



# ESTIMATE OF ENGINEERING COST

TDOT Project Number(s): 18006-3214-04

County(ies): Cumberland

Utility Name & Address:  
 City of Crossville - Sewer  
 392 Main Street  
 Crossville 38555

Consultant Name & Address:  
 J.R. Wauford & Company, Consulting Engineers, Inc.  
 2835 Lebanon Pike  
 Nashville, TN 37214

## CONSULTANT ENGINEERING ESTIMATE

Place an "X" in the appropriate box:  Standard Contract  Continuing Contract (attach copy of Contract for TDOT verification)

I. ENGINEERING SERVICES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Rate/Hr	Hours	Total	Hours	Total	Hours	Total
Principal	\$ 75.00	5	\$ 375.00		-		-
Project Manager			-		-		-
Design Engineer	\$ 60.00	25	\$ 1,500.00	25	\$ 1,500.00		-
Designer / Senior Designer	\$ 45.00	10	\$ 450.00	5	\$ 225.00		-
Techician / Draftsperson	\$ 40.00	5	\$ 200.00		-		-
Administrative	\$ 30.00	5	\$ 150.00	5	\$ 150.00		-
Field Inspector	\$ 30.00		-		-	100	\$ 3,000.00
Licensed Surveyor	\$ 35.00	5	\$ 175.00		-		-
Rod Person	\$ 30.00	5	\$ 150.00		-		-
	\$ -		-		-		-
<b>Total Engineering Services</b>		<b>60</b>	<b>\$ 3,000.00</b>	<b>35</b>	<b>\$ 1,875.00</b>	<b>100</b>	<b>\$ 3,000.00</b>

II. REIMBURSABLE EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total
Transportation / Mile:	\$ 0.47	X 1000	= \$ 470.00	1000	\$ 470.00	4000	= \$ 1,880.00
Meals / Day:		X	= \$ -		-		= \$ -
Lodging / Day:		X	= \$ -		-		= \$ -
Printing / Shipping:			-		-		-
Other (Specify):			-		-		-
Other (Specify):			-		-		-
<b>Total Reimbursable Expenses</b>			<b>\$ 470.00</b>		<b>\$ 470.00</b>		<b>\$ 1,880.00</b>

III. INDIRECT / OVERHEAD EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Indirect/Overhead Rate (not to exceed 145%):	125.00%	\$ 3,750.00		125.00%	\$ 2,343.75	125.00%	\$ 3,750.00
IV. PROFIT: (2.35x(1,2,3)x ALLOWABLE RATE)		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Allowable Rate (Maximum of 13%):	10.00%	\$ 705.00		10.00%	\$ 440.63	10.00%	\$ 705.00

(Expenses for Sections III and IV only apply to Consultant Engineering Services without a Continuing Contract agreement with the Utility)

TOTAL ENGINEERING / SURVEY COST:		INSPECTION (Standard)		INSPECTION (Continuing)	
Standard Consultant: (I+II+III+IV) =	\$ 13,054.38	Private:	\$ -	Private:	\$ -
Continuing Contract: (I+II) =	\$ -	Public:	\$ 9,335.00	Public:	\$ -
TOTAL COST (Engineering and Inspection)					
		Standard Consultant:	\$ 22,389.38		
		Continuing Contract:	\$ -		

## IN-HOUSE ENGINEERING ESTIMATE

I. ENGINEERING SERVICES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Rate/Hr	Hours	Total	Hours	Total	Hours	Total
Project Manager			-		-		-
Engineer			-		-		-
Draftsperson			-		-		-
Administrative			-		-		-
Field Inspector			-		-		-
Licensed Surveyor			-		-		-
Rod Person			-		-		-
	\$ -		-		-		-
<b>Total Engineering Services</b>		<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>	<b>0</b>	<b>\$ -</b>

II. REIMBURSABLE EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total
Transportation / Mile:		X	= \$ -		-	=	\$ -
Meals / Day:		X	= \$ -		-	=	\$ -
Lodging / Day:		X	= \$ -		-	=	\$ -
Printing / Shipping:			-		-		-
Other (Specify):			-		-		-
Other (Specify):			-		-		-
<b>Total Reimbursable Expenses</b>			<b>\$ -</b>		<b>\$ -</b>		<b>\$ -</b>

III. INDIRECT / OVERHEAD EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Indirect/Overhead Rate (not to exceed 145%):	0.00%	\$ -		0.00%	\$ -	0.00%	\$ -

TOTAL ENGINEERING COST:		TOTAL INSPECTION COST:	
	\$ -	Private:	\$ -
		Public:	\$ -