



Frankfort Plant Board

Water
Cable
Electric
Security
Local Phone
Digital Cable
Long Distance
Community TV
Ethernet/Internet
Cable Modem/ISP
Cable Advertising

September 23, 2014

RECEIVED

SEP 23 2014

PUBLIC SERVICE
COMMISSION

Mr. Jeff R. Derouen
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40601

RE: Public Service Commission Case No. 2013-00250

Dear Mr. Derouen:

Pursuant to the Commission's September 12, 2014 Interim Order, please find enclosed for filing an original and six (6) copies of the Frankfort Plant Board and South Anderson Water District's Cost Itemization in the above captioned case.

If you have any questions regarding the enclosed filing, please do not hesitate to contact me at (502) 352-4541 or hprice@fewpb.com.

Sincerely,

Hance Price

Hance Price
Staff Attorney

HP/kp
Enclosures

Equal Opportunity/Affirmative Action Employer

317 West Second Street (P.O. Box 308) Frankfort, Kentucky 40602 Phone (502) 352-4372
Fax (502) 223-3887 www.fpb.cc

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

SEP 23 2014

PUBLIC SERVICE
COMMISSION

In the Matter of:

INVESTIGATION INTO THE PROPOSED WATER)
SUPPLY AGREEMENT BETWEEN FRANKFORT) CASE NO. 2013-00250
ELECTRIC AND WATER PLANT BOARD AND)
SOUTH ANDERSON WATER DISTRICT)

FRANKFORT PLANT BOARD AND SOUTH ANDERSON WATER
DISTRICT'S COST ITEMIZATION

Pursuant to the Commission's September 12, 2014 Interim Order, Frankfort Plant Board and South Anderson Water District submit the attached itemization of the proposed use of the \$242,264.00 advanced by South Anderson to Frankfort Plant Board.

Respectfully Submitted,

Raymond Edelman / by Hance Price
Raymond Edelman
148 South Main Street,
Lawrenceburg, KY 40342
Attorney for South Anderson

and

Hance Price
Hance Price
317 W. Second St.
P.O. Box 308
Frankfort, KY 40602
Attorney for Frankfort Plant Board

CERTIFICATE OF SERVICE

I, Hance Price, certify that on the 23rd day of September, 2014 a copy of Frankfort Plant Board and South Anderson Water District's Cost Itemization was served by mail to Honorable Ray Edelman, Attorney at Law, 148 South Main Street, Lawrenceburg, KY 40342 and an original and six copies by hand delivery to Jeff Durouen, Executive Director, Kentucky Public Service Commission, 211 Sower Boulevard, Frankfort, Kentucky, 40601.

Hance Price
Hance Price



Frankfort Plant Board

Work Order #: 20392-A
Project Title: Twilight Tr BPS
Project Code: 02-F

WATER ENGINEERING / WATER DISTRIBUTION
WORK ORDER
ASSIGNMENT AND CANCELLATION SHEET

A. Assignment Section

- 1. Work Order Number: 20392-A
- 2. Date Assigned: 5/18/2011
- 3. Service Order Number(s):
- 4. Location: 1108 Twilight Trail
- 5. Project Title: Twilight Tr BPS
- 6. Reason for Work: New Booster Pump Station
- 7. Customer Info: Name: S. Anderson Water District Attn: Eddie Stevens, Chairman
Street/PO: PO Box 17
City/State/Zip: Lawrenceburg, KY 40342
Phone #: (502) 839-6919
- 8. Description of Work: Construct 500 GPM booster pump station at S. Anderson W.D. request
- 9. Employee / Customer Initiating Work Order:
- 10. David Billings, Chief Water Engineer Water Engineer / Engineering Technician Susan Russell, Eng. Tech

B. Cancellation Section

- 1. Date Work Order Cancelled / Closed Out
- 2. Was work order cancelled before Engineering Work Order Package was finalized? YES NO
- 3. If Work Order was Cancelled after WO Package was predated, Give reason for Cancellation

C. REMARKS:

Building Permit for Franklin Co P & Z ready for review and submittal 9-6-12; **WO #20792-A for Elec Service \$15,730.00 to transfer that SA#'s 01-16-107366, 368,369,& 370; CC: Ken Taylor, P.E./Vice President. Kenvirons, Inc. , 452 Versailles Road, Frankfort, KY 40601**



Frankfort Plant Board

Work Order #: 20392-A
 Project Title: Twilight Tr PS

WORK ORDER
Milestone Dates and Authorizations:
Target -vs- Actual Date

	DEPT / TITLE	Description	TARGET DATE	TARGET DATE ESTIMATED BY (INITIALS)	ACTUAL DATE	INITIALS BY AUTHORIZED PERSONNEL	TRANSACTION ENTERED INTO DATA PROCESSING SYSTEM
1.	ENGINEERING	WO # Requested and Assigned by Accounting	N/A	N/A	5/18/2011	SR	
2.	ENGINEERING	Preliminary Survey, Design and Cost Estimate	N/A	N/A		SR	
3.	ENGINEERING	W.O. Pkg. to Chief Water Engineer for Review	9/6/2012	SR	9/6/12		
4.	CHIEF WATER ENGINEER	W.O. Pkg. Reviewed / Approved / To CONSTRUCTION	9/8/2012		4/6/12	[Signature]	
5.	WATER CONSTRUCTION	W.O. Pkg. Reviewed / Approved / To ASST G.M.	9/15/2012		9/17/12	[Signature]	
6.	ASST. GENERAL MANAGER	W.O. Pkg. Reviewed / Approved / To ENGINEERING	9/18/2012		9/19/12	KWF	
7.	ENGINEERING	W.O. Pkg. w/ Drawings to ACCOUNTING	9/21/2012				
8.	ACCOUNTING	<input type="checkbox"/> WO Package Received from Engineering <input type="checkbox"/> Advanced or Contracts being Arranged <input type="checkbox"/> Advanced or Contracts Completed and Mailed	10/1/2012				
9.	ACCOUNTING	W.O. Pkg. RELEASED To Construction	10/3/2012				
10.	WATER CONSTRUCTION	W.O. Pkg. & RELEASE received from Accounting	10/4/2012				
11.	WATER CONSTRUCTION	Start Date Construction Commenced	10/18/2012				
12.	WATER CONSTRUCTION	Construction and Clean-Up Complete	12/17/2012				
13.	ENGINEERING	<input type="checkbox"/> W.O. Pkg. / Close out received from Construction <input type="checkbox"/> Hold for Review of Act -vs- Est. Received from Acct.	12/24/2012				
14.	WATER CONSTRUCTION	<input type="checkbox"/> CLOSE OUT Sheet Completed <input type="checkbox"/> CLOSE OUT Sheet E-mailed to Accounting	1/23/2013				
15.	ENGINEERING	W.O. Pkg. RECEIVED from Accounting	1/30/2013				
16.	ACCOUNTING	Final Tabulation Generated and E-mailed to Engineering	2/13/2013				
17.	ENGINEERING	Actual -vs- Estimated Reviewed and to Chief Water Engineer	2/20/2013				
18.	CHIEF WATER ENGINEER	Actual -vs- Estimated Reviewed / Approved / To ASST GM	2/25/2013				
19.	ASST. GENERAL MANAGER	Actual -vs- Estimated Reviewed / Approved / To Engineering	2/28/2013				
20.	ENGINEERING	W.O. Pkg. Scanned and to Accounting	3/3/2013				
21.	ACCOUNTING	W.O. Pkg. RECEIVED from Engineering	3/6/2013				
22.	ACCOUNTING	Final Cost (REFUND / INVOICE) Established and Mailed	3/13/2013				
23.	ACCOUNTING	Settlement Received from Customer and WO CLOSED	4/12/2013				



Frankfort Plant Board

Work Order #: 20392-A
Project Title: Twilight Tr BPS

WORK ORDER ENGINEERING INFORMATION SHEET

A. Billing Information

Name: S. Anderson Water District Attn: Eddie Stevens, Chairman
 Street: PO Box 17
 City/State/Zip: Lawrenceburg, KY 40342
 Phone: (502) 839-6919
 E-mail:
 Fax:

B. Cost Estimate

Total Cost Estimate: \$ 242,263.80

SA #'s (Capital)	01-21	<input type="checkbox"/>	107343	<input type="checkbox"/>	107344	<input type="checkbox"/>	107345	<input type="checkbox"/>	107346	<input type="checkbox"/>	107347	01-21-107341
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SA #'s (Maintenance)	20-21	<input type="checkbox"/>	678-000	<input type="checkbox"/>	678-100
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C. Engineering Attachments

<input checked="" type="checkbox"/> Drawing	<input checked="" type="checkbox"/> Cost Estimate	<input checked="" type="checkbox"/> Material List	<input type="checkbox"/> Service Order	<input type="checkbox"/> Property Removed	<input type="checkbox"/> Other
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D. Engineering Determinations

DOW Submittal

<input type="checkbox"/> DOW Review Required	<input type="checkbox"/> Permit Obtained
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City Road Cuts

<input type="checkbox"/> Road Cut Required	<input type="checkbox"/> City Notified
--	--

Encroachment

<input checked="" type="checkbox"/> Encroachment Required	<input checked="" type="checkbox"/> Permit Obtained
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Easements

<input type="checkbox"/> Easement Required	<input type="checkbox"/> Easement Obtained
<input type="checkbox"/> Esmt Recorded on Plat	<input type="checkbox"/> Esmt Recorded on Deed Book

Note: DB /Page or Plat Cabinet/Page: Fill in Here

Misc. Permits (i.e. Railroad)

<input checked="" type="checkbox"/> Permit Required	<input type="checkbox"/> Permit Obtained
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E. Water Contract Information

(1) Total L.F. of Extension	Fill In here	L.F.	Fill In here	L.F.	<input type="checkbox"/> DIP	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE	
(2) Diameter of Extension	Fill In here	Inches	Fill In here	Inches				
(3) Diameter of Main Tapped	Fill In here	Inches	<input type="checkbox"/> DIP	<input type="checkbox"/> Cast Iron	<input type="checkbox"/> AC	<input type="checkbox"/> Steel	<input type="checkbox"/> PVC	<input type="checkbox"/> HDPE

F. Hydrant Designation

<input type="checkbox"/> City	<input type="checkbox"/> County	<input type="checkbox"/> State	<input type="checkbox"/> Private	<input type="checkbox"/> Customer Service Notified
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H. Other

Fill In Here



WORK ORDER COST AND BILLING SHEET

<u>Cost Element</u>	<u>Description</u>	<u>Sub-Total</u>	<u>TOTAL</u>
<u>LABOR COST</u>			
	# of Hours		
A. Construction	800.1 \$ 19.38 Per Hour	\$ 15,505.94	
B. Engineering	Lump Sum	\$ 2,500.00	
C. TOTAL LABOR COST			<u>\$ 18,005.94</u>
<u>FRINGE BENEFIT</u>			
30% of Labor Cost.....			<u>\$ 5,401.78</u>
<u>EQUIPMENT COST</u>			
40% Of Construction Labor Cost.....			<u>\$ 6,202.38</u>
<u>MATERIAL COST</u>			
A. Inventory Material	Per Material Sheet	\$9,584.31	
B. Mat'l Direct Purchased	Per Purchase Orders	\$79,583.10*	
C. SUB-TOTAL Material Cost	4A + 4B	\$89,167.41	
D. Material Handling Cost	20% of Inventory Mat'l Cost (A)	\$ 1,916.86	
E. TOTAL MATERIAL COST	4C + 4D		<u>\$91,084.27</u>
<u>CONTINGENCY</u>			
10% Of Totals.....			<u>\$ 12,069.44</u>
<u>MISCELLANEOUS</u>			
Meter and Tap Fee.....		\$ -	
Hoe Ram By Others.....		\$ -	
DOW Plan Review Fee (If Applicable).....		\$ -	
Other Miscellaneous -1..PUMP STATION BY STRAFFER.....		\$109,500.00	
Other Miscellaneous -2.....		\$ -	
		TOTAL-MISC	<u>\$ 109,500.00</u>
<u>PROJECT TOTAL Before Non-Billable Cost</u>			
			<u>\$ 242,263.80</u>
<u>NON-BILLABLE COST</u>			
50 LF Credit - Total Cost / Total LF = Average Cost		\$ -	
<u>TOTAL PROJECT COST</u>			
			<u>\$ 242,263.80</u>



Frankfort Plant Board

Work Order #: 20392-A
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INVENTORY MATERIAL WITHDRAWAL

ADAPTER	12_Inch_Bolt_Thru_Adapter	50380	\$227.18				
ADAPTER	12_Inch_Bolt_Thru_Adapter	50380	\$227.18				
ADAPTER	12_Inch_Bolt_Thru_Adapter	50380	\$227.18				
ADAPTER	12_Inch_Bolt_Thru_Adapter	50380	\$227.18				
VALVEBOX	VALVE_BOX	50750	\$31.22				
VALVEBOX	VALVE_BOX	50750	\$31.22				
VALVEBOX	VALVE_BOX	50750	\$31.22				
VALVEBOX	VALVE_BOX	50750	\$31.22				
NEENEH HATC	NEENEH HATCH TRFC BND	53920	\$614.27				
90-12ELL	12in._90%_ell_	54870	\$433.11				
90-12ELL	12in._90%_ell_	54870	\$433.11				
GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
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GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
GLAND, 12" RETAINER	GLAND, 12" RETAINER	55060	\$85.83				
PIPE12IN	PIPE-12in._DIP	56500	\$1,300.50	\$14.45	90	Feet	
sleeve-12	12" D.I. Sleeve	59050	\$118.85				
sleeve-12	12" D.I. Sleeve	59050	\$118.85				
TEE12_IN	tee-12x12x12in	60750	\$288.19				
TEE12_IN	tee-12x12x12in	60750	\$288.19				
VALV12WB	valve12_inch_	61650	\$1,067.25				
VALV12WB	valve12_inch_	61650	\$1,067.25				
VALV12WB	valve12_inch_	61650	\$1,067.25				
VALV12WB	valve12_inch_	61650	\$1,067.25				

TOTAL INVENTORY MATERIAL WITHDRAWAL

\$9,584.31



Frankfort Plant Board

Work Order #: 20392-A

20392-A

Project Title:

Twilight Tr BPS

NON-INVENTORY MATERIAL LIST

Material	Quantity	Price	Total
Split Face Block	927	\$2.30	\$2,132.10
Trusses / Sheeting / Roof			\$3,000.00
Door / Locks			\$2,400.00
Heat / Venting / De-humidifier		\$	2,500.00
Insulation / Drywall		\$	2,500.00
Electric / Lighting			\$21,000.00
Gravel	100 Ton	\$14.00	\$1,400.00
Concrete	14 Yds	\$69.00	\$966.00
Telemetry			\$30,000.00
Meter 8" Mag (NO Strainer)			\$4,100.00
12" AFC 2100 Series Check Valve			\$4,010.00
Meter 4" Mag (Replacement at S Anderson Pit)			\$2,575.00

(100 Block for Check Valve Pit included)

Labor	Rate	Total
Block Layer (Contractor)	\$3,000.00	\$3,000.00

DIRECT PURCHASE MATERIAL

\$79,583.10

\$15,947.45 Per R Hopkins - Vent Approved 9-11-12

\$5,000.00 Interior Lighting

\$20,947.45