
Meeting Date

February 15, 2022

New Business Item #1

Subject

2020 Waterline Renewal Project (Re-Issue)
Project No. 2020-112

Recommendation

Staff recommends the Board award the 2020 Waterline Renewal Project to Excel 4 Construction, LLC. for the total bid amount of \$1,026,399.00 and authorize the General Manager to execute the Agreement.

Background/Analysis

In 2019, BWA Staff identified various water mains within the water distribution system which have come to the end of useful service or otherwise have significant work order histories (leaks, main breaks, etc.) and need renewal or replacement. Renewals were grouped into two separate projects to be undertaken in consecutive years, beginning in 2019 and were included in the 2019 Bond fund series. The first project (2019 Waterline Renewals), which involved renewals needed in South Benbrook was completed in the Spring of 2020. Design for this project, which focuses on renewals in North Benbrook, began during the Summer 2020 and was completed in 2021.

Renewal efforts for this project consist of the replacement of existing 2"-12" water lines with approximately 2,559 linear feet of 12" water line, 1,608 linear feet of 8" water line, and 496 linear feet of 6" water line and all associated valves, fire hydrants and service lines in the following locations:

- Van Deman Dr. from Chapin Rd. to Burkett Dr.
- Delmas Drive, from Chapin Rd. to Van Deman Dr.
- Van Deman Ct.
- Sirocka Ct.
- Schley Ct.

Following completion of design, this project was advertised, and bids received in summer of 2021. However, no construction progress was made, and the contract subsequently terminated by the Authority in late Fall 2021. Following termination of the previous agreement, this project was re-advertised, and bids received on January 25, 2022.

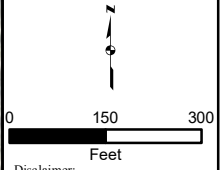
Eight (8) bids were received for this project. The three (3) apparent low bids ranged from \$1,010,762 to \$1,093,155. Following evaluation by the Engineer of the bids submitted, it was determined that the lowest responsive bid was submitted by Excel 4 Construction, LLC of Fort Worth, Texas. Accordingly, the Engineer has provided a letter recommending award of the construction contract to Excel 4 Construction, LLC. for the total bid price of \$1,026,399.00. A location map and copy of the bid tabulation are attached.

Financial Impact

Funding for this project is available from 2019 Bond Funds.



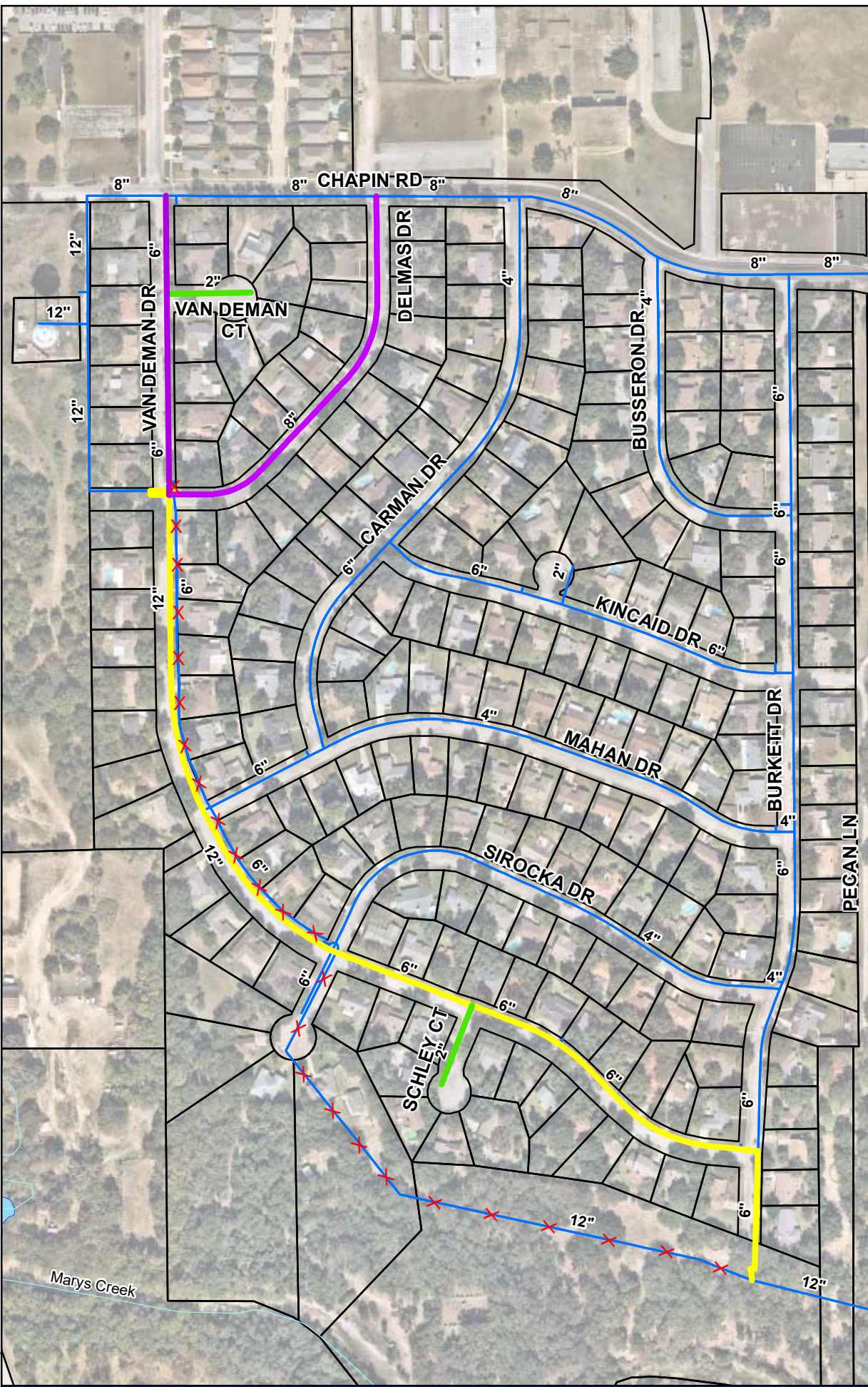
- Prop 6" Water Line
- Prop 8" Water Line
- Prop 12" Water Line
- Water Line to be Abandoned
- x Existing Water Line
- Parcels



Disclaimer:
Every effort has been made to ensure the accuracy of the basemap data. BGE, Inc. assumes no liability or damages due to errors or omissions.

Date: Jan 2020 Job No: 0738-00

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Waterline Renewal Project

BGE, Inc.
Tel: 817-887-6130
www.bgeinc.com

Benbrook Water Authority
Bid Tabulations
2020 Waterline Renewal Project Re-Issue
BWA Project No.: BWA2020-112
Bid Date: January 25, 2022

Bidder				Atkins Bros. Equip. Co., Inc.		Excel 4 Construction, LLC		R&D Burns Brothers, Inc		Bristow Contracting LLC		Leetech Solutions LLC		R Construction Co		SYB Construction Co Inc		FM Utilities LLC								
Address				P.O. Box 540252 Grand Prairie, TX 75054		P.O. Box 4739 Fort Worth, TX 76164		P.O. Box 786 Burleson, TX 76097		P.O. Box 265 Aledo, Tx 76008		PO Box 939 Aledo, Tx 76008		PO BOX 189 Buffalo, Tx 75831		421 Compton Ave Irving, Tx 75061		4911 Redbird Trl Midlothian, Tx 76065								
Guarantee: BB-Bid Bond CC-Cashiers Chk CTC-Cert Chk				BB		BB		BB		BB		BB		BB		BB		BB								
Addenda Acknowledged				No		Yes		Yes		Yes		Yes		Yes		Yes		Yes								
Project Manager: Kara Britt P.E.																										
Item No.	Pay Item	Unit of Measure	Bid Quantity	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid	Unit Bid Price	Amount Bid							
WATER IMPROVEMENTS																										
1	2" Water Abandonment Plug	EA	2	\$ 150.00	\$ 300.00	\$ 175.00	\$ 350.00	\$ 200.00	\$ 400.00	\$ 700.00	\$ 1,400.00	\$ 1,000.00	\$ 2,000.00	\$ 450.00	\$ 900.00	\$ 600.00	\$ 1,200.00	\$ 1,200.00	\$ 2,400.00							
2	4" - 8" Water Abandonment Plug	EA	21	\$ 250.00	\$ 5,250.00	\$ 180.00	\$ 3,780.00	\$ 200.00	\$ 4,200.00	\$ 800.00	\$ 16,800.00	\$ 1,200.00	\$ 25,200.00	\$ 500.00	\$ 10,500.00	\$ 765.00	\$ 16,065.00	\$ 2,200.00	\$ 46,200.00							
3	12" Water Abandonment Plug	EA	7	\$ 350.00	\$ 2,450.00	\$ 190.00	\$ 1,330.00	\$ 200.00	\$ 1,400.00	\$ 1,200.00	\$ 8,400.00	\$ 1,500.00	\$ 10,500.00	\$ 750.00	\$ 5,250.00	\$ 700.00	\$ 4,900.00	\$ 3,200.00	\$ 22,400.00							
4	4" - 8" Pressure Plug	EA	1	\$ 400.00	\$ 400.00	\$ 725.00	\$ 725.00	\$ 300.00	\$ 300.00	\$ 850.00	\$ 850.00	\$ 1,000.00	\$ 1,000.00	\$ 550.00	\$ 550.00	\$ 1,100.00	\$ 1,100.00	\$ 800.00	\$ 800.00							
5	12" Pressure Plug	EA	1	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00	\$ 700.00	\$ 700.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 650.00	\$ 650.00	\$ 1,500.00	\$ 1,500.00	\$ 1,400.00	\$ 1,400.00							
6	Temporary Water Service	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 12,000.00	\$ 12,000.00	\$ 8,000.00	\$ 8,000.00	\$ 15,000.00	\$ 15,000.00	\$ 3,000.00	\$ 3,000.00	\$ 8,320.00	\$ 8,320.00	\$ 165,750.00	\$ 165,750.00	\$ 3,800.00	\$ 3,800.00							
7	12" PVC Water Pipe	LF	2450	\$ 119.00	\$ 291,550.00	\$ 105.00	\$ 257,250.00	\$ 107.00	\$ 262,150.00	\$ 105.00	\$ 257,250.00	\$ 130.00	\$ 318,500.00	\$ 145.00	\$ 355,250.00	\$ 170.00	\$ 416,500.00	\$ 182.40	\$ 446,880.00							
8	12" DIP Water Pipe	LF	109	\$ 210.00	\$ 22,890.00	\$ 108.00	\$ 11,772.00	\$ 112.00	\$ 12,208.00	\$ 125.00	\$ 13,625.00	\$ 130.00	\$ 14,170.00	\$ 180.00	\$ 19,620.00	\$ 195.00	\$ 21,255.00	\$ 250.00	\$ 27,250.00							
9	8" PVC Water Pipe	LF	1582	\$ 80.00	\$ 126,560.00	\$ 70.00	\$ 110,740.00	\$ 79.00	\$ 124,978.00	\$ 75.00	\$ 118,650.00	\$ 80.00	\$ 126,560.00	\$ 80.00	\$ 126,560.00	\$ 140.00	\$ 221,480.00	\$ 160.00	\$ 253,120.00							
10	8" DIP Water Pipe	LF	26	\$ 150.00	\$ 3,900.00	\$ 100.00	\$ 2,600.00	\$ 87.00	\$ 2,262.00	\$ 105.00	\$ 2,730.00	\$ 80.00	\$ 2,080.00	\$ 150.00	\$ 3,900.00	\$ 185.00	\$ 4,810.00	\$ 200.00	\$ 5,200.00							
11	6" PVC Water Pipe	LF	496	\$ 70.00	\$ 34,720.00	\$ 58.00	\$ 28,768.00	\$ 70.00	\$ 34,720.00	\$ 70.00	\$ 34,720.00	\$ 60.00	\$ 29,760.00	\$ 75.00	\$ 37,200.00	\$ 130.00	\$ 64,480.00	\$ 100.00	\$ 49,600.00							
12	Connection to Existing 4"-12" Water Main	EA	11	\$ 1,500.00	\$ 16,500.00	\$ 3,800.00	\$ 41,800.00	\$ 1,250.00	\$ 13,750.00	\$ 900.00	\$ 9,900.00	\$ 2,500.00	\$ 27,500.00	\$ 1,700.00	\$ 18,700.00	\$ 2,605.00	\$ 28,655.00	\$ 12,500.00	\$ 137,500.00							
13	6" Gate Valve	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,400.00	\$ 2,800.00	\$ 1,800.00	\$ 3,600.00	\$ 1,800.00	\$ 3,600.00	\$ 1,900.00	\$ 3,800.00	\$ 1,650.00	\$ 3,300.00	\$ 1,600.00	\$ 3,200.00							
14	8" Gate Valve	EA	8	\$ 1,800.00	\$ 14,400.00	\$ 2,000.00	\$ 16,000.00	\$ 1,500.00	\$ 12,000.00	\$ 2,200.00	\$ 17,600.00	\$ 2,000.00	\$ 16,000.00	\$ 2,500.00	\$ 20,000.00	\$ 2,350.00	\$ 18,800.00	\$ 2,500.00	\$ 20,000.00							
15	12" Gate Valve	EA	11	\$ 2,800.00	\$ 30,800.00	\$ 3,600.00	\$ 39,600.00	\$ 3,100.00	\$ 34,100.00	\$ 3,800.00	\$ 41,800.00	\$ 4,000.00	\$ 44,000.00	\$ 3,900.00	\$ 42,900.00	\$ 3,875.00	\$ 42,625.00	\$ 5,000.00	\$ 55,000.00							
16	Ductile Iron Water Fittings w/ Restraint	TN	2	\$ 3,500.00	\$ 7,000.00	\$ 15,000.00	\$ 30,000.00	\$ 15,000.00	\$ 30,000.00	\$ 13,200.00	\$ 26,400.00	\$ 15,000.00	\$ 30,000.00	\$ 16,400.00	\$ 32,800.00	\$ 12.50	\$ 25.00	\$ 35,690.00	\$ 71,380.00							
17	Fire Hydrant with 6" Valve and Box	EA	8	\$ 6,000.00	\$ 48,000.00	\$ 5,600.00	\$ 44,800.00	\$ 5,200.00	\$ 41,600.00	\$ 4,800.00	\$ 38,400.00	\$ 5,000.00	\$ 40,000.00	\$ 5,850.00	\$ 46,800.00	\$ 5,500.00	\$ 44,000.00	\$ 5,800.00	\$ 46,400.00							
18	1" Water Service, Meter Reconnection	EA	89	\$ 400.00	\$ 35,600.00	\$ 425.00	\$ 37,825.00	\$ 250.00	\$ 22,250.00	\$ 125.00	\$ 11,125.00	\$ 500.00	\$ 44,500.00	\$ 320.00	\$ 28,480.00	\$ 400.00	\$ 35,600.00	\$ 1,200.00	\$ 106,800.00							
19	1" Water Service	EA	89	\$ 390.00	\$ 34,710.00	\$ 875.00	\$ 77,875.00	\$ 1,500.00	\$ 133,500.00	\$ 875.00	\$ 77,875.00	\$ 1,500.00	\$ 133,500.00	\$ 1,620.00	\$ 144,180.00	\$ 1,650.00	\$ 146,850.00	\$ 2,500.00	\$ 222,500.00							
20	Meter Box, DFW37C-12-1	EA	15	\$ 200.00	\$ 3,000.00	\$ 175.00	\$ 2,625.00	\$ 175.00	\$ 2,625.00	\$ 250.00	\$ 3,750.00	\$ 300.00	\$ 4,500.00	\$ 140.00	\$ 2,100.00	\$ 200.00	\$ 3,000.00	\$ 300.00	\$ 4,500.00							
21	Meter Box, DFW38C-14-1	EA	37	\$ 220.00	\$ 8,140.00	\$ 275.00	\$ 10,175.00	\$ 250.00	\$ 9,250.00	\$ 250.00	\$ 9,250.00	\$ 300.00	\$ 11,100.00	\$ 205.00	\$ 7,585.00	\$ 275.00	\$ 10,175.00	\$ 400.00	\$ 14,800.00							
22	Trench Safety	LF	2613	\$ 1.00	\$ 2,613.00	\$ 1.00	\$ 2,613.00	\$ 1.00	\$ 2,613.00	\$ 5.00	\$ 13,065.00	\$ 1.00	\$ 2,613.00	\$ 0.10	\$ 261.30	\$ 2.00	\$ 5,226.00	\$ 3.00	\$ 7,839.00							
23	HMAC Pavement Repair, 2" TYP-D Surface Restoration	LF	5577	\$ 50.00	\$ 278,850.00	\$ 45.00	\$ 250,965.00	\$ 47.00	\$ 262,119.00	\$ 56.00	\$ 312,312.00	\$ 44.00	\$ 245,388.00	\$ 65.00	\$ 362,505.00	\$ 21.00	\$ 117,117.00	\$ 35.00	\$ 195,195.00							
24	6" Conc Curb & Gutter	LF	90	\$ 90.00	\$ 8,100.00	\$ 25.00	\$ 2,250.00	\$ 115.00	\$ 10,350.00	\$ 60.00	\$ 5,400.00	\$ 65.00	\$ 5,850.00	\$ 45.00	\$ 4,050.00	\$ 60.00	\$ 5,400.00	\$ 50.00	\$ 4,500.00							
25	Concrete Pavement Repair, Valley Gutter	SY	26	\$ 90.00	\$ 2,340.00	\$ 65.00	\$ 1,690.00	\$ 280.00	\$ 7,280.00	\$ 245.00	\$ 6,370.00	\$ 120.00	\$ 3,120.00	\$ 1,250.00	\$ 32,500.00	\$ 145.00	\$ 3,770.00	\$ 250.00	\$ 6,500.00							
26	SWPPP > 1 Acre	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 7,850.00	\$ 7,850.00	\$ 18,000.00	\$ 18,000.00	\$ 12,500.00	\$ 12,500.00	\$ 20,000.00	\$ 20,000.00	\$ 15,280.00	\$ 15,280.00	\$ 63,000.00	\$ 63,000.00	\$ 12,500.00	\$ 12,500.00							
27	Topsoil	CY	21	\$ 19.00	\$ 399.00	\$ 76.00	\$ 1,596.00	\$ 100.00	\$ 2,100.00	\$ 50.00	\$ 1,050.00	\$ 60.00	\$ 1,260.00	\$ 75.00	\$ 1,575.00	\$ 165.00	\$ 3,465.00	\$ 40.00	\$ 840.00							
28	Block Sod Placement	SY	190	\$ 13.00	\$ 2,470.00	\$ 8.00	\$ 1,520.00	\$ 20.00	\$ 3,800.00	\$ 25.00	\$ 4,750.00	\$ 8.00	\$ 1,520.00	\$ 50.00	\$ 9,500.00	\$ 20.00	\$ 3,800.00	\$ 11.00	\$ 2,090.00							
29	Traffic Control	LS	1	\$ 5,800.00	\$ 5,800.00	\$ 14,000.00	\$ 14,000.00	\$ 12,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 25,460.00	\$ 25,460.00	\$ 76,700.00	\$ 76,700.00	\$ 12,500.00	\$ 12,500.00							
30	Concrete Pavement Repair, Residential	SY	80	\$ 129.00	\$ 10,320.00	\$ 115.00	\$ 9,200.00	\$ 240.00	\$ 19,200.00	\$ 245.00	\$ 19,600.00	\$ 120.00	\$ 9,600.00	\$ 420.00	\$ 33,600.00	\$ 115.00	\$ 9,200.00	\$ 200.00	\$ 16,000.00							
31	Remove & Replace Gate	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 3,180.00	\$ 3,180.00	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00							
TOTAL BID:				\$	1,010,762.00		\$	1,026,399.00		\$	1,093,155.00		\$	1,098,672.00		\$	1,200,321.00		\$	1,403,956.30		\$	1,544,748.00		\$	1,805,594.00