



Rural Development

May 16, 2016

Morehead Area Office

220 West First Street
Morehead, Kentucky
40351

Voice 606.784.6447
Fax 606.784.2076

Jack Scott Lawless
Public Service Commission
211 Sower Blvd.
Frankfort, Kentucky 40601

RECEIVED

MAY 18 2016

Public Service
Commission

Mr. Lawless,

Per your telephone call of May 11, 2016, you will please find enclosed for your review the Bid Tabulations and Project Information Reports for the current active loans with this office.

If you should have additional questions or need additional information, please contact Douglas Hoff of this office at 606.784.6447 ext. 116 or email him at douglas.hoff@ky.usda.gov

Sincerely,


Elwood Howe
Area Director

Enclosures

USDA is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

**Morgan County Water District
USDA Loans and Grants**

	<u>Date</u>	<u>Project</u>	<u>Loan No</u>	<u>Loan Amt</u>	<u>Grant No</u>	<u>Grant Amt</u>	<u>Total Project</u>	
1	7/11/1991	Phase II Water Project	1	\$ 300,000.00	2	\$ 235,000.00		Bid Tabs
	9/9/1991				3	\$ 195,000.00	ARC \$ 730,000.00	
2	8/5/1993	Phase III Water Line Extension	4	\$ 375,000.00	5	\$ 583,200.00		Bid Tabs
	12/15/1993		6	\$ 17,000.00	7	\$ 48,000.00		
	12/16/1993				8	\$ 245,000.00	ARC \$ 1,268,200.00	
3	9/26/1997	Water System Ext	9	\$ 75,000.00				Bid Tabs
	12/31/1997		KY Hwy 203 Caskey Fork			10	\$ 328,000.00	
4	12/16/1999	Phase 6 KY 172	11	\$ 332,000.00	12	\$ 847,000.00		Bid Tabs
	5/3/2000				13	\$ 500,000.00	ARC \$ 1,679,000.00	
5	5/22/2001	Ezel Area Water Line Ext	14	\$ 300,000.00	15	\$ 160,000.00		Bid Tabs
	9/27/2001				16	\$ 500,000.00	\$ 960,000.00	
6	12/26/2002	Ditney Ridge FY 2003	20	\$ 600,000.00	21	\$ 550,000.00		
	7/25/2003				19	\$ 400,000.00	\$ 1,550,000.00	
7	8/10/2005	Phase XI Extensions	25	\$ 1,000,000.00	26	\$ 500,000.00		Bid Tabs
	2/17/2006				24	\$ 300,000.00	ARC \$ 1,800,000.00	
8	5/4/2007	Phase 12 Water Line Extension	27	\$ 1,446,000.00	28	\$ 754,000.00		Bid Tabs
	9/28/2007				29	\$ 500,000.00	ARC \$ 1,254,000.00	
Total				\$ 4,445,000.00		\$ 6,645,200.00	\$ 11,090,200.00	

OCT - 8 1993



Haworth, Meyer & Boleyn, Inc.

ENGINEERS • ARCHITECTS • PLANNERS

643 Teton Trail
Frankfort, KY 40601

Office: 502-223-2001
FAX: 502-223-2035

Phase II

October 6, 1993

↓
Mr. Vernon Brown
Farmers Home Administration
309 E. Main, Suite D
Morehead, KY 40351

Re: Phase II Water Project
Morgan County Water District
Final Engineering Report
Contract III
HMB #765

Dear Vernon:

As you know, the above referenced project was bid September 30, 1993. The low bidder for Contract III was Byrd Brothers Construction, Inc. from Hazel Green, Ky. Their bid was \$594,799.42.

Attached find a copy of the Bid Tabulation for the Project.

Following is a summary of the financing and budget for this project:

<u>Financing:</u>	<u>Letter of Conditions (June 17, 1991)</u>	<u>Current</u>
FmHA Loan	\$300,000	\$300,000
FmHA Grant	235,000	235,000
ARC Grant	195,000	195,000
Applicant Contribution	<u>62,000</u>	<u>0*</u>
TOTAL	\$792,000	\$730,000

*Due to the project being in a poverty area/county, the tap fee was waived by FmHA.

HMB

Mr. Vernon Brown
October 6, 1993
Page Two

<u>Project Budget:</u>	<u>Letter of Conditions June 17, 1991</u>	<u>Current (As Bid)</u>	
Development	\$580,000	\$594,799.42	594,800
Land and Rights	5,000	2,000.00	5,500
Legal and Administrative	10,000	10,000.00	10,000
Engineering	65,000	66,532.00	66,500
Inspection	35,000	0.00 ⁽¹⁾	30,000
Interest during Construction	20,000	5,000.00	26,000
Contingencies	47,000	31,168.58	
Initial O&M	10,000	0.00 ⁽²⁾	32,000
Initial O&M Reserve	20,000	0.00 ⁽²⁾	10,000
Morgan Co. W.D. Requirements:			
Repayment of Tap Fees	0	12,000.00	
Bank Loan for O&M	0	3,500.00	
Back salaries for Manager	0	1,500.00	
Purchase of Tank Site	0	1,000.00	
Highway Bond	0	2,500.00	LTR 10,000
TOTAL	\$792,000	\$730,000.00	

- (1) The Morgan County W.D. wishes to perform their own inspection; therefore, the full \$34,600+ is available for construction.
- (2) The District wishes to apply the funds originally set up in these line items to pay O&M costs previously incurred.

It appears the project can be completed within the available funding. To do this, the Water District will perform their own Inspection; they also need the "Contingency" line item lowered to approximately 5%. In addition, they need FmHA's approval to allocate funds set aside for "Initial O&M" and "Initial O&M Reserve" to pay O&M debts previously incurred; as well as, placing some of those funds in the "Contingency" line item.

HMB

Mr. Vernon Brown
October 6, 1993
Page Three

We recommend the project be allowed to go forward and FmHA issue an Amended Letter of Conditions.

Very truly yours,

HAWORTH, MEYER & BOLEYN, INC.


Bob Blankenship, P.E.

cc: Sid Stewart, Judge/Exec.
Jim Finch, Chairman
Jack Cline
Virgil Cole
Jerry Jackson
Henry Reed, III, Bond Counsel
Eddie Keeton, Local Attorney

BB/km
vernonb.ltr

ID TABULATION
 CONTRACT III
 CASE II WATER SUPPLY PROJECT
 ORGAN COUNTY WATER DISTRICT

OCT - 8 1993

TO VERNON BROWN

ed Date: September 30, 1993

ITEM NO.	DESCRIPTION	UNIT	QNTY.	ENGINEER'S ESTIMATE		BYRD BROTHERS CONST.		KINDER CONSTRUCTION CO		KENNEY, INC.		D.F. BAILEY, INC.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
8"	PVC, Class 200 Pipe 14 AWWA C-900	L.F.	15,100	\$7.90	\$119,290.00	\$6.95	\$104,945.00	\$9.74	\$147,074.00	\$9.60	\$144,960.00	\$10.45	\$157,795.00
8"	PVC, Class 200 Pipe, SDR 21	L.F.	3,400	\$7.25	\$24,650.00	\$5.71	\$19,414.00	\$7.19	\$24,446.00	\$7.00	\$23,800.00	\$7.15	\$24,310.00
8"	D.I., Class 50 Pipe	L.F.	450	\$11.50	\$5,175.00	\$11.00	\$4,950.00	\$13.13	\$5,908.50	\$15.20	\$6,840.00	\$15.10	\$6,795.00
6"	PVC, Class 200 Pipe, SDR 14, AWWA C-900	L.F.	25,300	\$4.90	\$123,970.00	\$4.82	\$121,946.00	\$5.92	\$149,776.00	\$6.50	\$164,450.00	\$6.15	\$155,595.00
6"	PVC, Class 200 Pipe, SDR 21	L.F.	15,400	\$3.50	\$53,900.00	\$3.70	\$56,980.00	\$4.68	\$72,072.00	\$5.10	\$78,540.00	\$5.00	\$77,000.00
4"	PVC, Class 200 Pipe SDR 14, AWWA C-900	L.F.	8,350	\$3.25	\$27,137.50	\$3.18	\$26,553.00	\$4.05	\$33,817.50	\$4.20	\$35,070.00	\$4.70	\$39,245.00
4"	PVC, Class 200 Pipe, SDR 21	L.F.	18,000	\$2.50	\$45,000.00	\$2.39	\$43,020.00	\$3.06	\$55,080.00	\$3.30	\$59,400.00	\$4.05	\$72,900.00
2"	P.E. Class 200	L.F.	4,600	\$2.25	\$10,350.00	\$2.79	\$12,834.00	\$3.87	\$17,802.00	\$2.05	\$9,430.00	\$3.50	\$16,100.00
14"	Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	310	\$60.00	\$18,600.00	\$55.65	\$17,251.50	\$60.00	\$18,600.00	\$65.00	\$20,150.00	\$65.00	\$20,150.00
	Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	100	\$55.00	\$5,500.00	\$49.96	\$4,996.00	\$52.00	\$5,200.00	\$52.00	\$5,200.00	\$55.00	\$5,500.00
10"	Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	90	\$50.00	\$4,500.00	\$47.05	\$4,234.50	\$50.00	\$4,500.00	\$51.00	\$4,590.00	\$45.00	\$4,050.00
8"	Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	30	\$45.00	\$1,350.00	\$47.63	\$1,428.90	\$50.00	\$1,500.00	\$49.00	\$1,470.00	\$35.00	\$1,050.00
	Boring and/or Jacking Under County Roads and Paved Driveways, all pipe sizes	L.F.	100	\$40.00	\$4,000.00	\$38.00	\$3,800.00	\$30.00	\$3,000.00	\$40.00	\$4,000.00	\$25.00	\$2,500.00
8"	C.I. Gate Valve	EA	9	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$538.07	\$4,842.63	\$520.00	\$4,680.00	\$430.00	\$3,870.00

BID TABULATION
 CONTRACT III
 PHASE II WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: September 30, 1993

ITEM NO.	DESCRIPTION	UNIT	QNTY.	ENGINEER'S ESTIMATE		BYRD BROTHERS CONST.		KINDER CONSTRUCTION CO		KENNEY, INC.		D.F. BAILEY, INC.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
5	6" C.I. Gate Valve	EA	13	\$450.00	\$5,850.00	\$350.00	\$4,550.00	\$393.09	\$5,110.17	\$359.00	\$4,667.00	\$305.00	\$3,965.00
6	4" C.I. Gate Valve	EA	13	\$375.00	\$4,875.00	\$280.00	\$3,640.00	\$347.80	\$4,521.40	\$307.00	\$3,991.00	\$255.00	\$3,315.00
7	2" C.I. Gate Valve	EA	1	\$325.00	\$325.00	\$200.00	\$200.00	\$286.93	\$286.93	\$195.00	\$195.00	\$210.00	\$210.00
3	Master Meter Station	EA	2	\$6,500.00	\$13,000.00	\$6,823.92	\$13,647.84	\$7,890.00	\$15,780.00	\$12,000.00	\$24,000.00	\$8,500.00	\$17,000.00
	Customer Service with 5/8" Meter, opp. side of road	EA	18	\$450.00	\$8,100.00	\$375.00	\$6,750.00	\$540.56	\$9,730.08	\$420.00	\$7,560.00	\$500.00	\$9,000.00
	Customer Service with 5/8" Meter, same side of road	EA	26	\$400.00	\$10,400.00	\$300.00	\$7,800.00	\$263.60	\$6,853.60	\$275.00	\$7,150.00	\$250.00	\$6,500.00
	Customer Service with 5/8" Meter, pressure regulator, same side as main, 10' service tubing	EA	120	\$450.00	\$54,000.00	\$322.14	\$38,656.80	\$313.60	\$37,632.00	\$357.00	\$42,840.00	\$310.00	\$37,200.00
	Customer Service with 5/8" Meter, pressure regulator, same side as main, 70' service tubing	EA	61	\$500.00	\$30,500.00	\$500.00	\$30,500.00	\$590.56	\$36,024.16	\$493.00	\$30,073.00	\$560.00	\$34,160.00
	1'1" 1" Service Tubing	L.F.	1,000	\$1.75	\$1,750.00	\$1.75	\$1,750.00	\$2.25	\$2,250.00	\$1.60	\$1,600.00	\$2.50	\$2,500.00
	Add'l 3/4" Service Tubing	L.F.	1,000	\$1.65	\$1,650.00	\$1.65	\$1,650.00	\$2.20	\$2,200.00	\$1.53	\$1,530.00	\$2.25	\$2,250.00
	2" Blowoff Assembly,	EA	2	\$300.00	\$600.00	\$563.94	\$1,127.88	\$411.51	\$823.02	\$610.00	\$1,220.00	\$450.00	\$900.00
	Fire Hydrant Assembly for Water Mains 6" and Larger	EA	10	\$1,500.00	\$15,000.00	\$1,200.00	\$12,000.00	\$1,204.40	\$12,044.00	\$1,587.00	\$15,870.00	\$1,350.00	\$13,500.00
	Manual Air Release Valve Assembly and Box	EA	3	\$375.00	\$1,125.00	\$250.00	\$750.00	\$350.00	\$1,050.00	\$260.00	\$780.00	\$250.00	\$750.00
	8" Type A Creek Crossing	L.F.	260	\$25.00	\$6,500.00	\$20.00	\$5,200.00	\$30.00	\$7,800.00	\$36.50	\$9,490.00	\$50.00	\$13,000.00
	8" Type B Creek Crossing	L.F.	80	\$20.00	\$1,600.00	\$25.00	\$2,000.00	\$35.00	\$2,800.00	\$37.00	\$2,960.00	\$35.00	\$2,800.00

BID TABULATION
 CONTRACT III
 PHASE II WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: September 30, 1993

ITEM NO.	DESCRIPTION	UNIT	QNTY.	ENGINEER'S ESTIMATE		BYRD BROTHERS CONST.		KINDER CONSTRUCTION CO		KENNEY, INC.		D.F. BAILEY, INC.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
30	6" Type A Creek Crossing	L.F.	80	\$20.00	\$1,600.00	\$17.00	\$1,360.00	\$25.00	\$2,000.00	\$40.00	\$3,200.00	\$40.00	\$3,200.00
31	5" Type B Creek Crossing	L.F.	210	\$15.00	\$3,150.00	\$22.00	\$4,620.00	\$30.00	\$6,300.00	\$40.00	\$8,400.00	\$30.00	\$6,300.00
32	4" Type B Creek Crossing	L.F.	180	\$14.00	\$2,520.00	\$20.80	\$3,744.00	\$20.00	\$3,600.00	\$35.00	\$6,300.00	\$25.00	\$4,500.00
33	Crushed stone on trench surface	L.F.	6,000	\$3.00	\$18,000.00	\$2.50	\$15,000.00	\$2.00	\$12,000.00	\$2.40	\$14,400.00	\$2.00	\$12,000.00
34	Bit. Paving Repl. on non-state maintained roads, streets, and driveways	L.F.	1,200	\$12.00	\$14,400.00	\$10.00	\$12,000.00	\$10.00	\$12,000.00	\$17.00	\$20,400.00	\$10.00	\$12,000.00
35	Conc. Paving repl., 6" thick	L.F.	100	\$12.00	\$1,200.00	\$10.00	\$1,000.00	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
TOTAL BID PRICE					\$644,067.50		\$594,799.42		\$726,923.99		\$771,206.00		\$773,910.00

BID TABULATION
 CONTRACT III
 PHASE II WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: September 30, 1993

ITEM NO.	DESCRIPTION	UNIT	QNTY.	ENGINEER'S ESTIMATE		ALPHA RECLAMATION CONT.		CHARLES CONTRACTING CO.		GARRISON CONSTRUCTION CO	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	9" PVC, Class 200 Pipe DR 14 AWWA C-900	L.F.	15,100	\$7.90	\$119,290.00	\$9.50	\$143,450.00	\$8.90	\$134,390.00	\$9.95	\$150,245.00
	8" PVC, Class 200 Pipe, SDR 21	L.F.	3,400	\$7.25	\$24,650.00	\$7.50	\$25,500.00	\$7.10	\$24,140.00	\$7.40	\$25,160.00
	8" D.I., Class 50 Pipe	L.F.	450	\$11.50	\$5,175.00	\$11.00	\$4,950.00	\$14.80	\$6,660.00	\$12.50	\$5,625.00
	6" PVC, Class 200 Pipe, SDR 14, AWWA C-900	L.F.	25,300	\$4.90	\$123,970.00	\$7.00	\$177,100.00	\$6.90	\$174,570.00	\$7.25	\$183,425.00
	6" PVC, Class 200 Pipe, SDR 21	L.F.	15,400	\$3.50	\$53,900.00	\$4.50	\$69,300.00	\$5.80	\$89,320.00	\$6.15	\$94,710.00
	4" PVC, Class 200 Pipe SDR 14, AWWA C-900	L.F.	8,350	\$3.25	\$27,137.50	\$4.70	\$39,245.00	\$5.55	\$46,342.50	\$5.70	\$47,595.00
	4" PVC, Class 200 Pipe, SDR 21	L.F.	18,000	\$2.50	\$45,000.00	\$3.50	\$63,000.00	\$5.00	\$90,000.00	\$4.55	\$81,900.00
	2" P.E. Class 200	L.F.	4,600	\$2.25	\$10,350.00	\$2.50	\$11,500.00	\$4.00	\$18,400.00	\$4.95	\$22,770.00
	14" Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	310	\$60.00	\$18,600.00	\$80.00	\$24,800.00	\$80.00	\$24,800.00	\$109.00	\$33,790.00
	10" Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	100	\$55.00	\$5,500.00	\$65.00	\$6,500.00	\$75.00	\$7,500.00	\$67.00	\$6,700.00
	10" Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	90	\$50.00	\$4,500.00	\$65.00	\$5,850.00	\$70.00	\$6,300.00	\$60.00	\$5,400.00
	8" Steel Cover Pipe Under State Maintained Roads Boring and Jacking	L.F.	30	\$45.00	\$1,350.00	\$55.00	\$1,650.00	\$60.00	\$1,800.00	\$49.00	\$1,470.00
	Boring and/or Jacking Under County Roads and Paved Driveways, all pipe sizes	L.F.	100	\$40.00	\$4,000.00	\$20.00	\$2,000.00	\$30.00	\$3,000.00	\$45.00	\$4,500.00
	8" C.I. Gate Valve	EA	9	\$500.00	\$4,500.00	\$550.00	\$4,950.00	\$400.00	\$3,600.00	\$480.00	\$4,320.00

BID TABULATION
 CONTRACT III
 PHASE II WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: September 30, 1993

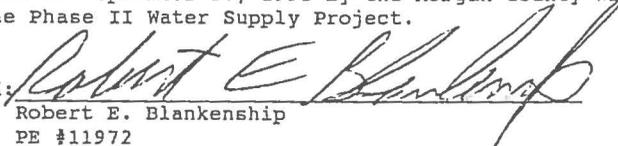
ITEM NO.	DESCRIPTION	UNIT	QNTY.	ENGINEER'S ESTIMATE		ALPHA RECLAMATION CONT.		CHARLES CONTRACTING CO.		GARRISON CONSTRUCTION CO	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
5	5" C.I. Gate Valve	EA	13	\$450.00	\$5,850.00	\$500.00	\$6,500.00	\$300.00	\$3,900.00	\$370.00	\$4,810.00
6	4" C.I. Gate Valve	EA	13	\$375.00	\$4,875.00	\$300.00	\$3,900.00	\$250.00	\$3,250.00	\$280.00	\$3,640.00
7	2" C.I. Gate Valve	EA	1	\$325.00	\$325.00	\$250.00	\$250.00	\$200.00	\$200.00	\$220.00	\$220.00
8	Master Meter Station	EA	2	\$6,500.00	\$13,000.00	\$9,500.00	\$19,000.00	\$4,000.00	\$8,000.00	\$7,700.00	\$15,400.00
9	Customer Service with 5/8" Meter, opp. side of road	EA	18	\$450.00	\$8,100.00	\$374.51	\$6,741.18	\$425.00	\$7,650.00	\$456.00	\$8,208.00
0	Customer Service with 5/8" Meter, same side of road	EA	26	\$400.00	\$10,400.00	\$305.62	\$7,946.12	\$300.00	\$7,800.00	\$266.00	\$6,916.00
1	Customer Service with 5/8" Meter, pressure regulator, same side as main, 10' service tubing	EA	120	\$450.00	\$54,000.00	\$360.57	\$43,268.40	\$400.00	\$48,000.00	\$398.00	\$47,760.00
2	Customer Service with 5/8" Meter, pressure regulator, same side as main, 70' service tubing	EA	61	\$500.00	\$30,500.00	\$420.65	\$25,659.65	\$500.00	\$30,500.00	\$588.00	\$35,868.00
3	Add'l 1" Service Tubing	L.F.	1,000	\$1.75	\$1,750.00	\$2.50	\$2,500.00	\$3.50	\$3,500.00	\$3.40	\$3,400.00
4	Add'l 3/4" Service Tubing	L.F.	1,000	\$1.65	\$1,650.00	\$2.50	\$2,500.00	\$3.00	\$3,000.00	\$3.00	\$3,000.00
5	2" Blowoff Assembly,	EA	2	\$300.00	\$600.00	\$306.44	\$612.88	\$400.00	\$800.00	\$360.00	\$720.00
5	Fire Hydrant Assembly for Water Mains 6" and Larger	EA	10	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00	\$1,200.00	\$12,000.00	\$1,500.00	\$15,000.00
7	Manual Air Release Valve Assembly and Box	EA	3	\$375.00	\$1,125.00	\$232.23	\$696.69	\$250.00	\$750.00	\$310.00	\$930.00
3	8" Type A Creek Crossing	L.F.	260	\$25.00	\$6,500.00	\$50.00	\$13,000.00	\$40.00	\$10,400.00	\$110.00	\$28,600.00
1	8" Type B Creek Crossing	L.F.	80	\$20.00	\$1,600.00	\$50.00	\$4,000.00	\$50.00	\$4,000.00	\$50.00	\$4,000.00

BID TABULATION
 CONTRACT III
 PHASE II WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: September 30, 1993

ITEM NO.	DESCRIPTION	UNIT	QNTY.	ENGINEER'S ESTIMATE		ALPHA RECLAMATION CONT.		CHARLES CONTRACTING CO.		GARRISON CONSTRUCTION CO	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
30	6" Type A Creek Crossing	L.F.	80	\$20.00	\$1,600.00	\$40.00	\$3,200.00	\$30.00	\$2,400.00	\$90.00	\$7,200.00
31	6" Type B Creek Crossing	L.F.	210	\$15.00	\$3,150.00	\$35.00	\$7,350.00	\$40.00	\$8,400.00	\$48.00	\$10,080.00
32	4" Type B Creek Crossing	L.F.	180	\$14.00	\$2,520.00	\$30.00	\$5,400.00	\$30.00	\$5,400.00	\$35.00	\$6,300.00
33	Crushed stone on trench surface	L.F.	6,000	\$3.00	\$18,000.00	\$6.00	\$36,000.00	\$3.00	\$18,000.00	\$2.00	\$12,000.00
34	Bit. Paving Repl. on non-state maintained roads, streets, and driveways	L.F.	1,200	\$12.00	\$14,400.00	\$10.00	\$12,000.00	\$16.00	\$19,200.00	\$10.00	\$12,000.00
35	Conc. Paving repl., 6" thick	L.F.	100	\$12.00	\$1,200.00	\$20.00	\$2,000.00	\$30.00	\$3,000.00	\$20.00	\$2,000.00
TOTAL BID PRICE					\$644,067.50		\$797,319.92		\$830,972.50		\$895,662.00

This is to certify that the above is an accurate tabulation to bids received on September 30, 1993 by the Morgan County Water District or the Phase II Water Supply Project.

Signed: 
 Robert E. Blankenship
 PE #11972

MAR 27 1995



James L. Haworth, P.E. - Retired
Fred A. Meyer, P.E., L.A.
Philip Boleyn, P.E., L.A.

James H. Smith, P.E., L.S.
Bradley M. Meyer, P.E., L.S.
Joseph C. Pyles, P.E.



Haworth, Meyer & Boleyn, Inc.

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ENGINEERS • ARCHITECTS • PLANNERS

3 HMB Circle
U.S. 460
Frankfort, KY 40601

Office: (502) 695-9800
FAX: (502) 695-9810

March 23, 1995

PHASE III

Mr. Jeff Jones
FmHA
309 E. Main Street, Suite D
Morehead, KY 40351

RE: Final Engineering Report
Phase III Water Line Extension ✓
Morgan County Water District
HMB # 778

Dear Mr. Jones:

As you know, the above referenced project was bid March 14, 1995. The low bidder for Contract IV, the water line extension, was G & W Construction Co., Inc., from Morehead, KY. Their bid was \$714,407.94. The low bidder for Contract V, the storage tank, was Kentucky Glass Lined Tank Systems, Inc., from Lexington, Kentucky. Their bid was \$147,958.00.

Attached find a copy of the Bid Tabulation for the project. Following is a summary of the financing and budget for this project:

<u>Project Budget:</u>	<u>Letter of Conditions</u> <u>July 7, 1993</u>	<u>Current</u> <u>(As Bid)</u>
Development	\$900,000	\$862,365.94
Land and Rights	15,000	15,000.00
Legal and Administrative	25,000	25,000.00
Engineering	99,500	89,659.00
Inspection	43,500	42,083.00
Interest during construction	30,000	30,000.00
Contingencies	<u>90,200</u>	<u>139,092.06</u>
Total Project Cost	\$1,203,200	\$1,203,200.00 ✓

HMB

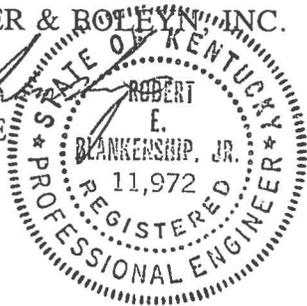
Mr. Jeff Jones
March 23, 1995
Page 2

It appears the projects can be completed within the available funding, therefore, we recommend these contracts be approved and allowed to go forward. FmHA should issue an Amended Letter of Conditions to cover the previously revised rate of \$12.25 minimum and the deletion of the \$5.60 surcharge. Please contact us if there are any questions.

Very truly yours,

HAWORTH, MEYER & BOLEYN, INC.

Bob Blankenship
Bob Blankenship, PE



BB/tcm

Enclosures

cc: Sid Stewart, Judge/Executive
Jim Finch, Chairman
Jerry Jackson
Henry Reed, III
Joleen Frederick

James L. Haworth, P.E. - Retired
Fred A. Meyer, P.E., L.A.
Philip Boleyn, P.E., L.A.

APR 26 1995

James H. Smith, P.E., L.S.
Bradley M. Meyer, P.E., L.S.
Joseph C. Pyles, P.E.



Haworth, Meyer & Boleyn, Inc.

ENGINEERS • ARCHITECTS • PLANNERS

3 HMB Circle
U.S. 460
Frankfort, KY 40601

Office: (502) 695-9800
FAX: (502) 695-9810

April 21, 1995

Ms. Jane Brown, P.E.
RECD
771 Corporate Drive
Lexington, KY 40503

Re: Phase III Water Project
Morgan County Water District
Morgan County, KY
HMB Job No. 778

Dear Jane:

Enclosed please find our Invoice No. 1 for your review and approval. We plan to award the contracts in the next 30-45 days \pm . The Bond Counsel is currently preparing the PSC package.

The bids were opened March 14, 1995. Following is the results of that bidding:

Contract IV - Water Lines	G & W Construction Company	\$714,407.97
Contract V - Water Storage Tank	KY Glass Lined Tank	<u>\$147,958.00</u>
TOTAL BID		\$862,365.97

Our calculations indicate the following percents should be used in calculating engineering and inspection fees: Engineering 8.33%; Inspection 4.88%.

Please contact us if you have any questions.

Very truly yours,

HAWORTH, MEYER & BOLEYN, INC.

Bob Blankenship
Bob Blankenship, P.E.

RECD Concurrence:
Jane Hunter Brown
State Engineer
4-26-95

CC: Jeff Jones, RECD
Jerry Jackson, MCWD

HAWORTH, MEYER & BOLEYN, INC.
 3 HMB CIRCLE
 US 460 GEORGETOWN ROAD
 FRANKFORT, KENTUCKY 40601
 (502) 695-9800

 STATEMENT OF ENGINEERING SERVICES

Mr. Jim Finch
 Morgan County Water District
 450 Prestonsburg Street
 West Liberty, KY 41472

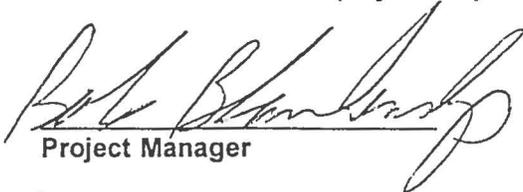
Morgan County Water District
 Phase III Water Project
 HMB Project #778.00

April 24, 1995
 Invoice #1

SCOPE OF SERVICES

Design, Advertise, Bid, Engineering Services during Construction and Inspection of Water Lines for Phase III Water Project in Morgan County, Kentucky.

<u>Base Services</u>	<u>FEE</u>	<u>PERCENT COMPLETE</u>	<u>AMOUNT EARNED</u>	<u>AMOUNT DUE THIS INVOICE</u>
Preliminary Services	\$10,000.00	100	\$10,000.00	\$10,000.00
Design (70%)	\$50,285.00	100	\$50,285.00	\$50,285.00
Advertise & Bid (10%)	\$7,184.00	100	\$7,184.00	\$7,184.00
Construction Services (20%) ⁽¹⁾	\$14,366.00	0	\$0.00	\$0.00
Inspection ⁽¹⁾	\$42,083.00	0	\$0.00	\$0.00
<u>Additional Services:</u>				
Environmental Assessment	\$3,000.00	100	\$3,000.00	\$3,000.00
PSC (Rules/Regs/Case)	\$3,000.00	100	\$3,000.00	\$3,000.00
Geotechnical Investigation	\$3,000.00	100	\$3,000.00	\$3,000.00
TOTALS	\$132,918.00		\$76,469.00	\$76,469.00
Less: Previous Invoices			\$0.00	
TOTAL AMOUNT DUE (Payable Upon Receipt)			\$76,469.00	\$76,469.00


 Project Manager

⁽¹⁾ To be paid at the same percent as the Contractor's pay request.

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BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY	ENGINEER'S EST.		G & W CONSTRUCTION		BYRD BROTHERS CON		M & D GENERAL CON	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	8" PVC Class 200 Pipe SDR 14 AWWA C-900	L.F.	40,000	\$9.05	\$362,000.00	\$8.37	\$334,800.00	\$9.69	\$387,600.00	\$8.60	\$344,000.00
2	8" PVC, Class 200, SDR 21	L.F.	12,600	\$6.95	\$87,570.00	\$6.04	\$76,104.00	\$7.25	\$91,350.00	\$7.75	\$97,650.00
3	8" D.I. Class 200,	L.F.	800	\$13.50	\$10,800.00	\$14.44	\$11,552.00	\$14.66	\$11,728.00	\$14.00	\$11,200.00
4	6" PVC, Class 200 SDR 21	L.F.	7,000	\$4.90	\$34,300.00	\$4.10	\$28,700.00	\$5.20	\$36,400.00	\$6.00	\$42,000.00
5	6" D.I., Class 50 Pipe	L.F.	300	\$12.90	\$3,870.00	\$10.63	\$3,189.00	\$12.56	\$3,768.00	\$12.00	\$3,600.00
6	4" PVC, Class 200, SDR 21	L.F.	12,100	\$3.40	\$41,140.00	\$2.76	\$33,396.00	\$2.54	\$30,734.00	\$4.00	\$48,400.00
7	2" PVC, Class 200, SDR 21	L.F.	800	\$3.00	\$2,400.00	\$2.04	\$1,632.00	\$2.32	\$1,856.00	\$3.00	\$2,400.00
8	14" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	455	\$60.00	\$27,300.00	\$58.09	\$26,430.95	\$56.56	\$25,734.80	\$45.00	\$20,475.00
9	12" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	115	\$53.00	\$6,095.00	\$57.19	\$6,576.85	\$52.50	\$6,037.50	\$40.00	\$4,600.00
10	10" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	110	\$51.00	\$5,610.00	\$55.39	\$6,092.90	\$51.62	\$5,678.20	\$35.00	\$3,850.00
11	4" Steel Cover Pipe Under State Maintained Roads Cut, Boring and Jacking	L.F.	30	\$48.00	\$1,440.00	\$45.46	\$1,363.80	\$10.00	\$300.00	\$30.00	\$900.00
12	Open Cut, Furnishing and Installing 14" Steel cover pipe	L.F.	200	\$30.00	\$6,000.00	\$33.09	\$6,618.00	\$20.25	\$4,050.00	\$20.00	\$4,000.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY	ENGINEER'S EST.		G & W CONSTRUCTION		BYRD BROTHERS CON		M & D GENERAL CON	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
13	Underground booster pump station to include but not limited to 150 GPM pumps, piping, controls, capsule, heaters, fans, lights, ladder, dehumidifier, sump pump, valves concrete and conduit (complete in place)	L.S.	1	\$45,000.00	\$45,000.00	\$39,301.80	\$39,301.80	\$36,000.00	\$36,000.00	\$40,000.00	\$40,000.00
14	8" C.I. Gate Valve	EA.	24	\$520.00	\$12,480.00	\$502.98	\$12,071.52	\$555.38	\$13,329.12	\$500.00	\$12,000.00
15	6" C.I. Gate Valve	EA.	5	\$370.00	\$1,850.00	\$360.32	\$1,801.60	\$383.96	\$1,919.80	\$450.00	\$2,250.00
16	4" C.I. Gate Valve	EA.	9	\$330.00	\$2,970.00	\$303.68	\$2,733.12	\$329.20	\$2,962.80	\$400.00	\$3,600.00
17	2" C.I. Gate Valve	EA.	3	\$240.00	\$720.00	\$255.73	\$767.19	\$225.73	\$677.19	\$350.00	\$1,050.00
18	Customer Service with 5/8" meter, opp side of road	EA.	13	\$450.00	\$5,850.00	\$417.16	\$5,423.08	\$375.00	\$4,875.00	\$525.00	\$6,825.00
19	Customer service with 5/8" meter, same side of road	EA.	3	\$300.00	\$900.00	\$254.06	\$762.18	\$325.00	\$975.00	\$325.00	\$975.00
20	Customer Service with 5/8" meter, pressure regulator, same side as main, 10' service tubing	EA.	71	\$350.00	\$24,850.00	\$312.61	\$22,195.31	\$400.00	\$28,400.00	\$450.00	\$31,950.00
21	Customer Service with 5/8" meter, pressure regulator, opp side as main, 70' service tubing	EA.	41	\$550.00	\$22,550.00	\$475.28	\$19,486.48	\$550.00	\$22,550.00	\$525.00	\$21,525.00
22	Add'l 1" service tubing	L.F.	100	\$2.00	\$200.00	\$1.85	\$185.00	\$2.21	\$221.00	\$3.00	\$300.00
23	2" Blowoff Assembly	EA.	7	\$540.00	\$3,780.00	\$510.59	\$3,574.13	\$500.00	\$3,500.00	\$450.00	\$3,150.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY	ENGINEER'S EST.		G & W CONSTRUCTION		BYRD BROTHERS CON		M & D GENERAL CON	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
24	Add'l 3/4" service tubing	L.F.	500	\$1.85	\$925.00	\$1.67	\$835.00	\$2.15	\$1,075.00	\$3.00	\$1,500.00
25	Fire hydrant assembly for water mains 6" and larger	EA.	8	\$1,370.00	\$10,960.00	\$1,650.68	\$13,205.44	\$1,600.00	\$12,800.00	\$1,400.00	\$11,200.00
26	Automatic Air Release Value Assembly and Box	EA.	4	\$450.00	\$1,800.00	\$354.58	\$1,418.32	\$341.26	\$1,365.04	\$450.00	\$1,800.00
27	Type A Creek Crossing	L.F.	174	\$29.00	\$5,046.00	\$30.00	\$5,220.00	\$15.00	\$2,610.00	\$50.00	\$8,700.00
28	Type B Creek Crossing	L.F.	74	\$33.00	\$2,442.00	\$35.00	\$2,590.00	\$20.00	\$1,480.00	\$125.00	\$9,250.00
29	Type C Creek Crossing	L.F.	60	\$40.00	\$2,400.00	\$104.66	\$6,279.60	\$40.00	\$2,400.00	\$200.00	\$12,000.00
30	Crushed stone on trench surface	L.F.	1,000	\$2.30	\$2,300.00	\$4.00	\$4,000.00	\$2.50	\$2,500.00	\$4.00	\$4,000.00
31	Bit. Paving Repl. on non-state maintained roads, street, and driveways	L.F.	710	\$12.00	\$8,520.00	\$20.00	\$14,200.00	\$10.00	\$7,100.00	\$10.63	\$7,547.30
32	Conc. Paving repl., 6" thick	L.F.	50	\$18.00	\$900.00	\$25.00	\$1,250.00	\$15.00	\$750.00	\$26.00	\$1,300.00
33	Radio Telemetering control system, serving two locations (tank and pump station) including all appurtenances, as shown on the plans and specs, complete in place	L.S.	1	\$25,000.00	\$25,000.00	\$20,652.70	\$20,652.70	\$16,500.00	\$16,500.00	\$30,000.00	\$30,000.00
TOTAL BID PRICE					\$769,968.00		\$714,407.97		\$769,226.45		\$793,997.30

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY	GROOMS CONST.		HP CONTRACTING, INC.		ALPHA RECLAM. & CON		D.F. BAILEY, INC.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	8" PVC Class 200 Pipe SDR 14 AWWA C-900	L.F.	40,000	\$9.77	\$390,800.00	\$9.66	\$386,400.00	\$10.25	\$410,000.00	\$11.75	\$470,000.00
2	8" PVC, Class 200, SDR 21	L.F.	12,600	\$7.21	\$90,846.00	\$7.25	\$91,350.00	\$8.00	\$100,800.00	\$9.55	\$120,330.00
3	8" D.I. Class 200,	L.F.	800	\$12.36	\$9,888.00	\$15.00	\$12,000.00	\$11.00	\$8,800.00	\$18.55	\$14,840.00
4	6" PVC, Class 200 SDR 21	L.F.	7,000	\$5.54	\$38,780.00	\$7.00	\$49,000.00	\$6.50	\$45,500.00	\$7.40	\$51,800.00
5	6" D.I., Class 50 Pipe	L.F.	300	\$10.34	\$3,102.00	\$14.50	\$4,350.00	\$9.00	\$2,700.00	\$15.30	\$4,590.00
6	4" PVC, Class 200, SDR 21	L.F.	12,100	\$3.06	\$37,026.00	\$4.60	\$55,660.00	\$5.00	\$60,500.00	\$4.55	\$55,055.00
7	2" PVC, Class 200, SDR 21	L.F.	800	\$2.60	\$2,080.00	\$4.00	\$3,200.00	\$3.85	\$3,080.00	\$3.85	\$3,080.00
8	14" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	455	\$80.00	\$36,400.00	\$75.00	\$34,125.00	\$80.00	\$36,400.00	\$70.00	\$31,850.00
9	12" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	115	\$75.00	\$8,625.00	\$65.00	\$7,475.00	\$70.00	\$8,050.00	\$60.00	\$6,900.00
10	10" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	110	\$75.00	\$8,250.00	\$55.00	\$6,050.00	\$70.00	\$7,700.00	\$55.00	\$6,050.00
11	4" Steel Cover Pipe Under State Maintained Roads Cut, Boring and Jacking	L.F.	30	\$40.00	\$1,200.00	\$30.00	\$900.00	\$70.00	\$2,100.00	\$25.00	\$750.00
12	Open Cut, Furnishing and Installing 14" Steel cover pipe	L.F.	200	\$20.00	\$4,000.00	\$30.00	\$6,000.00	\$40.00	\$8,000.00	\$45.00	\$9,000.00
13	Underground booster pump station to include but not	L.S.	1	\$50,900.00	\$50,900.00	\$36,110.00	\$36,110.00	\$40,000.00	\$40,000.00	\$45,500.00	\$45,500.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY	GROOMS CONST.		HP CONTRACTING, INC.		ALPHA RECLAM. & CON		D.F. BAILEY, INC.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	limited to 150 GPM pumps, piping, controls, capsule, heaters, fans, lights, ladder, dehumidifier, sump pump, valves concrete and conduit (complete in place)										
14	8" C.I. Gate Valve	EA.	24	\$503.00	\$12,072.00	\$470.00	\$11,280.00	\$650.00	\$15,600.00	\$515.00	\$12,360.00
15	6" C.I. Gate Valve	EA.	5	\$359.00	\$1,795.00	\$400.00	\$2,000.00	\$500.00	\$2,500.00	\$365.00	\$1,825.00
16	4" C.I. Gate Valve	EA.	9	\$281.00	\$2,529.00	\$370.00	\$3,330.00	\$425.00	\$3,825.00	\$305.00	\$2,745.00
17	2" C.I. Gate Valve	EA.	3	\$220.00	\$660.00	\$262.00	\$786.00	\$320.00	\$960.00	\$235.00	\$705.00
18	Customer Service with 5/8" meter, opp side of road	EA.	13	\$510.00	\$6,630.00	\$360.00	\$4,680.00	\$475.00	\$6,175.00	\$600.00	\$7,800.00
19	Customer service with 5/8" meter, same side of road	EA.	3	\$290.00	\$870.00	\$300.00	\$900.00	\$375.00	\$1,125.00	\$280.00	\$840.00
20	Customer Service with 5/8" meter, pressure regulator, same side as main, 10' service tubing	EA.	71	\$335.00	\$23,785.00	\$360.00	\$25,560.00	\$425.00	\$30,175.00	\$345.00	\$24,495.00
21	Customer Service with 5/8" meter, pressure regulator, opp side as main, 70' service tubing	EA.	41	\$567.00	\$23,247.00	\$545.00	\$22,345.00 *	\$525.00	\$21,525.00	\$660.00	\$27,060.00
22	Add'l 1" service tubing	L.F.	100	\$2.50	\$250.00	\$3.00	\$300.00	\$5.25	\$525.00	\$8.00	\$800.00
23	2" Blowoff Assembly	EA.	7	\$470.00	\$3,290.00	\$400.00	\$2,800.00	\$435.00	\$3,045.00	\$700.00	\$4,900.00
24	Add'l 3/4" service tubing	L.F.	500	\$2.20	\$1,100.00	\$2.50	\$1,250.00	\$5.15	\$2,575.00	\$6.00	\$3,000.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY	GROOMS CONST.		HP CONTRACTING, INC.		ALPHA RECLAM. & CON		D.F. BAILEY, INC.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
25	Fire hydrant assembly for water mains 6" and larger	EA.	8	\$1,460.00	\$11,680.00	\$1,380.00	\$11,040.00	\$1,600.00	\$12,800.00	\$1,500.00	\$12,000.00
26	Automatic Air Release Value Assembly and Box	EA.	4	\$392.00	\$1,568.00	\$390.00	\$1,560.00	\$475.00	\$1,900.00	\$355.00	\$1,420.00
27	Type A Creek Crossing	L.F.	174	\$30.00	\$5,220.00	\$15.50	\$2,697.00	\$30.00	\$5,220.00	\$45.00	\$7,830.00
28	Type B Creek Crossing	L.F.	74	\$40.00	\$2,960.00	\$35.00	\$2,590.00	\$40.00	\$2,960.00	\$60.00	\$4,440.00
29	Type C Creek Crossing	L.F.	60	\$80.00	\$4,800.00	\$125.00	\$7,500.00	\$50.00	\$3,000.00	\$120.00	\$7,200.00
30	Crushed stone on trench surface	L.F.	1,000	\$3.00	\$3,000.00	\$2.00	\$2,000.00	\$5.00	\$5,000.00	\$5.00	\$5,000.00
31	Bit. Paving Repl. on non-state maintained roads, street, and driveways	L.F.	710	\$7.00	\$4,970.00	\$4.75	\$3,372.50	\$10.00	\$7,100.00	\$10.00	\$7,100.00
32	Conc. Paving repl., 6" thick	L.F.	50	\$7.50	\$375.00	\$20.00	\$1,000.00	\$10.00	\$500.00	\$20.00	\$1,000.00
33	Radio Telemetering control system, serving two locations (tank and pump station) including all appurtenances, as shown on the plans and specs, complete in place	L.S.	1	\$15,000.00	\$15,000.00	\$22,645.00	\$22,645.00	\$30,000.00	\$30,000.00	\$23,000.00	\$23,000.00
TOTAL BID PRICE					\$807,698.00		\$822,255.50 *		\$890,140.00		\$975,265.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY.	KENNEY, INC.		WILLMOTT CONST.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	8" PVC Class 200 Pipe SDR 14 AWWA C-900	L.F.	40,000	\$14.70	\$588,000.00	\$13.00	\$520,000.00
2	8" PVC, Class 200, SDR 21	L.F.	12,600	\$10.85	\$136,710.00	\$10.50	\$132,300.00
3	8" D.I. Class 200,	L.F.	800	\$16.50	\$13,200.00	\$21.50	\$17,200.00
4	6" PVC, Class 200 SDR 21	L.F.	7,000	\$8.70	\$60,900.00	\$9.00	\$63,000.00
5	6" D.I., Class 50 Pipe	L.F.	300	\$13.80	\$4,140.00	\$15.00	\$4,500.00
6	4" PVC, Class 200, SDR 21	L.F.	12,100	\$3.50	\$42,350.00	\$8.00	\$96,800.00
7	2" PVC, Class 200, SDR 21	L.F.	800	\$2.60	\$2,080.00	\$6.00	\$4,800.00
8	14" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	455	\$115.70	\$52,643.50	\$120.00	\$54,600.00
9	12" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	115	\$66.80	\$7,682.00	\$110.00	\$12,650.00
10	10" Steel Cover Pipe Under State Maintained Roads, Boring and Jacking	L.F.	110	\$60.40	\$6,644.00	\$100.00	\$11,000.00
11	4" Steel Cover Pipe Under State Maintained Roads Cut, Boring and Jacking	L.F.	30	\$50.00	\$1,500.00	\$30.00	\$900.00
12	Open Cut, Furnishing and Installing 14" Steel cover pipe	L.F.	200	\$87.00	\$17,400.00	\$75.00	\$15,000.00
13	Underground booster pump station to include but not	L.S.	1	\$42,500.00	\$42,500.00	\$54,000.00	\$54,000.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY.	KENNEY, INC.		WILLMOTT CONST.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	limited to 150 GPM pumps, piping, controls, capsule, heaters, fans, lights, ladder, dehumidifier, sump pump, valves concrete and conduit (complete in place)						
14	8" C.I. Gate Valve	EA.	24	\$558.50	\$13,404.00	\$600.00	\$14,400.00
15	6" C.I. Gate Valve	EA.	5	\$392.00	\$1,960.00	\$450.00	\$2,250.00
16	4" C.I. Gate Valve	EA.	9	\$293.20	\$2,638.80	\$350.00	\$3,150.00
17	2" C.I. Gate Valve	EA.	3	\$217.00	\$651.00	\$250.00	\$750.00
18	Customer Service with 5/8" meter, opp side of road	EA.	13	\$639.60	\$8,314.80	\$600.00	\$7,800.00
19	Customer service with 5/8" meter, same side of road	EA.	3	\$364.00	\$1,092.00	\$300.00	\$900.00
20	Customer Service with 5/8" meter, pressure regulator, same side as main, 10' service tubing	EA.	71	\$437.80	\$31,083.80	\$1,000.00	\$71,000.00
21	Customer Service with 5/8" meter, pressure regulator, opp side as main, 70' service tubing	EA.	41	\$706.75	\$28,976.75	\$1,300.00	\$53,300.00
22	Add'l 1" service tubing	L.F.	100	\$2.35	\$235.00	\$6.00	\$600.00
23	2" Blowoff Assembly	EA.	7	\$588.70	\$4,120.90	\$300.00	\$2,100.00
24	Add'l 3/4" service tubing	L.F.	500	\$2.25	\$1,125.00	\$3.00	\$1,500.00

BID TABULATION
 CONTRACT IV
 PHASE III WATER SUPPLY PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	UNIT	QNTY.	KENNEY, INC.		WILLMOTT CONST.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
25	Fire hydrant assembly for water mains 6" and larger	EA.	8	\$1,660.00	\$13,280.00	\$2,000.00	\$16,000.00
26	Automatic Air Release Value Assembly and Box	EA.	4	\$451.00	\$1,804.00	\$300.00	\$1,200.00
27	Type A Creek Crossing	L.F.	174	\$21.20	\$3,688.80	\$50.00	\$8,700.00
28	Type B Creek Crossing	L.F.	74	\$20.50	\$1,517.00	\$75.00	\$5,550.00
29	Type C Creek Crossing	L.F.	60	\$92.50	\$5,550.00	\$150.00	\$9,000.00
30	Crushed stone on trench surface	L.F.	1,000	\$2.50	\$2,500.00	\$5.00	\$5,000.00
31	Bit. Paving Repl. on non-state maintained roads, street, and driveways	L.F.	710	\$27.70	\$19,667.00	\$20.00	\$14,200.00
32	Conc. Paving repl., 6" thick	L.F.	50	\$25.60	\$1,280.00	\$30.00	\$1,500.00
33	Radio Telemetering control system, serving two locations (tank and pump station) including all appurtenances, as shown on the plans and specs, complete in place	L.S.	1	\$17,800.00	\$17,800.00	\$48,000.00	\$48,000.00
TOTAL BID PRICE					\$1,136,438.35		\$1,253,650.00

* Indicates that in the Contractor's Bid Schedule there was a mistake

This is to certify that the above is an accurate tabulation to bids received on March 14, 1995 by the Morgan County Water District for the Phase III Water Supply Water Project.

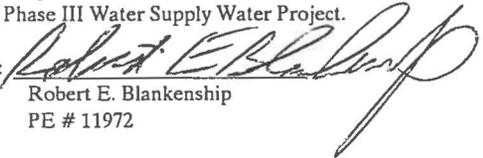
Signed: 
 Robert E. Blankenship
 PE # 11972

BID TABULATION
 CONTRACT V
 PHASE III WATER TANK PROJECT
 MORGAN COUNTY WATER DISTRICT

Bid Date: March 14, 1995

ITEM	DESCRIPTION	KENTUCKY GLASS LINED TANK		WELDING INC		LAUREL CONSTRUCTION	
		LUMP SUM	AMOUNT	LUMP SUM	AMOUNT	LUMP SUM	AMOUNT
1	A 150,000 gallon (nominal) storage tank including tank, tank foundation, site preparation, excavation, road and all appurtenances, as shown on the Plan and Specifications, complete in place.	1	\$147,958.00	1	\$186,000.00	1	\$191,000.00
TOTAL BID PRICE			\$147,958.00		\$186,000.00		\$191,000.00

This is to certify that the above is an accurate tabulation to bids received on March 14, 1995 by the Morgan County Water District for the Phase III Water Supply Water Project.

Signed: 
 Robert E. Blankenship
 PE # 11972

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FEB 19 1999
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FINAL ENGINEERING REPORT

WATER SYSTEM EXTENSIONS
KENTUCKY HWY 203/CASKEY FORK
MORGAN COUNTY WATER DISTRICT

FEBRUARY 11, 1999

*LOAN = 75,000
Grant 328,000 All*

PREPARED BY
MONARCH ENGINEERING, INC.



February 11, 1999

Mr. Earl Reed, Chairman
Morgan County Water District
450 Prestonsburg Street
West Liberty, KY 41472

Re: Water System Extensions
Kentucky Hwy. 203/ Caskey Fork Area

Dear Mr. Reed:

On February 9, 1999, bids were received by the Morgan County Water District for the extension of water service to serve the Highway 203/Casky Fork area. Fourteen bids were received and the lowest was submitted by BMW Construction, Inc. located in Owingsville, KY for an amount of \$225,244.00. Attached please find a copy of the summarized bid tabulation which outlines all of the bids received.

In reviewing the bid submitted by BMW. Construction, Inc., we have inquired as to their ability to perform the work and discovered that they are in the process of completing a project for the Magoffin County Water District. Due to our close relationship with the consulting engineer overseeing that project and also with a major equipment supplier who is providing equipment for the project we have been able to be informed straight forward as to the capability of the construction company to perform the work. Both references indicated that BMW Construction, Inc. had performed satisfactory work and to their knowledge all bills had been paid on schedule.

Based on the bid submitted and as per our investigation of the firm, we recommend the Morgan County Water District consider awarding a contract to BMW Construction, Inc. in the amount of \$225,244.00, contingent upon approval from Rural Development. Please find attached a Final Budget which indicates that there are sufficient funds in order to complete the project. In the event you concur please notify us so that we can proceed with the next step in preparation for construction.

Should you need additional information, please advise.

M

February 11, 1999
Page Two

Sincerely



David M. Bowles, P.E.

/dmb

cc Hon. Sid Stewart
Judge Executive

D. Joleen Frederick
Local Council

Randy Jones
Bond Council

Jane Brown
Rural Development

Dorothy Fannin Smith
Rural Development

1009 Industry Road
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

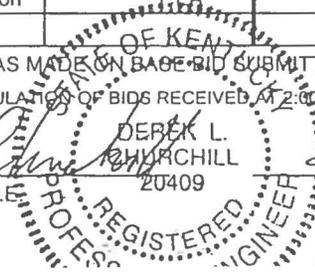
BID TABULATIONS
 MORGAN COUNTY WATER DISTRICT
 KENTUCKY HIGHWAY 203 CONNECTION
 MORGAN COUNTY, KENTUCKY
 BID DATE: FEBRUARY 9, 1999

ITEM NO.	DESCRIPTION	QUANTITY	BMW Construction, Inc.* P.O. Box 580 Owingsville, KY 40360		General Equipment/KinderCon. 6460 Flemingsburg Rd. Morehead, KY 40351		Garrison & Mitchum Const. 6960 Greensburg Road Greensburg, KY 42743	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE CONTRACT							
1	6-Inch PVC C900 CL200 WL	13,000 LF	\$4.25	\$55,250.00	\$5.05	\$65,650.00	\$4.90	\$63,700.00
2	6-Inch PVC SDR 17 WL	10,200 LF	3.22	32,844.00	3.96	40,392.00	4.10	41,820.00
3	4-Inch PVC C900 CL200 WL	3,000 LF	3.75	11,250.00	4.37	13,110.00	4.20	12,600.00
4	4-Inch PVC SDR17 WL	8,000 LF	4.50	36,000.00	3.40	27,200.00	3.10	24,800.00
5	3-Inch PVC SDR17 WL	2,000 LF	4.50	9,000.00	3.07	6,140.00	2.80	5,600.00
6	Bore & Case for 6-Inch WL	200 LF	35.00	7,000.00	66.36	13,272.00	52.00	10,400.00
7	Bore & Case for 4-Inch WL	70 LF	50.00	3,500.00	66.36	4,645.20	45.00	3,150.00
8	Bore & Case for 3-Inch WL	40 LF	50.00	2,000.00	66.36	2,654.40	40.00	1,600.00
9	6-Inch Creek Crossing	80 LF	20.00	1,600.00	14.89	1,191.20	40.00	3,200.00
10	4-Inch Creek Crossing	50 LF	30.00	1,500.00	14.89	744.50	38.00	1,900.00
11	6-Inch Gate Valve	4 EA	400.00	1,600.00	417.30	1,669.20	475.00	1,900.00
12	4-Inch Gate Valve	2 EA	500.00	1,000.00	332.37	664.74	395.00	790.00
13	3-Inch Gate Valve	1 EA	500.00	500.00	316.31	316.31	350.00	350.00
14	2-Way Flush Hydrant	6 EA	1,250.00	7,500.00	1,288.16	7,728.96	1,200.00	7,200.00
15	3-Inch Blow Off Assembly	1 EA	600.00	600.00	541.31	541.31	500.00	500.00
16	Air Release Valve	1 EA	500.00	500.00	185.60	185.60	300.00	300.00
17	6-Inch Isolation Valve	1 EA	1,200.00	1,200.00	678.14	678.14	650.00	650.00
18	4-Inch Isolation Valve	1 EA	1,200.00	1,200.00	618.21	618.21	600.00	600.00
19	Connections	2 EA	500.00	1,000.00	800.00	1,600.00	1,400.00	2,800.00
20	Tandem Meter Setting	28 EA	550.00	15,400.00	238.07	6,665.96	325.00	9,100.00
21	3/4-Inch Service Tubing	2,800 LF	3.50	9,800.00	2.69	7,532.00	1.80	5,040.00
22	25 GPM Booster Pump Station	1 EA	25,000.00	25,000.00	38,000.00	38,000.00	45,263.00	45,263.00
	TOTAL BASE CONTRACT			\$225,244.00		\$241,199.73		\$243,263.00

* DENOTES AN ARITHMETIC ERROR WAS MADE ON BASE BID SUBMITTED, AMOUNT HAS BEEN CORRECTED TO REFLECT UNIT PRICE SUBMITTED.

THE ABOVE IS A TRUE AND COMPLETE TABULATION OF BIDS RECEIVED AT 2:00 P.M., LOCAL TIME, TUESDAY, FEBRUARY 9, 1999 AT THE COMMUNITY CENTER BUILDING, WEST LIBERTY, KY.

BY: Derek L. Churchill
 DEREK L. CHURCHILL
 20409
 DATE: 2/10/99



1009 Industry Road

Lawrenceburg, KY 40342

Phone (502) 839-1310

Fax (502) 839-1373

BID TAVLATIONS
MORGAN COUNTY WATER DISTRICT
KENTUCKY HIGHWAY 203 CONNECTION
MORGAN COUNTY, KENTUCKY
BID DATE: FEBRUARY 9, 1999

ITEM NO.	DESCRIPTION	QUANTITY	D.F. Bailey, Inc. 3053 US 60 East, P.O. Box 439 Owingsville, KY 40360		R. Risner Construction 325 Dixie Lane West Liberty, KY 41472		Staton's Construction 284 Moores Ferry Road Salt Lick, KY 40371	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE CONTRACT							
1	6-Inch PVC C900 CL200 WL	13,000 LF	\$5.00	\$65,000.00	\$5.38	\$69,940.00	\$5.00	\$65,000.00
2	6-Inch PVC SDR 17 WL	10,200 LF	4.45	45,390.00	4.85	49,470.00	4.00	40,800.00
3	4-Inch PVC C900 CL200 WL	3,000 LF	3.95	11,850.00	3.29	9,870.00	4.00	12,000.00
4	4-Inch PVC SDR17 WL	8,000 LF	3.50	28,000.00	2.87	22,960.00	4.00	32,000.00
5	3-Inch PVC SDR17 WL	2,000 LF	3.20	6,400.00	2.54	5,080.00	3.25	6,500.00
6	Bore & Case for 6-Inch WL	200 LF	45.00	9,000.00	50.00	10,000.00	55.00	11,000.00
7	Bore & Case for 4-Inch WL	70 LF	35.00	2,450.00	45.00	3,150.00	45.00	3,150.00
8	Bore & Case for 3-Inch WL	40 LF	35.00	1,400.00	45.00	1,800.00	45.00	1,800.00
9	6-Inch Creek Crossing	80 LF	35.00	2,800.00	30.00	2,400.00	50.00	4,000.00
10	4-Inch Creek Crossing	50 LF	30.00	1,500.00	50.00	2,500.00	50.00	2,500.00
11	6-Inch Gate Valve	4 EA	410.00	1,640.00	400.00	1,600.00	400.00	1,600.00
12	4-Inch Gate Valve	2 EA	325.00	650.00	350.00	700.00	350.00	700.00
13	3-Inch Gate Valve	1 EA	300.00	300.00	325.00	325.00	320.00	320.00
14	2-Way Flush Hydrant	6 EA	1,550.00	9,300.00	1,600.00	9,600.00	1,350.00	8,100.00
15	3-Inch Blow Off Assembly	1 EA	650.00	650.00	600.00	600.00	450.00	450.00
16	Air Release Valve	1 EA	300.00	300.00	500.00	500.00	300.00	300.00
17	6-Inch Isolation Valve	1 EA	675.00	675.00	800.00	800.00	625.00	625.00
18	4-Inch Isolation Valve	1 EA	600.00	600.00	700.00	700.00	550.00	550.00
19	Connections	2 EA	1,500.00	3,000.00	1,800.00	3,600.00	1,500.00	3,000.00
20	Tandem Meter Setting	28 EA	300.00	8,400.00	400.00	11,200.00	325.00	9,100.00
21	3/4-Inch Service Tubing	2,800 LF	3.00	8,400.00	4.00	11,200.00	3.50	9,800.00
22	25 GPM Booster Pump Station	1 EA	51,000.00	51,000.00	41,000.00	41,000.00	50,000.00	50,000.00
	TOTAL BASE CONTRACT			\$258,705.00		\$258,995.00		\$263,295.00

1009 Industry Road
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

BID TAULATIONS
MORGAN COUNTY WATER DISTRICT
KENTUCKY HIGHWAY 203 CONNECTION
MORGAN COUNTY, KENTUCKY
BID DATE: FEBRUARY 9, 1999

ITEM NO.	DESCRIPTION	QUANTITY	G&W Construction Co., Inc. 6730 Flemingsburg Road Morehead, KY 40351		Allen's Construction Co. P.O. Box 541 West Liberty, KY 41472		Johnny Robinson Construction Box 414 Enterprise Road South Shore, KY 41175	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE CONTRACT							
1	6-Inch PVC C900 CL200 WL	13,000 LF	\$5.36	\$69,680.00	\$5.25	\$68,250.00	\$5.50	\$71,500.00
2	6-Inch PVC SDR 17 WL	10,200 LF	4.81	49,062.00	4.85	49,470.00	5.30	54,060.00
3	4-Inch PVC C900 CL200 WL	3,000 LF	4.14	12,420.00	4.16	12,480.00	4.30	12,900.00
4	4-Inch PVC SDR17 WL	8,000 LF	3.67	29,360.00	3.93	31,440.00	4.00	32,000.00
5	3-Inch PVC SDR17 WL	2,000 LF	3.39	6,780.00	3.53	7,060.00	3.80	7,600.00
6	Bore & Case for 6-Inch WL	200 LF	65.00	13,000.00	65.00	13,000.00	70.00	14,000.00
7	Bore & Case for 4-Inch WL	70 LF	60.00	4,200.00	60.00	4,200.00	50.00	3,500.00
8	Bore & Case for 3-Inch WL	40 LF	50.00	2,000.00	60.00	2,400.00	40.00	1,600.00
9	6-Inch Creek Crossing	80 LF	45.00	3,600.00	45.00	3,600.00	20.00	1,600.00
10	4-Inch Creek Crossing	50 LF	40.00	2,000.00	40.00	2,000.00	20.00	1,000.00
11	6-Inch Gate Valve	4 EA	408.87	1,635.48	680.68	2,722.72	300.00	1,200.00
12	4-Inch Gate Valve	2 EA	348.91	697.82	567.60	1,135.20	250.00	500.00
13	3-Inch Gate Valve	1 EA	320.79	320.79	493.30	493.30	200.00	200.00
14	2-Way Flush Hydrant	6 EA	1,567.20	9,403.20	1,099.10	6,594.60	1,500.00	9,000.00
15	3-Inch Blow Off Assembly	1 EA	552.45	552.45	650.00	650.00	300.00	300.00
16	Air Release Valve	1 EA	284.55	284.55	360.48	360.48	250.00	250.00
17	6-Inch Isolation Valve	1 EA	786.62	786.62	534.68	534.68	550.00	550.00
18	4-Inch Isolation Valve	1 EA	715.77	715.77	415.06	415.06	450.00	450.00
19	Connections	2 EA	1,221.28	2,442.56	1,500.00	3,000.00	700.00	1,400.00
20	Tandem Meter Setting	28 EA	312.83	8,759.24	414.78	11,613.84	300.00	8,400.00
21	3/4-Inch Service Tubing	2,800 LF	2.66	7,448.00	2.75	7,700.00	3.50	9,800.00
22	25 GPM Booster Pump Station	1 EA	42,851.52	42,851.52	39,550.00	39,550.00	38,000.00	38,000.00
	TOTAL BASE CONTRACT			\$268,000.00		\$268,669.88		\$269,810.00

1009 Industry Road

Lawrenceburg, KY 40342

Phone (502) 839-1310

Fax (502) 839-1373

BID TAVLATIONS
MORGAN COUNTY WATER DISTRICT
KENTUCKY HIGHWAY 203 CONNECTION
MORGAN COUNTY, KENTUCKY
BID DATE: FEBRUARY 9, 1999

ITEM NO.	DESCRIPTION	QUANTITY	K. Carrender Construction Co., Inc. 200 Ringgold Road Somerset, KY 42503		Akins Excavating Co., Inc. 228 Akins Lane Corbin, KY 40701		Clay Pipeline, Inc. Rt.8 Box 70, Fox Hollow Rd. Manchester, KY 40962	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE CONTRACT							
1	6-Inch PVC C900 CL200 WL	13,000 LF	\$5.55	\$72,150.00	\$5.00	\$65,000.00	\$5.75	\$74,750.00
2	6-Inch PVC SDR 17 WL	10,200 LF	5.50	56,100.00	4.50	45,900.00	5.25	53,550.00
3	4-Inch PVC C900 CL200 WL	3,000 LF	4.00	12,000.00	4.25	12,750.00	4.50	13,500.00
4	4-Inch PVC SDR17 WL	8,000 LF	4.00	32,000.00	4.00	32,000.00	4.15	33,200.00
5	3-Inch PVC SDR17 WL	2,000 LF	3.00	6,000.00	3.00	6,000.00	3.85	7,700.00
6	Bore & Case for 6-Inch WL	200 LF	48.00	9,600.00	80.00	16,000.00	42.00	8,400.00
7	Bore & Case for 4-Inch WL	70 LF	44.00	3,080.00	75.00	5,250.00	35.00	2,450.00
8	Bore & Case for 3-Inch WL	40 LF	42.00	1,680.00	70.00	2,800.00	35.00	1,400.00
9	6-Inch Creek Crossing	80 LF	50.00	4,000.00	40.00	3,200.00	22.00	1,760.00
10	4-Inch Creek Crossing	50 LF	50.00	2,500.00	35.00	1,750.00	22.00	1,100.00
11	6-Inch Gate Valve	4 EA	375.00	1,500.00	450.00	1,800.00	500.00	2,000.00
12	4-Inch Gate Valve	2 EA	300.00	600.00	400.00	800.00	450.00	900.00
13	3-Inch Gate Valve	1 EA	250.00	250.00	350.00	350.00	450.00	450.00
14	2-Way Flush Hydrant	6 EA	1,500.00	9,000.00	1,400.00	8,400.00	1,250.00	7,500.00
15	3-Inch Blow Off Assembly	1 EA	500.00	500.00	1,000.00	1,000.00	430.00	430.00
16	Air Release Valve	1 EA	500.00	500.00	400.00	400.00	330.00	330.00
17	6-Inch Isolation Valve	1 EA	600.00	600.00	750.00	750.00	625.00	625.00
18	4-Inch Isolation Valve	1 EA	450.00	450.00	750.00	750.00	550.00	550.00
19	Connections	2 EA	800.00	1,600.00	2,000.00	4,000.00	875.00	1,750.00
20	Tandem Meter Setting	28 EA	350.00	9,800.00	500.00	14,000.00	410.00	11,480.00
21	3/4-Inch Service Tubing	2,800 LF	3.00	8,400.00	3.00	8,400.00	3.50	9,800.00
22	25 GPM Booster Pump Station	1 EA	38,000.00	38,000.00	45,000.00	45,000.00	45,000.00	45,000.00
	TOTAL BASE CONTRACT			\$270,310.00		\$276,300.00		\$278,625.00

BID TAVLATIONS
MORGAN COUNTY WATER DISTRICT
KENTUCKY HIGHWAY 203 CONNECTION
MORGAN COUNTY, KENTUCKY
BID DATE: FEBRUARY 9, 1999

ITEM NO.	DESCRIPTION	QUANTITY	Perkins Excavating, Inc. 205 Sour Springs Road Olympia, KY 40358		Alpha Reclamation Con. Inc. 900 Sewell Shop Rd. Winchester, KY 40391	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE CONTRACT					
1	6-Inch PVC C900 CL200 WL	13,000 LF	\$5.85	\$76,050.00	\$6.00	\$78,000.00
2	6-Inch PVC SDR 17 WL	10,200 LF	5.40	55,080.00	6.00	61,200.00
3	4-Inch PVC C900 CL200 WL	3,000 LF	4.60	13,800.00	4.30	12,900.00
4	4-Inch PVC SDR17 WL	8,000 LF	4.20	33,600.00	4.00	32,000.00
5	3-Inch PVC SDR17 WL	2,000 LF	3.95	7,900.00	3.65	7,300.00
6	Bore & Case for 6-Inch WL	200 LF	55.00	11,000.00	75.00	15,000.00
7	Bore & Case for 4-Inch WL	70 LF	50.00	3,500.00	60.00	4,200.00
8	Bore & Case for 3-Inch WL	40 LF	45.00	1,800.00	60.00	2,400.00
9	6-Inch Creek Crossing	80 LF	70.00	5,600.00	70.00	5,600.00
10	4-Inch Creek Crossing	50 LF	65.00	3,250.00	60.00	3,000.00
11	6-Inch Gate Valve	4 EA	325.00	1,300.00	500.00	2,000.00
12	4-Inch Gate Valve	2 EA	285.00	570.00	400.00	800.00
13	3-Inch Gate Valve	1 EA	265.00	265.00	300.00	300.00
14	2-Way Flush Hydrant	6 EA	1,150.00	6,900.00	1,500.00	9,000.00
15	3-Inch Blow Off Assembly	1 EA	425.00	425.00	400.00	400.00
16	Air Release Valve	1 EA	225.00	225.00	350.00	350.00
17	6-Inch Isolation Valve	1 EA	450.00	450.00	700.00	700.00
18	4-Inch Isolation Valve	1 EA	400.00	400.00	600.00	600.00
19	Connections	2 EA	1,025.00	2,050.00	1,000.00	2,000.00
20	Tandem Meter Setting	28 EA	315.00	8,820.00	400.00	11,200.00
21	3/4-Inch Service Tubing	2,800 LF	2.45	6,860.00	2.50	7,000.00
22	25 GPM Booster Pump Station	1 EA	39,350.00	39,350.00	42,000.00	42,000.00
	TOTAL BASE CONTRACT			\$279,195.00		\$297,950.00

FINAL BUDGET
KENTUCKY HIGHWAY 203/CASKEY FORK
WATER LINE EXTENSION
MORGAN COUNTY WATER DISTRICT
FEBRUARY 11, 1999

PROJECT COSTS

DEVELOPMENT	\$225,244.00
CONTINGENCY	130,796.89
ENGINEERING DESIGN	24,687.15
CONSTRUCTION INSPECTION	20,271.96
LEGAL	5,000.00
INTEREST	3,000.00
LAND	2,000.00
	<u>\$411,000.00</u>

FINANCING

APPLICANT CONTRIBUTION	\$8,000.00	9
RUS LOAN	75,000.00	✓
ARC GRANT	328,000.00	✓
	<u>\$411,000.00</u>	

(4)

FINAL
ENGINEERING REPORT

Phase VI

For

Phase 6 – Kentucky 172 Water Project
Morgan County, Kentucky

For

Morgan County Water District

October, 2000

Prepared by:

PEH Engineers, Inc.
1525 Bull Lea Road, Suite 100
Lexington, Kentucky 40511

1. PURPOSE OF THE REPORT:

The purpose of this report is to define the project, compare the bids received to the estimated construction cost and review the project budget.

2. SCOPE OF THE PROJECT:

The project was bid as one contract:

Contract #1: Consists of extending existing water lines along KY 172 into Johnson County and connect to the existing Paintsville Utilities' system. Also included in this contract is a new line along KY 437 looping to KY 172, a new booster pumping station, a new hydropneumatic type booster pumping station, chlorine booster station and adding a telemetry system to control one existing tank and one new booster pumping station. Water will be supplied by Paintsville Utilities and they will control the booster pumping station via their telemetry system.

3. CONSTRUCTION BIDS:

The Engineer's final opinion of probable construction cost was as follows:

Total Estimated Construction Cost – Contract #1 \$ 1,496,910.00

The lowest bid received were as follows:

Contract #1 - G. & W. Construction \$ 1,247,000.00

4. PROJECT COSTS:

The total opinion of probable project costs based on the bids, which consists of both construction and non-construction items is presented as follows:

Construction Cost	\$ 1,247,000.00
Basic Engineering	98,200.00
Preliminary Engineering Report	8,000.00
Resident Observation	54,300.00
Additional Services	20,000.00
Acquisition	10,000.00
Planning	8,000.00
Legal and Admin.	25,000.00
Interest	<u>10,000.00</u>
Total (less contingencies)	\$ 1,480,500.00

5. AVAILABLE PROJECT FUNDING:

Available project funding is as follows:

Rural Development Loan	\$	332,000
Rural Development Grant		847,000
ARC Grant		500,000
Local Contribution		<u>64,750</u>
Total Funds Available	\$	1,743,750

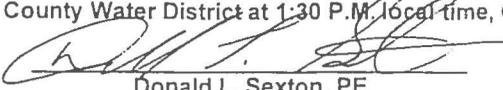
This leaves approximately \$ 263,250 available for contingencies. It is anticipated that any excess funds can be utilized by change orders to extend service into other areas and/or as other system improvements.

		Engineer's Estimate	G & W Construction Co., 6730 Flemingsburg Road Morehead, KY 40351	Hawkeye Construction, P.O. Box 1200 Robinson Creek, KY	Akins Excavating Co., Inc. 228 Akins Lane Corbin, KY 40701	D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360	Alpha 989 L Shelt					
#	ITEM	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE

Division B - Additive Alternate #1 - Increasing size of line on KY 172 from 6" to 8".

1B. Additional cost for using 8" PVC AWWA C900, DR 14 pipe in lieu of 6" PVC AWWA C900, DR 14 pipe in item #1 - Division A.	41,950	LF	\$ 3.00	\$ 125,850.00	\$ 3.14	\$ 131,723.00	\$ 1.85	\$ 77,607.50	\$ 2.80	\$ 117,460.00	\$ 4.00	\$ 167,600.00	\$
2B. Additional cost for using 8" Class 51 ductile iron pipe in lieu of 6" Class 51 ductile iron pipe in item #2 - Division A.	800	LF	\$ 5.00	\$ 4,000.00	\$ 4.78	\$ 3,824.00	\$ 2.26	\$ 1,808.00	\$ 2.35	\$ 1,880.00	\$ 4.80	\$ 3,840.00	\$
3B. Additional cost for using 8" PVC AWWA C900, DR 18 pipe in lieu of 6" PVC AWWA C900, DR 18 pipe in item #3 - Division A.	37,740	LF	\$ 3.00	\$ 113,220.00	\$ 2.66	\$ 100,388.40	\$ 1.69	\$ 63,780.60	\$ 4.50	\$ 169,830.00	\$ 3.30	\$ 124,542.00	\$
8B. Additional cost for using 8" C.I. AWWA NRS gate valves and box in lieu of 6" C.I. AWWA NRS gate valve and box in item #8 - Division A.	15	EA	\$ 150.00	\$ 2,250.00	\$ 200.52	\$ 3,007.80	\$ 143.02	\$ 2,145.30	\$ 185.00	\$ 2,775.00	\$ 177.10	\$ 2,656.50	\$
TOTAL OF DIVISION B				\$ 245,320.00		\$ 238,943.20		\$ 145,341.40		\$ 291,945.00		\$ 298,838.50	

		Engineer's Estimate		G & W Construction Co., 6730 Flemingsburg Road Morehead, KY 40351		Hawkeye Construction, P.O. Box 1200 Robinson Creek, KY		Akins Excavating Co., Inc. 228 Akins Lane Corbin, KY 40701		D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360		Alpha 989 L Shelt	
#	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	13. Concrete pavement replacement for roads, streets and driveways and sidewalks where directed by the ENGINEER.	100	LF	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00	\$ 12.00	\$ 1,200.00	\$ 28.25	\$ 2,825.00
	14. Cut-in to all size existing water mains, complete in place.	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 1,500.00	\$ 3,000.00	\$ 5,000.00	\$ 10,000.00	\$ 1,500.00	\$ 3,000.00	\$ 802.20	\$ 1,604.40
	15. 6" flush hydrant assembly, including anchoring tee, fitting and pipe, mechanical joint gate valve and box, complete in place.	18	EA	\$ 2,000.00	\$ 36,000.00	\$ 1,556.46	\$ 28,016.24	\$ 2,311.86	\$ 41,613.48	\$ 1,900.00	\$ 34,200.00	\$ 1,886.45	\$ 33,956.10
	16. Meter assembly at creek crossings as per detail complete in place.	3	EA	\$ 1,000.00	\$ 3,000.00	\$ 797.91	\$ 2,393.73	\$ 719.94	\$ 2,159.82	\$ 750.00	\$ 2,250.00	\$ 700.50	\$ 2,101.50
	17. Customer services same side of the road as main, complete in place as per detail.	4	EA	\$ 450.00	\$ 1,800.00	\$ 294.74	\$ 1,178.96	\$ 145.28	\$ 581.12	\$ 450.00	\$ 1,800.00	\$ 270.45	\$ 1,081.80
	18. Customer services opposite side of road as main, complete in place, as per detail.	4	EA	\$ 550.00	\$ 2,200.00	\$ 458.10	\$ 1,832.40	\$ 495.28	\$ 1,981.12	\$ 500.00	\$ 2,000.00	\$ 432.55	\$ 1,730.20
	19. Customer services same side of road as main with tandem meter setter and individual pressure reducing valve, complete in place, as per detail.	121	EA	\$ 525.00	\$ 63,525.00	\$ 365.10	\$ 44,177.10	\$ 399.22	\$ 48,305.62	\$ 500.00	\$ 60,500.00	\$ 324.05	\$ 39,210.05
	20. Customer services opposite side of road as main with tandem meter setter and individual pressure reducing valve, complete in place as per detail.	70	EA	\$ 625.00	\$ 43,750.00	\$ 530.68	\$ 37,147.60	\$ 749.22	\$ 52,445.40	\$ 550.00	\$ 38,500.00	\$ 486.20	\$ 34,034.00
	21. Additional 1" service pipe, furnishing, trenching, laying and backfilling where required in addition to items 16, 17, 18 and 19.	1,000	LF	\$ 3.50	\$ 3,500.00	\$ 2.72	\$ 2,720.00	\$ 0.30	\$ 300.00	\$ 4.00	\$ 4,000.00	\$ 4.10	\$ 4,100.00
	22. Automatic air release valve assembly and box complete in place as per detail.	3	EA	\$ 700.00	\$ 2,100.00	\$ 443.61	\$ 1,330.83	\$ 264.32	\$ 792.96	\$ 500.00	\$ 1,500.00	\$ 317.65	\$ 952.95
	23. Telemetry system as specified, furnishing, installing, testing, complete in place.	1	EA	\$ 35,000.00	\$ 35,000.00	\$ 35,320.00	\$ 35,320.00	\$ 32,560.55	\$ 32,560.55	\$ 35,184.00	\$ 35,184.00	\$ 35,167.95	\$ 35,167.95
	24. Furnish and install master meter vault including structure, equipment and all appurtenances complete in place as planned and specified.	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 15,274.90	\$ 15,274.90	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 19,526.25	\$ 19,526.25

<p style="text-align: center;">BID TABULATION Phase 6 - Kentucky 172 Water Project - Contract #1 Morgan County Water District</p>				<p>PEH Engineers 1525 Bull Lea Rd. Suite 100 Lexington, Kentucky 40511 859-225-8500</p>				<p>The following information is a true and complete tabulation of the bids received for the above project at the Morgan County Water District at 1:30 P.M. local time, (C) by:</p> <p style="text-align: center;"> Donald L. Sexton, PE</p>					
		Engineer's Estimate		G & W Construction Co., 6730 Flemingsburg Road Morehead, KY 40351		Hawkeye Construction, P.O. Box 1200 Robinson Creek, KY		Akins Excavating Co., Inc. 228 Akins Lane Corbin, KY 40701		D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360		Alpi 989 She	
#	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE

Division A - Base Bid

1.	6" PVC AWWA C900, DR 14 pipe furnishing, trenching, laying and backfilling. (Unclassified Excavation)	78,080	LF	\$ 7.00	\$ 546,560.00	\$ 5.96	\$ 465,356.80	\$ 6.48	\$ 505,958.40	\$ 7.20	\$ 562,176.00	\$ 7.85	\$ 612,928.00	\$
2.	6" Class 51 ductile iron pipe, furnishing, trenching, laying and backfilling. (Unclassified excavation)	1,520	LF	\$ 15.00	\$ 22,800.00	\$ 11.15	\$ 16,948.00	\$ 15.00	\$ 22,800.00	\$ 11.20	\$ 17,024.00	\$ 13.35	\$ 20,292.00	\$
3.	6" PVC AWWA C900, DR 18 pipe, furnishing, trenching, laying and backfilling. (Unclassified excavation)	66,600	LF	\$ 6.75	\$ 449,550.00	\$ 5.29	\$ 352,314.00	\$ 6.00	\$ 399,600.00	\$ 6.50	\$ 432,900.00	\$ 7.10	\$ 472,860.00	\$
4.	12" steel cover pipe, furnishing and installing under state maintained roads, including unclassified boring and/or jacking. (Water pipe not included)	255	LF	\$ 110.00	\$ 28,050.00	\$ 60.00	\$ 15,300.00	\$ 80.00	\$ 20,400.00	\$ 120.00	\$ 30,600.00	\$ 77.65	\$ 19,800.75	\$
5.	12" PVC SDR 35 casing pipe at creek crossings, including furnishing and installing	40	LF	\$ 25.00	\$ 1,000.00	\$ 30.00	\$ 1,200.00	\$ 7.00	\$ 280.00	\$ 15.00	\$ 600.00	\$ 17.40	\$ 696.00	\$
6.	Extra for creek crossing with concrete cap, complete in place as per detail.	225	LF	\$ 75.00	\$ 16,875.00	\$ 30.00	\$ 6,750.00	\$ 60.00	\$ 13,500.00	\$ 18.00	\$ 4,050.00	\$ 53.60	\$ 12,060.00	\$
7.	Extra for creek crossing with crushed rock, complete in place as per detail.	270	LF	\$ 50.00	\$ 13,500.00	\$ 20.00	\$ 5,400.00	\$ 23.00	\$ 6,210.00	\$ 12.00	\$ 3,240.00	\$ 53.35	\$ 14,404.50	\$
8.	6" C.I. AWWA NRS gate valve and box, complete in place.	29	EA	\$ 500.00	\$ 14,500.00	\$ 417.56	\$ 12,109.24	\$ 557.60	\$ 16,170.40	\$ 512.00	\$ 14,848.00	\$ 422.15	\$ 12,242.35	\$
9.	6" unclassified bore and/or jack under private drives where directed by the Engineer. (Water pipe not included)	575	LF	\$ 50.00	\$ 28,750.00	\$ 20.00	\$ 11,500.00	\$ 60.00	\$ 34,500.00	\$ 45.00	\$ 25,875.00	\$ 22.85	\$ 13,138.75	\$
10.	Crushed rock on trench surface at roadway crossings, streets and driveways.	2,290	LF	\$ 5.00	\$ 11,450.00	\$ 0.50	\$ 1,145.00	\$ 6.00	\$ 13,740.00	\$ 4.00	\$ 9,160.00	\$ 4.35	\$ 9,961.50	\$
11.	Crushed rock trench backfill for roadway crossings, streets and driveways where directed by the Engineer.	2,000	TON	\$ 18.00	\$ 36,000.00	\$ 15.00	\$ 30,000.00	\$ 17.00	\$ 34,000.00	\$ 15.00	\$ 30,000.00	\$ 21.75	\$ 43,500.00	\$
12.	Bituminous pavement at roadway crossings, streets and driveways.	330	LF	\$ 20.00	\$ 6,600.00	\$ 20.00	\$ 6,600.00	\$ 20.00	\$ 6,600.00	\$ 8.00	\$ 2,640.00	\$ 21.70	\$ 7,161.00	\$

		Engineer's Estimate		G & W Construction Co., 6730 Flemingsburg Road Morehead, KY 40351		Hawkeye Construction, P.O. Box 1200 Robinson Creek, KY		Akins Excavating Co., Inc. 228 Akins Lane Corbin, KY 40701		D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360		Alpha 989 L Shelt	
#	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
25.	Furnish and install (KY 172) booster pumping station, including all equipment, electrical, foundation, site work, piping, valves, unclassified excavation and appurtenances as planned and specified.	1	EA	\$ 50,000.00	\$ 50,000.00	\$ 48,224.45	\$ 48,224.45	\$ 45,479.00	\$ 45,479.00	\$ 48,000.00	\$ 48,000.00	\$ 43,658.25	\$ 43,658.25
26.	Furnish and Install (Ky 437) Hydopneumatic Booster Pumping Station, including all equipment, electrical, foundation, site work, piping, unclassified excavation and appurtenances, complete in place as planned and specified.	1	EA	\$ 40,000.00	\$ 40,000.00	\$ 56,423.55	\$ 56,423.55	\$ 50,290.00	\$ 50,290.00	\$ 60,000.00	\$ 60,000.00	\$ 52,680.95	\$ 52,680.95
27.	Furnish and install chlorine injector station at existing KY 172 storage tank, including all equipment, electrical, foundation, site work, piping and appurtenances, complete in place as planned and specified.	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 36,367.20	\$ 36,367.20	\$ 36,867.20	\$ 36,867.20	\$ 40,000.00	\$ 40,000.00	\$ 38,482.00	\$ 38,482.00
28.	Furnish a back-up pump and motor compatible to the pumps in the existing KY 172 pumping station located in Johnson County. The existing pumps are "Peabody Floway" 6 LKM - 7 stage vertical turbine pumps, 124 gpm @ 336 ft. T.D.H., 15 H.P., 3500 RPM, 220 volt, 3 phase.	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 6,000.00	\$ 6,000.00	\$ 4,400.00	\$ 4,400.00	\$ 4,876.00	\$ 4,876.00	\$ 5,037.75	\$ 5,037.75
TOTAL BASE BID - CONTRACT # 1					\$ 1,496,910.00		\$ 1,247,030.00		\$ 1,414,535.07		\$ 1,485,123.00		\$ 1,555,194.00

NO.	ITEM	QUANT.	UNIT	R. RISNER CONSTRUCTION INC.		G & W CONSTRUCTION CO., INC.		ENGINEER'S ESTIMATE		STATON'S CONSTRUCTION CO.		D.F. BAILEY, INC.		FREDERJCK'S & MAY CONSTRUCTION CO., INC.		E&D MOUNTAIN VIEW CONSTRUCTION, INC.		STOTTS CONSTRUCTION CO., INC.		JOHNNY ROBINSON		A. MAYS CONSTRUCTION CO., INC.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
23	Gravel Replacement	1,800	L.F.	15.00	\$27,000.00	5.00	\$9,000.00	4.00	\$7,200.00	8.50	\$15,300.00	7.60	\$13,680.00	10.00	\$18,000.00	9.00	\$16,200.00	15.00	\$27,000.00	10.00	\$18,000.00	15.00	\$27,000.00
24	Connection to Existing Main Lines	5	EA.	1,600.00	\$8,000.00	1,500.00	\$7,500.00	1,000.00	\$5,000.00	1,800.00	\$9,000.00	1,000.00	\$5,000.00	1,300.00	\$6,500.00	2,500.00	\$12,500.00	1,200.00	\$6,000.00	700.00	\$3,500.00	1,250.00	\$6,250.00
25	Service Tubing	1,000	L.F.	3.00	\$3,000.00	3.16	\$3,160.00	3.50	\$3,500.00	3.50	\$3,500.00	4.50	\$4,500.00	1.25	\$1,250.00	3.50	\$3,500.00	2.50	\$2,500.00	5.00	\$5,000.00	6.00	\$6,000.00
26	Pump Station	1	EA.	69,000.00	\$69,000.00	76,063.08	\$76,063.08	70,000.00	\$70,000.00	75,000.00	\$75,000.00	75,239.00	\$75,239.00	78,650.00	\$78,650.00	90,000.00	\$90,000.00	85,000.00	\$85,000.00	70,000.00	\$70,000.00	85,000.00	\$85,000.00
27	Pressure Reducing Station	1	EA.	8,000.00	\$8,000.00	11,556.08	\$11,556.08	10,000.00	\$10,000.00	6,700.00	\$6,700.00	13,524.00	\$13,524.00	6,900.00	\$6,900.00	13,000.00	\$13,000.00	12,000.00	\$12,000.00	7,500.00	\$7,500.00	10,000.00	\$10,000.00
28	Air Relief Valves	8	EA.	400.00	\$3,200.00	335.66	\$2,685.28	300.00	\$2,400.00	250.00	\$2,000.00	217.00	\$1,736.00	400.00	\$3,200.00	500.00	\$4,000.00	350.00	\$2,800.00	400.00	\$3,200.00	400.00	\$3,200.00
TOTAL BID PRICE					\$667,858.50		\$723,700.00		\$766,995.00		\$773,362.50		\$777,926.50		\$816,332.50		\$886,942.50		\$956,770.00		\$1,010,490.00		\$1,040,675.00

We certify that, to the best of our knowledge, the above bid tabulation is an accurate representation of the bids received on February 12, 2002.

David Ray Coe
 CANN-TECH, LLC BY:

BID TABULATION
 EZEL PROJECT
 MORGAN COUNTY WATER DISTRICT
 February 12, 2002

NO.	ITEM	QUANT.	UNIT	R. RISNER CONSTRUCTION INC.		G & W CONSTRUCTION CO., INC.		ENGINEER'S ESTIMATE		STATON'S CONSTRUCTION CO.		D.F. BAILEY, INC.		FREDERICK'S & MAY CONSTRUCTION CO., INC.		E&D MOUNTAIN VIEW CONSTRUCTION, INC.		STOTTS CONSTRUCTION CO., INC.		JOHNNY ROBINSON		A. MAYS CONSTRUCTION CO., INC.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	6-in. PVC SDR 17 Class 250 p.s.i.	34,000	LF.	\$4.57	\$155,380.00	\$4.82	\$163,880.00	\$6.00	\$204,000.00	\$4.85	\$164,900.00	\$5.40	\$183,600.00	\$5.65	\$192,100.00	\$6.30	\$214,200.00	\$6.55	\$222,700.00	\$7.50	\$255,000.00	\$7.50	\$255,000.00
2	6-in. PVC SDR 21 Class 200 p.s.i.	26,000	LF.	4.16	\$108,160.00	4.60	\$119,600.00	5.00	\$130,000.00	4.65	\$120,900.00	5.20	\$135,200.00	5.41	\$140,660.00	5.75	\$149,500.00	6.35	\$165,100.00	7.00	\$182,000.00	7.25	\$188,500.00
3	6-in. D.I. Class 350 p.s.i.	650	LF.	15.79	\$10,263.50	12.31	\$8,001.50	10.00	\$6,500.00	15.05	\$9,782.50	11.55	\$7,507.50	11.65	\$7,572.50	12.75	\$8,287.50	12.00	\$7,800.00	11.00	\$7,150.00	18.00	\$11,700.00
4	4-in. PVC SDR 17 Class 250 p.s.i.	11,500	LF.	3.44	\$39,560.00	3.48	\$40,020.00	3.75	\$43,125.00	3.80	\$43,700.00	4.20	\$48,300.00	4.42	\$50,830.00	4.45	\$51,175.00	5.75	\$66,125.00	6.50	\$74,750.00	6.25	\$71,875.00
5	4-in. PVC SDR 21 Class 200 p.s.i.	13,000	LF.	3.30	\$42,900.00	3.39	\$44,070.00	3.50	\$45,500.00	3.70	\$48,100.00	4.10	\$53,300.00	4.38	\$56,940.00	4.40	\$57,200.00	5.65	\$73,450.00	6.50	\$84,500.00	6.00	\$78,000.00
6	3-in. PVC SDR 17 Class 250 p.s.i.	4,000	LF.	2.80	\$11,200.00	3.18	\$12,720.00	3.25	\$13,000.00	3.65	\$14,600.00	3.80	\$15,200.00	4.13	\$16,520.00	4.25	\$17,000.00	5.45	\$21,800.00	6.00	\$24,000.00	5.50	\$22,000.00
7	3-in. PVC SDR 21 Class 200 p.s.i.	18,500	LF.	2.68	\$49,580.00	3.14	\$58,090.00	3.00	\$55,500.00	3.60	\$66,600.00	3.75	\$69,375.00	4.08	\$75,480.00	4.00	\$74,000.00	5.40	\$99,900.00	6.00	\$111,000.00	5.25	\$97,125.00
8	10-in. Steel Casing Unclassified Bore & Jack	435	LF.	55.00	\$23,925.00	91.28	\$39,706.80	85.00	\$36,975.00	65.00	\$28,275.00	64.00	\$27,840.00	64.00	\$27,840.00	75.00	\$32,625.00	80.00	\$34,800.00	100.00	\$43,500.00	85.00	\$36,975.00
9	8-in. Steel Casing Unclassified Bore & Jack	205	LF.	55.00	\$11,275.00	83.94	\$17,207.70	75.00	\$15,375.00	65.00	\$13,325.00	57.00	\$11,685.00	64.00	\$13,120.00	70.00	\$14,350.00	75.00	\$15,375.00	80.00	\$16,400.00	75.00	\$15,375.00
10	8-in. Steel Casing Unclassified Open Cut	40	LF.	25.00	\$1,000.00	36.94	\$1,557.60	60.00	\$2,400.00	50.00	\$2,000.00	25.00	\$1,000.00	64.00	\$2,560.00	25.00	\$1,000.00	35.00	\$1,400.00	40.00	\$1,600.00	35.00	\$1,400.00
11	Creek Crossing Type 'A'	70	LF.	30.00	\$2,100.00	56.65	\$3,965.50	65.00	\$4,550.00	50.00	\$3,500.00	35.00	\$2,450.00	60.00	\$4,200.00	60.00	\$4,200.00	45.00	\$3,150.00	30.00	\$2,100.00	60.00	\$4,200.00
12	Creek Crossing Type 'B'	288	LF.	50.00	\$14,400.00	56.64	\$16,312.32	70.00	\$20,160.00	85.00	\$24,480.00	46.00	\$13,248.00	60.00	\$17,280.00	80.00	\$23,040.00	45.00	\$12,960.00	30.00	\$8,640.00	100.00	\$28,800.00
13	3000-p.s.i. Ready Mix Concrete	11	C.Y.	250.00	\$2,750.00	200.00	\$2,200.00	110.00	\$1,210.00	300.00	\$3,300.00	120.00	\$1,320.00	150.00	\$1,650.00	90.00	\$990.00	75.00	\$825.00	100.00	\$1,100.00	125.00	\$1,375.00
14	6-in. Gate Valve & Box	25	EA.	450.00	\$11,250.00	479.20	\$11,980.00	500.00	\$12,500.00	525.00	\$13,125.00	414.00	\$10,350.00	520.00	\$13,000.00	500.00	\$12,500.00	475.00	\$11,875.00	400.00	\$10,000.00	550.00	\$13,750.00
15	4-in. Gate Valve & Box	9	EA.	400.00	\$3,600.00	418.62	\$3,767.58	450.00	\$4,050.00	500.00	\$4,500.00	350.00	\$3,150.00	450.00	\$4,050.00	475.00	\$4,275.00	475.00	\$4,275.00	350.00	\$3,150.00	450.00	\$4,050.00
16	3-in. Gate Valve & Box	2	EA.	370.00	\$740.00	391.10	\$782.20	400.00	\$800.00	475.00	\$950.00	314.00	\$628.00	420.00	\$840.00	425.00	\$850.00	450.00	\$900.00	300.00	\$600.00	350.00	\$700.00
17	6-in. Blowoff Assembly	6	EA.	600.00	\$3,600.00	734.95	\$4,409.70	575.00	\$3,450.00	1,000.00	\$6,000.00	757.00	\$4,542.00	630.00	\$3,780.00	1,200.00	\$7,200.00	650.00	\$3,900.00	700.00	\$4,200.00	750.00	\$4,500.00
18	4-in. Blowoff Assembly	1	EA.	575.00	\$575.00	644.51	\$644.51	525.00	\$525.00	1,000.00	\$1,000.00	635.00	\$635.00	560.00	\$560.00	1,000.00	\$1,000.00	560.00	\$560.00	600.00	\$600.00	550.00	\$550.00
19	3-in. Blowoff Assembly	5	EA.	500.00	\$2,500.00	609.13	\$3,045.65	475.00	\$2,375.00	1,000.00	\$5,000.00	566.00	\$2,830.00	530.00	\$2,650.00	800.00	\$4,000.00	500.00	\$2,500.00	500.00	\$2,500.00	525.00	\$2,625.00
20	Meter Setting Same Side	75	EA.	300.00	\$22,500.00	298.25	\$22,368.75	350.00	\$26,250.00	450.00	\$33,750.00	346.00	\$25,950.00	400.00	\$30,000.00	425.00	\$31,875.00	450.00	\$33,750.00	400.00	\$30,000.00	350.00	\$26,250.00
21	Meter Setting Opposite Side	75	EA.	400.00	\$30,000.00	458.85	\$34,413.75	500.00	\$37,500.00	675.00	\$50,625.00	551.00	\$41,325.00	500.00	\$37,500.00	475.00	\$35,625.00	475.00	\$35,625.00	500.00	\$37,500.00	475.00	\$35,625.00
22	Meter Setting @ Creek Crossing	6	EA.	400.00	\$2,400.00	832.00	\$4,992.00	525.00	\$3,150.00	575.00	\$3,450.00	802.00	\$4,812.00	450.00	\$2,700.00	475.00	\$2,850.00	450.00	\$2,700.00	500.00	\$3,000.00	475.00	\$2,850.00



February 20, 2002
Page 2

We recommend this contract be approved and allowed to go forward. If you have any questions or need anything, please contact me at our office.

Sincerely,

David Ray Coe

David Ray Coe
CANN-TECH, LLC

Enclosures

CC:/ Dennis Gulley Morgan County Water District
W. Randall Jones, Rubin and Hays
Steve O'Connor, Attorney at Law

5



20 FEB 2002



Engineers

Planners

Managers

*Bid TABS
Ezel AREA Line Ext.*

February 19, 2002

Ms. Dorothy Smith
Rural Development
220 West 1st Street
Morehead, KY 40351



*David Ray Coe
02/19/02*

Reference:
Final Engineering Report
Ezel Area Water Line Extensions
Morgan County Water District

Dear Ms. Smith:

As you are aware, the above referenced project was bid February 12, 2002. The low bidder for the contract was R. Risner Construction from West Liberty, KY with a bid of \$667,858⁵⁰.

Attached please find a copy of the bid tabulation for the project. The following is a summary of of the financing and budget for this project.

Project Budget	Letter of Conditions April 20, 2001	Current (As Bid)
Development	\$750,000	\$667,858.50
Land and Rights	\$15,000	\$15,000
Legal and Administrative	\$10,000	\$10,000
Engineering	\$135,000	\$114,630
Interest During Construction	\$15,000	\$15,000
Contingencies	\$75,000	\$177,511.50
Total Project Cost	\$1,000,000	\$1,000,000

It appears the project can be completed within the available funding; therefore, we have begun the planning phase discussing additional water line extensions and evaluating the options available.

201 South Main Street
Lawrenceburg, KY 40342
Phone: (502) 859-0907 • Fax: (502) 859-0668
Email: waterboy@kih.net

PROJECT INFORMATION - WATER AND WASTE DISPOSAL PROGRAMS

PROJECT INFORMATION

Print Date May 16, 2016 Page 1 of 6

Customer Name: Morgan County Water District

Project Name: Ph 10-Ditney Ridge-FY 2003

Customer DUNS: 039065110

CCR Cage #:

CCR Expiration Date:

A. APPLICANT/BORROWER:

Case Number: 20-088-*****0536

Customer Identifier: 598750423

Address: 1009 Hwy 172

City/State/Zip: West Liberty, KY 41472-

County: Morgan

Entity Type:

Customer Congressional Districts

KY-05;

Facility Congressional Districts

KY-05;

B. SERVICE TO BE PROVIDED:

Water

(requested / provided depending on application status)

C. FINANCIAL ASSISTANCE

Direct Loans:

Loan Amount	\$600,000.00
Repayment Period	40
Interest Rate	4.8750 %
Interest Rate Level	Market
Years Deferred	2
Maximum Repayment Period	40

Security:

Direct Grants:

Grant Amount Grant Type

\$550,000.00	067 (Comb Loan & Grant) Water Only
\$400,000.00	085 (WWA Program Area) ARC Grant

D. LAND AND RIGHTS

	Fee Simple	Lease	Purchase Price	Present Market Value
Acres to be acquired	0.00	0.00	10,000.00	10,000.00
Acres now owned	2.00	0.00	0.00	0.00

Describe Other Rights: (such as water rights or rights-of-way)

Private Right-of-Way Easements

E. POPULATION/INCOME DATA

Population Served by the Project			<u>1422</u>
Statewide nonmetropolitan median household income			<u>22,232.00</u>
Median household income of possible service area			<u>13,229.00</u>
Poverty guideline for State			<u>18,100.00</u>
Monthly EDU Cost Water	<u>31.44</u>	Percent of MHI (Annual)	<u>2.85 %</u>
Monthly EDU Cost Sewer	<u>0.00</u>	Percent of MHI (Annual)	<u>0.00 %</u>

Comments on MHI Calculations for the Service Area

Demographic of the Project Service Area

Ethnicity:	Hispanic or Latino	<u>41</u>
	Non-Hispanic or Latino	<u>1381</u>

Race:

American Indian/Alaskan Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	Multiple	Other	Total
1	3	5	6	1407	0	0	1422

F. Description of Proposed Facility and Existing Facilities Which are to be Used in Connection with Proposed System
(Include estimated present market value for existing system.)

Existing Facility

The existing water system consists of approximately 175 miles of 3, 4, 6 and 8 inch waterlines which serve 1,147 existing customers. The existing system also includes four water storage tanks and three booster pump stations. The estimated present market value of the existing system is approximately \$5,000,000.

Proposed Facility

The proposed project consists of the construction of approximately 184,000 L.F. of 3, 4 and 6 inch waterlines to serve 275 new rural users. The proposed project also consists of one 100,000 gallon water storage tank and one 100 GPM booster pump station.

G. FACILITY CHARACTERISTICS: (Planned Project)

WATER SYSTEMS

Source

Purchase Contract

Treatment

Distribution

Demand Flow Only

WASTEWATER SYSTEMS

Discharge

Treatment

Collection

STORM WATER SYSTEMS

Discharge

Treatment

Collection

SOLID WASTE SYSTEMS

Disposal

Treatment

Collection

H. FACILITY SITE INFORMATION

<u>Facility Type</u>	<u>Facility Description</u>	<u>Facility Address</u>
Master Meter	Master Meter with vault	408 Prestonsburg Street West Liberty, KY 414
Primary Facility Site		408 Prestonsburg Street West Liberty, Ky 414

I. ENVIRONMENTAL REVIEW

SEE ATTACHED

K. CONTACTS

Contact Type	President/Chairman
First Name	Earl
Last Name	Reed
Title	Chairman

PROJECT INFORMATION

Organization Name Morgan County Water District
Telephone 606/743-1204

Contact Type Auditor
Organization Name Fraley, Miller & Company, CPA
Telephone 606/743-7420
Fax 606/743-7444

Contact Type Customer Contact
First Name Dennis
Last Name Gulley
Title Manager
Organization Name Morgan County Water District
Telephone 606/743-1204

Contact Type Bond Counsel
Organization Name Rubin & Hays
Telephone 502/569-7525
Fax 502/569-7555

Contact Type Legal Representative
First Name Steve
Last Name O`Connor

Contact Type Engineer
First Name David Ray
Last Name Coe
Organization Name Cann-Tech, LLC
Telephone 502/859-0907
Fax 502/859-0668
EMail waterboy@kih.net

RECOMMENDATIONS

A. ORIGINATING OFFICE RECOMMENDATIONS

DOES THE APPLICANT HAVE A WORKABLE PLAN FOR:

- 1. Collection of Delinquent Accounts:
- 2. Establishing Records and Maintaining Management and Audit Reports:
- 3. Facility Maintenance:
- 4. Necessary Operator Training:

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No

Field Office Comments

The proposed water expansion project has been reviewed and determined the project is needed to provide a safe sanitary water supply for 275 new rural customers.
 Determined eligible for RUS loan and grant funds

Prepared by: _____ Date: _____

B. USDA ARCHITECT/ENGINEER'S WRITTEN ANALYSIS AND RECOMMENDATIONS

The proposed project includes the construction of approximately 82,000 lf of 6" and 21,000 lf of 4" water line, a 100,000 gallon water storage tank, a 100 GPM booster pump station and appurtenances. The primary beneficiaries in the project are approximately 214 potential customers in the project area. Construction would occur in the areas of Morgan County. There are three WTPs that serve the MCWD and there is the capacity to provide for the necessary demand.

Justification for the proposed project includes the problems of the potential users currently getting water from contaminated sources. These sources include cisterns, springs, creeks and wells. Potable water would be available to these people if the project was approved.

The project facilities, as proposed, would be modest in size and design and must be designed in accordance with the Kentucky Division of Water guidelines and regulations. The Project Engineer shall adhere to the requirements of the Clean Water Act (CWA) and the Safe Drinking Water Act (SDWA). Construction cost estimates appear to be reasonable when compared with recent similar RUS financed projects. The Project Engineer has experience with RUS financed projects. There are no unusual construction problems anticipated for the project, nor are any unusual construction techniques proposed.

I recommend approval of the proposed water system improvements.

Prepared by:

Date:

C. PROGRAM DIRECTOR'S RECOMMENDATIONS

The proposed water expansion project has been reviewed and it has been determined the project is: needed to provide a safe sanitary water supply for 275 rural customers who have contaminated individual water supplies; Eligible for RUS loan and grant assistance; financially feasible; and, in accordance with local, state and federal plans and requirements. The median household income of the service area is \$13,229. The District is unable to obtain all or part of the financing from other sources at rates and terms that would allow reasonable user rates. An Environmental Assessment with Report has been completed and it has been determined the project will not have an adverse effect on the environment and no historical or archaeological sites will be affected. I recommend approval a \$600,000 RUS loan at 4.5% interest and a RUS grant of \$550,000.

Prepared by:

Date:



Engineers

Planners

Managers

PHASE ~~X~~ XI Extension

August 20, 2003

Ms. Dorothy Smith
Rural Development
220 West 1st Street
Morehead, KY 40351

1mm RD loan
500K RD Grant
300K All Grant
\$500,000



David Ray
8/20/03

Reference:
Final Engineering Report
Phase 10 Ditney Ridge Water Line Extensions and Water Tank *
Morgan County Water District

Dear Ms. Smith:

As you are aware, the above referenced project was bid August 19, 2003. The low bidder for Contract I (Water Lines and Booster Pump Station) was R. Risner Construction from West Liberty, KY with a bid of \$1,110,497. The low bidder for Contract II (Elevated Water Storage Tank) was Caldwell Tanks from Louisville, KY with a bid of \$241,000.

Attached please find a copy of the bid tabulation for the project. The following is a summary of the financing and budget for this project.

Project Budget	Letter of Conditions December 3, 2002	Current (As Bid)
Development	\$1,550,000	\$1,351,497
Land and Rights	\$16,000	\$16,000
Legal and Administrative	\$16,000	\$16,000
Engineering	\$246,000	\$200,000
Interest During Construction	\$22,000	\$22,000
Contingencies	\$150,000	\$294,503
Total Project Cost	\$2,000,000	\$1,900,000

*Project was revised since Letter of Conditions was issued reflecting \$400,000 ARC Grant.

It appears the project can be completed within the available funding; therefore, we have begun the planning phase discussing additional water line extensions and evaluating the options available.

GT

August 20, 2003

Page 2

We recommend these contracts be approved and allowed to go forward. If you have any questions or need anything, please contact me at our office.

Sincerely,



David Ray Coe
CANN-TECH, LLC

Enclosures

CC:/ Barbara Stacy, Morgan County Water District
W. Randall Jones, Rubin and Hays
Steve O'Connor, Attorney at Law
USDA Rural Development RUS - Vernon Brown
Jimmy Hall
Julie Anderson

100,000 GALLON WATER STORAGE TANK
MORGAN COUNTY WATER DISTRICT
PHASE 10 DITNEY RIDGE
August 19, 2003

NO.	ITEM	QUANT.	UNIT	Caldwell Tanks, Inc		Pheonix Fabricators and Erectors, Inc.		Pittsburg Tank & Tower Co. Elevated Division, Inc.		Fisher Tank Company	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Nominal	100,000-Gallon Elevated Water Storage Tank, Including but not limited to: Connections, Water Lines, Fittings, Altitude Valve & Vault, Wet Tap, Piping, Foundation, Chainlink Fencing, Re-grading & Seeding, Complete-in-Place	1	L.S.	\$241,000.00	\$241,000.00	\$243,209.00	\$243,209.00	\$245,724.00	\$245,724.00	\$290,000.00	\$290,000.00
TOTAL BID PRICE					\$241,000.00		\$243,209.00		\$245,724.00		\$290,000.00

We certify that, to the best of our knowledge, the above bid tabulation is an accurate representation of the bids received on August 19, 2003.

David R. Be
8/20/03

	QUANT.	UNIT	R. RISNER CONSTRUCTION INC.		D.F. BAILEY, INC.		FREDERICK'S & MAY CONSTRUCTION CO., INC.		G & W CONSTRUCTION CO., INC.		KENNEY, INC		LJ CONSTRUCTION		ENGINEER'S ESTIMATE	
			UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
ing (Unclassified Excavation)	41,600	L.F.	\$3.88	\$161,408.00	\$4.46	\$185,536.00	\$5.03	\$209,248.00	\$5.92	\$246,272.00	\$6.05	\$251,680.00	\$7.64	\$317,824.00	\$4.75	\$197,600.00
ing (Unclassified Excavation)	29,400	L.F.	4.22	\$124,068.00	4.91	\$144,354.00	5.47	\$160,818.00	6.35	\$186,690.00	6.55	\$192,570.00	8.10	\$238,140.00	4.57	\$134,358.00
classified Excavation)	57,700	L.F.	4.80	\$276,960.00	5.63	\$324,851.00	6.09	\$351,393.00	7.05	\$406,785.00	7.98	\$460,446.00	9.10	\$525,070.00	5.00	\$288,300.00
ing (Unclassified Excavation)	20,500	L.F.	2.85	\$58,425.00	2.89	\$59,245.00	4.03	\$82,615.00	4.81	\$98,605.00	4.02	\$82,410.00	5.48	\$112,340.00	3.30	\$67,650.00
ing (Unclassified Excavation)	16,600	L.F.	3.00	\$49,800.00	3.12	\$51,792.00	4.24	\$70,384.00	4.99	\$82,834.00	4.40	\$73,040.00	5.73	\$95,118.00	3.44	\$57,104.00
classified Excavation)	18,200	L.F.	3.75	\$68,250.00	3.79	\$68,978.00	4.74	\$86,268.00	5.50	\$100,100.00	4.95	\$90,090.00	6.40	\$116,480.00	4.00	\$72,800.00
ng (Unclassified Excavation)	9,400	L.F.	2.54	\$23,876.00	2.76	\$25,944.00	3.71	\$34,874.00	4.46	\$41,924.00	3.69	\$34,686.00	4.54	\$42,676.00	2.68	\$25,192.00
ng (Unclassified Excavation)	10,200	L.F.	2.80	\$28,560.00	2.90	\$29,580.00	3.83	\$39,066.00	4.55	\$46,410.00	3.96	\$40,392.00	4.67	\$47,634.00	2.80	\$28,560.00
(Water Line Not Included)	400	L.F.	55.00	\$22,000.00	83.61	\$33,444.00	72.00	\$28,800.00	80.00	\$32,000.00	66.00	\$26,400.00	76.10	\$30,440.00	60.00	\$24,000.00
(Water Line Not Included)	570	L.F.	55.00	\$31,350.00	75.02	\$42,761.40	60.00	\$34,200.00	75.00	\$42,750.00	66.00	\$37,620.00	74.68	\$42,567.60	55.00	\$31,350.00
(Water Line Not Included)	475	L.F.	55.00	\$26,125.00	65.89	\$31,297.75	60.00	\$28,500.00	70.00	\$33,250.00	66.00	\$31,350.00	71.88	\$34,143.00	55.00	\$26,125.00
	40	L.F.	30.00	\$1,200.00	33.08	\$1,323.20	40.00	\$1,600.00	35.00	\$1,400.00	66.00	\$2,640.00	40.41	\$1,616.40	55.00	\$2,200.00
	155	L.F.	40.00	\$6,200.00	53.22	\$8,249.10	60.00	\$9,300.00	45.00	\$6,975.00	77.00	\$11,935.00	54.10	\$8,385.50	55.00	\$8,525.00
in Place (This Item Does Not Include Gate	47	EA.	400.00	\$18,800.00	414.96	\$19,503.12	310.00	\$14,370.00	451.20	\$21,206.40	550.00	\$25,850.00	584.40	\$27,466.80	450.00	\$21,150.00
in Place (This Item Does Not Include Gate	25	EA.	360.00	\$9,000.00	339.64	\$8,491.00	250.00	\$6,250.00	391.31	\$9,782.75	495.00	\$12,375.00	472.40	\$11,810.00	400.00	\$10,000.00
n Place (This Item Does Not Include Gate	10	EA.	350.00	\$3,500.00	314.68	\$3,146.80	230.00	\$2,300.00	369.04	\$3,690.40	412.50	\$4,125.00	436.00	\$4,360.00	370.00	\$3,700.00
s, Complete in Place	1	EA.	2,500.00	\$2,500.00	1,845.49	\$1,845.49	1,800.00	\$1,800.00	1,881.80	\$1,881.80	2,200.00	\$2,200.00	2,278.95	\$2,278.95	2,000.00	\$2,000.00
ing, Gate Valve, Complete in Place	1	EA.	2,500.00	\$2,500.00	1,039.09	\$1,039.09	2,000.00	\$2,000.00	2,250.52	\$2,250.52	2,200.00	\$2,200.00	3,073.50	\$3,073.50	2,000.00	\$2,000.00
Ive, Complete in Place	7	EA.	700.00	\$4,900.00	642.32	\$4,496.24	600.00	\$4,200.00	665.78	\$4,660.46	880.00	\$6,160.00	963.81	\$6,746.67	600.00	\$4,200.00
Ive, Complete in Place	13	EA.	300.00	\$6,500.00	544.67	\$7,080.71	575.00	\$7,475.00	585.64	\$7,613.32	770.00	\$10,010.00	846.55	\$11,005.15	575.00	\$7,475.00
Ive, Complete in Place	8	EA.	475.00	\$3,800.00	499.83	\$3,998.64	500.00	\$4,000.00	560.19	\$4,481.52	550.00	\$4,400.00	778.73	\$6,229.84	500.00	\$4,000.00
PRV, Yoke, and 10-foot Service Tubing plete in Place	149	EA.	300.00	\$44,700.00	376.41	\$56,085.09	310.00	\$46,190.00	356.73	\$53,152.77	440.00	\$65,560.00	458.29	\$68,285.21	300.00	\$44,700.00
top, PRV, Yoke, and 70-foot Service Tubing plete in Place	95	EA.	425.00	\$40,375.00	572.46	\$54,383.70	420.00	\$39,900.00	574.81	\$54,606.95	550.00	\$52,250.00	682.96	\$64,881.20	400.00	\$38,000.00
	1,000	L.F.	3.00	\$3,000.00	4.15	\$4,150.00	3.19	\$3,190.00	2.68	\$2,680.00	2.75	\$2,750.00	2.80	\$2,800.00	2.00	\$2,000.00
stop, PRV, Yoke, and 10-foot Service Tubing plete in Place	1	EA.	700.00	\$700.00	728.62	\$728.62	500.00	\$500.00	829.81	\$829.81	550.00	\$550.00	828.16	\$828.16	400.00	\$400.00
	3	EA.	1,500.00	\$4,500.00	1,441.76	\$4,325.28	2,000.00	\$6,000.00	2,293.14	\$6,879.42	770.00	\$2,310.00	1,650.60	\$4,951.80	1,600.00	\$4,800.00
	6,300	L.F.	5.00	\$31,500.00	5.89	\$37,107.00	5.00	\$31,500.00	6.00	\$37,800.00	4.40	\$27,720.00	14.00	\$88,200.00	15.00	\$94,500.00
	4	EA.	500.00	\$2,000.00	233.40	\$933.60	700.00	\$2,800.00	326.78	\$1,307.12	440.00	\$1,760.00	385.24	\$1,540.96	250.00	\$1,000.00
n on plans, Complete in Place	1	EA.	9,000.00	\$9,000.00	6,789.50	\$6,789.50	6,000.00	\$6,000.00	10,394.99	\$10,394.99	11,000.00	\$11,000.00	9,235.17	\$9,235.17	10,000.00	\$10,000.00
as shown on plans, Complete in Place	1	EA.	45,000.00	\$45,000.00	47,859.64	\$47,859.64	35,000.00	\$35,000.00	47,743.70	\$47,743.70	60,500.00	\$60,500.00	60,746.00	\$60,746.00	85,000.00	\$85,000.00
				\$1,110,497.00		\$1,269,318.97		\$1,350,741.00		\$1,596,956.93		\$1,626,979.00		\$1,986,873.91		\$1,298,889.00

We certify that, to the best of our knowledge, the above bid tabulation is an accurate representation of the bids received on August 19, 2003.

David P. Ge
8/20/03

PROJECT INFORMATION - WATER AND WASTE DISPOSAL PROGRAMS

PROJECT INFORMATION

Print Date May 16, 2016 Page 1 of 7

Customer Name: Morgan County Water District

Project Name: Extensions - Phase XI

Customer DUNS: 039065110

CCR Cage #:

CCR Expiration Date:

A. APPLICANT/BORROWER:

Case Number: 20-088-*****0536

Customer Identifier: 598750423

Address: 1009 Hwy 172

City/State/Zip: West Liberty, KY 41472-

County: Morgan

Entity Type:

Customer Congressional Districts

KY-05;

Facility Congressional Districts

KY-05;

B. SERVICE TO BE PROVIDED:

Water

(requested / provided depending on application status)

C. FINANCIAL ASSISTANCE

Direct Loans:

Loan Amount	\$1,000,000.00
Repayment Period	40
Interest Rate	4.1250 %
Interest Rate Level	Market
Years Deferred	2
Maximum Repayment Period	40

Security:

Direct Grants:

Grant Amount Grant Type

\$500,000.00	067 (Comb Loan & Grant) Water Only
\$300,000.00	085 (WWA Program Area) ARC Grant

D. LAND AND RIGHTS

	Fee Simple	Lease	Purchase Price	Present Market Value
Acres to be acquired	0.00	0.00	0.00	0.00
Acres now owned	3.00	0.00	0.00	10,000.00

Describe Other Rights: (such as water rights or rights-of-way)

Right of Way easements only

E. POPULATION/INCOME DATA

Population Served by the Project		<u>1823</u>	
Statewide nonmetropolitan median household income		<u>33,723.00</u>	
Median household income of possible service area		<u>21,869.00</u>	
Poverty guideline for State		<u>19,350.00</u>	
Monthly EDU Cost Water	<u>32.74</u>	Percent of MHI (Annual)	<u>1.80 %</u>
Monthly EDU Cost Sewer	<u>0.00</u>	Percent of MHI (Annual)	<u>0.00 %</u>

Comments on MHI Calculations for the Service Area

Demographic of the Project Service Area

Ethnicity:	Hispanic or Latino	<u>10</u>
	Non-Hispanic or Latino	<u>1813</u>

Race:

American Indian/Alaskan Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	Multiple	Other	Total
4	4	80	0	1725	8	2	1823

F. Description of Proposed Facility and Existing Facilities Which are to be Used in Connection with Proposed System
(Include estimated present market value for existing system.)

Existing Facility

Morgan County buys water from the City of West Liberty, the City of Campton, Paintsville Utility Commission and soon the Cave Run Water Commission. They currently have five storage tanks, four pump stations, and approximately 930,000 lf of 6" line and 300,000 lf of 8" line. The estimated fair market value of the system is approximately \$4,700,000.

Proposed Facility

The Morgan County Water District proposes to extend water service to an additional 238 customers in rural Morgan County. This project will require approximately 38.7 miles of water line ranging in size from 4-inch to 6-inch diameter.

PROJECT INFORMATION

G. FACILITY CHARACTERISTICS: (Planned Project)

WATER SYSTEMS

Source

Purchase Contract

Treatment

Distribution

Demand Flow Only

WASTEWATER SYSTEMS

Discharge

Treatment

Collection

STORM WATER SYSTEMS

Discharge

Treatment

Collection

SOLID WASTE SYSTEMS

Disposal

Treatment

Collection

H. FACILITY SITE INFORMATION

<u>Facility Type</u>	<u>Facility Description</u>	<u>Facility Address</u>
Master Meter	Master Meter with vault	408 Prestonsburg Street West Liberty, KY 414
Primary Facility Site		408 Prestonsburg Street West Liberty, Ky 414

I. ENVIRONMENTAL REVIEW

SEE ATTACHED

K. CONTACTS

Contact Type	President/Chairman
First Name	Roy
Last Name	Collett
Title	Chairman

PROJECT INFORMATION

Organization Name Morgan County Water District
Telephone 606 743-1204
Fax 606 743-9585

Contact Type Auditor
First Name Jody
Last Name Franklin
Title Certified Public Accountant
Organization Name Morgan Franklin LLC
Telephone 606 743-1884
Fax 606 743-1895
EMail www.morganfranklin.com

Contact Type Customer Contact
First Name Barbara
Last Name Stacy
Title Manager
Organization Name Morgan County Water District
Telephone 606- 743-1204
Fax 606 743-9585

Contact Type Bond Counsel
First Name Randall
Last Name Jones
Title Bond Counsel
Organization Name Rubin & Hays
Telephone 502-569-7534
Fax 502-569-7555
EMail wrjones@rubinhays.com

Contact Type Legal Representative
First Name Steve
Last Name O'Conner
Title Attorm=ney at Law
Organization Name Steve O'Conner Law Office
Telephone 606 743-7620
Fax 606 743-3545

Contact Type Authorized Representative
First Name Roy
Last Name Collett
Title Chairman
Organization Name Morgan County Water District
Telephone 606 743-1204

Contact Type Engineer
First Name Larry
Last Name Cann
Title Project Manager
Organization Name Cann-Tech

PROJECT INFORMATION

Telephone
Fax

502 859-0907
502-859-5580

RECOMMENDATIONS

A. ORIGINATING OFFICE RECOMMENDATIONS

DOES THE APPLICANT HAVE A WORKABLE PLAN FOR:

- 1. Collection of Delinquent Accounts:
2. Establishing Records and Maintaining Management and Audit Reports:
3. Facility Maintenance:
4. Necessary Operator Training:

Grid of checkboxes for 'Yes' and 'No' responses corresponding to the list items.

Field Office Comments

The proposed project is needed to provide an additional 238 rural customers with a safe supply of water. The project is eligible for RUS loan and grant assistance, is financially feasible and is in accordance with state and federal plans and requirements.

Prepared by: _____

Date: _____

B. USDA ARCHITECT/ENGINEER'S WRITTEN ANALYSIS AND RECOMMENDATIONS

The proposed project includes the construction of approximately 38.7 miles of 4"-6" diameter water line. These extensions will add approximately 238 new customers. Construction will take place in Morgan County.

The areas that are unserved currently rely on on-site systems that have been shown to be contaminated with bacteria and deemed by local health officials as unfit for human consumption. The proposed line extensions will provide the residents in these areas with a safe source of drinking water and eliminate the health risks associated with contamination.

The project facilities, as proposed, would be modest in size and design and must be designed in accordance with the Kentucky Division of Water and the Kentucky Department of Natural Resources and Environmental Protection Agency guidelines and regulations. Constructions cost estimates appear to be reasonable when compared wit recent similar RUS financed projects. The Project Engineer has experience with RUS financed projects. There are no unusual construction problems anticipated for the project, nor are any unusual construction technique proposed.

I recommend approval of the proposed improvements.

Prepared by: _____

Date: _____

C. PROGRAM DIRECTOR'S RECOMMENDATIONS

The proposed water improvement project has been reviewed and it has been determined that the project is: 1) needed to provide efficient operation and maintenance of the water system for the existing users and to provide potable water to the rural residents of Morgan county, 2) eligible for RUS loan and grant assistance, 3) financially feasible, and 4) in accordance with all state, local, and federal plans and requirements. The median household income of the service area is \$ 21,869. The Water District is unable to obtain the requested RUS financing from other sources that will allow reasonable user rates. A Categorical Exclusion environmental assessment has been completed and it has been determined that this project will not have any adverse effects on the environment and no historical or archaeological sites will be affected. I recommend approval of this \$1,000,000 RUS loan at 4.125% and this \$500,000 RUS grant.

Prepared by:

Date:



Engineers

Planners

Managers

April 18, 2006

*PHASE ~~II~~ XI
WATER LINE EXT.*

Ms. Barbara Stacy, Manager
Morgan County Water District
408 Prestonsburg Street
West Liberty, KY 41472

Reference: Final Engineering Report
Phase 11 Water Line Extensions
Morgan County Water District

Dear Ms. Stacy:

As you are aware, the above referenced project was bid April 17, 2006. The low bidder for Phase 11 was R. Risner Construction Inc. from West Liberty, KY with a Total Base Bid of \$1,540,853.00.

Attached please find a copy of the bid tabulation for the project. The following is a summary of the financing and budget for this project.

Project Budget	Letter of Conditions	Current (As Bid)
Development	\$1,450,000.00	\$1,540,853.00
Engineering and Inspection	\$200,000.00	\$225,317.11
Contingencies	\$165,000.00	(3.5%) \$53,829.89
Legal and Administrative	\$10,000.00	\$10,000.00
Interest	\$15,000.00	\$15,000.00
Land and Rights	\$10,000.00	\$5,000.00
Total Project Cost	\$1,850,000.00	\$1,850,000.00

As you can see the contingency is 3.5 % of the construction amount. The Morgan County Water District has agreed to contribute approximately \$23,500.00 from the 2006 Tobacco Development Funds to ensure a 5.0% contingency.

Proposed Funding Source	Letter of Conditions	Amount
RUS Loan	\$1,000,000.00	\$1,000,000.00
RUS Grant	\$500,000.00	\$500,000.00
ARC Grant	\$300,000.00	\$300,000.00
Applicant Contribution	\$50,000.00	\$50,000.00
KIA Tobacco Development Fund	\$0.00*	\$23,500.00*
Total Project Cost	\$1,850,000.00	\$1,873,500.00

* KIA TDF funds acquired after the letter of conditions had been issued

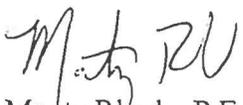


April 18, 2006
Page 2

It appears that with the additional funds contributed by the water district, the project can be completed within the available funding; therefore, we recommend this contract be approved and allowed to go forward.

If you have any questions or need anything, please contact me at our office.

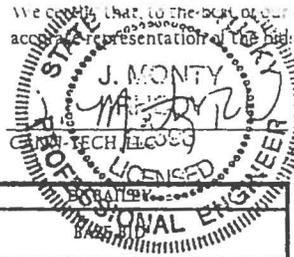
Sincerely,
CANN-TECH, LLC


Monty Rhody, P.E.
Project Manager

Enclosures

- Cc: Mr. Tim Conley, Morgan County Judge Executive
- Ms. Pam Farmer, Rural Development
- Ms. Teresa Shields, Gateway Area Development District
- Mr. Bryan Kirby, Community and Economic Development Association

BID TABULATION
 PHASE II
 MORGAN COUNTY WATER DISTRICT
 BID DATE - 04/17/2006



R. RISNER CONSTRUCTION INC.			
BASE BID			

NO.	ITEM	Quantity	Unit	Unit Price	Total	Quantity	Unit	Unit Price	Total	
1	6-in. PVC SDR 21 Class 200 p.s.i.	42,000	LF	\$6.07	\$254,940.00	42,000	LF	\$6.95	\$291,900.00	
2	6-in. PVC SDR 17 Class 250 p.s.i.	74,000	LF	\$6.77	\$500,980.00	74,000	LF	\$7.74	\$572,760.00	
3	6-in. PVC C-900 Class 250 p.s.i.	34,000	LF	\$7.95	\$270,300.00	34,000	LF	\$9.11	\$309,740.00	
4	6-in. D.I. Class 250 p.s.i.	350	LF	\$16.00	\$5,600.00	350	LF	\$13.93	\$4,875.50	
5	4-in. PVC SDR 21 Class 200 p.s.i.	11,000	LF	\$4.55	\$50,050.00	11,000	LF	\$4.86	\$53,460.00	
6	4-in. PVC SDR 17 Class 250 p.s.i.	8,500	LF	\$4.85	\$41,225.00	8,500	LF	\$5.24	\$44,540.00	
7	3-in. PVC SDR 17 Class 250 p.s.i.	2,400	LF	\$4.32	\$10,368.00	2,400	LF	\$4.28	\$10,272.00	
8	12-in. Steel Casing Unclassified Bore & Jack	350	LF	\$85.00	\$29,750.00	350	LF	\$101.35	\$35,472.50	
9	10-in. Steel Casing Unclassified Bore & Jack	900	LF	\$82.00	\$73,800.00	900	LF	\$93.74	\$84,366.00	
10	8-in. Steel Casing Unclassified Bore & Jack	75	LF	\$80.00	\$6,000.00	75	LF	\$86.03	\$6,452.25	
11	Creek Crossing Type B	1,000	LF	\$30.00	\$30,000.00	1,000	LF	\$71.49	\$71,490.00	
12	6-in. Gate Valve & Box	44	EA	\$620.00	\$27,280.00	44	EA	\$526.48	\$23,165.12	
13	4-in. Gate Valve & Box	8	EA	\$520.00	\$4,160.00	8	EA	\$431.33	\$3,450.64	
14	3-in. Gate Valve & Box	2	EA	\$500.00	\$1,000.00	2	EA	\$390.98	\$781.96	
15	Fire Hydrant, 3 Nozzle	7	EA	\$2,700.00	\$18,900.00	7	EA	\$2,604.68	\$18,232.76	
16	6-in. Blowoff Assembly	5	EA	\$800.00	\$4,000.00	5	EA	\$912.58	\$4,562.90	
17	4-in. Blowoff Assembly	3	EA	\$750.00	\$2,250.00	3	EA	\$747.84	\$2,243.52	
18	3-in. Blowoff Assembly	2	EA	\$610.00	\$1,220.00	2	EA	\$682.26	\$1,364.52	
19	Meter Setting Same Side	145	EA	\$440.00	\$63,800.00	145	EA	\$449.95	\$65,242.75	
20	Meter Setting Opposite Side	93	EA	\$770.00	\$71,610.00	93	EA	\$674.60	\$62,737.80	
21	Additional Service Tubing	1,000	LF	\$7.20	\$7,200.00	1,000	EA	\$4.60	\$4,600.00	
22	Creek Crossing Meter Setting	1	EA	\$1,000.00	\$1,000.00	1	LF	\$494.32	\$494.32	
23	Connection To Existing Line	8	EA	\$1,890.00	\$15,120.00	8	EA	\$1,488.69	\$11,909.52	
24	Gravel Replacement	6,300	LF	\$5.00	\$31,500.00	6,300	LF	\$8.54	\$53,802.00	
25	Blacktop Replacement	400	LF	\$20.00	\$8,000.00	400	EA	\$27.06	\$10,824.00	
26	Air Release Valve	4	EA	\$750.00	\$3,000.00	4		\$453.86	\$1,815.44	
27	6-Inch Joint Restraints	80	EA	\$75.00	\$6,000.00	80	EA	\$50.09	\$4,007.20	
28	4-Inch Joint Restraints	25	EA	\$72.00	\$1,800.00	25	EA	\$45.50	\$1,137.50	
TOTAL					\$1,540,853.00	\$1,755,700.20				

PROJECT INFORMATION - WATER AND WASTE DISPOSAL PROGRAMS

PROJECT INFORMATION

Print Date May 16, 2016 Page 1 of 7

Customer Name: Morgan County Water District

Project Name: Phase XII - Water

Customer DUNS: 039065110

CCR Cage #:

CCR Expiration Date:

A. APPLICANT/BORROWER:

Case Number: 20-088-*****0536

Customer Identifier: 598750423

Address: 1009 Hwy 172

City/State/Zip: West Liberty, KY 41472-

County: Morgan

Entity Type:

Customer Congressional Districts

KY-05;

Facility Congressional Districts

KY-05;

B. SERVICE TO BE PROVIDED:

Water

(requested / provided depending on application status)

C. FINANCIAL ASSISTANCE

Direct Loans:

Loan Amount	\$1,446,000.00
Repayment Period	40
Interest Rate	4.1250 %
Interest Rate Level	Market
Years Deferred	2
Maximum Repayment Period	40

Security:

Direct Grants:

Grant Amount Grant Type

\$754,000.00	067 (Comb Loan & Grant) Water Only
\$500,000.00	085 (WWA Program Area) ARC Grant

D. LAND AND RIGHTS

	Fee Simple	Lease	Purchase Price	Present Market Value
Acres to be acquired	1.00	0.00	3,000.00	3,000.00
Acres now owned	5.00	0.00	20,000.00	20,000.00

Describe Other Rights: (such as water rights or rights-of-way)

Private right-of-way easements

E. POPULATION/INCOME DATA

Population Served by the Project		2424	
Statewide nonmetropolitan median household income		<u>33,723.00</u>	
Median household income of possible service area		<u>21,869.00</u>	
Poverty guideline for State		<u>20,650.00</u>	
Monthly EDU Cost Water	<u>35.42</u>	Percent of MHI (Annual)	<u>1.94 %</u>
Monthly EDU Cost Sewer	<u>0.00</u>	Percent of MHI (Annual)	<u>0.00 %</u>

Comments on MHI Calculations for the Service Area

Demographic of the Project Service Area

Ethnicity:	Hispanic or Latino	<u>19</u>
	Non-Hispanic or Latino	<u>2405</u>

Race:

American Indian/Alaskan Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	Multiple	Other	Total
2	3	3	2	2405	8	1	2424

F. Description of Proposed Facility and Existing Facilities Which are to be Used in Connection with Proposed System

(Include estimated present market value for existing system.)

Existing Facility

Morgan Co. Water District (MCWD) operates a water distribution system that is classified by Division of Water as Class II-D. Original constructed dates to 1990 and initially served 270 customers. The system now serves 2314 customers through approximately 360 miles of water main ranging in size from 2" through 8" diameter. The MCWD also has five (5) water storage tanks with a combined storage capacity of 656,000 gallons. The estimated present market value of the existing system is approximately \$4,700,000.

Proposed Facility

The MCWD proposes to extend water services to rural areas of Morgan County. The project will serve approximately 193 of 297 potential customers with 43 miles of water line ranging in size from 3" - 6" diameter and one hydropneumatic pump station.

PROJECT INFORMATION

G. FACILITY CHARACTERISTICS: (Planned Project)

WATER SYSTEMS

Source

Purchase Contract

Treatment

Distribution

Demand Flow Only

WASTEWATER SYSTEMS

Discharge

Treatment

Collection

STORM WATER SYSTEMS

Discharge

Treatment

Collection

SOLID WASTE SYSTEMS

Disposal

Treatment

Collection

H. FACILITY SITE INFORMATION

<u>Facility Type</u>	<u>Facility Description</u>	<u>Facility Address</u>
Master Meter	Master Meter with vault	408 Prestonsburg Street West Liberty, KY 414
Primary Facility Site		408 Prestonsburg Street West Liberty, Ky 414

I. ENVIRONMENTAL REVIEW

SEE ATTACHED

K. CONTACTS

Contact Type	President/Chairman
First Name	Roy
Last Name	Collett
Title	Chairman

PROJECT INFORMATION

Organization Name Morgan County Water District
Telephone 606 743-1204
Fax 606 743-9585

Contact Type Auditor
First Name Jodi
Last Name Franklin
Title Certified Public Auditors
Organization Name Morgan, Franklin
Telephone 606-743-1884
Fax 606 743-1895

Contact Type Customer Contact
First Name Cindy
Last Name Montgomery
Title Acting Manager
Organization Name Morgan County Water District
Telephone 606 743-1204
Fax 606 743-9585

Contact Type Bond Counsel
First Name Randy
Last Name Jones
Title Bond Counsel
Organization Name Rubin & Hays
Telephone 502 569-7534
Fax 502 569-7555
EMail wrjones@rubinhays.com

Contact Type Legal Representative
First Name Steve
Last Name O'Connor
Title Attorney
Organization Name Morgan County Attorney
Telephone 606 743-7620

Contact Type Secretary (of Board)
First Name Holli
Last Name Litteral
Title Secretary/Treasurer
Organization Name Morgan County Water District
Telephone 606 743-1204
Fax 606 743-9585

Contact Type Authorized Representative
First Name Roy
Last Name Collett
Title Chairman
Organization Name Morgan County Water District
Telephone 606 743-1204

PROJECT INFORMATION

Fax	606 743-9585
Contact Type	Engineer
First Name	Larry
Last Name	Cann
Title	Project Manager
Organization Name	Cann-Tech
Telephone	502 859-0907
Fax	502 859-0668

RECOMMENDATIONS

A. ORIGINATING OFFICE RECOMMENDATIONS

DOES THE APPLICANT HAVE A WORKABLE PLAN FOR:

- 1. Collection of Delinquent Accounts:
- 2. Establishing Records and Maintaining Management and Audit Reports:
- 3. Facility Maintenance:
- 4. Necessary Operator Training:

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No

Field Office Comments

The proposed project is needed to provide water to approximately 193 new customers in rural Morgan County, by constructing approximately 43 miles of water line and one pump station. The project is eligible for RUS loan and grant assistance, is financially feasible and is in accordance with state and federal plans and requirements. The District is unable to obtain all or part of the financing from other sources at rates and terms that would allow reasonable user rates. An Environmental Assessment with Report has been completed and it has been determined the project will not have an adverse effect on the environment and no historical or archaeological sites will be affected. I recommend approval of a \$1,446,000 RUS loan at 4.125% interest and a RUS grant of \$754,000.

Prepared by: _____ Date: _____

B. USDA ARCHITECT/ENGINEER'S WRITTEN ANALYSIS AND RECOMMENDATIONS

The proposed project includes the construction of approximately 42 miles of water line, relocation of existing pump station, and a hydro pneumatic pump station. Construction will take place in Morgan County

The proposed construction will provide a safe and reliable source of potable water to areas that currently are unserved.

The project facilities, as proposed, would be modest in size and design and must be designed in accordance with the Kentucky Division of Water and the Kentucky Department of Natural Resources and Environmental Protection Agency guidelines and regulations. Construction cost estimates appear to be reasonable when compared with recent similar RUS financed projects. The Project Engineer has experience with RUS financed projects. There are no unusual construction problems anticipated for the project, nor are any unusual construction techniques proposed.

I recommend approval of the proposed improvements

Prepared by: _____ Date: _____

C. PROGRAM DIRECTOR'S RECOMMENDATIONS

The proposed water expansion project has been reviewed and it has been determined the project is: needed to provide a safe sanitary water supply for 193 new rural customers who have contaminated individual water supplies; eligible for RUS loan and grant assistance; financial feasible; and, is in accordance with local, state and federal plans and requirements. The median household income of the service area is \$21,869. The Water District is unable to obtain all or part of the financing from other sources at rates and terms that would allow reasonable user rates. An Environmental Assessment with Report has been completed and it has been determined the project will not have an adverse effect on the environment and no historical or archaeological sites will be affected. I recommend approval of a RUS loan of \$1,446,000 at 4.125% interest and a RUS grant of \$754,000.

Prepared by:

Date:

PROJECT INFORMATION - ENVIRONMENTAL ATTACHMENT

Customer Name: **Morgan County Water District**

Project Name: **Phase XII - Water**

1. Environmental Report IS Required Type **Categorical Exclusion w/ER**

Date Staff Instruction 1794-I Exhibit H Signed **12/12/2006**

Public Notices Yes No

Date of Public Notices

2a. Mitigation Measures

Biological Resources, Floodplain, Land use, Historic Properties, Wetlands

Were these mitigation measures conveyed in the Letter of Conditions? Yes No

2b. Document what resource(s) were subject to the mitigation measure(s)

1. Project shall be in compliance with all requirements noted in the Kentucky Governor's Office of Local Development letter dated July 31, 2006, from Lee Nalley, Manager.

2. Design and construction shall be in compliance with the requirements of the U.S. Fish and Wildlife Service noted by letter dated November 8, 2006, and signed by Virgil Lee Andrews, Field Supervisor.

3. Line design and construction shall be accomplished in a way that will leave flood plains and farmland without affect after construction is complete. The Army Corps of Engineers Nationwide Permit No. 12 applies to all floodplain and wetland utility line construction.

4. Design and construction shall be in compliance with all local, state, and federal environmental statutes, regulations and executive orders applicable to the project.

8

MAY 22 2008

Cann-Tech, L.L.C.



6/1/6



Engineers

Planners

Managers

May 20, 2008

Ms. Cindy Montgomery, Manager
Morgan County Water District
408 Prestonsburg Street
West Liberty, KY 41472

Reference: Final Engineering Report
Phase 12 – Water Line Extension
Morgan County Water District

Dear Ms. Montgomery:

As you are aware, the above referenced project was bid May 6, 2008. The low bidder for Phase 12 was H2O Construction Co., Inc. from Pikeville, KY with a Total Base Bid of \$1,602,632.80.

Attached please find a copy of the bid tabulation for the project. The following is a summary of the financing and budget for this project.

Project Budget	Letter of Conditions	Current (As Bid)
Development	\$2,140,000.00	\$1,602,632.80
Contingencies	\$214,000.00	\$809,941.51
Engineering	\$284,000.00	\$225,425.69
Legal and Administrative	\$32,000.00	\$32,000.00
Land and Rights	\$50,000.00	\$50,000.00
Interest	\$30,000.00	\$30,000.00
Total Project Cost	\$2,750,000.00	\$2,750,000.00

799,741.57
235,425.69

Project Financing	Letter of Conditions
RUS Loan	\$1,446,000.00
RUS Grant	\$754,000.00
ARC Grant	\$500,000.00
Connection Fees	\$50,000.00
Total Project Cost	\$2,750,000.00

1100 Glensboro Rd., Suite 9
Park View Center
Lawrenceburg, KY 40342
Phone: (502) 859-0907 • Fax: (502) 859-0668
Email: waterboy@kih.net

May 20, 2008

Page 2

The letter of conditions from Rural Development dated April 25, 2007 states that the Morgan County Water District shall have 193 new users signed for the Phase 12 Water Line Extension to be able to repay the loan. However, Morgan County Water District currently has 99 new customers signed up. Therefore the Water District has agreed to raise their water rates to make up for the shortage of new users. In addition to the shortage of signed customers, the City of West Liberty has increased their wholesale rate to Morgan County Water District from \$2.41 per 1000 gallons to \$2.55 per 1000 gallons. It appears that the Morgan County Water District will need to increase rates to generate approximately \$43,000 per year. Please find attached existing and proposed water rates that are estimated to generate the needed revenue.

All of H2O Construction Co., Inc. references which consisted of utility companies and engineering firms, indicate that they are capable of completing this project. Also, it appears the project can be completed with the available funding and with the rate increase. Therefore, we recommend this contract be approved and allowed to go forward.

If you have any questions or need anything, please contact me at our office.

Sincerely,
CANN-TECH, LLC



Monty Rhody, P.E.
Project Manager

Attachments

CC: Mr. Tim Conley, Morgan County Judge Executive
Ms. Pamela Farmer, Rural Development ✓
Mr. Randy Jones, Rubin Hays
Mr. Steve O'Connor, Morgan County Attorney
All Bidding Contractors – Bid Tab Only

**EXISTING WATER RATES
MORGAN COUNTY WATER DISTRICT
MAY 2008**

5/8 and 3/4 Inch Meter

First	2,000 Gallons @	\$19.41 minimum
Next	3,000 Gallons @	\$7.03 per 1,000 Gallons
Next	5,000 Gallons @	\$6.43 per 1,000 Gallons
Next	5,000 Gallons @	\$5.83 per 1,000 Gallons
Next	Gallons @	\$ per 1,000 Gallons
Next	Gallons @	\$ per 1,000 Gallons
All Over	15,000 Gallons @	\$5.23 per 1,000 Gallons

1-Inch Meter

First	5,000 Gallons @	\$40.50 minimum
Next	5,000 Gallons @	\$6.43 per 1000 Gallons
Next	5,000 Gallons @	\$5.83 per 1000 Gallons
Over	15,000 Gallons @	\$5.23 per 1000 Gallons

2-Inch Meter

First	15,000 Gallons @	\$101.80 minimum
Over	15,000 Gallons @	\$5.23 per 1,000 Gallons

Wholesale Water Rate \$2.71 per 1000 Gallons

**PROPOSED WATER RATES
MORGAN COUNTY WATER DISTRICT
MAY 2008**

5/8 and 3/4 Inch Meter

First	2,000 Gallons @	\$20.41 minimum
Next	3,000 Gallons @	\$7.33 per 1,000 Gallons
Next	5,000 Gallons @	\$6.73 per 1,000 Gallons
Next	5,000 Gallons @	\$6.13 per 1,000 Gallons
Next	Gallons @	\$ per 1,000 Gallons
Next	Gallons @	\$ per 1,000 Gallons
All Over	15,000 Gallons @	\$5.53 per 1,000 Gallons

1-Inch Meter

First	5,000 Gallons @	\$42.50 minimum
Next	5,000 Gallons @	\$6.73 per 1000 Gallons
Next	5,000 Gallons @	\$6.13 per 1000 Gallons
Over	15,000 Gallons @	\$5.53 per 1000 Gallons

2-Inch Meter

First	15,000 Gallons @	\$105.80 minimum
Over	15,000 Gallons @	\$5.53 per 1,000 Gallons

Wholesale Water Rate \$2.85 per 1000 Gallons

6/15

BID TABULATION
Phase 12 Water Line Extension
Morgan County Water District
5/6/2008

We certify that, to the best of our knowledge, the bid tabulation is an accurate representation of the bids received on May 6, 2008.

Page

NO.	ITEM	QUANT.	UNIT	H2O Construction Co, Inc.		R. Risner Construction Inc.		Stotts Construction Co Inc		B.P. Pipeline, LLC		Southern Back	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	6-in. PVC SDR 21 Class 200 p.s.i.	1,600	LF	\$6.59	\$10,544.00	\$6.84	\$10,944.00	\$7.85	\$12,560.00	\$9.35	\$14,960.00	\$9.01	
2	6-in. PVC SDR 17 Class 250 p.s.i.	33,000	LF	7.58	\$250,140.00	7.25	\$239,250.00	8.60	\$283,800.00	10.35	\$341,550.00	9.82	\$
3	6-in. PVC C-900 Class 200 p.s.i.	19,500	LF	8.64	\$168,480.00	8.47	\$165,165.00	9.55	\$186,225.00	11.35	\$221,325.00	11.00	\$
4	4-in. PVC SDR 21 Class 200 p.s.i.	6,300	LF	4.83	\$30,429.00	4.89	\$30,807.00	6.35	\$40,005.00	6.15	\$38,745.00	5.00	
5	4-in. PVC SDR 17 Class 250 p.s.i.	27,940	LF	5.12	\$143,052.80	4.94	\$138,023.60	6.65	\$185,801.00	6.65	\$185,801.00	4.83	
6	4-in. PVC C-900 Class 200 p.s.i.	58,530	LF	5.90	\$345,327.00	5.70	\$333,621.00	7.30	\$427,269.00	7.20	\$421,416.00	5.30	\$
7	3-in. PVC SDR 21 Class 200 p.s.i.	4,100	LF	4.35	\$17,835.00	4.25	\$17,425.00	5.85	\$23,985.00	4.85	\$19,885.00	4.00	
8	3-in. PVC SDR 17 Class 250 p.s.i.	41,900	LF	4.52	\$189,388.00	4.35	\$182,265.00	6.05	\$253,495.00	5.15	\$215,785.00	4.51	\$
9	2-in. PVC SDR 17 Class 250 p.s.i.	1,900	LF	4.28	\$8,132.00	4.11	\$7,809.00	4.55	\$8,645.00	5.35	\$10,165.00	3.50	
10	12-in. Steel Casing Unclassified Bore & Jack	245	LF	100.00	\$24,500.00	89.00	\$21,805.00	65.00	\$15,925.00	80.00	\$19,600.00	90.00	:
11	10-in. Steel Casing Unclassified Bore & Jack	845	LF	100.00	\$84,500.00	87.00	\$73,515.00	60.00	\$50,700.00	80.00	\$67,600.00	75.00	:
12	8-in. Steel Casing Unclassified Bore & Jack	245	LF	100.00	\$24,500.00	85.00	\$20,825.00	55.00	\$13,475.00	75.00	\$18,375.00	75.00	:
13	8-in. Steel Casing Unclassified Open Cut	95	LF	45.00	\$4,275.00	45.00	\$4,275.00	30.00	\$4,275.00	40.00	\$3,800.00	45.00	
14	Creek Crossing Type A	15	LF	20.00	\$300.00	42.00	\$630.00	30.00	\$450.00	20.00	\$300.00	40.00	
15	Creek Crossing Type B	1,725	LF	25.00	\$43,125.00	45.00	\$77,625.00	40.00	\$69,000.00	30.00	\$51,750.00	90.00	\$
16	6-in. Gate Valve & Box	26	EA	650.00	\$16,900.00	660.00	\$17,160.00	600.00	\$15,600.00	600.00	\$15,600.00	575.00	\$
17	4-in. Gate Valve & Box	37	EA	550.00	\$20,350.00	560.00	\$20,720.00	525.00	\$19,425.00	580.00	\$21,460.00	485.00	\$
18	3-in. Gate Valve & Box	15	EA	500.00	\$7,500.00	525.00	\$7,875.00	490.00	\$7,350.00	550.00	\$8,250.00	410.00	
19	2-in. Gate Valve & Box	3	EA	375.00	\$1,125.00	482.00	\$1,446.00	500.00	\$1,500.00	500.00	\$1,500.00	370.00	
20	Fire Hydrant, 3 Nozzle	6	EA	2,800.00	\$16,800.00	2,800.00	\$16,800.00	2,300.00	\$13,800.00	2,500.00	\$15,000.00	3,200.00	\$
21	6-in. Blowoff Assembly	1	EA	1,300.00	\$1,300.00	1,000.00	\$1,000.00	660.00	\$660.00	1,000.00	\$1,000.00	1,100.00	
22	4-in. Blowoff Assembly	22	EA	1,200.00	\$26,400.00	800.00	\$17,600.00	575.00	\$12,650.00	700.00	\$15,400.00	900.00	\$
23	3-in. Blowoff Assembly	13	EA	1,100.00	\$14,300.00	750.00	\$9,750.00	550.00	\$7,150.00	680.00	\$8,840.00	890.00	\$
24	2-in. Blowoff Assembly	4	EA	1,000.00	\$4,000.00	750.00	\$3,000.00	525.00	\$2,100.00	680.00	\$2,720.00	850.00	
25	Meter Setting Same Side	50	EA	650.00	\$32,500.00	600.00	\$30,000.00	700.00	\$35,000.00	700.00	\$35,000.00	720.00	\$
26	Meter Setting Opposite Side	50	EA	725.00	\$36,250.00	850.00	\$42,500.00	900.00	\$45,000.00	800.00	\$40,000.00	1,600.00	\$
27	Creek Crossing Meter Setting	1	EA	800.00	\$800.00	1,000.00	\$1,000.00	900.00	\$900.00	900.00	\$900.00	750.00	
28	Additional Service Tubing	2,000	LF	3.44	\$6,880.00	4.35	\$8,700.00	5.00	\$10,000.00	4.00	\$8,000.00	4.20	
29	Connection To Existing Line	27	EA	1,200.00	\$32,400.00	1,825.00	\$49,275.00	1,200.00	\$32,400.00	1,000.00	\$27,000.00	1,850.00	\$
30	Pressure Reducing Station	1	EA	17,000.00	\$17,000.00	16,500.00	\$16,500.00	14,000.00	\$14,000.00	15,000.00	\$15,000.00	16,000.00	\$
31	Gravel Replacement	25,000	LF	0.45	\$11,250.00	3.50	\$87,500.00	2.00	\$50,000.00	1.00	\$25,000.00	3.00	\$
32	Blacktop Replacement	200	LF	27.00	\$5,400.00	25.00	\$5,000.00	30.00	\$6,000.00	10.00	\$2,000.00	40.00	:
33	6-inch Joint Restraint	80	EA	40.00	\$3,200.00	60.00	\$4,800.00	80.00	\$6,400.00	30.00	\$2,400.00	65.00	:
34	4-inch and 3-inch Joint Restraint	150	EA	25.00	\$3,750.00	60.00	\$9,000.00	60.00	\$9,000.00	22.00	\$3,300.00	56.00	:
Total Construction Cost					\$1,602,632.80		\$1,673,610.60		\$1,863,120.00		\$1,879,427.00		\$1,

BID TABULATION

Phase 12 Water Line Extension
 Morgan County Water District
 5/6/2008

NO.	ITEM	QUANT.	UNIT	D.F. Bailey, Inc.		Clay Pipeline, Inc.		Tilton Excavating, LLC		Kenney, Inc.		Kinder Constructi	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	6-in. PVC SDR 21 Class 200 p.s.i.	1,600	LF	\$8.18	\$13,088.00	\$9.25	\$14,800.00	\$9.85	\$15,760.00	\$9.20	\$14,720.00	\$8.94	\$
2	6-in. PVC SDR 17 Class 250 p.s.i.	33,000	LF	9.05	\$298,650.00	9.60	\$316,800.00	10.68	\$352,440.00	10.31	\$340,230.00	9.96	\$
3	6-in. PVC C-900 Class 200 p.s.i.	19,500	LF	10.23	\$199,485.00	9.75	\$190,125.00	11.91	\$232,245.00	11.09	\$216,255.00	11.48	\$
4	4-in. PVC SDR 21 Class 200 p.s.i.	6,300	LF	5.24	\$33,012.00	6.50	\$40,950.00	5.54	\$34,902.00	6.99	\$44,037.00	6.67	\$
5	4-in. PVC SDR 17 Class 250 p.s.i.	27,940	LF	5.59	\$156,184.60	6.70	\$187,198.00	5.78	\$161,493.20	7.36	\$205,638.40	6.97	\$
6	4-in. PVC C-900 Class 200 p.s.i.	58,530	LF	6.33	\$370,494.90	7.50	\$438,975.00	6.65	\$389,224.50	8.12	\$475,263.60	8.36	\$
7	3-in. PVC SDR 21 Class 200 p.s.i.	4,100	LF	4.30	\$17,630.00	6.85	\$28,085.00	4.90	\$20,090.00	6.15	\$25,215.00	6.03	\$
8	3-in. PVC SDR 17 Class 250 p.s.i.	41,900	LF	4.52	\$189,388.00	6.00	\$251,400.00	5.14	\$215,366.00	6.45	\$270,255.00	6.79	\$
9	2-in. PVC SDR 17 Class 250 p.s.i.	1,900	LF	3.55	\$6,745.00	6.00	\$11,400.00	4.49	\$8,531.00	5.85	\$11,115.00	5.64	\$
10	12-in. Steel Casing Unclassified Bore & Jack	245	LF	107.35	\$26,300.75	88.00	\$21,560.00	80.00	\$19,600.00	110.00	\$26,950.00	115.39	\$
11	10-in. Steel Casing Unclassified Bore & Jack	845	LF	90.70	\$76,641.50	85.00	\$71,825.00	80.00	\$67,600.00	110.00	\$92,950.00	113.19	\$
12	8-in. Steel Casing Unclassified Bore & Jack	245	LF	85.24	\$20,883.80	85.00	\$20,825.00	75.00	\$18,375.00	99.00	\$24,255.00	109.91	\$
13	8-in. Steel Casing Unclassified Open Cut	95	LF	45.71	\$4,342.45	45.00	\$4,275.00	35.00	\$3,325.00	44.00	\$4,180.00	93.11	\$
14	Creek Crossing Type A	15	LF	19.30	\$289.50	50.00	\$750.00	50.00	\$750.00	44.00	\$660.00	125.21	\$
15	Creek Crossing Type B	1,725	LF	45.34	\$78,211.50	50.00	\$86,250.00	80.00	\$138,000.00	44.00	\$75,900.00	53.84	\$
16	6-in. Gate Valve & Box	26	EA	612.80	\$15,932.80	765.00	\$19,890.00	500.00	\$13,000.00	660.00	\$17,160.00	847.78	\$
17	4-in. Gate Valve & Box	37	EA	493.67	\$18,265.79	670.00	\$24,790.00	450.00	\$16,650.00	578.00	\$21,386.00	661.84	\$
18	3-in. Gate Valve & Box	15	EA	435.49	\$6,532.35	645.00	\$9,675.00	400.00	\$6,000.00	488.00	\$7,320.00	612.68	\$
19	2-in. Gate Valve & Box	3	EA	351.93	\$1,055.79	570.00	\$1,710.00	350.00	\$1,050.00	440.00	\$1,320.00	507.92	\$
20	Fire Hydrant, 3 Nozzle	6	EA	2,784.01	\$16,704.06	3,500.00	\$21,000.00	2,800.00	\$16,800.00	2,640.00	\$15,840.00	3,528.42	\$
21	6-in. Blowoff Assembly	1	EA	1,081.83	\$1,081.83	1,120.00	\$1,120.00	1,000.00	\$1,000.00	1,100.00	\$1,100.00	981.29	\$
22	4-in. Blowoff Assembly	22	EA	855.34	\$18,817.48	965.00	\$21,230.00	900.00	\$19,800.00	660.00	\$14,520.00	822.25	\$
23	3-in. Blowoff Assembly	13	EA	783.20	\$10,181.60	925.00	\$12,025.00	850.00	\$11,050.00	660.00	\$8,580.00	712.58	\$
24	2-in. Blowoff Assembly	4	EA	642.74	\$2,570.96	875.00	\$3,500.00	750.00	\$3,000.00	660.00	\$2,640.00	606.87	\$
25	Meter Setting Same Side	50	EA	534.61	\$26,730.50	620.00	\$31,000.00	800.00	\$40,000.00	660.00	\$33,000.00	567.30	\$
26	Meter Setting Opposite Side	50	EA	686.72	\$34,336.00	750.00	\$37,500.00	1,000.00	\$50,000.00	715.00	\$35,750.00	744.80	\$
27	Creek Crossing Meter Setting	1	EA	615.08	\$615.08	820.00	\$820.00	1,000.00	\$1,000.00	770.00	\$770.00	874.93	\$
28	Additional Service Tubing	2,000	LF	6.13	\$12,260.00	6.00	\$12,000.00	4.50	\$9,000.00	4.40	\$8,800.00	4.16	\$
29	Connection To Existing Line	27	EA	1,699.66	\$45,890.82	1,800.00	\$48,600.00	2,000.00	\$54,000.00	1,320.00	\$35,640.00	1,403.12	\$
30	Pressure Reducing Station	1	EA	16,832.21	\$16,832.21	17,000.00	\$17,000.00	20,000.00	\$20,000.00	16,500.00	\$16,500.00	16,704.12	\$
31	Gravel Replacement	25,000	LF	8.67	\$216,750.00	3.00	\$75,000.00	5.00	\$125,000.00	4.40	\$110,000.00	5.36	\$
32	Blacktop Replacement	200	LF	28.00	\$5,600.00	50.00	\$10,000.00	25.00	\$5,000.00	16.50	\$3,300.00	34.60	\$
33	6-inch Joint Restraint	80	EA	39.83	\$3,186.40	100.00	\$8,000.00	100.00	\$8,000.00	33.00	\$2,640.00	52.75	\$
34	4-inch and 3-inch Joint Restraint	150	EA	29.67	\$4,450.50	100.00	\$15,000.00	80.00	\$12,000.00	33.00	\$4,950.00	44.75	\$
Total Construction Cost					\$1,949,141.17		\$2,055,078.00		\$2,090,051.70		\$2,168,840.00		\$