer current hourly rate as of September 15, 2022	\$13.59 per hour

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Tap fee equipment cost

Equipment type	Cost per hour
Trac hoe	\$ 50.00
Utility Truck	\$ 25.00
Flat bed	\$ 25.00
Compressor	\$ 15.00