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January 31, 2014

Mrs. Phyllis Stratton
 Rural Development
 65 Brighton Blvd, Ste 3
 Shelbyville, KY 40065

RECEIVED

FEB 19 2014

PUBLIC SERVICE
 COMMISSION

2014-00050

RE: Final Engineering Report
 Parksville Water District
 Water System Improvements
 HMB Project No. 4151.00

Dear Mrs. Stratton:

As you are aware, construction bids for the above referenced project were received and opened on December 20, 2013. A copy of the Bid Tabulation is attached for your reference.

The lowest responsive, responsible Base Bids are:

Contract I Alum Springs Transmission Main – Hubert Excavating & Contracting - \$488,080

Contract II SCADA System – The CI Thornburg Co., Inc. - \$136,861

Total As-Bid Development Cost = \$624,941.00

In review of the Bids, Parksville Water District (PWD) determined at their January 16, 2014 regular Board meeting to also include Alternate No. 2 in Contract I to install Class 250 SDR 17 PVC pipe, thereby increasing development costs by \$23,200, to a revised total of \$648,141.00.

Since the total as-bid development cost exceeded the available financing, PWD requested input from the low bidders on project changes to reduce costs. Hubert Excavating & Contracting offered a \$45,000 deduct to alter five (5) creek crossings to open cut construction methods (copy attached) and PWD has accepted this deduct and will execute Change Order No. 1 (CI-CO1) to Contract I upon Award.

The following are revised Development costs, after Change Order No. 1 to Contract I:

<u>Contract:</u>	<u>Contractor:</u>	<u>Revised Amount:</u>
I – Alum Springs Transmission Main	Hubert Excavating	\$466,280.00
II – SCADA System	CI Thornburg	\$136,861.00
Revised Total As-Bid Development Cost		\$603,141.00

- Highway Engineering
- Structural Engineering
- Water & Wastewater
- Site Development
- Right-of-Way
- Master Planning
- Environmental Planning
- Surveying
- Project Management
- Cost Estimation
- Construction Inspection
- Aviation Services
- Environmental Remediation
- Landscape Architecture



In order to further reduce project costs, PWD and HMB have agreed to execute Amendment No. 2 to the Engineering Agreement to remove Resident Project Observation services from the Agreement and add a \$25,000 set aside for additional engineering services to assist PWD in securing additional project financing and tasks related to the required and/or requested changes to the Project, as well as provide on-call assistance to PWD and their observer during construction.

Based upon the above, following is a summary of the project budget:

<u>Item:</u>	<u>12/20/11 LOC Amount:</u>	<u>Revised Amount:</u>
Development	\$490,000	\$603,141
Land & Rights	\$ 5,000	\$ 1,000
Legal & Administrative	\$ 25,000	\$ 16,500
Engineering	\$100,500	\$ 74,125
Interest	\$ 20,000	\$ 18,000
Other (Engineering, Original Agr)	\$ 35,500	\$ 35,500
Other (Engineering, Am 1 & 2)	\$ 0	\$ 43,000
Contingencies	<u>\$ 49,000</u>	<u>\$ 58,461</u>
TOTAL	\$725,000	\$850,000

Unfortunately, the revised project costs exceed the available funding outlined in the December 20, 2011 Letter of Conditions. Therefore, PWD hereby requests additional project funding totaling \$125,000 in the form of grant/loan from Rural Development.

Revised Project funding would be as shown below:

<u>Funding Source:</u>	<u>Amount:</u>
RUS Loan (12/20/11 LOC, 3.00%)	\$508,000
RUS Grant (12/20/11 LOC)	\$217,000
Additional RUS Loan (3.50%)	\$ 83,000
Additional RUS Grant	<u>\$ 42,000</u>
TOTAL	\$850,000

Due to the additional RUS Loan of \$83,000 at 3.50% interest and larger than expected current operating expenses, PWD has requested that the Summary Addendum be revised based upon the 2012 Audit. A copy of the revised rate analysis and proposed first year of operation budget is attached for review.

The following is a summary of the revised proposed PWD customer rates:



Residential and Commercial Customers, all Meter Sizes:

	<u>Letter of Conditions</u>	<u>Revised Rates</u>
First 1,000 Gallons	\$23.50 Min. Bill	\$27.91 Min. Bill
Next 4,000 Gallons	\$4.75 per 1,000	\$4.46 per 1,000
Next 5,000 Gallons	\$4.80 per 1,000	\$4.74 per 1,000
All Over 10,000 Gallons	\$6.00 per 1,000	\$5.25 per 1,000

Based upon the above, we request that a revised Letter of Conditions be issued in accordance with the recommended financing and rates above.

Should you have any questions regarding this, or if additional information is required, please do not hesitate to contact me at 502-695-9800 or castewart@hmbpe.com. Thank you.

Sincerely,
HMB Professional Engineers, Inc.

Chris A Stewart, PE
Project Manager



- cc: Mr. Jerry Feather, Co-Manager – PWD
- Mr. Vernon Brown – RD, Lexington
- Ms. Julie Anderson – RD, Lexington
- Mr. Jeff Jones, Local Counsel
- Mr. Randy Jones, Bond Counsel – Rubin & Hays
- File



Parkville Water District
 Water System Improvements
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Project: 4151.00
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 Engineer: CAS
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BASE BID - ALUM SPRINGS TRANSMISSION MAIN				Hubert Excavating & Contracting, LLC		Bailey Excavating, LLC		D & H Contracting Co., Inc.		Grimes Construction Co., Inc.		Gary W Clifford, Inc.		Dakota Meyer Enterprises, Inc.	
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	10" PVC Class 200 Pipe, SDR-21, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	11,600	LF	\$17.00	\$197,200.00	\$14.85	\$172,260.00	\$16.50	\$191,400.00	\$16.50	\$191,400.00	\$26.00	\$301,600.00	\$24.50	\$284,200.00
2	20" Steel Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Water Pipe Not Included)	150	LF	\$200.00	\$30,000.00	\$185.00	\$27,750.00	\$195.00	\$29,250.00	\$160.00	\$24,000.00	\$160.00	\$24,000.00	\$205.00	\$30,750.00
3	10" Free Bore Installed under non-gravel driveways (No Casing Pipe, Water Line Not Included)	100	LF	\$45.00	\$4,500.00	\$60.00	\$6,000.00	\$50.00	\$5,000.00	\$65.00	\$6,500.00	\$60.00	\$6,000.00	\$80.00	\$8,000.00
4	12" HDPE Creek Crossing No.1, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$19,500.00	\$19,500.00	\$11,085.00	\$11,085.00	\$18,000.00	\$18,000.00	\$19,700.00	\$19,700.00	\$18,000.00	\$18,000.00	\$17,500.00	\$17,500.00
5	12" HDPE Creek Crossing No.2, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$19,500.00	\$19,500.00	\$14,075.00	\$14,075.00	\$18,000.00	\$18,000.00	\$19,700.00	\$19,700.00	\$25,200.00	\$25,200.00	\$25,500.00	\$25,500.00
6	12" HDPE Creek Crossing No.3, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$19,500.00	\$19,500.00	\$16,715.00	\$16,715.00	\$18,000.00	\$18,000.00	\$19,700.00	\$19,700.00	\$18,000.00	\$18,000.00	\$18,750.00	\$18,750.00
7	12" HDPE Creek Crossing No.4, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$19,500.00	\$19,500.00	\$20,650.00	\$20,650.00	\$18,000.00	\$18,000.00	\$19,700.00	\$19,700.00	\$25,200.00	\$25,200.00	\$25,000.00	\$25,000.00
8	12" HDPE Creek Crossing No.5, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$19,500.00	\$19,500.00	\$33,900.00	\$33,900.00	\$18,000.00	\$18,000.00	\$24,500.00	\$24,500.00	\$43,200.00	\$43,200.00	\$43,500.00	\$43,500.00
9	12" HDPE Creek Crossing No.6, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$19,500.00	\$19,500.00	\$11,085.00	\$11,085.00	\$18,000.00	\$18,000.00	\$19,700.00	\$19,700.00	\$14,400.00	\$14,400.00	\$15,600.00	\$15,600.00
10	10" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	10	EA	\$1,500.00	\$15,000.00	\$1,995.00	\$19,950.00	\$2,000.00	\$20,000.00	\$1,850.00	\$18,500.00	\$1,500.00	\$15,000.00	\$1,850.00	\$18,500.00
11	6" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	2	EA	\$800.00	\$1,600.00	\$865.00	\$1,730.00	\$1,100.00	\$2,200.00	\$925.00	\$1,850.00	\$850.00	\$1,700.00	\$850.00	\$1,700.00
12	4" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	3	EA	\$700.00	\$2,100.00	\$695.00	\$2,085.00	\$900.00	\$2,700.00	\$850.00	\$2,550.00	\$750.00	\$2,250.00	\$645.00	\$1,935.00
13	10" CI AWWA NRS Gate Valve and Box with Taps, Conc. Pad, Complete in Place	5	EA	\$2,200.00	\$11,000.00	\$2,650.00	\$13,250.00	\$2,800.00	\$14,000.00	\$3,000.00	\$15,000.00	\$2,850.00	\$14,250.00	\$2,620.00	\$13,100.00
14	Automatic Air Release Valve Assembly and Box, Complete in Place	2	EA	\$600.00	\$1,200.00	\$1,375.00	\$2,750.00	\$750.00	\$1,500.00	\$975.00	\$1,950.00	\$700.00	\$1,400.00	\$650.00	\$1,300.00
15	8" Water Main Reconnect Complete in Place, including Required Fittings and Appurtenances (Valves Not Included)	1	EA	\$2,200.00	\$2,200.00	\$2,750.00	\$2,750.00	\$3,800.00	\$3,800.00	\$1,500.00	\$1,500.00	\$1,100.00	\$1,100.00	\$2,600.00	\$2,600.00
16	6" Water Main Reconnect Complete in Place, including Required Fittings and Appurtenances (Valves not Included)	2	EA	\$2,300.00	\$4,600.00	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00	\$1,250.00	\$2,500.00	\$1,000.00	\$2,000.00	\$775.00	\$1,550.00
17	4" Water Main Reconnect Complete in Place, including Required Fittings and Appurtenances (Valves not Included)	4	EA	\$2,100.00	\$8,400.00	\$2,095.00	\$8,380.00	\$3,000.00	\$12,000.00	\$1,250.00	\$5,000.00	\$900.00	\$3,600.00	\$850.00	\$2,200.00
18	Customer Service Reconnection Complete in Place. All Diameters and Materials, Including 25' Max. PE Service Tubing and Required Fittings and Appurtenances.	28	EA	\$450.00	\$12,600.00	\$1,050.00	\$29,400.00	\$350.00	\$9,800.00	\$420.00	\$11,760.00	\$400.00	\$11,200.00	\$640.00	\$17,920.00
19	10" Check Valve Including but not limited to Valves, Piping, Fittings, Conc. Vault as Shown on Plans and Specifications, Complete in Place	1	LS	\$17,000.00	\$17,000.00	\$24,500.00	\$24,500.00	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$19,000.00	\$19,000.00	\$21,500.00	\$21,500.00
20	Fire Hydrant, Installation Only	1	LS	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$650.00	\$650.00	\$600.00	\$600.00	\$565.00	\$565.00
21	KY 34 Pump Station Impellers	1	LS	\$4,000.00	\$4,000.00	\$4,025.00	\$4,025.00	\$4,000.00	\$4,000.00	\$4,100.00	\$4,100.00	\$6,000.00	\$6,000.00	\$2,250.00	\$2,250.00
BASE BID - ALUM SPRINGS TRANSMISSION MAIN SUBDTAL:					\$429,000.00		\$428,340.00		\$433,650.00		\$432,260.00		\$553,700.00		\$553,920.00



Parkville Water District
 Contract I - Alum Springs Transmission Main
 Bid Date: December 20, 2013 at 11 AM Local Time

Water/Wastewater
 Transportation
 Engineers
 Environmental Planners

Project: 4151.00
 Date: 12/20/2013
 Engineer: CAS
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BASE BID - WORLDSTOWN SPUR ROAD				Hubert Excavating & Contracting, LLC		Bailey Excavating, LLC		D & H Contracting Co., Inc.		Grimes Construction Co., Inc.		Gary W Clifford, Inc.		Oakota Meyer Enterprises, Inc.	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
22	2" PVC Class 250 Pipe, SDR-17, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	400	LF	\$8.00	\$3,200.00	\$6.75	\$2,700.00	\$10.00	\$4,000.00	\$5.00	\$2,000.00	\$12.00	\$4,800.00	\$12.00	\$4,800.00
23	4" Steel Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Open Cut (Water Pipe Not Included)	20	LF	\$75.00	\$1,500.00	\$52.00	\$1,040.00	\$40.00	\$800.00	\$100.00	\$2,000.00	\$85.00	\$1,700.00	\$45.00	\$900.00
24	2" Water Main Wet Tap Complete in Place, Including Required Fittings and Appurtenances	1	EA	\$350.00	\$350.00	\$1,050.00	\$1,050.00	\$2,000.00	\$2,000.00	\$1,950.00	\$1,950.00	\$600.00	\$600.00	\$450.00	\$450.00
25	Customer Service Including Copper Setter, Meter Box, Lid per Standard Details Sheet, Same Side of Road, 10 feet 3/4" PE Service Tubing (Max.), Furnishing and Installing, Complete in Place. 5/8" Meter Provided and Installed by Owner	3	EA	\$650.00	\$1,950.00	\$750.00	\$2,250.00	\$700.00	\$2,100.00	\$800.00	\$2,400.00	\$850.00	\$2,550.00	\$650.00	\$1,950.00
26	Customer Service Including Copper Setter, Meter Box, Lid per Standard Details Sheet, Opposite Side of Road, 50 feet 3/4" PE Service Tubing (Max.), Furnishing and Installing, Complete in Place. 5/8" Meter Provided and Installed by Owner	4	EA	\$800.00	\$3,200.00	\$875.00	\$3,500.00	\$850.00	\$3,400.00	\$1,400.00	\$5,600.00	\$1,250.00	\$5,000.00	\$820.00	\$3,280.00
27	2" Blowoff Assembly Including Gate Valve, Pipe Fittings and Appurtenances, Complete in Place as Shown on the Detail Sheets	1	EA	\$800.00	\$800.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$775.00	\$775.00
BASE BID - WORLDSTOWN SPUR SUBTOTAL:					\$11,000.00		\$11,640.00		\$13,100.00		\$14,850.00		\$15,650.00		\$12,155.00
BASE BID - KY 37 WASHDUT															
28	4" PVC Class 200 Pipe, SDR-21, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	400	LF	\$10.00	\$4,000.00	\$18.00	\$7,200.00	\$23.60	\$9,440.00	\$18.00	\$7,200.00	\$12.00	\$4,800.00	\$27.00	\$10,800.00
29	8" Steel Casing Pipe, Furnishing and Installing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Water Pipe Not Included)	40	LF	\$100.00	\$4,000.00	\$120.00	\$4,800.00	\$110.00	\$4,400.00	\$175.00	\$7,000.00	\$98.00	\$3,920.00	\$117.00	\$4,680.00
30	4" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	2	EA	\$700.00	\$1,400.00	\$645.00	\$1,290.00	\$900.00	\$1,800.00	\$850.00	\$1,700.00	\$700.00	\$1,400.00	\$605.00	\$1,210.00
31	4" Water Main Reconnect Complete in Place, Including Required Fittings and Appurtenances (Valves not Included)	2	EA	\$2,100.00	\$4,200.00	\$2,195.00	\$4,390.00	\$2,200.00	\$4,400.00	\$1,250.00	\$2,500.00	\$1,000.00	\$2,000.00	\$525.00	\$1,050.00
32	4" Blowoff Assembly Including Gate Valve, Pipe Fittings and Appurtenances (Valves not Included)	1	EA	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$1,350.00	\$1,350.00	\$1,200.00	\$1,200.00	\$1,040.00	\$1,040.00
BASE BID - KY 37 WASHDUT SUBTOTAL:					\$14,600.00		\$18,880.00		\$21,540.00		\$19,750.00		\$13,320.00		\$18,780.00
BASE BID - GENERAL															
33	Additional 3/4" PE Service Tubing Complete in Place, Including Required Fittings and Appurtenances	100	LF	\$10.00	\$1,000.00	\$4.75	\$475.00	\$6.00	\$600.00	\$7.00	\$700.00	\$8.00	\$800.00	\$6.25	\$625.00
34	Additional 1" PE Service Tubing Complete in Place, Including Required Fittings and Appurtenances	10	LF	\$10.00	\$100.00	\$5.00	\$50.00	\$6.00	\$60.00	\$8.00	\$80.00	\$10.00	\$100.00	\$6.40	\$64.00
35	No. 10 Solid Copper Wire with Plastic Insulation and Sealed Splices to be Taped to the Top of all Water Mains, Marking Tape also Included	12,400	LF	\$0.20	\$2,480.00	\$0.50	\$6,200.00	\$0.40	\$4,960.00	\$0.40	\$4,960.00	\$0.20	\$2,480.00	\$0.55	\$6,820.00
36	#57 Crushed Stone on Trench Surface, Full Depth on Driveways, Roadway Crossings	500	TDN	\$18.00	\$9,000.00	\$11.25	\$5,625.00	\$8.00	\$4,000.00	\$10.00	\$5,000.00	\$8.00	\$4,000.00	\$7.50	\$3,750.00
37	#9-M Crushed Stone for Trench Bedding and Backfill in Rock Excavation	100	TDN	\$20.00	\$2,000.00	\$21.50	\$2,150.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00	\$18.00	\$1,800.00	\$18.50	\$1,850.00
38	Bituminous Paving Replacement on State and County Maintenance Roads and Driveways, Including Gravel Backfill	60	LF	\$50.00	\$3,000.00	\$28.00	\$1,680.00	\$25.00	\$1,500.00	\$45.00	\$2,700.00	\$20.00	\$1,200.00	\$25.00	\$1,500.00
39	Concrete Paving Replacement, Including Gravel Backfill	10	LF	\$100.00	\$1,000.00	\$47.00	\$470.00	\$100.00	\$1,000.00	\$110.00	\$1,100.00	\$32.00	\$320.00	\$65.00	\$650.00
40	Video Tape Project Area	1	LS	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$875.00	\$875.00
41	Cleanup and Restoration	12,400	LF	\$1.00	\$12,400.00	\$1.00	\$12,400.00	\$1.00	\$12,400.00	\$1.00	\$12,400.00	\$1.00	\$12,400.00	\$1.00	\$12,400.00
BASE BID - GENERAL SUBTOTAL:					\$33,480.00		\$32,550.00		\$27,720.00		\$30,940.00		\$23,900.00		\$28,534.00
BASE BID GRAND TOTAL (BASIS FOR AWARD):					\$488,080.00		\$491,410.00		\$496,010.00		\$497,800.00		\$606,570.00		\$613,389.00



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ALTERNATE No. 1 - Reduce Alum Springs Transmission Main to 8"															
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	Hubert Excavating & Contracting,		Bailey Excavating, LLC		D & H Contracting Co., Inc.		Grimes Construction Co., Inc.		Gary W Clifford, Inc.		Dakota Meyer Enterprises, Inc.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
A1.1	8" PVC Class 200 Pipe, SDR-21, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	11,600	LF	\$14.00	\$162,400.00	\$13.15	\$152,540.00	\$14.00	\$162,400.00	\$15.00	\$174,000.00	\$24.00	\$278,400.00	\$22.00	\$255,200.00
A1.2	16" Steel Casing Pipe, Furnishing Under State and County Maintenance Roads, Including Unclassified Boring and/or Jacking (Water Pipe Not Included)	150	LF	\$165.00	\$24,750.00	\$150.00	\$22,500.00	\$175.00	\$26,250.00	\$140.00	\$21,000.00	\$155.00	\$23,250.00	\$192.00	\$28,800.00
A1.3	8" Free Bore Installed under non-gravel Driveways (No Casing Pipe, Water Line Not Included)	100	LF	\$50.00	\$5,000.00	\$40.00	\$4,000.00	\$50.00	\$5,000.00	\$65.00	\$6,500.00	\$60.00	\$6,000.00	\$75.00	\$7,500.00
A1.4	10" HDPE Creek Crossing No. 1, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$18,000.00	\$18,000.00	\$10,185.00	\$10,185.00	\$15,000.00	\$15,000.00	\$15,200.00	\$15,200.00	\$17,000.00	\$17,000.00	\$17,000.00	\$17,000.00
A1.5	10" HDPE Creek Crossing No. 2, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$18,000.00	\$18,000.00	\$13,350.00	\$13,350.00	\$15,000.00	\$15,000.00	\$15,200.00	\$15,200.00	\$24,200.00	\$24,200.00	\$24,900.00	\$24,900.00
A1.6	10" HDPE Creek Crossing No. 3, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$18,000.00	\$18,000.00	\$13,350.00	\$13,350.00	\$15,000.00	\$15,000.00	\$15,200.00	\$15,200.00	\$17,000.00	\$17,000.00	\$17,750.00	\$17,750.00
A1.7	10" HDPE Creek Crossing No. 4, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$18,000.00	\$18,000.00	\$19,685.00	\$19,685.00	\$15,000.00	\$15,000.00	\$15,200.00	\$15,200.00	\$24,200.00	\$24,200.00	\$24,000.00	\$24,000.00
A1.8	10" HDPE Creek Crossing No. 5, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$18,000.00	\$18,000.00	\$32,348.00	\$32,348.00	\$15,000.00	\$15,000.00	\$18,500.00	\$18,500.00	\$42,200.00	\$42,200.00	\$41,500.00	\$41,500.00
A1.9	10" HDPE Creek Crossing No. 6, Furnishing and Installing Including Unclassified Directional Boring	1	LS	\$18,000.00	\$18,000.00	\$10,185.00	\$10,185.00	\$15,000.00	\$15,000.00	\$15,200.00	\$15,200.00	\$13,400.00	\$13,400.00	\$15,000.00	\$15,000.00
A1.10	8" CI AWWA NRS Gate Valve and Box, Conc. Pad, Complete in Place	10	EA	\$1,100.00	\$11,000.00	\$1,296.00	\$12,960.00	\$1,600.00	\$16,000.00	\$1,350.00	\$13,500.00	\$1,400.00	\$14,000.00	\$1,450.00	\$14,500.00
A1.13	8" CI AWWA NRS Gate Valve and Box with Taps, Conc. Pad, Complete in Place	5	EA	\$1,300.00	\$6,500.00	\$2,150.00	\$10,750.00	\$2,500.00	\$12,500.00	\$2,350.00	\$11,750.00	\$2,700.00	\$13,500.00	\$1,820.00	\$9,100.00
A1.19	8" Check Valve Including but not Limited to Valves, Piping, Fittings, Conc. Vault as Shown on the Plans and Specifications, Complete in Place	1	LS	\$12,350.00	\$12,350.00	\$20,710.00	\$20,710.00	\$18,500.00	\$18,500.00	\$16,500.00	\$16,500.00	\$18,000.00	\$18,000.00	\$18,000.00	\$18,000.00
ALTERNATE No. 1 BID TOTAL:					\$330,000.00		\$322,563.00		\$330,650.00		\$337,750.00		\$491,150.00		\$473,250.00

ALTERNATE No. 2 - Alum Springs Transmission Main Upgrade to SDR 17, CL 250															
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	Hubert Excavating & Contracting,		Bailey Excavating, LLC		D & H Contracting Co., Inc.		Grimes Construction Co., Inc.		Gary W Clifford, Inc.		Dakota Meyer Enterprises, Inc.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
A2.1	10" PVC Class 250 Pipe, SDR-17, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	11,600	LF	\$19.00	\$220,400.00	\$17.95	\$208,220.00	\$19.00	\$220,400.00	\$19.50	\$226,200.00	\$29.00	\$336,400.00	\$26.50	\$307,400.00
ALTERNATE No. 2 BID TOTAL:					\$220,400.00		\$208,220.00		\$220,400.00		\$226,200.00		\$336,400.00		\$307,400.00

ALTERNATE No. 3 - Alum Springs Transmission Main Upgrade to SDR 17, CL 250															
ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	Hubert Excavating & Contracting		Bailey Excavating LLC		D & H Contracting Co., Inc		Grimes Construction Co., Inc		Gary W Clifford Inc		Dakota Meyer Enterprises, Inc	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
A3.1	8" PVC Class 250 Pipe, SDR-17, Furnishing, Trenching, Installing and Backfilling (Unclassified Excavation)	11,600	LF	\$15.35	\$178,060.00	\$13.35	\$154,860.00	\$16.00	\$185,600.00	\$17.50	\$203,000.00	\$25.00	\$290,000.00	\$23.00	\$266,800.00
ALTERNATE No. 3 BID TOTAL:					\$178,060.00		\$154,860.00		\$185,600.00		\$203,000.00		\$290,000.00		\$266,800.00

Signed:

Chris Stewart
 Chris Stewart, PE
 Kentucky PE No. 23423
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Indicates an Error in the Bid. Corrected Totals Shown.



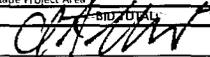


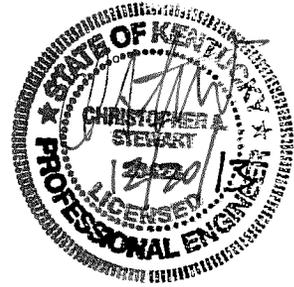
Parkville Water District
 Water System Improvements
 Contract I - Alum Springs Transmission Main
 Bid Date: December 20, 2013 at 11 AM Local Time

Water/Wastewater
 Transportation
 Engineers
 Environmental Planners

Project: 4151.00
 Date: 12/20/2013
 Engineer: CAS
 Page: 4 of 4

ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	The C. I. Thornburg Co., Inc.		UNIT PRICE	TOTAL	TOTAL						
				UNIT PRICE	TOTAL									
1	NEW SCADA SYSTEM Furnish and Install All Required Electrical Components or Upgrade, for a Complete and Fully Functional New SCADA System Complete in Place, as Described in the Contract Documents	1	LS	\$134,861.00	\$134,861.00		\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
2	Videotape Project Area	1	LS	\$2,000.00	\$2,000.00		\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
BID TOTAL:				\$136,861.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00

Signed: 
 Chris A Stewart, PE
 Kentucky PE No. 23423
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Hubert Excavating & Contracting

2590 Bondville Road ~ Salvisa ~ KY ~ 40372 (502) 680-1281 Fax (859) 865-2034
hubertexcavating@gmail.com

1/9/14

HMB Professional Engineers
Attn: Chris Stewart
3 HMB Circle
Frankfort, KY 40601

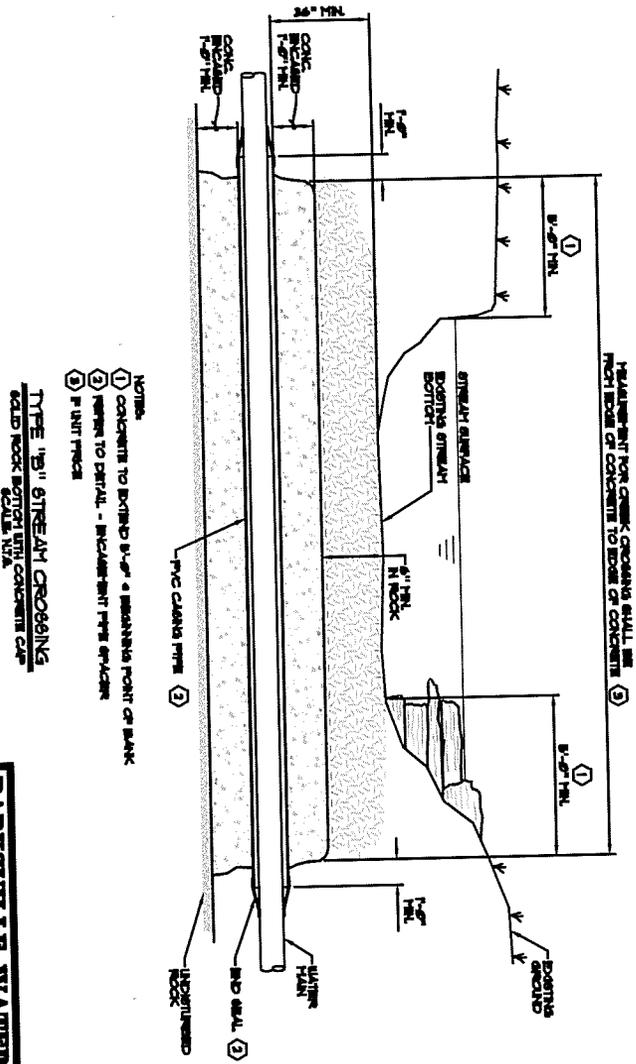
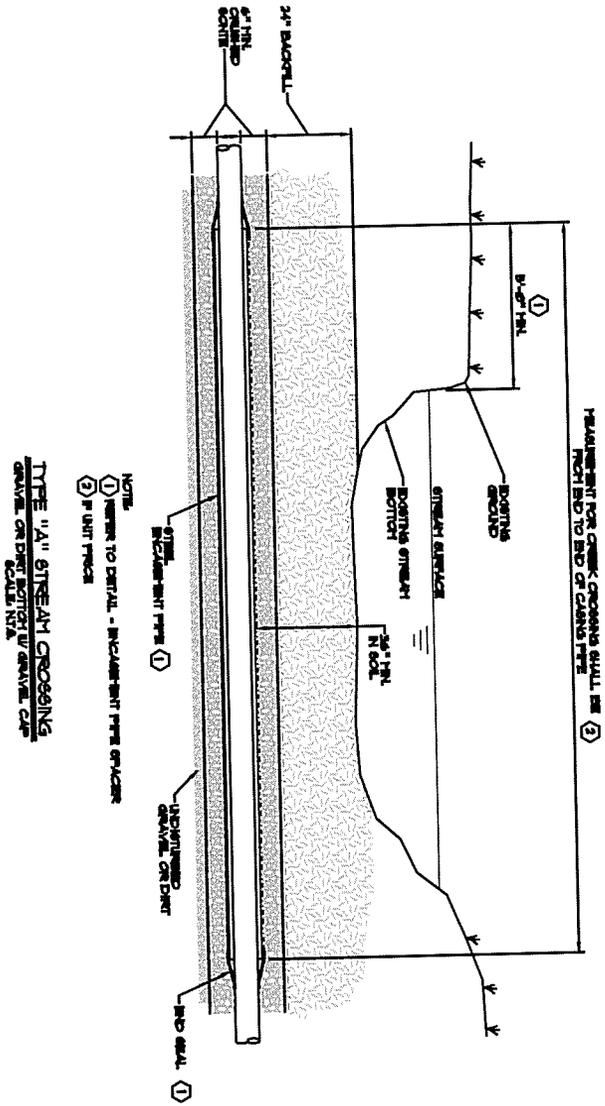
RE: Alum Springs Transmission Main

We officially propose the following unit pricing for the Alum Springs Transmission Main:

- 1) 10" CL250 PVC Water line Type "B" Stream Crossing for Creek Crossing #'s 1,2,3,4,6 - \$10,500.00 ea.
- 2) 10" CL250 PVC Water line Type "A" Stream Crossing in soil conditions - \$125.00/L.F. (casing length must be in 10' segments)

Regards,

Lance M. Hubert, owner



**PARKSVILLE WATER DISTRICT
 WATER SYSTEM IMPROVEMENTS
 CONTRACT I
 CHANGE ORDER No. 1**

SCALE : NTS.

DATE : DEC. 2013

DRAWN BY : SAB

CHECKED BY : CAS



XXV.

FORECAST OF WATER USAGE - INCOME - EXISTING SYSTEM - EXISTING USERS

For Period		1/1/2013		to		12/31/2013				
All Meter Sizes	Monthly Water Usage	Average Usage	Average Rate	Residential			Non-Residential			
				No. of Bills	Usage (1000s)	Income	No. of Bills	Usage (1000s)	Income	
0 -	1,000 gallons	417.589	\$27.91	2,871	1,206.860	\$80,130	53	14.170	\$1,479	
1,000 -	5,000 gallons	2,793.652	\$35.91	11,899	33,254.470	\$427,289	52	132.460	\$1,867	
5,000 -	10,000 gallons	6,572.556	\$53.20	3,313	21,762.690	\$176,265	13	97.630	\$692	
10,000 -	All Over gallons	17,830.935	\$110.56	740	12,593.490	\$81,816	30	1,136.330	\$3,317	
Sub-Total				18,823	68,817.510	\$765,500	148	1,380.590	\$7,355	
			Average Monthly Rate	\$40.67				\$49.70		
			Average Monthly Usage	3.656			\$63,792	9.328		
			Overall Average Monthly Bill	\$40.74	Overall Monthly Average Usage			3,700		

* Breakdown of meter size usage is not required unless different water reates are charged based on size of water meter.

** Number of users should reflect the actual number of "meter settings".

XXXI. CURRENT OPERATING BUDGET - (WATER SYSTEM) - EXISTING SYSTEM
AND NEW USERS (1st Full Year of Operation) Year Ending **2015**

A. Operating Income:	
Water Sales	\$ <u>772,855</u>
Disconnect/Reconnect/Late Charge Fee	<u>33,000 (1)</u>
Other (Describe)	<u>0</u>
Less Allowances and Deductions	<u>0</u>
Total Operating Income	\$ <u>805,855</u>
B. Operation and Maintenance Expenses: (Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)	
Source of Supply Expense	\$ <u>180,000 (1)</u>
Pumping Expense	\$ <u>40,200 (2)</u>
Water Treatment Expense	\$ <u>0</u>
Transmission and Distribution Expense	\$ <u>145,200 (2)</u>
Customer Accounts Expense	\$ <u>103,000 (2)</u>
Administrative and General Expense	\$ <u>194,500 (2)</u>
Total Operating Expense	\$ <u>662,900</u>
Net Operating Expense	\$ <u>142,955</u>
C. Non-Operating Income:	
Interest on Deposits	\$ <u>350</u>
Other (Identify)	<u>0</u>
Total Non-Operating Income	\$ <u>350</u>
D. Net Income	\$ <u>143,305</u>
E. Debt Repayment:	
RUS Original Project Payment	\$ <u>22,586 (3)</u>
RUS Add'l Funding Payment	<u>3,983 (4)</u>
RUS Principal (Existing Loans)	<u>26,700 (5)</u>
RUS Interest (Existing Loans)	<u>49,565 (5)</u>
Non-RUS Payments	<u>0</u>
Total Debt Repayment	\$ <u>102,834</u>
F. Balance Available	\$ <u>40,471</u>
G. Short Lived Assets	\$ <u>30,167</u>
H. Balance Available for Coverage	\$ <u>10,304</u>

- (1) Based on 2012 Audit & assumes stable water purchases
(2) Based on 2012 Audit plus 3% annual inflation through 2015.
(3) Based on \$508,000 loan @ 3.0% for 38 years.
(5) Based on \$83,000 loan @ 3.5% for 38 years
(5) Based on 2012 Audit