

**EAST SEVIER COUNTY UTILITY DISTRICT
BOARD OF COMMISSIONERS MEETING
JAN 10, 2019
5:30 P.M.**

AGENDA

- 1) Call to Order by President Roy Ivey
- 2) Motion to approve the minutes of the December 13, 2018 meeting
- 3) Motion to approve the Accounts Payable Listing in total as submitted

REPORTS:

- 4) Alliance Water Resources – Financial Report / Operations

PERSONS TO BE HEARD:

****ONE AT A TIME AS RECOGNIZED****

When it is your turn to speak, please stand and state your name.

Please be considerate of others that may wish to speak by keeping your comments brief.

- 5) Customers' Comments; Questions; and Concerns

OLD BUSINESS:

- 6) None

NEW BUSINESS:

- 7) Alpine Drive Bid Approval
- 8) Well C Sewer Bid Approval
- 9) Project Updates
- 10) Adjournment – Next regular meeting to be held on Thursday, Feb 14, 2019 – 5:30 p.m.

MINUTES

BOARD OF COMMISSIONERS OF THE EAST SEVIER COUNTY UTILITY DISTRICT

Thursday, December 13, 2018

The Board of Commissioners of the East Sevier County Utility District met at 5:30 p.m. on Thursday, December 13, 2018, in the Office of The East Sevier County Utility District, 1529 Alpine Drive, Sevierville, TN 37876. Commissioners present were Roy Ivey, President; Barbara Darby, Secretary/Treasurer; and Janice Brooks-Headrick.

President Roy Ivey called the meeting to order at 5:30 p.m. for any old or new business.

A motion to approve the minutes of the November 08, 2018, meeting was made by Barbara Darby; Janice Brooks-Headrick seconded the motion. Motion carried.

A motion to approve the Accounts Payable listing in total as submitted was made by Barbara; Janice seconded the motion. Motion carried.

Reports

James Ford, Local Manager, submitted his report concerning District financials. He went over several points with the commissioners.

James submitted his District operations report. James has been trained on “One Call” to better serve our customers. Treatment at the wells is monitored daily; treatment at the wastewater plant is effective. TDEC conducted an inspection of the English Mountain wastewater facility. We await the final report, but all seemed positive. We also coordinated board member training through TAUD.

In addition, we successfully addressed a sewer problem on Basswood, repaired a ¼” chlorine line at Well D, installed two pump kits at offsite communities; and began construction of a “doghouse” to protect the Well C wellhead. The Well D footprint has been expanded to include Lin Creek, Rich Mountain, and Darvan Way.

We worked with McGill & Associates to ensure the Well C project moves as quickly as possible. The monthly Water and Wastewater reports were successfully submitted to the Tennessee Department of Environment and Conservation.

We are working with TDEC and Sevier County to continue quality service at our offsite resort communities. We installed two taps at Sherwood Forest.

Darrell Baker has obtained collections licensing; Nick Jarrett and Seth Self are working to get licensing. All certifications need to operate the utility are now held onsite by James Ford and Darrell Baker.

Persons to be Heard

David Flowers of 1519 Black Oak Drive asked what he has to do to get a new account going. His last account was written off for bad debt on March 07, 2017. Staff will make a decision reflective of policy, and David will be notified.

Old Business

There was no old business to discuss.

New Business

Evan discussed project updates. Earlier this month, McGill sent us a *Recommendation of Award, Well C Improvements* letter stating that Innovative Wastewater Solutions, Inc. (IWS, Inc.) provided all the necessary bid documentation that was required in the bidding documents. According to the Tennessee Department of Commerce & Insurance license search and verification web site, IWS, Inc. holds an appropriate contractor's license in the State of Tennessee, which qualifies them to perform this work.

Their base bid amount was \$185,192. Based on McGill's review of the qualifications of Innovative Wastewater Solutions, Inc., it appears that the company has the experience and capability to perform the work required for this project. Barbara Darby motioned to approve the Well C project bid by Innovative Wastewater Solutions, Inc. as presented; Janice seconded the motion. Motion carried.

As a result of the Well C project bid being higher than engineering estimates, we will adjust the extent of the Alpine Drive distribution line project to offset the increased Well C rehab costs. TDEC tells us that Well C's filter backwash waste has to go into the sewer system. The bid for construction of the sewer line by the Well C rehab contractor is \$60,000. We will seek other bids for this work.

Evan explained that there may be minor cost overages in the Well C rehab that will not be covered by the USDA funds. Barbara motioned to take the overage out of District funds; Janice seconded the motion. Motion carried. Evan said they will keep expenses at a minimum.

Evan discussed the WWTP facility project with the Commissioners. The funds for the McGill and attorney invoices will come from the Draw 3, \$40,743, grant money. Janice motioned to approve the draw and the use of these funds for the aforementioned invoices; Barbara seconded the motion. Motion carried.

Evan made a few points concerning the Draft Audit. The financial state of the District was discussed. Evan referred to the Findings near the end of the Draft. Finding One discusses the lack of current contracts with offsite sewer locations. Evan stated that the District's response is to have the new contracts as approved by TDEC and the District's

attorney approved in 2019. A template of the contract has been established with TDEC's approval of the Hibernation Station contract. The second Finding referred to a lack of metered customers. Evan explained that our response to the auditor is that all customers are now metered. Barbara asked what happens if the HOA does not agree with the terms of the contract. Evan stated that TDEC will not issue the permit until an agreed-upon contract is in place.

Evan noted that this version of the Audit is a Draft. The Final Audit will be available for review and approval at the next meeting. Barbara motioned to accept, and Janice seconded, the draft of the 2017 Audit. Motion carried.

The next regular meeting will be held on, Thursday, January 10, 2019, at 5:30 p.m.

Adjournment

Roy Ivey moved, and Barbara Darby seconded, a motion to adjourn at 5:53 p.m. Motion carried.

Secretary-Treasurer

East Sevier County Utility District
10-Jan-19

Regular Checking for Consideration		Total
Barbara Darby	Meeting fee	\$ 266.05
Janice Brooks-Headrick	Meeting fee	\$ 277.05
Roy Ivey	Meeting fee	\$ 266.05
Barbara Darby	Insurance payment	\$ 350.00
Janice Brooks-Headrick	Insurance payment	\$ 350.00
Roy Ivey	Insurance payment	\$ 350.00
Alliance Water Resources, Inc	January 2019 Services, Inv# 8144	\$ 38,640.00
The Mountain Press	Board Meeting Notice Ad# 30844266 run on 12/08/18	\$ 19.41
First Tennessee Bank	Alpine Drive Fund	\$ 2,000.00
Orenco	Sewer Kit Parts, Inv# 348796, dated 12/13/18, S & H \$61.23	\$ 160.87
Labtronx	A/A Asset Calibration-Annual, Inv# 14348, dated 09/28/18	\$ 900.00
Power Pumping	Pump and Haul, Inv# 7244, dated 12/05/18	\$ 800.00
TDEC	Sewer Operating Permits, Inv#491165, dated 12/15/18	\$ 3,850.00
Mark Jendrek	Legal Fees, Inv# 15343, \$82.50; 15344, \$275.00	\$ 852.50
Larry Smith, Customer	Deposit Refund, Acct# 1-7900-3	\$ 105.00
Total Regular Checking Charges and Bills Paid		\$ 49,186.93

Charges and Bills Paid from Regular Checking Since December 13, 2018

Sims Tractor	Purchase Cub Cadet ATV, 12/28/18	\$ 11,525.00
Sevier County Clerk	Tags for Cub Cadet, 12/28/18	\$ 32.25
Sevier County Electric	Utility	\$ 2,906.39
Sevier County Water	Utility	\$ 41.16
Appalachian Electric	Utility	\$ 115.16
City of Pigeon Forge Water & Sewer	Utility	\$ 29.12
State of Tennessee	State Sales Tax-Dec18	\$ 1,398.00
Total Regular Checking Since December 13, 2018		\$ 16,047.08
Grand Total Regular Checking		\$ 65,234.01

East Sevier County Utility District
Balance Sheet
November 30, 2018

11/30/2018

ASSETS

CURRENT ASSETS

Checking Account - Operations	\$238,847.61
Checking Account - Alpine Rd Funding	56,384.82
Cash on Hand	60.00

Total Cash **295,292.43**

Accounts Receivable	233,525.71
Allowance for Doubtful Accts	(46,833.35)
Unbilled Accounts Receivable	4,709.00
Inventory	23,934.15
Prepaid Expenses	5,448.84

Total Current Assets **516,076.78**

PROPERTY, PLANT & EQUIPMENT

Land	31,657.80
Distribution & Collection System	1,247,448.86
Buildings	69,235.68
Machinery & Equipment	113,820.68
Vehicles & Trailer(s)	49,747.58
Construction Work in Progress	197,415.18
Less: Accumulated Depreciation	(667,656.00)

Net Property, Plant & Equipment **1,041,669.78**

RESTRICTED CASH

Checking Account - Waste Water Project	338.37
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Total Restricted Cash **338.37**

OTHER ASSETS

Deposits	14,370.00
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Total Other Assets **14,370.00**

Total Assets **\$1,572,454.93**

East Sevier County Utility District
Balance Sheet
November 30, 2018

11/30/2018

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$10,192.58
Sales Tax Payable	1,026.73
Payroll Taxes Payable	765.13
Unearned Revenue	22,709.00
Accrued Interest Payable	13,751.75
Customer Deposits	29,530.00
<i>Total Current Liabilities</i>	<u>77,975.19</u>

LONG-TERM DEBT

USDA 2018 Loan #1	98,899.11
USDA 2017 Loan #2	238,190.39
USDA 2017 Loan #3	185,664.00
<i>Total Long-Term Debt</i>	<u>522,753.50</u>

Total Liabilities

600,728.69

DISTRICT'S EQUITY

Retained Earnings	827,620.12
YTD Net Income	144,106.12
<i>Total District's Equity</i>	<u>971,726.24</u>

Total Liabilities and District's Equity

\$1,572,454.93

East Sevier County Utility District
Statements of Revenues and Expenses
For the Five Months Ending November 30, 2018
Actual vs Budget

November

YTD

**Annual
Budget**

November			YTD		Annual Budget
Actual	Budget		Actual	Budget	
		Operating Revenues			
\$15,815	\$17,085	Water Sales	\$84,208	\$104,907	\$251,290
66,658	37,977	Sewer Charges	272,142	182,192	444,900
750	0	Connection Fees - Water	3,000	2,500	2,500
1,250	1,146	Connection Fees - Sewer	8,000	5,729	13,750
752	1,543	Late Charge Fees	4,482	7,715	18,517
3,088	923	Reconnect/Meter Sets/Other Fees	61,885	4,613	11,072
0	200	Miscellaneous Income	0	1,000	2,400
88,313	58,874	Total Operating Revenues	433,717	308,656	744,429
		Operating Expenses			
0	0	Unemployment Benefits	550	0	0
0	0	Training	975	0	0
159	583	Payroll Taxes	797	2,917	7,000
38,640	38,640	Management & Operations Contract	193,200	193,200	463,680
3,021	3,994	Utilities	17,122	19,972	47,933
2,043	1,667	Insurance	10,216	8,333	20,000
1,500	5,215	Repairs & Maintenance	11,770	26,077	62,584
0	417	Professional Outside Services	0	2,083	5,000
2,082	1,800	Directors' Fees	10,412	9,000	21,600
578	1,333	Legal Expenses	2,613	6,667	16,000
0	0	Accounting	0	7,300	7,300
1,167	1,167	Bad Debts	5,833	5,833	14,000
0	0	Dues	450	725	825
0	0	Office Expense	162	0	0
26	0	Advertising Expense	104	0	0
0	433	Permits	434	2,167	5,200
0	2,083	Miscellaneous Expense	0	10,417	25,000
49,216	57,332	Total Operating Expenses	254,638	294,691	696,122
39,097	1,542	Net Income B/4 Other (Inc) & Exp	179,079	13,965	48,307
		Other Income (Expenses)			
(1,335)	0	Interest Expense	(6,208)	0	0
(4,384)	(4,384)	Depreciation	(21,920)	(21,920)	(52,608)
0	(833)	Bond Issue Costs	(6,845)	(4,167)	(10,000)
(5,719)	(5,217)	Total Other Income (Expenses)	(34,973)	(26,087)	(62,608)
\$33,378	(\$3,675)	Net Income(Loss)	\$144,106	(\$12,122)	(\$14,301)

**East Sevier County Utility District, TN
Treasury Report**

Billing Charges For the Month of:	Nov-18	
Water Revenue		15,814.70
Sewer Revenue		66,658.40
Sales Taxes		1,398.35
Late Charges		751.56
Installation Fees-Water		750.00
Installation Fees-Sewer		1,250.00
Other Miscellaneous Fees		3,087.50
Returned Checks		202.48
Deposits Applied/Adjustments		-
Customer Refunds Paid		45.00
Total Billing Charges		<u>89,957.99</u>
Water Gallons Billed		<u>559,871</u>
Water Customers Billed		<u>244</u>
Sewer Gallons Billed		<u>423,320</u>
Sewer Customers Billed		<u>732</u>

Accounts Receivable	Nov-18	
Beginning Balance		60,872.06
Billing Charges		89,957.99
Bad Debt Recoveries (Write Offs)		-
Accounts Receivable Collections		(85,252.34)
End of Month Accounts Receivable		<u>65,577.71</u>

Water Revenue Checking	Nov-18	
Beginning Balance		211,445.97
Deposits:		
Accounts Receivable Collections		85,252.34
Customer Deposits		525.00
		<u>85,777.34</u>
Disbursements:		
Accounts Payable Checks		(51,552.38)
Auto Debit Charges-Utilities		(3,020.64)
Transfer to Alpine Road Funding		(2,000.00)
TN TAP - Sales Tax		(1,457.00)
Returned Checks		(195.68)
Refund Checks		(150.00)
End of Month Balance		<u>238,847.61</u>
Cash Receipts Collected To Date in:	Dec-18	85,233.65
Auto Debited Utilities in:	Dec-18	(3,091.83)
Bills Submitted for Payment in:	Dec-18	(52,125.60)
Available Balance		<u><u>268,863.83</u></u>

East Sevier County Utility District, TN
Treasury Report
Summary of Cash and Investments
November 30, 2018

Bank Account / Security	Maturity Date	Beginning Balance	Deposits	Interest Earned	Payments	Ending Balance
Checking Acct-Operations		211,445.97	85,777.34	-	(58,375.70)	238,847.61
Checking Acct-Alpine Road Funding		52,734.82	3,650.00	-	-	56,384.82
Checking Acct-Waste Water Plant		338.37	-	-	-	338.37
Cash on Hand		60.00	-	-	-	60.00
Total Cash and Investments		264,579.16	89,427.34	-	(58,375.70)	295,630.80

**EAST SEVIER COUNTY UTILITY DISTRICT
BILLING SUMMARY**

DATE	WATER REVENUE		WATER GALLONS (000s)		NO. OF CUSTMRS
	TOTAL	YTD TOTAL	TOTAL	YTD TOTAL	
Nov-18	16,729	90,411	560	3,929	244
Oct-18	18,202	73,683	813	3,369	245
Sep-18	18,540	55,481	824	2,556	242
Aug-18	17,728	36,941	725	1,732	241
Jul-18	19,213	19,213	1,007	1,007	239
Jun-18	17,497	240,128	656	7,639	240
May-18	17,161	222,630	666	6,983	240
Apr-18	16,979	205,469	564	6,317	241
Mar-18	18,079	188,489	506	5,753	240
Feb-18	19,247	170,410	648	5,247	242
Jan-18	19,832	151,164	537	4,599	244
Dec-17	31,082	131,331	594	4,062	242
Nov-17	16,327	100,249	569	3,468	241

**EAST SEVIER COUNTY UTILITY DISTRICT
BILLING SUMMARY**

DATE	SEWER REVENUE		SEWER GALLONS (000s)		NO. OF CUSTMRS	W&S CUSTMR RECEIPTS
	TOTAL	YTD TOTAL	TOTAL	YTD TOTAL		
Nov-18	43,187	235,501	423	3,070	732	85,252
Oct-18	44,670	192,314	617	2,647	741	94,066
Sep-18	48,090	147,644	644	2,030	722	78,157
Aug-18	47,707	99,554	582	1,386	722	84,746
Jul-18	51,847	51,847	804	804	711	91,069
Jun-18	53,337	405,532	455	6,017	716	79,251
May-18	35,762	352,195	514	5,562	615	63,370
Apr-18	33,480	316,433	428	5,048	580	63,500
Mar-18	32,824	282,952	422	4,620	571	61,372
Feb-18	34,017	250,128	559	4,198	569	48,994
Jan-18	31,418	216,111	447	3,639	570	56,853
Dec-17	18,626	184,692	487	3,192	567	52,522
Nov-17	34,617	166,066	440	2,705	564	57,755



OUR MISSION

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

**206 S. Keene
St. Columbia,
MO 65201**

(573)874-8080

OPERATIONS REPORT – East Sevier County Utility District

December 2018

Administrative

Staff continues to search for ways to streamline billing.

Treatment

Treatment at the wells is monitored daily.

Treatment at the wastewater plant is effective.

Collection/Distribution

Completed winterization of Well C.

Installed 100 feet of sewer pipe at Smoky Mountain Ridge.

Repaired asphalt at Douglas Lake Resort and Glasgow Street.

Installed two taps at Smoky Mountain Ridge.

Flushed the entire service area.

Installed new piping at Bear Creek Crossing WWTP.

Customer Service

Successfully responded to offsite Holiday callouts.

Project Updates

Bids have been received and are being reviewed for the sewer portion of the Well C improvement project.



OPERATIONS REPORT – East Sevier County Utility District

Safety

December's safety meeting was "Winter Driving Tips."

Regulatory

Monthly Water and Wastewater reports were successfully submitted to the Tennessee Department of Environment and Conservation.

Training

An operations training guide is underway, and to be placed at all of our well sites to ensure TDEC's requirements are being fulfilled.

Concerns for the Month

Continuing the offsite drip field evaluation for TDEC and Sevier County.

Positives for the Month

A senior member of the community thanked Local Manager for quality service and troubleshooting at her property.

Leak Repairs

Numerous offsite repairs were made.

EAST SEVIER COUNTY UTILITY DISTRICT
WATER SYSTEM IMPROVEMENTS
PROJECT BUDGET

EAST SEVIER COUNTY UTILITY DISTRICT WATER SYSTEM IMPROVEMENTS

BUDGET- WATER SYSTEM IMPROVEMENTS - WELL C & ALPINE DRIVE

JANUARY 2019

ITEMS PAID (PREVIOUSLY)		BUDGET	APPROX. COSTS
ALL ITEMS (AS OF 11/2018)		\$ -	\$ 422,204
		\$ -	\$ 422,204
BASE BIDS		BUDGET	COSTS
WELL C IMPROVEMENTS (FROM BID)		\$ 151,400	\$ 185,192
ALPINE DRIVE (FROM BID)		\$ 340,250	\$ 361,540
		\$ 491,650	\$ 546,732
ESTIMATE OF ADDITIVE/DEDUCTIVE ALTERNATES		BUDGET	COSTS
WELL C - SEWER LINE (FROM BID)		\$ -	\$ 25,250
WELL C - GENERATOR (ASSUMED)		\$ -	\$ 35,000
ALPINE DRIVE (WL DEDUCTS OF BASE BID + 1 ADD ALT ITEM) (FROM BID)		\$ -	\$ (82,880)
		\$ -	\$ (22,630)
WELL C IMPROVEMENTS (ENGINEERING SERVICES)		BUDGET	OUTSTANDING, REMAINING OR CHANGE ORDER
STUDY AND REPORT PHASE (003)		\$ 6,000	\$ -
PRELIMINARY AND FINAL DESIGN PHASE (033)		\$ 30,100	\$ -
BID AND AWARD PHASE (043)		\$ 8,640	\$ 860
CONSTRUCTION FIELD REPRESENTATION (052)		\$ 10,842	\$ 19,158
CONSTRUCTION ADMINISTRATION PHASE (053)		\$ 626	\$ 5,374
ADDITIONAL SERVICES (888)		\$ -	\$ 25,000
		\$ 56,208	\$ 50,392
ALPINE DRIVE IMPROVEMENTS (ENGINEERING SERVICES)		BUDGET	OUTSTANDING, REMAINING OR CHANGE ORDER
PRELIMINARY AND FINAL DESIGN PHASE (133)		\$ 31,200	\$ -
BID AND AWARD PHASE (143)		\$ 8,710	\$ 790
CONSTRUCTION FIELD REPRESENTATION (152)		\$ -	\$ 30,000
CONSTRUCTION ADMINISTRATION PHASE (153)		\$ -	\$ 6,000
		\$ 39,910	\$ 36,790
WATER SYSTEM IMPROVEMENTS			\$ 1,033,488

NOTE WE ARE PLANNING AN ENGINEERING AMENDMENT FOR THE WELL C PORTION OF THE PROJECT. OUR CONTRACT CALLED FOR A SINGLE BID FOR THE WELL C PROJECT. BECAUSE CONDITIONS BEYOND OUR CONTROL, THE WELL C PROJECT WAS DIVIDED INTO TWO BIDS
i) EMERGENCY WORK ii) CURRENT SUBMITTAL

East Sevier County Utility District Well Outfall Line Water System Improvements			Merkel Bros. Construction, Inc. 1107 Myers St. Greeneville, TN 37744		Galloway Excavation 2645 McGaha Hollow Rd. Dandridge, TN 37725	
DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
4-inch SDR35 pipe	650	LF	\$ 25.00	\$ 16,250.00		Included
4-inch SDR35 pipe w/full stone backfill	150	LF	\$ 35.00	\$ 5,250.00		Included
Clean-outs	7	EA	\$ 250.00	\$ 1,750.00		Included
Tie-ins	2	EA	\$ 1,000.00	\$ 2,000.00		Included
*Additional stone backfill, if needed		TN	\$ 30.00	TBD		
*Additional charges will apply only if run into rock and equipment						TBD
Total					\$ 25,250.00	\$ 32,000.00



Bids were received via email to McGill Associates, P.A. by Jamie Carden, PE



January 3, 2019

Mr. Roy Ivey, President
East Sevier County Utility District
1529 Alpine Drive
Sevierville, Tennessee 37876

RE: Recommendation of Award
Water System Improvements – Alpine Drive

Dear Mr. Ivey:

On November 6, 2018, formal bids were received by East Sevier County Utility District for the above-referenced project. A total of three (3) bids were received and opened. Please find the certified bid tab enclosed.

The bids are summarized as follows:

BIDDER	BASE BID AMOUNT	DEDUCTIVE ALTERNATES	ADDITIVE ALTERNATES
Merkel Bros. Construction, Inc.	\$ 361,540.00	\$ 9,200.00	\$ 7,000.00
Charles Blalock & Sons, Inc.	\$ 377,524.00 *	\$96,168.00	\$8,520.00
King General Contractors, Inc.	\$387,622.23	\$ 15,205.00	\$ 6,082.00

*Note: Mobilization amount required a correction; denoted in yellow

Merkel Bros. Construction, Inc. provided all the necessary bid documentation that was required in the bidding documents. According to the Tennessee Department of Commerce & Insurance license search and verification web site, Merkel Bros. holds an appropriate contractor’s license in the State of Tennessee which qualifies them to perform this work.

Based on our review of the qualifications of Merkel Bros. Construction, Inc., it appears that the company has the experience and capability to perform the work required for this project.

It is understood that the District would like to reduce the Base Bid to accommodate Well C construction activities within the same funding allotment. This will be done by issuance of Change Order 1 at the pre-construction meeting tentatively scheduled for January 24, 2019.

Therefore, we recommend that East Sevier County Utility District approve the award of this construction contract in the amount of \$ 365,540.00 (Base Bid + Additive Alternate 17B) to

E n g i n e e r i n g • P l a n n i n g • F i n a n c e

McGill Associates, P.A. • 2240 Sutherland Avenue, Suite 2, Knoxville, TN 37919

865-540-0801 • Fax 865-595-4999

Mr. Roy Ivey, President
January 3, 2019
Page 2 of 2

Merkel Bros. Construction, Inc. with the intent to reduce the contract amount to **\$282,660.00**.
Please feel free to call me if you have any questions or need any additional information.

Sincerely,
McGILL ASSOCIATES, P.A.

Jamie Carden, PE
Office Manager/Principal

Enclosure

K:\Projects\2015\15.06204 ESCUD Water System Improvements\Bid Award\Alpine Dr



January 2, 2019

Mr. Roy Ivey, President
East Sevier County Utility District
1529 Alpine Drive
Sevierville, Tennessee 37876

RE: Recommendation of Award
Water System Improvements – Alpine Drive

Dear Mr. Ivey:

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E n g i n e e r i n g • P l a n n i n g • F i n a n c e

McGill Associates, P.A. • 2240 Sutherland Avenue, Suite 2, Knoxville, TN 37919

865-540-0801 • Fax 865-595-4999

Mr. Roy Ivey, President
January 2, 2019
Page 2 of 2

Merkel Bros. Construction, Inc. with the intent to reduce the contract amount to **\$304,660.00**.
Please feel free to call me if you have any questions or need any additional information.

Sincerely,
McGILL ASSOCIATES, P.A.

A handwritten signature in blue ink that reads "Jamie Carden". The signature is written in a cursive, flowing style.

Jamie Carden, PE
Office Manager/Principal

Enclosure

CERTIFIED BID TABULATION				Merkel Bros. Construction, Inc. P.O. Box 370 Greenville, TN 37744	Charles Blalock & Sons, Inc. 409 Robert Henderson Road Sevierville, TN 37862	King General Contractors, Inc. P.O. Box 16278 Bristol, VA 24209	Engineers Estimate				
Water System Improvements - Alpine Drive East Sevier County Utility District				yes	yes	yes					
Bid Bond (5%)				yes	yes	yes					
Addendum 1				yes	yes	yes					
BASE BID											
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization (3% maximum)	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 11,338.00	\$ 11,338.00	\$ 11,628.00	\$ 11,628.00	\$ 9,800.00	\$ 9,800.00
2	6-inch Class 350 DIP Slip Joint water line (Std Backfill)	1,740	LF	\$ 60.00	\$ 104,400.00	\$ 57.00	\$ 99,180.00	\$ 104.75	\$ 182,265.00	\$ 45.00	\$ 78,300.00
3	6-inch Class 350 DIP Rest Joint water line (Std Backfill) (as shown on Plans)	810	LF	\$ 64.00	\$ 51,840.00	\$ 59.50	\$ 48,195.00	\$ 51.95	\$ 42,079.50	\$ 55.00	\$ 44,550.00
4	Connect to Existing - Sta 10+00 [Inset A] (incl. 6" x 6" x 6" Tee, 6" x 4" Reducer, (2) 6" Gate Valves, 4" & 6" Caps, 4" & 6" Sleeves (C900), Misc 4" Spool (C900), Misc 6" Bends and Spool (DIP), Full Stone Backfill and All Appurtenances)	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 8,140.00	\$ 8,140.00	\$ 3,796.64	\$ 3,796.64	\$ 10,000.00	\$ 10,000.00
5	Connect to Existing - Sta 10+90 [Inset B] (incl. (2) 6" x 6" x 6" Tee, (3) 6" Gate Valves, (2) 6" PVC Sleeves (C900), 26 LF of 6" RJ-DIP installed by open-cut method, Misc 6" Bends and Spool (DIP), Full Stone Backfill and All Appurtenances)	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 8,650.00	\$ 8,650.00	\$ 3,270.00	\$ 3,270.00	\$ 13,000.00	\$ 13,000.00
6	Connect to Existing - Sta 18+30 [Inset C] (incl. 6" x 6" x 6" Tee, (3) 6" Gate Valves, (2) 2" Caps, 2" Sleeve (SDR 17), Misc 6" Bends and Spool (DIP), 6" x 2" Reducer, Full Stone Backfill and All Appurtenances)	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 8,525.00	\$ 8,525.00	\$ 4,030.00	\$ 4,030.00	\$ 10,000.00	\$ 10,000.00
7	Connect to Existing - Sta 33+60 [Inset D] (incl. 6" x 6" x 6" Tee, (3) 6" Gate Valves, (2) 3" Caps, 3" Sleeve (SDR 17), Misc 6" Bends and Spool (DIP), Full Stone Backfill and All Appurtenances)	1	LS	\$ 8,500.00	\$ 8,500.00	\$ 8,520.00	\$ 8,520.00	\$ 3,705.00	\$ 3,705.00	\$ 10,000.00	\$ 10,000.00
8	Connect to Existing - Sta 35+50: (2) 6" x 6" x 6" Tee, (5) 6" Gate Valves, 6" Cap, 26 LF of 6" RJ-DIP installed by open-cut method, Misc 6" Bends and Spool (DIP), 6" Sleeve (C900), Full Stone Backfill and All Appurtenances)	1	LS	\$ 12,200.00	\$ 12,200.00	\$ 10,060.00	\$ 10,060.00	\$ 5,942.00	\$ 5,942.00	\$ 18,000.00	\$ 18,000.00
9	Installation of 12-inch Steel Casing - Sta 10+90 & 35+50: 0.25" wall, stainless steel casing spacers, end seals (Open Cut Method with Full Stone Backfill) (as directed by the Engineer)	40	LF	\$ 130.00	\$ 5,200.00	\$ 79.50	\$ 3,180.00	\$ 85.00	\$ 3,400.00	\$ 200.00	\$ 8,000.00
10	2-inch Gate Valve & Box, installed (as directed by Engineer)	1	EA	\$ 600.00	\$ 600.00	\$ 663.00	\$ 663.00	\$ 691.26	\$ 691.26	\$ 1,000.00	\$ 1,000.00
11	3-inch Gate Valve & Box, installed (as directed by Engineer)	1	EA	\$ 800.00	\$ 800.00	\$ 871.00	\$ 871.00	\$ 809.00	\$ 809.00	\$ 1,000.00	\$ 1,000.00
12	4-inch Gate Valve & Box, installed (as directed by Engineer)	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 975.00	\$ 975.00	\$ 961.05	\$ 961.05	\$ 1,200.00	\$ 1,200.00
13	6-inch Gate Valve & Box, installed (as directed by Engineer)	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 1,121.00	\$ 2,242.00	\$ 1,282.05	\$ 2,564.10	\$ 1,500.00	\$ 3,000.00
14	Combination Air Release Assembly (see detail) (as directed by Engineer)	3	EA	\$ 1,200.00	\$ 3,600.00	\$ 2,050.00	\$ 6,150.00	\$ 1,550.67	\$ 4,652.01	\$ 1,200.00	\$ 3,600.00
15	Pressure Reducing Valve Assembly (see detail)	1	EA	\$ 22,000.00	\$ 22,000.00	\$ 16,815.00	\$ 16,815.00	\$ 11,575.10	\$ 11,575.10	\$ 8,000.00	\$ 8,000.00
16	Fire hydrant assembly, complete	3	EA	\$ 4,500.00	\$ 13,500.00	\$ 5,040.00	\$ 15,120.00	\$ 3,628.59	\$ 10,885.77	\$ 5,000.00	\$ 15,000.00
17	Water service installation & reconnection (Short)- Main to Water Meter (as directed by Engineer)	10	EA	\$ 1,000.00	\$ 10,000.00	\$ 1,670.00	\$ 16,700.00	\$ 674.00	\$ 6,740.00	\$ 800.00	\$ 8,000.00
18	Blow-off Assembly (as directed by Engineer)	3	EA	\$ 2,000.00	\$ 6,000.00	\$ 2,100.00	\$ 6,300.00	\$ 1,595.50	\$ 4,786.50	\$ 1,200.00	\$ 3,600.00
19	Misc Fittings (for Storm X-ings Station 20+00 and 26+85, Sanitary Sewer conflicts) (as directed by Engineer)	3,000	LBS	\$ 2.00	\$ 6,000.00	\$ 7.65	\$ 22,950.00	\$ 4.99	\$ 14,970.00	\$ 3.00	\$ 9,000.00
20	Gravel Drive Repair (9 driveways + 1 unpaved road) (see detail)	160	LF	\$ 10.00	\$ 1,600.00	\$ 48.00	\$ 7,680.00	\$ 18.95	\$ 3,032.00	\$ 30.00	\$ 4,800.00
21	Asphalt Drive Repair (2 locations) (see detail)	30	LF	\$ 50.00	\$ 1,500.00	\$ 115.00	\$ 3,450.00	\$ 85.00	\$ 2,550.00	\$ 80.00	\$ 2,400.00
22	Asphalt Roadway Overlay (per detail) [2 Locations @ Lin Creek Dr, 1 Location @ Dogwood St, Sta 35+50]	400	SF	\$ 15.00	\$ 6,000.00	\$ 14.25	\$ 5,700.00	\$ 31.45	\$ 12,580.00	\$ 40.00	\$ 16,000.00
23	Culvert Replacement - 15" CPP (as directed by Engineer)	100	LF	\$ 45.00	\$ 4,500.00	\$ 39.00	\$ 3,900.00	\$ 32.12	\$ 3,212.00	\$ 40.00	\$ 4,000.00
24	Culvert Replacement - 18" CPP (as directed by Engineer)	120	LF	\$ 50.00	\$ 6,000.00	\$ 40.50	\$ 4,860.00	\$ 37.04	\$ 4,444.80	\$ 45.00	\$ 5,400.00
25	Culvert Replacement - 24" CPP (as directed by Engineer)	40	LF	\$ 60.00	\$ 2,400.00	\$ 51.50	\$ 2,060.00	\$ 54.50	\$ 2,180.00	\$ 60.00	\$ 2,400.00
26	Select Backfill Material - Stone (see detail) (as directed by Engineer)	2,000	LF	\$ 10.00	\$ 20,000.00	\$ 13.00	\$ 26,000.00	\$ 11.15	\$ 22,300.00	\$ 5.00	\$ 10,000.00
27	Anti-Seep Collars (as directed by Engineer)	50	EA	\$ 150.00	\$ 7,500.00	\$ 122.00	\$ 6,100.00	\$ 6.95	\$ 347.50	\$ 60.00	\$ 3,000.00
28	Miscellaneous Concrete (encasement at sanitary sewer & storm x-ings) (as directed by Engineer)	100	LF	\$ 35.00	\$ 3,500.00	\$ 45.00	\$ 4,500.00	\$ 65.00	\$ 6,500.00	\$ 75.00	\$ 7,500.00
29	Rip Rap (as directed by Engineer)	1,500	LF	\$ 10.00	\$ 15,000.00	\$ 10.60	\$ 15,900.00	\$ 4.95	\$ 7,425.00	\$ 5.00	\$ 7,500.00
30	Erosion Control Matting (as directed by Engineer)	2,000	LF	\$ 5.00	\$ 10,000.00	\$ 1.40	\$ 2,800.00	\$ 2.15	\$ 4,300.00	\$ 5.00	\$ 10,000.00
TOTAL BASE BID (ITEMS #1 THRU #30)					\$ 361,540.00		\$ 377,524.00		\$ 387,622.23		\$ 328,050.00
DEDUCTIVE ALTERNATES											
2-B	6-inch C900 DR-14 PVC Slip Joint water line (Std Backfill)	1,740	LF	\$ 5.00	\$ 8,700.00	\$ 55.00	\$ 95,700.00	\$ 7.25	\$ 12,615.00	\$ 12.00	\$ 20,880.00
16-B	Fire hydrant removal, complete	1	EA	\$ 500.00	\$ 500.00	\$ 468.00	\$ 468.00	\$ 2,590.00	\$ 2,590.00	\$ 2,000.00	\$ 2,000.00
TOTAL DEDUCTIVE ALTERNATE (ITEM #2-B & # 16-B)					\$ 9,200.00		\$ 96,168.00		\$ 15,205.00		\$ 22,880.00
ADDITIVE ALTERNATES											
17-B	Water service installation & reconnection (Long)- Main to Water Meter (as directed by Engineer)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,830.00	\$ 3,660.00	\$ 1,850.00	\$ 3,700.00	\$ 1,600.00	\$ 3,200.00
17-C	2" HDPE DR-21 Casing Pipe for Water service installation (Long) - Directional Drill (as directed by Engineer)	60	LF	\$ 50.00	\$ 3,000.00	\$ 81.00	\$ 4,860.00	\$ 39.70	\$ 2,382.00	\$ 60.00	\$ 3,600.00
TOTAL ADDITIVE ALTERNATE (ITEM #17-B & # 17-C)					\$ 7,000.00		\$ 8,520.00		\$ 6,082.00		\$ 6,800.00



This is to certify that the bids tabulated herein were publicly opened and read aloud at 10:00 am on the 6th day of November 2018, at 2240 Sutherland Ave., Ste. 2, Knoxville, Tennessee and that said bids were accompanied by acceptable checks or bidder's bonds in the amount of 5% of the bid.



01.02.19