



RECEIVED
2/23/18
B.C. Eng. Dept.

February 22, 2018

Mr. Bill Pinnix, PE
Engineering Services Director
Brunswick County
P. O. Box 249
Bolivia, North Carolina 28422

Re: Hwy 74/76 Warehouse Fire Protection Main
Brunswick County, North Carolina
HDR Project Number 10046184

Dear Mr. Pinnix:

Enclosed please find one (1) copy of our Engineering Report for the referenced project including our recommendation for Award. These Bids are good for 90 days; therefore, the project must be awarded by May 16, 2018.

For your convenience, I have also attached a copy of the bid information submitted by the low Bidder and a copy of Affidavit D including the associated backup information.

Should you have any questions regarding this information, please do not hesitate to contact me.

Very truly yours,

HDR Engineering, Inc. of the Carolinas

G. Eric Williams, PE
Project Manager

GEW/dmm

Enclosures

**ENGINEERING REPORT FOR
BIDS RECEIVED ON THE
US 74/76 WAREHOUSE FIRE PROTECTION MAIN
BRUNSWICK COUNTY, NORTH CAROLINA**

February 15, 2018

DATE AND TIME OF BID OPENING: February 15, 2018 at 3:00 p.m.

LOCATION OF BID OPENING: Brunswick County Government Complex, Building I,
Large Conference Room

REPORT SUBMITTED TO: County Commissioners, Brunswick County, North
Carolina.

DESCRIPTION OF PROJECT: The project is separated into two distinct work areas, the water line and the appurtenances along Malmo Loop Road and U.S. 74-76 which is being funded in part by a Golden Leaf grant and the Bailey Street and Randall Street water line and appurtenances which are being funded by Brunswick County. The first component of the project includes approximately 8,500 linear feet of 12-inch water line and appurtenances along Malmo Loop Road and U.S. 74/76. The second component of the project includes approximately 900 linear feet of 12-inch water line and appurtenances along Bailey Street and Randall Street.

INVITATION TO BID:

The "Invitation to Bid" for the referenced project was provided to the following entities for publication:

- Brunswick Beacon
- Brunswick County Website
- Carolina's AGC
- CDC News Office
- McGraw Hill Construction Dodge
- Reed Construction Data
- State Port Pilot
- Wilmington Journal

Drawings and Specifications were available for public review during the advertisement period at the following locations:

- Carolina's AGC digital plan room at <www.ips.state.nc.us> on IBuild.
- CDC News Office online at www.cdcnews.com.
- McGraw Hill Construction Dodge digital plan room at <<http://dodge.construction.com/plans>>.
- Reed Construction Data online at www.reedconstructiondata.com
- Brunswick County Engineering, Building I, 75 Courthouse Drive, Bolivia, North Carolina, 28422.
- Brunswick County Public Utilities Operations Center, 250 Grey Water Road, NE, Supply, North Carolina, 28462.

- HDR Engineering, Inc. of the Carolinas, 101 N. Third St., Suite 201, Wilmington, NC 28401

In response to the Invitation to Bid, six (6) contractors requested and received Drawings and Specifications for the purpose of submitting bids for the project and five (5) bids were received. All of these bids were publicly opened and read aloud at the date, time, and location specified.

ATTENDANCE FOR BID OPENING

The attendance register for the bid opening is attached.

SUMMARY OF BID OPENING

The total Base Bid for each Bidder is listed below in the order in which they rank:

Bidder	Base Bid
Carolina Civilworks, Inc.	\$1,015,039.00
Carmichael Construction Company, Inc.	\$1,024,050.00
T.A. Loving Company	\$1,192,800.00
State Utility Contractors, Inc.	\$1,269,145.00 *
S&L Contracting LLC	\$1,584,258.50

One irregularity was found in the Base Bids received and is listed below:

Contractor	Description of Irregularity
State Utility Contractors, Inc.	A multiplication error was found in the Total Price for Line Item 15 in Bid Schedule1 and was mathematically corrected to be \$55,550.

RECOMMENDATION

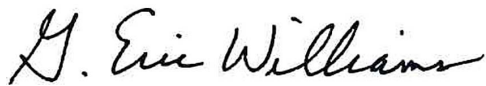
Based on the Bids received, we make the following recommendations:

1. Waive the Bid irregularity.
2. Award the Base Bid to Carolina Civilworks, Inc. in the amount of \$1,015,039.00.

Should you have any questions concerning the bids received or our recommendations, please do not hesitate to contact us. We look forward to continued work on this most important project for Brunswick County.

Respectfully submitted,

HDR Engineering, Inc. of the Carolinas

A handwritten signature in cursive script that reads "G. Eric Williams".

G. Eric Williams, P.E.
Project Manager

GEW/dmm

Attachments

BID TABULATION

**US 74/76 Warehouse Fire Protection Main
BRUNSWICK COUNTY, NORTH CAROLINA
BID TABULATION**

CERTIFICATION

**THE ATTACHED TABULATION OF BIDS IS CERTIFIED TO BE
AN ACCURATE TABULATION OF BIDS RECEIVED FOR THE
ABOVE REFERENCED PROJECT.**

HDR ENGINEERING, INC. OF THE CAROLINAS

G. Eric Williams

**G. ERIC WILLIAMS, P.E.
PROJECT MANAGER**

BRUNSWICK COUNTY, NORTH CAROLINA

US 74/76 Warehouse Fire Protection Main
BRUNSWICK COUNTY, NORTH CAROLINA
BID TABULATION

ITEM NO	PAY ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Contractor		Carmichael Construction Company, Inc.	
				SURETY LICENSE NO.	UNIT PRICE	TOTAL PRICE	UNIT PRICE
	BID SCHEDULE 1						
1	12 IN Pipe	LS	1	\$ 23,115.00	\$ 23,115.00	\$ 20,000.00	\$ 20,000.00
2	12 IN, RJ Pipe	LF	4,700	\$ 37.40	\$ 175,780.00	\$ 43.00	\$ 202,100.00
3	12 IN, DI Pipe	LF	2,900	\$ 47.55	\$ 137,895.00	\$ 50.00	\$ 145,000.00
4	12 IN, RJ DI Pipe	LF	20	\$ 40.00	\$ 800.00	\$ 70.00	\$ 1,400.00
5	8 IN, RJ DI Pipe	LF	490	\$ 64.00	\$ 31,360.00	\$ 80.00	\$ 39,200.00
6	24 IN, SCP by Jack and Bore	LF	20	\$ 25.00	\$ 500.00	\$ 50.00	\$ 1,000.00
7	24 IN, SCP by Jack and Bore	LF	490	\$ 492.00	\$ 241,080.00	\$ 375.00	\$ 183,750.00
8	Horizontal Directional Drill; STA 0+30 to STA 2+30	LS	1	\$ 36,055.00	\$ 36,055.00	\$ 28,700.00	\$ 28,700.00
9	Horizontal Directional Drill; STA 68+70 to STA 70+70	LS	1	\$ 32,459.00	\$ 32,459.00	\$ 28,700.00	\$ 28,700.00
10	Tie to Existing 12 IN Water Main	EA	1	\$ 13,863.00	\$ 13,863.00	\$ 6,500.00	\$ 6,500.00
11	12 IN Gate Valve	EA	8	\$ 2,523.00	\$ 20,184.00	\$ 3,500.00	\$ 28,000.00
12	8 IN Gate Valve	EA	1	\$ 1,414.00	\$ 1,414.00	\$ 3,000.00	\$ 3,000.00
13	6 IN Stub Out, Station 81+50	EA	1	\$ 1,657.00	\$ 1,657.00	\$ 3,500.00	\$ 3,500.00
14	8 IN RJ Plug	EA	1	\$ 195.00	\$ 195.00	\$ 1,500.00	\$ 1,500.00
15	Fire Hydrant Assembly (FH, valve)	EA	11	\$ 4,008.00	\$ 44,088.00	\$ 3,500.00	\$ 38,500.00
16	Water Service Connections, Short Side	EA	4	\$ 1,446.00	\$ 5,784.00	\$ 1,000.00	\$ 4,000.00
17	Installation of ABC Drive, Sheet 00C-04	LS	1	\$ 29,922.00	\$ 29,922.00	\$ 10,000.00	\$ 10,000.00
18	Silt Fence	LF	3,100	\$ 3.40	\$ 10,540.00	\$ 4.00	\$ 12,400.00
19	Sediment Tubes	EA	6	\$ 113.00	\$ 678.00	\$ 300.00	\$ 1,800.00
20	Subgrade Stabilization Stone	TN	200	\$ 92.00	\$ 18,400.00	\$ 75.00	\$ 15,000.00
21	Rock Pipe Inlet Protection	EA	2	\$ 750.00	\$ 1,500.00	\$ 1,000.00	\$ 2,000.00
22	Rolled Erosion Control Product	LF	100	\$ 3.55	\$ 355.00	\$ 50.00	\$ 5,000.00
23	Asphalt Pavement Replacement/Overlay	TN	20	\$ 354.00	\$ 7,080.00	\$ 250.00	\$ 5,000.00
24	Gravel Driveway Replacement	LF	40	\$ 45.00	\$ 1,800.00	\$ 75.00	\$ 3,000.00
25	Asphalt Driveway Replacement	LF	90	\$ 48.00	\$ 4,320.00	\$ 100.00	\$ 9,000.00
26	Select Fill	CY	200	\$ 46.00	\$ 9,200.00	\$ 30.00	\$ 6,000.00
27	Testing Allowance	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
28	Change Order Allowance	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
TOTAL BASE BID					\$ 885,024.00		\$ 839,050.00
	BID SCHEDULE 2						
1	Mobilization	LS	1	\$ 3,700.00	\$ 3,700.00	\$ 5,300.00	\$ 5,300.00
2	12 IN Pipe	LF	660	\$ 48.00	\$ 31,680.00	\$ 115.00	\$ 75,900.00
3	12 IN, RJ Pipe	LF	200	\$ 60.00	\$ 12,000.00	\$ 130.00	\$ 26,000.00
4	12 IN, DI Pipe	LF	20	\$ 52.00	\$ 1,040.00	\$ 170.00	\$ 3,400.00
5	12 IN, RJ DI Pipe	LF	30	\$ 77.00	\$ 2,310.00	\$ 180.00	\$ 5,400.00
6	Tie to Existing 12 IN Water Main	EA	1	\$ 15,280.00	\$ 15,280.00	\$ 10,000.00	\$ 10,000.00
7	24 IN x 12 IN Tapping Sleeve and Valve	EA	1	\$ 14,275.00	\$ 14,275.00	\$ 7,500.00	\$ 7,500.00
8	12 IN Gate Valve	EA	1	\$ 2,785.00	\$ 2,785.00	\$ 3,500.00	\$ 3,500.00
9	Silt Fence	LF	900	\$ 3.40	\$ 3,060.00	\$ 5.00	\$ 4,500.00
10	Subgrade Stabilization Stone	TN	200	\$ 92.00	\$ 18,400.00	\$ 75.00	\$ 15,000.00
11	Rock Pipe Inlet Protection	EA	1	\$ 750.00	\$ 750.00	\$ 1,000.00	\$ 1,000.00
12	Rolled Erosion Control Product	LF	100	\$ 3.55	\$ 355.00	\$ 50.00	\$ 5,000.00
13	Asphalt Pavement Replacement/Overlay	TN	20	\$ 354.00	\$ 7,080.00	\$ 300.00	\$ 6,000.00
14	Select Fill	CY	50	\$ 46.00	\$ 2,300.00	\$ 30.00	\$ 1,500.00
15	Testing Allowance	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
16	Change Order Allowance	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
TOTAL BASE BID					\$ 130,015.00		\$ 185,000.00

TOTAL OF BID SCHEDULES 1 & 2

\$1,015,039.00

\$1,024,050.00

MAJOR EQUIPMENT SUPPLIERS

Ductile Iron Pipe Manufacturer	US Pipe	American Cast Iron Pipe Company
PVC Pipe (Cut & Cover) Manufacturer	National Pipe	North American Pipe, National Pipe, Diamond Plastics
Gate Valve Manufacturer	Mueller	American Flow Control
Fire Hydrant Manufacturer	Mueller	American Flow Control

Indicates a Bid Irregularity.

BRUNSWICK COUNTY, NORTH CAROLINA

US 74/76 Warehouse Fire Protection Main
BRUNSWICK COUNTY, NORTH CAROLINA
BID TABULATION

CONTRACTOR SURETY LICENSE NO.	T.A. Loving Company Avelers Casualty & Surety Co. of Amer 325	State Utility Contractors, Inc. Hartford Accident & Indemnity Co 17793
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ITEM NO	PAY ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
BID SCHEDULE 1							
1	12 IN Pipe	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 33,700.00	\$ 33,700.00
2	12 IN, RJ Pipe	LF	4,700	\$ 60.00	\$ 282,000.00	\$ 64.00	\$ 300,800.00
3	12 IN, DI Pipe	LF	2,900	\$ 80.00	\$ 232,000.00	\$ 72.00	\$ 208,800.00
4	12 IN, RJ DI Pipe	LF	20	\$ 70.00	\$ 1,400.00	\$ 76.00	\$ 1,520.00
5	8 IN, RJ DI Pipe	LF	490	\$ 55.00	\$ 26,950.00	\$ 112.00	\$ 54,880.00
6	24 IN, SCP by Jack and Bore	LF	20	\$ 70.00	\$ 1,400.00	\$ 87.00	\$ 1,740.00
7	24 IN, SCP by Jack and Bore	LF	490	\$ 380.00	\$ 186,200.00	\$ 500.00	\$ 245,000.00
8	Horizontal Directional Drill; STA 0+30 to STA 2+30	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 29,550.00	\$ 29,550.00
9	Horizontal Directional Drill; STA 68+70 to STA 70+70	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 30,400.00	\$ 30,400.00
10	Tie to Existing 12 IN Water Main	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 4,325.00	\$ 4,325.00
11	12 IN Gate Valve	EA	8	\$ 2,750.00	\$ 22,000.00	\$ 2,350.00	\$ 18,800.00
12	8 IN Gate Valve	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,310.00	\$ 1,310.00
13	6 IN Stub Out, Station 81+50	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 14,550.00	\$ 14,550.00
14	8 IN RJ Plug	EA	1	\$ 300.00	\$ 300.00	\$ 200.00	\$ 200.00
15	Fire Hydrant Assembly (FH, valve)	EA	11	\$ 4,750.00	\$ 52,250.00	\$ 5,050.00	\$ 55,550.00
16	Water Service Connections, Short Side	EA	4	\$ 1,500.00	\$ 6,000.00	\$ 1,810.00	\$ 7,240.00
17	Installation of ABC Drive, Sheet 00C-04	LS	1	\$ 27,500.00	\$ 27,500.00	\$ 30,250.00	\$ 30,250.00
18	Silt Fence	LF	3,100	\$ 2.75	\$ 8,525.00	\$ 5.00	\$ 15,500.00
19	Sediment Tubes	EA	6	\$ 100.00	\$ 600.00	\$ 400.00	\$ 2,400.00
20	Subgrade Stabilization Stone	TN	200	\$ 50.00	\$ 10,000.00	\$ 55.00	\$ 11,000.00
21	Rock Pipe Inlet Protection	EA	2	\$ 250.00	\$ 500.00	\$ 770.00	\$ 1,540.00
22	Rolled Erosion Control Product	LF	100	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00
23	Asphalt Pavement Replacement/Overlay	TN	20	\$ 300.00	\$ 6,000.00	\$ 450.00	\$ 9,000.00
24	Gravel Driveway Replacement	LF	40	\$ 20.00	\$ 800.00	\$ 25.00	\$ 1,000.00
25	Asphalt Driveway Replacement	LF	90	\$ 75.00	\$ 6,750.00	\$ 75.00	\$ 6,750.00
26	Select Fill	CY	200	\$ 18.00	\$ 3,600.00	\$ 17.00	\$ 3,400.00
27	Testing Allowance	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
28	Change Order Allowance	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
TOTAL BASE BID					\$ 1,042,275.00		\$ 1,124,705.00
BID SCHEDULE 2							
1	Mobilization	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 4,300.00	\$ 4,300.00
2	12 IN Pipe	LF	660	\$ 77.50	\$ 51,150.00	\$ 77.00	\$ 50,820.00
3	12 IN, RJ Pipe	LF	200	\$ 112.50	\$ 22,500.00	\$ 89.00	\$ 17,800.00
4	12 IN, DI Pipe	LF	20	\$ 70.00	\$ 1,400.00	\$ 130.00	\$ 2,600.00
5	12 IN, RJ DI Pipe	LF	30	\$ 120.00	\$ 3,600.00	\$ 140.00	\$ 4,200.00
6	Tie to Existing 12 IN Water Main	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 5,200.00	\$ 5,200.00
7	24 IN x 12 IN Tapping Sleeve and Valve	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 14,500.00	\$ 14,500.00
8	12 IN Gate Valve	EA	1	\$ 2,750.00	\$ 2,750.00	\$ 2,450.00	\$ 2,450.00
9	Silt Fence	LF	900	\$ 2.75	\$ 2,475.00	\$ 5.00	\$ 4,500.00
10	Subgrade Stabilization Stone	TN	200	\$ 50.00	\$ 10,000.00	\$ 60.00	\$ 12,000.00
11	Rock Pipe Inlet Protection	EA	1	\$ 250.00	\$ 250.00	\$ 770.00	\$ 770.00
12	Rolled Erosion Control Product	LF	100	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00
13	Asphalt Pavement Replacement/Overlay	TN	20	\$ 300.00	\$ 6,000.00	\$ 440.00	\$ 8,800.00
14	Select Fill	CY	50	\$ 18.00	\$ 900.00	\$ 20.00	\$ 1,000.00
15	Testing Allowance	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
16	Change Order Allowance	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
TOTAL BASE BID					\$ 150,525.00		\$ 144,440.00

TOTAL OF BID SCH

\$1,192,800.00

\$1,269,145.00

MAJOR EQUIPMENT SUPPLIERS

Ductile Iron Pipe Manufacturer	US Pipe	US Pipe
PVC Pipe (Cut & Cover) Manufacturer	National Pipe	National Pipe
Gate Valve Manufacturer	Mueller	Clow
Fire Hydrant Manufacturer	Mueller	Clow

Indicates a Bid Irregularity.

BRUNSWICK COUNTY, NORTH CAROLINA

US 74/76 Warehouse Fire Protection Main
BRUNSWICK COUNTY, NORTH CAROLINA
BID TABULATION

CONTRACTOR SURETY LICENSE NO. S&L Contracting, LLC
Travelers Casualty & Surety Co. of Amer
79338

ITEM NO	PAY ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
BID SCHEDULE 1					
1	12 IN Pipe	LS	1	\$ 95,000.00	\$ 95,000.00
2	12 IN, RJ Pipe	LF	4,700	\$ 49.00	\$ 230,300.00
3	12 IN, DI Pipe	LF	2,900	\$ 77.75	\$ 225,475.00
4	12 IN, RJ DI Pipe	LF	20	\$ 100.00	\$ 2,000.00
5	8 IN, RJ DI Pipe	LF	490	\$ 75.75	\$ 37,117.50
6	24 IN, SCP by Jack and Bore	LF	20	\$ 436.80	\$ 8,736.00
7	24 IN, SCP by Jack and Bore	LF	490	\$ 1,010.00	\$ 494,900.00
8	Horizontal Directional Drill; STA 0+30 to STA 2+30	LS	1	\$ 31,100.00	\$ 31,100.00
9	Horizontal Directional Drill; STA 68+70 to STA 70+70	LS	1	\$ 31,100.00	\$ 31,100.00
10	Tie to Existing 12 IN Water Main	EA	1	\$ 6,500.00	\$ 6,500.00
11	12 IN Gate Valve	EA	8	\$ 4,475.00	\$ 35,800.00
12	8 IN Gate Valve	EA	1	\$ 2,260.00	\$ 2,260.00
13	6 IN Stub Out, Station 81+50	EA	1	\$ 5,155.00	\$ 5,155.00
14	8 IN RJ Plug	EA	1	\$ 1,450.00	\$ 1,450.00
15	Fire Hydrant Assembly (FH, valve)	EA	11	\$ 6,515.00	\$ 71,665.00
16	Water Service Connections, Short Side	EA	4	\$ 2,550.00	\$ 10,200.00
17	Installation of ABC Drive, Sheet 00C-04	LS	1	\$ 3,200.00	\$ 3,200.00
18	Silt Fence	LF	3,100	\$ 4.25	\$ 13,175.00
19	Sediment Tubes	EA	6	\$ 150.00	\$ 900.00
20	Subgrade Stabilization Stone	TN	200	\$ 60.00	\$ 12,000.00
21	Rock Pipe Inlet Protection	EA	2	\$ 2,650.00	\$ 5,300.00
22	Rolled Erosion Control Product	LF	100	\$ 8.00	\$ 800.00
23	Asphalt Pavement Replacement/Overlay	TN	20	\$ 250.00	\$ 5,000.00
24	Gravel Driveway Replacement	LF	40	\$ 41.50	\$ 1,660.00
25	Asphalt Driveway Replacement	LF	90	\$ 150.00	\$ 13,500.00
26	Select Fill	CY	200	\$ 50.00	\$ 10,000.00
27	Testing Allowance	LS	1	\$ 10,000.00	\$ 10,000.00
28	Change Order Allowance	LS	1	\$ 25,000.00	\$ 25,000.00
TOTAL BASE BID					\$ 1,389,293.50
BID SCHEDULE 2					
1	Mobilization	LS	1	\$ 24,550.00	\$ 24,550.00
2	12 IN Pipe	LF	660	\$ 89.50	\$ 59,070.00
3	12 IN, RJ Pipe	LF	200	\$ 175.15	\$ 35,030.00
4	12 IN, DI Pipe	LF	20	\$ 100.00	\$ 2,000.00
5	12 IN, RJ DI Pipe	LF	30	\$ 100.00	\$ 3,000.00
6	Tie to Existing 12 IN Water Main	EA	1	\$ 7,200.00	\$ 7,200.00
7	24 IN x 12 IN Tapping Sleeve and Valve	EA	1	\$ 11,665.00	\$ 11,665.00
8	12 IN Gate Valve	EA	1	\$ 4,475.00	\$ 4,475.00
9	Silt Fence	LF	900	\$ 4.25	\$ 3,825.00
10	Subgrade Stabilization Stone	TN	200	\$ 60.00	\$ 12,000.00
11	Rock Pipe Inlet Protection	EA	1	\$ 3,000.00	\$ 3,000.00
12	Rolled Erosion Control Product	LF	100	\$ 8.00	\$ 800.00
13	Asphalt Pavement Replacement/Overlay	TN	20	\$ 480.00	\$ 9,600.00
14	Select Fill	CY	50	\$ 75.00	\$ 3,750.00
15	Testing Allowance	LS	1	\$ 5,000.00	\$ 5,000.00
16	Change Order Allowance	LS	1	\$ 10,000.00	\$ 10,000.00
TOTAL BASE BID					\$ 194,965.00

TOTAL OF BID SCH

\$1,584,258.50

MAJOR EQUIPMENT SUPPLIERS

Ductile Iron Pipe Manufacturer	McWane
PVC Pipe (Cut & Cover) Manufacturer	Pipelife, Jetstream
Gate Valve Manufacturer	Mueller
Fire Hydrant Manufacturer	Mueller

 Indicates a Bid Irregularity.

ATTENDANCE REGISTER

Brunswick County
 US 74/76 Warehouse Fire Protection Main
 HDR Project # 10046184
 Bid Opening
Attendance Register

No.	Name	Representing
1	ERIC WILLIAMS	HDR
2	FANNIE AMOS	T.A. Loving
3	Trent Locklear	S+L Contracting LLC
4	Walter Carmichael	CC
5	Walter J Carmichael Jr	CC
6	Eddie Mullen	Carolina Civilworks Inc
7	Paul Biagiotti	BEP
8	Patricia Wayne	State Utility
9	Bill Pinnix, PE	Brunswick Co Eng Dept.
10	Amy Aycock	BL Engr.
11	JERRY PIERCE	Brunswick Eng Co
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