



Utility Committee Meeting

AGENDA

December 4, 2007

I. CALL TO ORDER

II. MATTERS BEFORE COMMITTEE

1. [Discussion - Water Update](#)
2. [Purchase - Mini Excavator for Water Department](#)
3. [Purchase - Submodules for Water Treatment Plant](#)
4. [Discussion / Approval - Piedmont Industrial Sewer Project](#)
5. [Purchase - Sludge Pump for Jacks Creek Waste Water Plant](#)
6. [Discussion / Purchase - Install Breaker and Reconfigure Buss Wire at Substation II](#)
7. [Discussion / Approval - Cherry Hill Road Re-conductor Project](#)
8. [Purchase - Puller and Tensioner from TSE](#)
9. [Information - Jacks Creek Reservoir](#)

III. ADJOURN



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Discussion - Water Update

Department:

Water and Gas

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

December 4, 2007

Item:

Purchase - Mini Excavator for Water Department

Department:

Water and Gas

Additional Information:

Financial Impact:

Budgeted Item:

This is a Budgeted Item

Recommendation / Request:

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

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[Mini Excavator](#)



Vermeer®
SOUTHEAST

Serving the Southeast.....since 1968

Vermeer Southeast Sales & Service

1320 GRESHAM ROAD – MARIETTA, GA 30062

PHONE: 770.973.8811 FAX:770.973.7829

E-Mail: wesmuschara@vermeersoutheast.com

23 October 2007

To: City of Monroe , *Rodney Middlebrooks*
From: Wes Muschara
RE: New Yanmar Vio-45 Mini Excavator

We are pleased to provide the following proposal on a new Yanmar Vio-45 Mini Excavator:

New Yanmar Vio-45 mini excavator *equipped with:*

- 18" bucket
- Hydraulic quick coupler
- VIPPS 3 pump system
- VICTAS track and undercarriage
- Zero – turn feature
- Canopy model
- 5th generation unit

City of Monroe Investment: **\$38,155**

Warranty explanation:

- One year or one thousand hours (whichever occurs first) for parts and "in-shop" labor.
- Three year or 3,000 hours on the hydraulic pumps

Thank you for the opportunity to compete for your equipment needs. We look forward to continuing our partnership.

Item # 2

ATLANTA JCB



CONSTRUCTION
EQUIPMENT

TO: Rodney Middlebrooks, The City of Monroe
FROM: John Warby, Atlanta JCB
SUBJECT: MIDI CX & 8045 ZTS Excavator Price Quote

September 5, 2007

Rodney,

Thank you for the opportunity to quote you the two JCB units that your crews have demonstrated in the field. We at Atlanta JCB look forward to building a long term business relationship with the City by providing you with quality equipment that will add to the productivity and service you provide to the customers you serve in the City of Monroe.

The pricing & specifications are as follows:

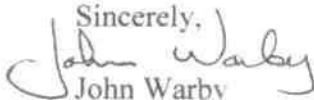
- 1) JCB MIDI CX with 50 HP Perkins Diesel Engine, 2 Speed Hydrostatic Transmission, Loader fully integrated into tractor frame (not a bolt on unit), anti spill loader, skid steer style compatible loader "Quickhitch", dump height 6'9". Backhoe with dig depth of 10', 180 degree swing arc, quick change bucket.

Municipal Sale Price \$ 34,670.00
Optional 4 in 1 Bucket \$1,025.00

- 2) JCB 8045 ZTS EXCAVATOR with 45 HP Perkins Diesel, Load Sensing Variable Displacement Hydraulic Pump, 16" wide Rubber Tracks, 4.27 psi. Ground Bearing Pressure, 12' 3" Digging Depth, 9487 ibf Bucket Tearout Force 24" Bucket.

Municipal Sale Price \$ 38,322.00

Additional specs sheets are included with this quote.

Sincerely,

John Warby
Atlanta JCB

2679 Barrett Lakes Blvd
Kennesaw, Ga. 30144
(678) 594-5400 Main
(678) 594-7868 Fax
www.AtlantaJCB.com

Item # 2



The City of Monroe
Attn: Mr. Rodney Middlebrooks

11-27-2007

Takeuchi TB145 (canopy) compact rubber track excavator with a quick coupler and an 18" quick coupler bucket.

\$41,408.12 (plus tax, if tax applies)

Note: This quote is good for 45 days and is subject to change thereafter. Price includes delivery. 2 year/2000 hour warranty with extra warranty available.



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Purchase - Submodules for Water Treatment Plant

Department:

Additional Information:

Financial Impact:

Budgeted Item:

This is a budgeted item.

Recommendation / Request:

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

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Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Discussion / Approval - Piedmont Industrial Sewer Project

Department:

Additional Information:

Financial Impact:

Budgeted Item:

Recommendation / Request:

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

Attachments / click to download

[Quote Piedmont Industrial Sewer Project](#)



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Purchase - Sludge Pump for Jacks Creek Waste Water Plant

Department:

Additional Information:

Financial Impact:

Budgeted Item:

Recommendation / Request:

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

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[Quotes for Sludge Pump](#)



QUOTE

155 Commerce Blvd
Loveland, OH 45140
Call: 800-860-2983

Quote #: AAAQ15016
Date: 12/03/07
Quote Expires On: 01/02/08

City of Monroe - Jacks Creek WWTP	Phone: (678)451-6130
Richard Fox	Ext:
	Fax:
Monroe, GA	

Quoted By: Dave Leigh

Ref: Monroe WWTP
App: sludge pump, 50-100gpm, 480VAC
DUPLICATE TO S/N 9943101 JULY-2005

FOB: Destination
TERMS: NET 30

Qty	Part #	Description	Unit Price	Ext. Price
1	FMP70NR5SA057KT3 FMP70	PeriFlo Pump consisting of: Model FMP 70 hosepump with reinforced rubber hose with roller system, 3" 150# flanged ports (standard), rated 1.76 gallon per revolution, max pressure 115 psi. With integral speed reducer, Mounted on steel frame base.	\$14,835.00	\$14,835.00
		Construction details:		
	NR	Natural rubber hose		
	5 (FMP)	115 psi setting, max		
	S	316SS ports, MNPT for AMP series, 150#RFF for FMP/RBT series		
	A (POS)	Right facing port orientation (standard)		
	057	57 rpm speed at 60 Hz		
	K	10 HP motor		
	T3	TEFC motor enclosure, 480/3/60, 1.15 SF, inverter rating: 4:1 constant torque, EPAct		
		ACCESSORIES:		
1	C111WF	Pulsation Dampener: 370 cu in. Wet end-PVC Dry end-PVC Bladder-Santoprene Air control-Charge type Inlet-2" 150# RFF	\$741.00	\$741.00

Discover the PeriFlo Home Page at: <http://www.periflo.com>

Terms & Conditions	Prices firm for 30 days
<p>PeriFlo warrants the products exclusively to Buyer as follows: (a) if all payments are made by Buyer when due, Seller warrants equipment (and its component parts) of its own manufacture against defects in materials and workmanship under normal use and service for one (1) year from the date of shipment for Models AMP, or (2) years from date of shipment for Models RBT and FMP; or (b) if any payment is not made by Buyer when due, PeriFlo warrants that it has good title to the Products and the Products are otherwise sold "as is" with all faults. This warranty shall not apply to products, which require repair or replacement due to normal wear, or to products which are subjected to accident, misuse, or improper maintenance. The express warranties contained in this paragraph do not apply to any Products: (a) that have not been properly installed, operated or maintained in conformity with specifications furnished by PeriFlo or with any instructions for the installation, operation and maintenance of the Products; (b) which have been misused or modified, altered, repaired or replaced without the prior written consent of PeriFlo; or (c) which are damaged by explosion, erosion or corrosion. The term of any express warranty set forth herein shall not be extended because of the replacement or repair of defective Products hereunder.</p>	

Qty	Part #	Description	Unit Price	Ext. Price
		SPARES:		
1	112 00 18	Natural Rubber hose for FMP 70	\$1,134.68	\$1,134.68
3	106 00 41	Grease, silicone Food Grade, 16 oz, for FMP series pumps	\$40.00	\$120.00
1	Freight	Freight cost allowance to destination	\$400.00	\$400.00
			Total	\$17,230.68

Thank you for the opportunity to work with you on this application. Please call me if you have any questions

Sincerely,
Dave Leigh

Discover the PeriFlo Home Page at: <http://www.periflo.com>

Terms & Conditions

Prices firm for 30 days

PeriFlo warrants the products exclusively to Buyer as follows: (a) If all payments are made by Buyer when due, Seller warrants equipment (and its component parts) of its own manufacture against defects in materials and workmanship under normal use and service for one (1) year from the date of shipment for Models AMP, or (2) years from date of shipment for Models RBT and FMP; or (b) If any payment is not made by Buyer when due, PeriFlo warrants that it has good title to the Products and the Products are otherwise sold "as is" with all faults. This warranty shall not apply to products, which require repair or replacement due to normal wear, or to products which are subjected to accident, misuse, or improper maintenance. The express warranties contained in this paragraph do not apply to any Products: (a) that have not been properly installed, operated or maintained in conformity with specifications furnished by PeriFlo or with any instructions for the installation, operation and maintenance of the Products; (b) which have been misused or modified, altered, repaired or replaced without the prior written consent of PeriFlo; or (c) which are damaged by explosion, erosion or corrosion. The term of any express warranty set forth herein shall not be extended because of the replacement or repair of defective Products hereunder.



PUMPING SOLUTIONS

FLUID CONTROLS AND AUTOMATION

September 4, 2007

Quotation # MUN-002-07-R1

Attn Richard Fox, Plant Manager

Monroe Utilities Network
215 N. Broad St.
PO Box 725
Monroe, GA 30655

Dear Richard,

Pumping Solutions is pleased to provide the following quotation per your request. This quotation is for a Periflo peristaltic pump model FMP70 to replace one of your current old sludge plunger pumps.

The quotation includes one FMP70 pump, one (spare) natural rubber hose for FMP70, 5lb food grade grease (silicone), one NEMA-1 10HP VFD, and installation at your facility. Installation includes: mounting the pump skid in place, connecting the pump to existing piping, connecting the motor and VFD to customer provided power source 480/3/60, and testing of system

Please note: customer will arrange for old pump removal and new concrete base before installation will take place.

Description	Cost
Pump, VFD, Installation	\$ 27,567 00

Price breakdown:

- Pump, \$18,125,
- VFD, \$2100,
- Installation to include piping & electrical components, and physical installation and start-up, \$7,342 (Flexible SS hose connectors included).

Options:

- 1 Pressure gauge with Alarm and diaphragm, cost \$840 (installed)
- 2 4" SS Ball valve flanged, cost \$885 (installed).
- 3 Timer and enclosure, cost \$665 (installed).
- 4 Sentry IV 4.8 gallon pulsation dampener, cost \$1820 (installed).
- 5 Optionally, Pumping Solutions can make a pulsation dampening setup for \$750 installed.

Thank you for the opportunity to provide you with this quotation. Please give me a call if you have any questions or require any additional information

All systems are rigorously tested before final delivery
Thanks for the opportunity,

Sincerely,

Art Boia

Pumping Solutions is pleased to offer the above-mentioned equipment for the subject project. Sales or use taxes are not included. Prices are firm for thirty (30) days unless stated otherwise. Pumping Solutions will not accept any liability for consequential or liquidated damages. Back charges will not be accepted without prior written approval. Pumping Solutions will make every effort to expedite delivery and maintain required shipping schedules; however, we will not be responsible for costs associated with delays or shipment problems beyond our control. Crating and shipping charges will be added to all invoices where applicable, FOB Pumping Solutions. Our system build time is 8-12 weeks ARO. Pumping Solutions or the companies we represent may make recommendations regarding the equipment selection or materials of construction, but the final decision rests with the purchaser. Pricing is based on quantities as listed; any deviation may result in a price change. Payment terms are: 35% upon drawing approval of drawings, 40% upon completion of shop work and in-house testing (to be received before shipping), 25% Net 30 days upon shipment. Finance charges of 1.5% may be added to all past due invoice balances.

4060 Unit G Nine McFarland Dr.
Alpharetta, GA 30004

www.pumpingsol.com

770-740-8866 (Voice)
770-740-8812 (Fax)

Jackscreekwwtp

From: "Dewitt Sosebee" <dsosebee@eco-tech.net>
To: <jackscreekwwtp@monroeuilities.net>
Sent: Monday, September 24, 2007 2:23 PM
Attach: spx80.doc; SPX Specification.doc; wd-spx80-us-01.pdf; b-BredelSPX-us-01.pdf; m-spx40_100-us-04.pdf
Subject: Pump Quote

Richard,

We are pleased to offer the Watson/Marlow SPX 80 pump to deliver 70 GPM continuous duty. Included in this quote will be the pump, gearbox, mounting base, motor, inlet and discharge pulsation dampener, ISO pressure ring and variable speed drive. A budget price for this pump will be \$36,375.00.

Keep in mind this is meant to be a budget price and could change.

Jim Bersik and I will be over at your office to talk SCADA at 10 on Tuesday.

Give me a call if you get a chance.

Regards,

DeWitt



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Discussion / Purchase - Install Breaker and Reconfigure Buss Wire at Substation II

Department:

Electric and Telecommunications

Additional Information:

High Voltage Specialist. Holder of 2007 MEAG Power contract, will perform the work.

Financial Impact:

This is a Budget Item

Budgeted Item:**Recommendation / Request:**

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

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[West Spring Substation Quote](#)



P. O. Box 212089, Martinez, GA 30917-2089
Tel: 706-854-8660 Fax: 9263
Email: info@hvsi.net www.HighVoltageSpecialists.com

May 10, 2007

Brian Thompson
Monroe Utilities
PO Box 725
Monroe, GA 30655

Dear Mr. Thompson,
We are pleased to quote the feeder breaker and regulator installation at West Spring Substation. All concrete for regulator and breaker foundation, rebar, anchor bolts, electrical fittings, three new regulator bi-pass switches, conduit, three regulator stands, control wire, 600 amp buss, bolts, nut, washers, and all materials to complete the installation. Raise the steel in the substation so it will be the correct height for energize parts. Supply all the labor, equipment and tools. Complete inspection and relay calibration on the new feeder breaker and testing regulators before energize.

Labor	\$19,750
Equipment and tools	\$3,660
Materials	\$13,817
Total to install breaker and regulators	\$37,227

Respectfully Submitted,

Frank Knox

Proven Partnership and Performance you can TRUST!



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Discussion / Approval - Cherry Hill Road Re-conductor Project

Department:

Electric and Telecommunications

Additional Information:

Conductor on Cherry Hill Road needs replacing to a larger conductor. Budget number is \$92,000 doing the work ourselves we can do it for \$45,000

Financial Impact:

Budgeted Item:

Recommendation / Request:

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Attachments / click to download

[Cherry Hill Road Conductor Project](#)

MEAG POWER DS
Estimate Material List
Estimate #: 157

Part Code	Part Description	Qty	U.O.M.
160-20000	CLAMP, ANGLE, #1-477 ACSR or AAC	18	EACH
160-30070	CLAMP, DEADEND, #6-2/0 ACSR, #6-3/0 AAC	14	EACH
160-30090	CLAMP, DEADEND, 2/0-556.5 ACSR, 3/0-556.5 AAC	33	EACH
270-40040	ROD, ARMOR, 336 (12 PER SET)	2	EACH
3/8GW	3/8" STEEL GUY WIRE	1856	FEET
ANCHR8HX	ANCHOR, 8 HELIX SCREW TYPE	10	EACH
ARM2PI36	BRACKET, 2 POST INSULATOR, 36" (BOWTIE) ACTION MFG. #AMI-414	5	EACH
ARMST60-DDE	ARM, STEEL 5', DOUBLE DEADEND	3	EACH
ARRESTER	ARRESTER, LIGHTNING, 9 OR 10 KV	21	EACH
ARRESTER-10	ARRESTER, LIGHTNING, 10 KV, HEAVY DUTY (JOSLYN #ZHP010)	15	EACH
BOLTCRG-3/8	BOLT, CARRIAGE, 3/8"	2	EACH
BOLTDA-5/8	BOLT, DA, 5/8", LENGTH AS REQ'D.	3	EACH
BOLTEYE-12	BOLT, OVAL EYE, 5/8"x12" (JOSLYN #J9412)	9	EACH
BOLTEYE-5/8	BOLT, EYE, 5/8", LENGTH AS REQ'D.	16	EACH
BOLTMACH-12	BOLT, MACHINE, 5/8"x12" (J8812)	3	EACH
BOLTMACH-5/8	BOLT, MACHINE, 5/8", LENGTH AS REQ'D.	123	EACH
BOLTMACH5/8-6	BOLT, MACHINE, 5/8" X 6"	2	EACH
BOLTTE-5/8	BOLT, THIMBLE EYE, 5/8". LENGTH AS REQ'D.	12	EACH
BRACE-CA2B	BRACE, CROSSARM, STEEL, 28"	2	EACH
BRKT-1PNF	BRACKET, FIBERGLASS FOR 1 PIN INSULATOR	20	EACH
BRKT-CA	BRACKET, CUTOUT & ARRESTER ("T") (JOSLYN #	3	EACH
BRKT-CA-T3	BRACKET, CUTOUT & ARRESTER, 3-PHASE ("T-3")	2	EACH
BRKT-STB	BRACKET, STABILIZER	5	EACH
CLEVISSEC	CLEVIS, SECONDARY, (JOSLYN #J1300 OR EQUAL)	35	EACH
CLMP-GR	CLAMP, GROUND ROD	21	EACH
CLMP-HL	CLAMP, HOT LINE	8	EACH
CLMP-SUSP	CLAMP, SUSPENSION	1	EACH
CUTOUT100A	CUTOUT, 100 AMP 15 KV (S&C #89031R10-D)	9	EACH
EYENUT-5/8	EYENUT, 5/8"	3	EACH
FUSE	FUSE, TYPE AND SIZE AS REQ'D.	0	EACH
GRIPDE-4/0	GRIP, DISTRIBUTION, 4/0	7	EACH
GRIPGUY-3/8	GRIP, GUY, 3/8"	100	EACH
GRIPSVC-4	GRIP, SERVICE, #4	4	EACH
GUARDANML	GUARD, WILDLIFE	8	EACH
GUARDGUY	GUY GUARD	7	EACH
GWSTAPLE	GROUND WIRE STAPLES, 1/4"x1-1/2" (BOX)	1	EACH
HOGEAR	GUY FITTING, HOG EAR	19	EACH
INS-HPCT	INSULATOR, HORIZONTAL POST TYPE CLAMP TOP, (#PL31153)	15	EACH
INS-PIN	INSULATOR, PIN 15 KV	41	EACH
INS-SPL	INSULATOR, SPOOL	3	EACH
INS-SUSP	INSULATOR, SUSPENSION, 15 KV POLYMER TYPE (#DS-15)	88	EACH
LINKSTK60	INSULATOR, FIBERGLASS LINK STICK 60	25	EACH

MEAG POWER DS
Estimate Material List
Estimate #: 157

Part Code	Part Description	Qty	U.O.M.
NUT-LK5/8	NUT, LOCK 5/8"	140	EACH
OHTFMR-10	OH TRANSFORMER, 10 KVA, 7200V PRIMARY	8	EACH
OHW-336ACSR	OH PRIMARY WIRE, 336 ACSR	12000	FEET
OHW-4/0ACSR	OVERHEAD PRIMARY WIRE, 4/0 ACSR	4000	FEET
OHWCU2-7	OH WIRE, #2, 7-STRAND BARE COPPER. (25# BOX)	1	EACH
PIN-JMPR-LH	PIN, JUMPER, LEAD HEAD	3	EACH
PIN-PT	PIN, POLE TOP	6	EACH
PIN-PTF	PIN, FIBERGLASS POLE TOP, FOR POST INSULATOR	10	EACH
PINCA5X1	PIN, STEELCROSSARM 5" W/1" HEAD	2	EACH
RODANCHR8	ROD, ANCHOR 8"	10	EACH
RODGRND	GROUND ROD, 5/8" X 8 OR 10 FT	21	EACH
SCREW-LG1/2X4	SCREW, LAG, 1/2"x4"	30	EACH
SHACKLE	SHACKLE, ANCHOR	3	EACH
STIRRUP2/0-556	STIRRUP, 2/0-556.5 ACSR OR 3/0-556.5 AAC	6	EACH
STIRRUP4-2	STIRRUP, #4-#2	2	EACH
STUD-PI	STUD, MOUNTING F/POST INSULATOR, 1-3/4"	13	EACH
SWITCH-GOLB	SWITCH, GANG OPERATED LOAD BREAK	2	EACH
TIEIL-336	TIE, IN-LINE, 336	31	EACH
TIESPL-4/0	TIE, SPOOL, 4/0	19	EACH
WDPOLE30-5P	WOODEN PENTA POLE, 30'-5	1	EACH
WDPOLE50-4P	WOODEN PENTA POLE, 50'-4	20	EACH
WIRE-6SD	WIRE, #6 SOLID, SOFT DRAWN COPPER, 25# BOX	3	EACH
WIRE-RSR6	WIRE, RISER #6 COPPER. LENGTH AS REQ'D.	22	FEET
WSHR-3/8FLT	WASHER, 3/8", FLAT	2	EACH
WSHR-CRV4X4	WASHER, CURVED, 4" x 4"	31	EACH
WSHR2-1/2SQ	WASHER, SQUARE, 2-1/4" x 2-1/4"	148	EACH



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Purchase - Puller and Tensioner from TSE

Department:

Electric and Telecommunications

Additional Information:

Financial Impact:

Budget Item

Budgeted Item:

Recommendation / Request:

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

Attachments / click to download

[1st quote for puller and tensioner](#)

[2nd quote for puller and tensioner](#)

SOUTHCON
 3305 Breckinridge Blvd.
 Suite 106
 Duluth, GA. 30096



TELE: 770/242-8222
 FAX: 770/242-6612
 swilkins@southcon.net

TO: City of Monroe
 ATTN: Brian Thompson
 FAX NO:
 RE: Sherman & Reilly

PAGE: 1 of 2
 FROM: Danny Sciba

DATE: 11/21/07

Brian,

The items below are the Sherman & Reilly items we are pleased to quote to City of Monroe.

Terms are Net 30 days

Delivery to completion 12-14 weeks

PT 2766 TENSIONER B-D-T **\$48,700.00/ea. net**

WITH:

PAYOUT BRAKE

HYDRAULIC SPIDER REWIND

SPIDER LEVELWIND

PT2766 PULLER B-D-T **\$59,400.00/ea. net**

WITH:

46" STEEL DRUM

PAYOUT BRAKE

HYDRAULIC LEVELWIND

6000 FEET UNLINE 5/8" ROPE

GRIP

SWIVEL

Item # 8

5301 Shreveport-Blanchard Highway
Shreveport, Louisiana, 71107
Telephone 800-825-2402 – Fax 318-929-4853
Website: www.tse-international.com

Proposal#Q112007MN04
Date: 11/27/2007
Valid to: 12/20/2007

Bk Thompson
City of Monroe Georgia

2501 PLW

Fax:

Dear Mr. Thompson:

TSE is pleased to offer the following equipment for your review:

1.0 1 ea **TSE MODEL DP-10-4H TRAILER MOUNTED
FOUR DRUM PULLER**

BASIC UNIT DESCRIPTION

Performance

- * Continuous linepull capacity of 1,650 lbs at bare reel.
- * Continuous linepull capacity of 875 lbs. at full reel.
- * 0 - 270 fpm empty and 0-540 fpm full drum line speed with infinite speed control and excellent inching ability.
- * 3,000-PSI maximum hydraulic pressure at full performance.

Reel

- * A simple provision for removing the reel assembly from the trailer for optional pole installation.
- * Four pulling reels with individual clutch control to each reel.
- * Each reel has a capacity for 6,000 ft. of 3/8" diameter pulling rope.
- * Freewheeling reels with individual bronze disc brakes and manual calipers on each reel for controlling rope payout.
- * Pay out anti-rotation device on the drive system.
- * The reel shaft is mounted on replaceable ball bearings with grease fittings for smooth operation and long life.
- * Automatic diamond leadscrew levelwind, with a urethane lined sheave, adjustable for use with all four reels.

Hydraulic Reel Drive

- * Positive locking, pay put, anti-rotation device on the final drive system.

- * Variable displacement hydraulic pump drive system with infinite speed and tension control.
- * 12-gallon hydraulic reservoir with oil level and temperature gauge and bottom drain port.

Engine

- * 18 h.p. air cooled, gasoline engine with a 12 volt electric starter, keyed ignition, choke, throttle.
- * 6-gallon fuel tank with level gauge.

Trailer and Undercarriage

- * Single axle with 5,200 lbs capacity (5,800 GVWR), spring leaf type with electric brakes and a break away switch.
- * Two breakaway safety chains with hooks.
- * Two 8.75-16.5 LT tires each having a capacity of 2,680 lbs.
- * Standard highway lighting with a dual tail light system, one for turn light and one for brake light.
- * Reflective tape as required by NHTSA.
- * Heavy duty, crank type, drop leg mechanical tongue jack.
- * 3" pintle hitch adjustable to 4 height positions using pin type connections which do not require tools for adjustment.
- * The trailer frame and tongue is constructed of tubular steel and is fully welded.
- * Heavy-duty checker plate fenders with mud flaps.
- * The unit is sandblasted, primed and painted with two coats of enamel finish paint.

Basic Unit Price.....\$ 42,880.00

Approximate Dimensions:

Length 11', Width 92", Height 74", Weight (without rope) 3,200 lbs.

OPTIONS INCLUDED IN PRICE

1.10 4 ea. 6,000 ft. of ESTERPLEX, 12 braid, 3/8 in. diameter, Easy Splicing type pulling rope installed on each reel under tension. Four different colors. Average breaking strength 6,000lbs.

F.O.B.: Shreveport, LA
 Delivery: **10-12 Weeks** after receipt of order
 Terms: Net 30 days

If we can assist you in any way, please let us know.
 Sincerely,

Mike Nash
 Sales Coordinator
 cc: Clark Howle, TSE Territory Account Manager

5301 Shreveport-Blanchard Highway
Shreveport, Louisiana, 71107
Telephone 800-825-2402 – Fax 318-929-4853
Website: www.tse-international.com

Proposal#Q112007MN03
Date: 11/27/2007
Valid to: 12/20/2007

Bk Thompson
City of Monroe Georgia

Fax:

Dear Mr. Thompson:

TSE is pleased to offer the following equipment for your review:

1.0 1 ea **TSE MODEL T30/36 VGRC COMBINATION
TENSIONER / REEL CARRIER**

BASIC UNIT DESCRIPTION

Performance

- * Continuous performance of 3,000 lbs. tension at 4.0 mph.
- * Capable of tensioning of conductors up to 795 ACSR.

Bull wheels

- * Single V-Groove bullwheel 36 in. in diameter.
- * Groove diameter of 1.75 in.
- * The bullwheel has three bolt on replaceable urethane lining segments.
- * The bullwheel rotates on heavy duty Timken bearings.
- * Open reeved for easy installation and removal of the conductor.
- * The bullwheel has a 36 in. diameter bronze disc brake and a hydraulic brake caliper.
- * The bullwheel brake is controlled by a hydraulic control with fine adjustment and an anti-surge accumulator to insure a smooth tensioning force is exerted on the bullwheel.

Control Console

- * A pressure gauge and performance chart, mounted on a control panel, are provided to indicate the tension in the conductor.

Fairlead

- * A 3 roller fairlead with rubber lined rollers mounted on roller bearings is located to insure conductor is guided from the reel to the entrance groove.

Item # 8

Reel Capacity

- * Maximum reel diameter capacity is 72 in.
- * Maximum reel width capacity is 54 in.
- * Maximum reel weight capacity is 8,000 lbs.

Reel Shaft

- * The reel shaft is 2-5/8 inches in diameter.
- * Equipped with a double drive arm with 2 adjustable drive pins, a clamp type locking collar and lifting loops.
- * The reel shaft is mounted on replaceable bronze full circle sleeve bearings with grease fittings for smooth operation and long life.
- * The reel tensioning brake is a 16 in. diameter bronze, ventilated disc with a manually adjustable caliper. The reel brake provides adequate tension to prevent over spin of the reel as it enters the bullwheel tensioning module.
- * The reel shaft is designed for quick reel change. The reel and shaft are lifted straight up with no side shift required to remove the assembly. No tools or adjustments to the over spin brake are required.

Trailer and Undercarriage

- * Tandem axle set with 10,400 lbs capacity, spring type with electric brakes and a break away switch.
- * Two breakaway safety chains with hooks.
- * Four 8.75-16.5 LT tires each having a capacity of 2680 lbs.
- * Standard highway lighting with a dual tail light system.
- * Heavy duty, crank type, drop leg mechanical tongue jack.
- * 3" pintle hitch adjustable to 4 height positions using pin type connections which do not require tools for adjustment.
- * The trailer frame and tongue is constructed of tubular steel and is fully welded.
- * Heavy duty checker plate fenders.
- * The unit is sandblasted, primed and painted with two coats of enamel finish paint.

Basic Unit Price \$ 21,159.00

Approximate Dimensions:
Length 17', Width 8', Height 7'-6", Weight 3,200 lbs.

F.O.B.: Shreveport, LA
 Delivery: **10-12 Weeks** after receipt of order
 Terms: Net 30 days

If we can assist you in any way, please let us know.

Sincerely,
 Mike Nash
 Sales Coordinator

cc: Clark Howle, TSE Territory Account Manager

Item # 8



Utility Committee Meeting

AGENDA

December 4, 2007

Item:

Information - Jacks Creek Reservoir

Department:

Additional Information:

Financial Impact:

Budgeted Item:

Recommendation / Request:

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

Attachments / click to download

[Information on Jacks Creek Reservoir](#)

Estimated Environmental Permitting Costs – Jacks Creek Reservoir

Year	Task[†]	Lead Agency	Estimated Cost*
1	Purpose and Need Analysis <ul style="list-style-type: none"> • Yield Analysis (current & projected use, growth projections, Apalachee River diversion, etc.) • Alternatives Analysis (pool elevations, alternate sites, conservation, etc.) 	EPD USACE	\$150,000
	Jurisdictional Delineation (wetlands & streams)/Protected Species Survey	USACE	\$45,000
	Early Agency Coordination	USACE/EPD	\$20,000
	Water Conservation Plan	EPD	\$20,000
	Watershed Management Plan	EPD	\$15,000
	Drought Contingency Plan	EPD	\$30,000
	Cultural Resources Study	USACE	\$60,000
	Individual Permit Preparation	USACE	\$60,000
	Concept Mitigation Plan	USACE	\$60,000
	Concept Engineering	USACE/EPD	\$30,000
	EPD Water withdrawal permit	EPD	\$20,000
Agency Coordination/Response to Comments	USACE, USFWS, EPA, EPD, GDNR	\$70,000	
Sub-total			\$580,000
2/3	Agency Coordination/Response to Comments continued	USACE, USFWS, EPA, EPD, GDNR	\$180,000
Sub-total			\$180,000
Total			\$760,000

[†] Tasks are generally listed in order of occurrence. Completion of the first three tasks would determine the overall direction of the permitting process and help to refine project scope and schedule.

*Estimates based on current project knowledge and past project experience. Review of previous studies as well as results of early coordination with EPD and USACE will allow for refinement of cost estimates. The overall cost per year estimate is based on an aggressive three year permit period. Depending on actual schedule and agency response, an extended permit period would reduce the actual cost per year estimate.