

Project No:	18008-2221-14	
County:	Cumberland	
Date:	April 4, 2019	

	Greg Wood, City Manager	Will.			TDOT USE ONLY			
The state of the s	greg.wood@crossvilletn.gov	_	Phone:	(931) 484-7060				
Secondary Contact:		and a special			RG Approval and Date:			
E-mail:		4	Phone:		Committee Bates 1 1			
	City of Crossville - Sewer				Consult Appr. Date: / / Amount Approved: \$ -			
	392 North Main Street			%in. 20555 4222	HQ Approval and Date:			
City, State:	Crossville, Tennessee			Zip:38555-4232	ng Approval and Date.			
Percent On Private:	42% Private RO)W - #P	oles / Length of faci	lity: 16505	CH86 Y/N PIN#:			
Percent On Public:			oles / Length of faci	7	LET: / / Contract #:			
Total Percentage:			oles / Length of faci		Easement Contract #			
	86 Certified (Obtained from C	ertificat	tion Sheet)?					
(If project does n	ot qualify for Chapter 86 Rei	mburse	ment, then "Percer	nt on Private" will be use	ed to calculate total amount due to Utility)			
2000					ariniment .			
NO COST	/ NO REIMBURSEMENT (STOP	TERE, REMAINU	ER OF FORM IS NOT F	(EQUINED)			
	CHAPTER 86			NON-	CHAPTER 86			
REIMBURSEMENT	MOVE PRIOR	7		% P	Private / Public Relocation			
	MOVE IN State Contract	=		% Private / Public MOVE IN State Contract				
REQUESTED		싁						
(Please check ONE)	Other_	<u> </u>		Utility Replacement E	asement Reimbursement			
	ENGINEERING				UTILITY REIMBURSEMENT			
Description	C. 49/03/2017 Self-statistic self-self-self-self-self-self-self-self-		Amount	And the second s				
Pre-Construction		\$	32,926.68	CHAPTER 86 MOVE	AN CONTRACT: \$ 78,097.5			
Construction		\$	18,432.59					
Construction Inspection	n Private	\$	26,138.32	CHAPTER 86 MOVE	PRIOR: \$ -			
Construction Inspection	n Public	\$	35,668.79	7. W. Tolera and F. Trendeller and G. Garte				
Reimbursable Expense	AND REPORT OF THE PROPERTY OF	\$	600.00	NON-CHAPTER 86	MOVE-IN CONTRACT: \$ -			
ENGINEERING COST		\$	113,766.38	NON CHARTER 96	% PUBLIC/PRIVATE: \$ -			
	OTDUCTION / ADOD 9 MATE	EDIALN		NUN-GHAPTER 00	A POBLIGIPATE.			
De SEL LOGE, MES PROPRINTEN DA DES MONOCOR PLONENCA CONTRA	STRUCTION (LABOR & MATE	ERIAL	Amount	Does Esti	imate Exceed \$1.75M Cap? - N			
Description Installation Labor		\$	870,350.00	II.	Estimate Require 75% Cap? - N			
Installation Materials		\$	-		,			
Removal Labor		\$	=					
Site Costs		\$	-	UTL	ITY DEPOSIT (IF APPLICABLE)			
Material Provided to St	ate	\$	20	LECTION AND ACTOR ACTOR ACTOR	An agent to progress in progress and other control of the control			
Salvage Materials		\$	-	RELOCATION EXC	EEDS \$1.75M CAP: \$0.			
Non-Usable Materials		\$	128					
		***************************************		AMOUNT OVER 75	% REIMBURSEMENT: \$0.			
ESTIMATED CONSTR	UCTION COST:	\$	870,350.00	SUPERIOR STATE OF THE PROPERTY AND THE P	0101100			
			Set Tomares of the Control of the	ESTIMATED UTILIT	Y BETTERMENT COST: \$194,400.			
	BETTERMENT		on the state of the second	NON OURDED OF	MOVE-IN CONS'T COST: \$0.			
Description			Amount	NON-CHAPTER 86	MOVE-IN CONS'T COST: \$0.			
Installation Labor		\$	121,600.00					
Installation Materials		\$	72,800.00	TOTAL UTILITY DE	POSIT: \$194,400.			
ESTIMATED UTILITY	BETTERMENT COST:	\$	194,400.00	TOTAL OTILITY DE	, , , , , , , , , , , , , , , , , , , 			
THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		on/	ONLY OF THE PARTY					
	EMENT EASEMENT COST:	\$	78,520.00					
If cost is listed	above, separate Easement C	ontract	is needed					
			0.0000000000000000000000000000000000000					
THE RESERVE OF THE PERSON AND ADDRESS OF THE PERSON OF THE	CONSTRUCTION COST:	\$	984,116.38	II.				

The Utility will reference the page number where designated on the form when other Detail Cost Estimate sheets are attached.



ESTIMATE OF ENGINEERING COST

TDOT Project Number(s):	STP-28(31)	18008-2221-14			County(ies):	Cumbe	rland			
Utility Name & Address: City of Crossville - Sewer				Consultant Name & Address: Hussey Gay Bell - Nashville, LLC						
										392 North Main Street
Crossville, Tennessee	36555-4232		_		TVASTIVING, TETHICS	3300		210-2720		
		CON	SULTA	NT ENGINE	RING ESTIMA	ATE				
	· · · · · · · · · · · · · · · · · · ·			Г			- L	t for TDOT	\	
Place an "X" in the appropriate b	ox:	x Standard Contra		L				t for TDOT verificati		control paragraph and a fe
I. ENGINEERING SERVICES			ONSTRUC	STATE OF THE PROPERTY OF THE PARTY OF THE PA	CONSTRUCTION Hours Total			CONSTRUCTION INSPECTION Hours Total		
Classification Principal	Rate/Hr \$ 60.09	Hours 100	\$	Total 6,009.00	Hours 60	\$	3,605.40	Hours	\$	- TOTAL
Project Manager	00.00		\$		A	\$	-		\$	
Design Engineer			\$			\$			\$	-
Designer / Senior Designer	\$ 40.80	160	\$	6,528.00	60	\$	2,448.00	19 <u>-11-11-11-11-11-11-11-1</u>	\$	-
Techician / Draftsperson Administrative	\$ 27.40	80	\$	2,192.00	80	\$	2,192.00	***************************************	\$	
Field Inspector	\$ 19.20	water a state of the state of t	\$	-		\$	1-1	1440	\$	27,648.00
Licensed Surveyor	-		\$			\$	-		\$	-
Rod Person	\$ -		\$			\$			\$	-
Total Engineering Services		340	\$	14,729.00	200	\$	8,245.40	1440	\$	27,648.00
		0.10		14,720.00						
II. REIMBURSABLE EXPENSES	Cost/Unit	Quantity		Total	Quantity		Total	Quantity		Total
Transportation / Mile:		x	= \$			\$	-		= \$	-
Meals / Day:		X	= \$	—— <u>—</u>		\$		·	= \$ = \$	-
Lodging / Day: Printing / Shipping:		x :	= \$	600.00		<u> </u>				
Other (Specify):										
Other (Specify):										
Total Reimbursable Expenses			\$	600.00		\$	-		\$	-
III. INDIRECT / OVERHEAD EXPE	INSES									
Indirect/Overhead Rate (not to e	xceed 145%):	93.00%	\$	13,697.97	93.00%	\$	7,668.22	93.00%	\$	25,712.64
IV. PROFIT: (2.35x(1,2,3)x ALLOI	Mark Committee and Committee a	13.00%	\$	4,499.71	13.00%	\$	2,518.97	13.00%	 \$	8,446.46
Allowable Rate (Maximum of 139	es for Sections III ar		Besterrania		-11				-	
AND THE PROPERTY OF THE PROPER	www.www.commonneason.common	id to only apply to		in Engineering Co		TION (Sta			ON (Con	rtinuina)
TOTAL ENGINEERING / SURVEY	503 SEE SEE SEE SEE SEE SEE SEE SEE SEE SE				CASTERNO MICHELANSHING CANDIDON	and the same of the same of	DEPARTMENT DESCRIPTIONS	Children Printers Christian March 1977	AND STATE OF THE S	
Standard Consultant: (I+II+III+IV) =		\$	51,959.27	Private:	\$	26,138.32	Private:	\$	
Continuing Contract: (I+II) =			\$		Public:	\$	35,668.79	Public:	\$	-
							CONTRACTOR OF CO	T (Engineering an		
							Standa	ard Consultant:	\$	113,766.38
							Conti	nuing Contract:	\$	61,807.10
		IN-	HOUS	E ENGINEER	ING ESTIMAT	ΙĒ				
I. ENGINEERING SERVICES		THE PARTY AND PARTY OF THE PART	ONSTRU	CTION Total	CON Hours	ISTRUCT	ION Total	CONSTRU	STION IN	SPECTION Total
Classification Project Manager	Rate/Hr	Hours	\$	Total	nours	\$	- TOTAL	Hours	\$	-
Engineer			\$		<u> </u>	\$			\$	-
Draftperson			\$	-		\$			\$	-
Administrative Field Inspector		1	\$			\$			\$	
Licensed Surveyor	***	-	\$			\$			\$	
Rod Person			\$	-		\$			\$	
	\$ -		\$			\$			\$	-
Total Engineering Services		0	\$	-	0	\$	-	0	\$	-
II. REIMBURSABLE EXPENSES										
	Cost/Unit	Quantity	1940207904000000	Total	Quantity		Total	Quantity		Total
Transportation / Mile:			= \$			\$			= <u>\$</u> = \$	
Meals / Day: Lodging / Day:		x	= \$ = \$			\$	-	-	= \$	
Printing / Shipping:	- 1	.,			(
Other (Specify):										
Other (Specify):										
Total Reimbursable Expenses			\$			\$		1000-002000-0000-0000-000-00-00-00-00-00-	\$	
III. INDIRECT / OVERHEAD EXPE	SUBSTRUCTOR TO STORY CONTRACTOR AND ADDRESS OF		1.			r -		405 000	ı	2012
Indirect/Overhead Rate (not to e	exceed 145%):	125.00%	\$		125.00%	\$		125.00%	\$	
					TOTAL EN	IGINEERI	NG COST:	TOTAL IN	ISPECTIO	ON COST:
						\$	- 1	Private:	\$	
								Public:	S	