



## Utility Committee Meeting

### AGENDA

August 1, 2017

---

#### I. CALL TO ORDER

#### II. MATTERS BEFORE COMMITTEE

1. [Approval - Surplus Items](#)
2. [Purchase - Water Meters and ERTS](#)
3. [Approval - Replacement of Natural Gas Take Station](#)
4. [Purchase - Equipment for FTTX Project](#)

#### III. ADJOURN



## Utility Committee Meeting

### AGENDA

August 1, 2017

---

**Item:**

Approval - Surplus Items

**Department:**

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

---



## Utility Committee Meeting

### AGENDA

August 1, 2017

**Item:**

Purchase - Water Meters and ERTS

**Department:**

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

 [Water Meters and ERTS Info](#)



**To:** City Council, Committee, City Administrator  
**From:** Rodney Middlebrooks, Director of Water & Gas  
**Department:** Water  
**Date:** 7/28/17  
**Description:** Approval is being sought for the purchase of 300 Neptune 5/8" water meters with 300 Itron 100W erts.

---

**Budget Account/Project Name:** 520-527-04440-00531-532660

**Funding Source:** 2017 Budget Expense (Repair & Maintenance Inside)

**Budget Allocation:** \$100,000.00

**Budget Available:** \$59,183.30

**Requested Expense:** \$56,247.00

**Company of Purchase:** Delta Municipal Supply

---

***Recommendation:***

Staff recommends the APPROVAL of this request based on the information provided for the purchase of the meters & erts. Delta Municipal Supply is sole source provider for Neptune meters in Georgia.

***Background:***

These meters & erts will be used to replace 300 of the original 1500 water meters that the City installed to begin the ARM project in 2008. These meters/erts are no longer working and are in need of replacement..

***Attachment(s):***

Request – 1 page

Quotation – 1 page



www.deltamunicipal.com

## Quote

**Delta Municipal Supply Company, Inc.**

408 Jesse Cronin Road  
Braselton, GA 30517

Date	Quote #
7/24/2017	7674

Bill To
City of Monroe Accounts Payable PO Box 1249 Monroe, GA 30655

Ship To
City of Monroe 420 N. Broad St Building E Monroe, GA 30655

Your No.	Terms	Rep	FOB	Ship Via
Pending	Net 30 Days	JW	Destination	Best Way

Quantity	Description	Unit Price	Total
300	5/8" Neptune T-10 Meter E-Coder w/ Itron Connector - Bayonet Mount	115.00	34,500.00
300	100W Itron ERT	72.49	21,747.00

		<b>Subtotal</b>	\$56,247.00
		<b>Sales Tax (0.00)</b>	\$0.00
		<b>Total</b>	<b>\$56,247.00</b>

**WE APPRECIATE YOUR BUSINESS!** Please contact our office with any questions regarding this quote.

Phone: 770-277-0211 Fax: 770-277-2412 Toll Free: 1-800-273-0574

*"We Supply Service"*

Item # 2



## Utility Committee Meeting

### AGENDA

August 1, 2017

**Item:**

Approval - Replacement of Natural Gas Take Station

**Department:**

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

📎 [Natural Gas Take Station Info](#)



**To:** City Council, Committee, City Administrator  
**From:** Rodney Middlebrooks, Director of Water & Gas  
**Department:** Gas  
**Date:** 7/28/17  
**Description:** Approval is being sought for the purchase/install of new gas take station at warehouse.

---

**Budget Account/Project Name:**

**Funding Source:** 2017 CIP (Natural Gas)

**Budget Allocation:** \$100,000.00

**Budget Available:** \$100,000.00

**Requested Expense:** \$51,680.00

**Company of Purchase:** Natural Gas Trade

---

***Recommendation:***

Staff recommends the APPROVAL of this request based on the information provided for the purchase of two meters sets (Take Station). Bids where sought per policy.

***Background:***

Replacement of the old take station on the corner of N. Broad Street and Sorrell's Street. The new station will need to be completed and installed ahead of the natural gas relocation at Hwy 11/78 bridge. The new station will be moved back from N. Broad Street and the old building (existing take station) removed once complete.

***Attachment(s):***

Request – 1 page

Quotation – 3 page

NATURAL GAS TRADE.COM

80 KINGSTON ROAD  
COLBERT, GA 30628

Phone # 706-614-8237

janet.booker@charter.net

WWW.NATURALGASTRADE.COM

# Estimate

Date	Estimate #
7/14/2017	65

**Name / Address**CITY OF MONROE  
ACCOUNTS PAYABLE  
P.O. BOX 1249  
MONROE, GA  
30655**Project**

Description	Qty	Rate	Total
TWO DISTRICT REGULATOR SETS WITH TWO 300 SERIES 2" MOONEY SETPOINT 150 PSI, TWO 2" MOONEY SETPOINT 35 PSI, ONE FLOW SAFE RELIEF 2X3 300 SERIES SETPOINT 450 PSI, ONE FLOW SAFE RELIEF 150 SERIES 3X4 SETPOINT 165 PSI, AND ONE FLOW SAFE RELIEF 3X4 SETPOINT 40 PSI. TWO COMPLETE REGULATOR SETS WITH ASSOCIATED PIPING, COATED AND TESTED TO MAOP WITH TEST RECORDS PROVIDED	1	51,680.00	51,680.00
<b>Total</b>			\$51,680.00
Item # 3			

THANK YOU





**FIRST CUT**  
DESIGN AND FABRICATION

702 Old Providence Rd  
Waxhaw, NC 28173

(P) 704-975-7865  
(O) 704-843-1094

**Quote**

Quote # FCD170629  
Date 07/11/17  
Rep Jeff Francis

Company: City of Monroe  
To: Kyle Hamby

Item	Qty	Description	Unit Price	Ext Price
1	1	<p>FCDF to provide Monroe Gate Stations as seen from drawings supplied by D. Booker to include materials, welding, 4 hour pressure test, blast-prime-paint, and records package</p> <p>Quotation Inclusions and Assumptions:</p> <p>Delivery to GA Zip Code 30628 included- offloading not included</p> <p>NDT inspection not included</p> <p>4 Hour Pressure Test for each station included, electronic recorder</p> <p>Carboline Paint System included</p> <p>Internal API 1104 weld procedures and certifications</p> <p>Pipe Stands/Supports not included</p> <p>Balon Ball Valves Quoted</p> <p>150# Mooneys Quoted as Large Single Port, brass pilots, 100% drilled plates, 150# spring range</p> <p>150# Flowsafes quoted as F70PR's at 175 psig setpoint</p> <p>30# Mooneys Quoted as Large Single Ports, brass pilots, 100% drilled plates, 30# spring range</p> <p>30# Flowsafe quoted as F70PR at 36 psig setpoint</p> <p>Material quoted as domestic</p> <p>6" outlet header material on 30# station</p> <p>No underground piping included (no FBE pipe or coating- will leave outlets stubbed)</p> <p>Instrument tubing included</p> <p>2" WxW ANSI 150 Strainers included (Qty 4)</p>	\$52,500.00	\$52,500.00

Terms Net 30

Notes Delivery by Mid-September/Early October  
Sales Tax not included. If not tax exempt- sales tax will be collected on invoice on material only, labor exempt



*Quality*  
**Welding & Fabricating, Inc.**  
 100 Auburn Park Drive  
 Auburn, GA 30011  
 770-365-1712  
 678-804-3584 - fax

### **Price Quote**

Date: 7/6/2017

To: Kyle Hamby  
 City of Monroe

For: Gate Station Project Quote

From: Wendell Leet

FIRST CUT STATION 150#	<b>\$26,500.00</b>
SECOND CUT STATION 30#	<b>\$26,500.00</b>

- \* Fabricated per the drawing furnished by Ideal Gas Measurement
- \* Quality welding will furnish all material including regulators and relief valves
- \* First Cut Station tested @ 450# for 4hrs
- \* Second Cut Station tested @ 225# for 4hrs
- \* Second Cut Station is priced with a 6" header on the outlet with a 6" ball valve. Drawing shows 4"
- \* Stations will be sandblasted, primed and painted with two part epoxy paint. Will be ANSI 49 gray

PRICE IS GOOD THIRTY DAYS





Item # 3



## Utility Committee Meeting

### AGENDA

August 1, 2017

**Item:**

Purchase - Equipment for FTTX Project

**Department:**

**Additional Information:**

**Financial Impact:**

**Budgeted Item:**

**Recommendation / Request:**

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

 [FTTX Project Info](#)





**To:** City Council, Committee, City Administrator  
**From:** Brian Thompson  
**Department:** Telecom  
**Date:** 8/1/2017  
**Description:** Approval is being sought to purchase equipment for a FTTX deployment in the Downtown business core of the City

---

**Budget Account:**

**Funding Source:** CIP

**Budget Allocation:**

**\$75,000.00**

**Budget Available:**

**\$75,000.00**

**Requested Expense:**

**\$74,193.96**

**Company of Purchase:** Power & Tel/Ga IT Consulting

---

***Recommendation:***

Staff recommends the APPROVAL of this request based on the information provided.

***Background: Attached***

***Attachment(s):***

Request – 1 page

Background-1 page

Quotes- 1 page

The Industry has three main players AdTran, Calix, and Allied Telesis. Our staff spent several months researching all three and all have positives and negatives. In the end we chose AdTran for this deployment because of ease of use, flexibility, and company history. Calix was a very close second with Allied placing third. As discussed at our budget meetings last year we want to start this transition to fiber in the business core of the City. We have available fiber there and the addition of fiber to the Downtown area will create an economic development plus for this area. The initial purchase that we are requesting will have all electronics for 200 customers with the chassis capable of 504 total connections so the impact of this project can cover a much larger area. Once this project is complete all CATV based modems in the deployment area will be replaced with fiber leaving just TV on the cable plant. All customers will be able to stay with their existing data plan or they can migrate to a much faster plan the fiber enables. The AdTran platform will take our Telecommunications system into the future as completely optically delivered system. Once complete we will use it as a platform as a launching pad for rebuilding the entire network and eliminate all copper and CATV base products. TV can and is delivered over this system via many over the top products such as HULU, YouTube, and PlayStation Vue. TV programming is changing faster than I can describe with the whole industry trying to guess what is the best and most economical way to deliver programing to the customer.

Part Number	Description	Power Tel	Walker	Quantity
Chassis				
4192AE504L1	ADTRAN AMC CABINET CONFIGURATION FOR 504 LINES OF AE DELIVER (1 per cabinet)	\$15,614.90	\$15,532.00	1
1353BAT190	BATTERY STRING 190AH (1 per cabinet)	\$2,712.88	\$2,706.40	1
1353FIB050	24-POS LC-UPC FIB STANDARD CASSETTE RIBBON (2 per cabinet)	\$502.68	\$500.00	2
1353PWR007	PWR MOD -48V 30A VALERE C SER (2 per cabinet)	\$633.43	\$632.00	2
1187562F1	TA5000 ACTIVE ETH 24P GEN 3 (2 per cabinet)	\$1,470.59	\$1,462.78	9
1187010G2	TA5000 SCM G2 (1 per cabinet)	\$497.33	\$494.70	2
1187040F1	TA5000 SM40 4-10G NO RG (2 per cabinet)	\$5,133.69	\$5,106.40	2
ONTs				
1287786F1	TA401 1GE MICRO ONT	\$85.25	\$90.70	96
1287781F1	TA424RG 2POTS +4GE RG ONT	\$230.47	\$219.42	
1287704G1	TA 354E		\$228.75	
1187770G1S	TA350 ONT NID HSG SPLC (S)	\$50.12		
SFPs				
1442010G1	SFP CMPCT BIDI 1490/1310 10KM (1 for every 2 customers)	\$251.34	\$250.00	48
1442410G1	SFP+ 10G 1310NM SMF 10KM	\$128.36	\$127.66	3
Support Plans				
4906SVPAR7ATC03	BASIC NETWORK CARE-STARTER	\$2,766.00	\$2,789.00	1
4906SVPAR7ATD03	ENHANCED NETWORK CARE-STARTER T3-5K	\$6,335.00	\$6,383.00	
AdTran Total		\$68,496.75	\$68,748.80	

Part Number	Description	GA IT Consulting	Dell.com	Quantity
Server				
Dell PowerEdge 530	Server to run AOE platform w/ additional services	5697.21	6045.42	1
Server Total		5697.21	6045.42	

Lowest Final Total **\$74,193.96**