



**SISLER-MAGGARD ENGINEERING, PLLC**

220 EAST REYNOLDS ROAD, SUITE A3

LEXINGTON, KY 40517

(859) 271-2978

Fax (859) 271-5670

**Email: [sme@sislermaggard.com](mailto:sme@sislermaggard.com)**

October 19, 2010

Public Service Commission  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, KY 40602-0615

RECEIVED

OCT 20 2010

PUBLIC SERVICE  
COMMISSION

Attn: Jeff Derouen, Executive Director

**In re: Hyden – Leslie County Water District  
Water System Improvements  
PSC Case # 2010-00384  
SME # 03001**

Mr. Derouen:

Per the request by Mr. Wakim:

The water treatment plant will be operating at 1.5 MGD it will have redundant capacity as required by the KY DOW.

The transmission main will be 16" until it crosses the river and will then be 12". Please see attached bid tab.

The proposed project cost is \$10,400,000.

The total current number of customers are listed in the FER.

Please find attached the bid tabs.

Sincerely,

Michael K. Maggard  
Project engineer

Enclosures

CC: Leihman Howard, Jr., Manager HLCWD w/enclosure

**BID TABULATION**  
**CONTRACT 4 - WATER TRANSMISSION LINE**  
**HYDEN-LESLIE COUNTY WATER DISTRICT**

BID OPENING 1:00 P.M. on July 21, 2009

ITEM NO.	ITEM DESCRIPTION	ENGINEERS ESTIMATE			BP PIPELINE KY		QUINCY, GARRISON CONSTRUCTION CO., INC. GREENSBURG, KY		KENNEY INC. MT. STERLING, KY		AKINS EXCAVATING CO., INC. CORBIN, KY		LAUREL CONSTRUCTION CO., INC. LONDON, KY		
		UNIT QUANTITY		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	16" W.L. C-900 DR18 PVC	1,700	LF	\$37.00	\$62,900.00	\$40.00	\$68,000.00	\$41.80	\$71,060.00	\$61.50	\$104,550.00	\$49.80	\$84,660.00	\$78.00	\$132,600.00
2	12" W.L. C-900 DR 18 PVC	7,500	LF	\$35.00	\$262,500.00	\$34.00	\$255,000.00	\$30.97	\$232,275.00	\$34.00	\$255,000.00	\$46.20	\$346,500.00	\$68.00	\$510,000.00
3	12" GATE VALVES	2	EA	\$1,800.00	\$3,600.00	\$2,400.00	\$4,800.00	\$1,801.80	\$3,603.60	\$2,000.00	\$4,000.00	\$2,314.00	\$4,628.00	\$1,500.00	\$3,000.00
4	GATE VALVES W/METER ASSEMBLY (ALL SIZES) (LEAK DETECTION ASSEMBLY)	1	EA	\$3,500.00	\$3,500.00	\$7,000.00	\$7,000.00	\$7,529.50	\$7,529.50	\$6,500.00	\$6,500.00	\$9,440.00	\$9,440.00	\$4,000.00	\$4,000.00
5	BORE & JACK W/12" W.L. (20" STEEL CASING)	80	LF	\$150.00	\$12,000.00	\$200.00	\$16,000.00	\$338.47	\$27,077.60	\$200.00	\$16,000.00	\$377.00	\$30,160.00	\$220.00	\$17,600.00
6	PAVEMENT REPLACEMENT (HD) (COUNTY ROADS)	100	SY	\$50.00	\$5,000.00	\$60.00	\$6,000.00	\$38.50	\$3,850.00	\$95.00	\$9,500.00	\$38.00	\$3,800.00	\$40.00	\$4,000.00
7	PAVEMENT REPLACEMENT (LD) DRIVEWAYS, PARKING AREAS)	50	SY	\$40.00	\$2,000.00	\$60.00	\$3,000.00	\$38.50	\$1,925.00	\$55.00	\$2,750.00	\$18.70	\$935.00	\$40.00	\$2,000.00
8	CONCRETE SURFACE REPLACEMENT	50	SY	\$60.00	\$3,000.00	\$100.00	\$5,000.00	\$55.00	\$2,750.00	\$100.00	\$5,000.00	\$9.00	\$450.00	\$50.00	\$2,500.00
9	GRAVEL SURFACE REPLACEMENT	50	SY	\$10.00	\$500.00	\$10.00	\$500.00	\$27.50	\$1,375.00	\$45.00	\$2,250.00	\$8.00	\$400.00	\$15.00	\$750.00
10	CONCRETE ENCASEMENT	50	LF	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$66.00	\$3,300.00	\$50.00	\$2,500.00	\$28.00	\$1,400.00	\$40.00	\$2,000.00
11	TIE NEW 12" TO EXISTING 12"	2	EA	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$2,750.00	\$5,500.00	\$650.00	\$1,300.00	\$500.00	\$1,000.00	\$6,000.00	\$12,000.00
12	TIE NEW 16" TO EXISTING 12" WET TAP	1	EA	\$3,750.00	\$3,750.00	\$4,000.00	\$4,000.00	\$8,250.00	\$8,250.00	\$4,900.00	\$4,900.00	\$7,416.00	\$7,416.00	\$8,000.00	\$8,000.00
13	LARGE STREAM CROSSING (20") (HDPE)	300	LF	\$100.00	\$30,000.00	\$120.00	\$36,000.00	\$225.50	\$67,650.00	\$190.00	\$57,000.00	\$300.00	\$90,000.00	\$450.00	\$135,000.00
14	FIRE HYDRANT ASSEMBLY W/GATE VALVE	2	EA	\$2,500.00	\$5,000.00	\$3,600.00	\$7,200.00	\$3,822.50	\$7,645.00	\$4,000.00	\$8,000.00	\$4,226.00	\$8,452.00	\$2,500.00	\$5,000.00
15	RECONNECT METER	20	EA	\$500.00	\$10,000.00	\$600.00	\$12,000.00	\$781.00	\$15,620.00	\$970.00	\$19,400.00	\$400.00	\$8,000.00	\$800.00	\$16,000.00
<b>TOTAL AMOUNT BID (ITEMS 1-15)</b>					<b>\$413,250.00</b>		<b>\$435,000.00</b>		<b>\$459,410.70</b>		<b>\$498,650.00</b>		<b>\$597,241.00</b>		<b>\$854,450.00</b>

Certification: Sisler-Maggard Engineering, PLLC  
 We hereby certify that the above bid tabulations accurately represents bids received, except for noted corrections, and the bids were promptly opened and read.

\_\_\_\_\_  
 JOSEPH F. SISLER, P.E.  
 SENIOR ENGINEER

BID OPENING 1:00 P.M. on July 21, 2009

ITEM NO.	ITEM DESCRIPTION	ENGINEERS ESTIMATE			KNIGHT ELECTRIC, INC. RUSSELLVILLE, KY		LAUREL CONSTRUCTION CO., INC. LONDON, KY		KENTUCKY GLASS LINED TANK LEXINGTON, KY		THE CROM CORPORATION GAINESVILLE, FL		FISHER TANK COMPANY CROPWELL, AL		WELDING INC. CHARLESTON, WV	
		UNIT QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	1,000,000 GALLON GROUND STORAGE TANK	1 LS	\$800,000.00	\$800,000.00	\$773,307.00	\$773,307.00	\$791,000.00	\$791,000.00	\$838,491.00	\$838,491.00	\$1,000,000.00	\$1,000,000.00	\$1,242,400.00	\$1,242,400.00	\$1,335,000.00	\$1,335,000.00
TOTAL AMOUNT BID (ITEMS 1)				\$800,000.00		\$773,307.00		\$791,000.00		\$838,491.00		\$1,000,000.00		\$1,242,400.00		\$1,335,000.00

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 JOSEPH F. SISLER, P.E.  
 SENIOR ENGINEER

**BID TABULATION  
 CONTRACT 6 - WATER TREATMENT PLANT  
 HYDEN-LESLIE COUNTY WATER DISTRICT**

SME No : 03001  
 1 of 1

RE-BID OPENING 10:00 A.M. September 3, 2009

ITEM NO.	ITEM DESCRIPTION	ENGINEERS ESTIMATE			Judy Construction Company Cynthiana, KY		Kay & Kay Contracting, LLC London, KY		B.P. Pipeline, LLC Quincy, KY		Smith Contractors, Inc. Lawrenceburg, KY		
		UNIT QUANTITY		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	Raw Water Intake and Pumps, Furnish & Install Complete	1	LS	\$250,000.00	\$250,000.00	\$325,000.00	\$325,000.00	\$373,000.00	\$373,000.00	\$144,393.00	\$144,393.00	\$1,200,000.00	\$1,200,000.00
2	High Service Pumps, Furnish & Install Complete	1	LS	\$130,000.00	\$130,000.00	\$130,000.00	\$130,000.00	\$138,500.00	\$138,500.00	\$142,000.00	\$142,000.00	\$600,000.00	\$600,000.00
3	Sludge Lagoons, Furnish & Install Complete	1	LS	\$250,000.00	\$250,000.00	\$475,000.00	\$475,000.00	\$318,000.00	\$318,000.00	\$349,000.00	\$349,000.00	\$500,000.00	\$500,000.00
4	Electrical Service to and Including WTP and auxiliary units, Furnish & Install Complete	1	LS	\$500,000.00	\$500,000.00	\$675,000.00	\$675,000.00	\$213,500.00	\$213,500.00	\$560,880.00	\$560,880.00	\$585,000.00	\$585,000.00
5	Telemetry/SCADA, Furnish & Install Complete	1	LS	\$40,000.00	\$40,000.00	\$75,000.00	\$75,000.00	\$59,000.00	\$59,000.00	\$49,500.00	\$49,500.00	\$40,000.00	\$40,000.00
6	Yard Piping Complete	1	LS	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00	\$246,500.00	\$246,500.00	\$289,000.00	\$289,000.00	\$300,000.00	\$300,000.00
7	Actiflo Units (2-1.5 MGD Trains) (Material only allowance)	1	LS	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00	\$1,235,980.00
8	36" Caissons, Furnish & Install Complete	3,200	LF	\$75.00	\$240,000.00	\$150.00	\$480,000.00	\$138.00	\$441,600.00	\$75.00	\$240,000.00	\$50.00	\$160,000.00
9	Caissons (2" Test Holes) Install Complete	550	LF	\$25.00	\$13,750.00	\$25.00	\$13,750.00	\$22.00	\$12,100.00	\$35.00	\$19,250.00	\$25.00	\$13,750.00
10	Concrete Work for ALL WTP and Contact Tanks	1	LS	\$350,000.00	\$350,000.00	\$800,000.00	\$800,000.00	\$1,112,000.00	\$1,112,000.00	\$410,769.00	\$410,769.00	\$1,820,000.00	\$1,820,000.00
11	WTP - Masonary Work, Complete	1	LS	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$40,000.00	\$40,000.00	\$89,176.00	\$89,176.00	\$100,000.00	\$100,000.00
12	WTP - Pre-Eng. Bldgs. Complete	1	LS	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00	\$423,500.00	\$423,500.00	\$200,630.00	\$200,630.00	\$200,000.00	\$200,000.00
13	Site Work Complete	1	LS	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$206,500.00	\$206,500.00	\$26,500.00	\$26,500.00	\$500,000.00	\$500,000.00
14	WTP Remaining to complete project	1	LS	\$2,500,000.00	\$2,500,000.00	\$2,966,270.00	\$2,966,270.00	\$3,009,120.00	\$3,009,120.00	\$4,185,778.00	\$4,185,778.00	\$1,879,270.00	\$1,879,270.00
<b>TOTAL AMOUNT BID (ITEMS 1-14)</b>					<b>\$5,909,730.00</b>		<b>\$7,686,000.00</b>		<b>\$7,829,300.00</b>		<b>\$7,942,856.00</b>		<b>\$9,134,000.00</b>

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 JOSEPH F. SISLER, P. E.