

ESTIMATE OF ENGINEERING COST

TDOT Project Number(s):		18006-3214-04			County(ies):	Cumber	land			
Utility Name & Address:					Consultant Name	e & Addres	ss:			
City of Crossville - Water			_		J.R. Wauford & C		onsulting Engine	ers, Inc.		
392 Main Street Crossville	38555		_		2835 Lebanon Pik Nashville, TN	се	3	7214		
Orocovine			_							
		CON	SULTAN	Γ ENGINE	ERING ESTIMA	ATE				
Place an "X" in the appropriate bo	ж: х	Standard Contra	ct		Continuing Cont	tract (attac	h copy of Contra	ct for TDOT verification	on)	
I. ENGINEERING SERVICES		PRE-CO	NSTRUCTION	ON	CON	STRUCTIO	N	CONSTRUC	TION INS	PECTION
Classification	Rate/Hr	Hours		otal	Hours		Total	Hours		Total
Principal Project Manager	\$ 75.00	15	\$	1,125.00		\$	-		\$	-
Design Engineer	\$ 60.00	100	\$	6,000.00	75	\$	4,500.00		\$	-
Designer / Senior Designer	\$ 45.00	50	\$	2,250.00	25	\$	1,125.00		\$	-
Techician / Draftsperson Administrative	\$ 40.00 \$ 30.00	<u>25</u> 25	\$	1,000.00 750.00	25	\$	750.00		\$	-
Field Inspector	\$ 30.00		\$	-		\$	-	1000	\$	30,000.00
Licensed Surveyor	\$ 35.00	25	\$	875.00		\$	-		\$	-
Rod Person	\$ 30.00 \$ -	25	\$	750.00		\$			\$	-
Total Engineering Services	\$ -	265	\$	12,750.00	125	\$	6,375.00	1000	\$	30,000.00
Total Engineering Services		265	<u> </u>	12,750.00	123	3	0,373.00	1000	à	30,000.00
II. REIMBURSABLE EXPENSES	Cost/Unit	Quantity	т	otal	Quantity		Total	Quantity		Total
Transportation / Mile:	\$ 0.47 X			940.00	2000	\$	940.00	18000 =	\$	8,460.00
Meals / Day:	×	·	= \$			\$	-	=		-
Lodging / Day: Printing / Shipping:	×	· =	= _\$			\$		=	\$	-
Other (Specify):										
Other (Specify):										
Total Reimbursable Expenses			\$	940.00		\$	940.00		\$	8,460.00
III. INDIRECT / OVERHEAD EXPENINGIFECT/Overhead Rate (not to exceed the control of the control o		125.00%	\$	15,937.50	125.00%	\$	7,968.75	125.00%	\$	37,500.00
IV. PROFIT: (2.35x(1,2,3)x ALLOW				77.7			7			,,,,,,,,
Allowable Rate (Maximum of 13%)		10.00%	\$	2,996.25	10.00%	\$	1,498.13	10.00%	\$	7,050.00
(Expenses	for Sections III and	d IV only apply to C	onsultant E	ingineering Se	rvices without a Co	ontinuing (Contract agreen	nent with the Utility)		
TOTAL ENGINEERING / SURVEY	COST:				INSPECT	ΓΙΟΝ (Stan	dard)	INSPECTI	ON (Con	tinuing)
Standard Consultant: (I+II+III+IV) =	=		\$	49,405.63	Private:	\$	-	Private:	\$	-
Continuing Contract: (I+II) =			\$		Public:	\$	83,010.00	Public:	\$	-
							TOTAL COS	ST (Engineering and	Inspecti	on)
								lard Consultant:	\$	132,415.63
							Conti	inuing Contract:		-
							Conti		\$	
							Conti	inuling Contract.	\$	
		IN-	HOUSE E	NGINEER	ING ESTIMAT	E	Conti	munig contract.	\$	
L ENGINEEDING SERVICES										PECTION
I. ENGINEERING SERVICES Classification	Rate/Hr	PRE-CO	ONSTRUCTION	ON	CON	STRUCTIO	PN N	CONSTRUC		
I. ENGINEERING SERVICES Classification Project Manager	Rate/Hr		ONSTRUCTION			STRUCTIO				SPECTION Total
Classification Project Manager Engineer	Rate/Hr	PRE-CO	DNSTRUCTION TO S	ON Total -	CON	STRUCTIO	PN N	CONSTRUC	TION INS	Total -
Classification Project Manager Engineer Draftperson	Rate/Hr	PRE-CO	DNSTRUCTION TO STATE OF THE STA	ON otal	CON	STRUCTIO	DN Total	CONSTRUC	TION INS	Total -
Classification Project Manager Engineer	Rate/Hr	PRE-CO	DNSTRUCTION S S S S S S S S S S S S S S S S S S S	ON Total	CON	\$ \$ \$ \$ \$	Total	CONSTRUC	S S S S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor	Rate/Hr	PRE-CO	T	ON	CON	\$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC	S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector		PRE-CO	T	ON	CON	\$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person		PRE-CO	T	ON	CON	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC	S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services		PRE-CO	T	ON	CON	\$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person	\$ -	PRE-CC Hours	S S S S S S S S S S S S S S S S S S S	ON otal	Hours	STRUCTION S S S S S S S S S S S S S S S S S S S	DN Total	CONSTRUC Hours	S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES		PRE-CC Hours	S S S S S S S S S S S S S S S S S S S	ON otal	Hours	STRUCTION S S S S S S S S S S S S S S S S S S S	Total	CONSTRUC Hours	S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day:	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON Otal	Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day:	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours	STRUCTION S S S S S S S S S S S S S S S S S S	Total Total Total Total Total	CONSTRUC Hours	S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day:	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping:	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify):	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify): Other (Specify):	Cost/Unit	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify): Other (Specify): Total Reimbursable Expenses	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify): Other (Specify): Total Reimbursable Expenses III. INDIRECT / OVERHEAD EXPENSES	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	Hours Hours O Quantity	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours O Quantity = = = = = = = = = = = = = = = = = = =	S	Total
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services II. REIMBURSABLE EXPENSES Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify): Other (Specify): Total Reimbursable Expenses III. INDIRECT / OVERHEAD EXPENSES	\$ -	PRE-CC Hours 0 Quantity	T S S S S S S S S S	ON otal	CONS Hours O Quantity 0.00%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Total	CONSTRUC Hours O Quantity 0 0.00%	S	Total

TDOT Utility Form 2013-16 Sheet 1.1 Revision 07-03-2015