

**AVERAGE METER CONNECTION EXPENSE
COST JUSTIFICATION**

Name of Utility North Shelby Water Company

The following is an itemization of expenses for providing a metered service connection.

A. Meter Size

5/8-Inch 3/4-Inch 1-Inch 1 1/2 -Inch 2-Inch

Other (specify) _____

B. Materials Expense

		<u>Unit Quantity</u>	<u>Cost</u>	<u>Total Cost</u>
1.	Water Meter	<u>1</u>	<u>175.30</u>	<u>175.30</u>
2.	Meter Yoke	<u>1</u>	<u>316.53</u>	<u>316.53</u>
3.	Corporation Stop	<u>1</u>	<u>61.83</u>	<u>61.83</u>
4.	Meter Box and Top	<u>1</u>	<u>120.04</u>	<u>120.04</u>
5.	Miscellaneous Fittings	<u>-</u>	<u>-</u>	<u>-</u>
6.	Other (Itemize)			
	<u>Tapping Saddle</u>	<u>1</u>	<u>41.26</u>	<u>41.26</u>
	<u>P.E. Tubing Inserts</u>	<u>2</u>	<u>1.87</u>	<u>3.74</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTAL MATERIALS EXPENSE				\$ <u>718.70</u>
(add total cost)				

C. Service Pipe Expense

Type of Service Pipe Polyethylene Tubing Size of Service Pipe 1-Inch

	<u>Unit Quantity</u>	<u>Cost</u>	<u>Total Cost</u>
1. Short Side Service	<u>15</u>	<u>0.53</u>	<u>7.95</u>
2. Long Side Service	<u>70</u>	<u>0.53</u>	<u>37.10</u>
2a. Long Side Service (1-1/2" Casing Pipe)	<u>30</u>	<u>0.49</u>	<u>14.70</u>
AVERAGE SERVICE PIPE EXPENSE (add total cost and divide by 2)			<u>\$ 29.88</u>

D. Installation Labor Expense

	<u>Total Hours</u>	<u>Hourly Rate</u>	<u>Total Cost</u>
1. Short Side Service (2 employees @ 3.5 hours)	<u>7</u>	<u>21.19</u>	<u>148.33</u>
2. Long Side Service (2 employees @ 7 hours)	<u>14</u>	<u>21.19</u>	<u>296.66</u>
AVERAGE INSTALLATION LABOR EXPENSE (add total cost and divide by 2)			<u>\$ 222.50</u>

E. Installation Equipment Expense

	<u>Total Hours</u>	<u>Hourly Rate</u>	<u>Total Cost</u>
1. Short Side Service (Backhoe)	<u>2.5</u>	<u>50.00</u>	<u>125.00</u>
2. Long Side Service (Backhoe)	<u>5.5</u>	<u>50.00</u>	<u>275.00</u>
2a. Long Side Service (Push Rod Machine)	<u>2</u>	<u>15.00</u>	<u>30.00</u>
AVERAGE INSTALLATION EQUIPMENT EXPENSE (add total cost and divide by 2)			<u>\$ 215.00</u>

F. Installation Miscellaneous Expense

	<u>Total Hours</u>	<u>Hourly Rate</u>	<u>Total Cost</u>
1. Inspection	<u>-</u>	<u>-</u>	<u>-</u>
2. Site Clean-Up (2 employees @ 1hour)	<u>2</u>	<u>21.19</u>	<u>42.38</u>
3. Other			
<i>Milage: 1-Ton Service Truck</i>	<u>30 mi</u>	<u>0.565/mi</u>	<u>16.95</u>
<i>Milage: Dump Truck & Trailer</i>	<u>30 mi</u>	<u>0.565/mi</u>	<u>16.95</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
AVERAGE INSTALLATION MISCELLANEOUS EXPENSE (add total cost)			\$ <u>76.28</u>

G. Overhead Expense

1. Installation expense (\$ <u>-</u>) times overhead rate (<u>-</u> %)	\$ <u>-</u>
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H. Administrative Expense

1. Office expense for establishing a new account and billing record. (1 hr Office Personnel @ \$19.51/hr)	\$ <u>19.51</u>
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I. Total Expenses

Materials Expense	\$ <u>718.70</u>
Service Pipe Expense	<u>29.88</u>
Installation Labor Expense	<u>222.50</u>
Installation Equipment Expense	<u>215.00</u>
Installation Miscellaneous Expense	<u>76.28</u>
Overhead Expense	<u>-</u>
Administrative Expense	<u>19.51</u>

TOTAL CONNECTION EXPENSE \$ 1,281.87
≈ \$ 1,275.00