



P.O. BOX 850 | COWETA, OKLAHOMA 74429 | PH. (918) 486-2189 | FAX (918) 486-5366 | www.cityofcoweta-ok.gov

**AGENDA - REGULAR MEETING
COWETA PUBLIC WORKS AUTHORITY
COWETA CITY HALL, 310 S. BROADWAY
IMMEDIATELY FOLLOWING THE MEETING
OF THE COWETA CITY COUNCIL
MONDAY, SEPTEMBER 9, 2019 6:00 P.M.**

MEETING PROCEDURE: Comments on all scheduled agenda items will be heard immediately following the presentation by staff or the petitioner. Please wait until you are recognized by the Chairman and keep your comments as brief as possible. Individuals addressing the Trustees must identify themselves by name prior to making any comments. The Trust Authority will act on an agenda item after comments from staff and the Trust Authority have been heard.

I. CALL TO ORDER

II. ROLL CALL

EVETTE MORRIS _____
HAROLD CHANCE _____
NAOMI HOGUE _____
LOGAN BROWN _____
RANDY WOODWARD _____

III. CONSENT

(All matters under the "Consent Calendar" are considered by the Board of Trustees to be routine and will be enacted by one motion. Any Trustee may, however, remove an item from consent by request.)

1. Approval of the Regular Meeting Minutes

Approval of the minutes of the Coweta Public Works Authority Regular Meeting held on August 5, 2019.

Documents:

[190805 MINUTES OF THE COWETA PUBLIC WORKS AUTHORITY.PDF](#)

IV. OLD BUSINESS

1. Water Treatment Facility Chlorine Gas Cylinder Emergency Shutoff Valve system

Discussion and possible action to approve the purchase of an emergency shutoff valve system for the chlorine gas feed cylinders at the Water Treatment Facility.

(Rob Werley, Public Works Director)

Documents:

[190909 STAFF REPORT CL2 EMERGENCY VALVE SHUTOFF.PDF](#)
[190909 HAWKINS QUOTE ON CL2 VALVE.PDF](#)
[DUPLEX MODEL II BULLETIN 903.01.PDF](#)

2. Purchase of a new backhoe for the Water / Wastewater Departments

Discussion and possible action on the purchase of a 580N Case Backhoe from OTC Equipment at a cost not to exceed \$90,000 utilizing Oklahoma Statewide contract SW192 and authorizing the Trust Manager to execute all necessary documents related thereto.

(Rob Werley, Public Works Director)

Documents:

[190909 STAFF REPORT CASE 580N BACKHOE PURCHASE.PDF](#)
[CASE 580N BACKHOE LOADER_2019.PDF](#)

3. Permission to Bid AMR System

Discussion and possible action directing staff to initiate a public bid process for an Automatic Meter Reading System for the Coweta domestic water system.
(Roger Kolman, Trust Manager)

Documents:

[190909 STAFF REPORT ON AUTOMATIC METER READING SYSTEM.PDF](#)

V. NEW BUSINESS

(Business which was not foreseen prior to the posting of the agenda.)

VI. ADJOURNMENT

**IF YOU REQUIRE SPECIAL ACCOMMODATIONS PURSUANT TO THE AMERICANS WITH DISABILITIES ACT,
PLEASE CONTACT CITY HALL BY 9:00 A.M. THE DAY OF THE MEETING.**

**MINUTES OF THE COWETA PUBLIC WORKS AUTHORITY REGULAR MEETING
AUGUST 5, 2019 6:00 P.M.**

The Trustees of the Coweta Public Works Authority met in regular session on Monday, August 5, 2019 at 6:20 p.m. in the Coweta City Hall, 310 S Broadway, Coweta, Oklahoma.

TRUSTEES PRESENT: Evette Morris, Harold Chance, Naomi Hogue, Logan Brown.

TRUSTEES ABSENT: Randy Woodward.

I. CALL TO ORDER

The meeting was called to order by Chairman Morris.

II. ROLL CALL

Roll call taken. Trustees were present and absent as shown above.

III. CONSENT

Motion by Harold Chance, second by Logan Brown to approve the consent calendar items:

1. Minutes of the Coweta Public Works Authority Regular Meeting held on July 1, 2019.

Aye: Harold Chance
Logan Brown
Evette Morris
Naomi Hogue

IV. OLD BUSINESS

1. SCADA system upgrades for Water Treatment Facility

Public Works Director Rob Werley presented information on the upgrade of the SCADA system at the Water Treatment Facility.

Motion by Harold Chance, second by Logan Brown to approve the contract with Schuermann Enterprises, Inc. to upgrade the SCADA software to Clear SCADA software for the Water Treatment Facility at a cost not to exceed Ninety Thousand Dollars (\$90,000) and directing the Trust Manager to execute all necessary documents.

Aye: Harold Chance
Logan Brown
Evette Morris
Naomi Hogue

V. NEW BUSINESS

There was no new business.

VI. ADJOURNMENT

Chairman Morris adjourned the meeting at 6:29 p.m.

**MINUTES OF THE COWETA PUBLIC WORKS AUTHORITY REGULAR MEETING
AUGUST 5, 2019 6:00 P.M.**

Evette Morris, Chairman

Harold Chance, Secretary



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Memorandum

To: Honorable Chairman and Members of the Board of Trustees

From: Rob Werley, Public Works Director

Date: 9 September 2019

Re: Water Treatment Facility Cl₂ Halogen valve emergency shutoff system

BACKGROUND:

The Water Treatment Facility (Facility) currently utilizes chlorine (Cl₂) gas for disinfection purposes. The Cl₂ gas comes in 1-ton cylinders which are attached to shut off valves, regulators, and feed lines at the Facility. If a leak occurs on a regulator or feed line, there is no way to shut the system off other than by doing so manually. Plant operators must suit up in hazmat suits and SCBA equipment to go into the Cl₂ room to manually shutoff the valve. There are emergency valve shutoff systems that will automatically shut off a regulator when a leak is detected which is a safety improvement to the system currently in place.

The Halogen Duplex Model II emergency valve shutoff system is compatible with one (1) of the two (2) Hydro brand regulators we already in use at the Facility. As part of this upgrade, the Facility would need to install a second compatible regulator.

This purchase is included in the FY 2019-2020 budget in the Capital Projects Fund at 12-5404-33 and is not to exceed \$21,000

STAFF RECOMMENDATION

Staff recommends the purchase of the Halogen Duplex Model II emergency shutoff system and a 2nd Hydro series 900 mounted regulator through Hawkins, Inc. of Tulsa in an amount not to exceed \$21,000 which includes shipping, installation, and training.

ATTACHMENTS

Quote from Hawkins, Inc.
Halogen emergency valve shutoff system information
Hydro series 900 regulator information

Qty.	Model #	Hawkins #	Description	List Each	
1	6504.14		Halogen Duplex model II controller with (2) Eclipse actuators.	\$16,950.00	
1	4500.14-5		Halogen relay interface module	\$1,325.00	
1	SVR-10T-CL2-AW		Hydro 900 Series ton mounted vacuum regulator, heater and actuator ironworks.	\$1795.00	

1 – Freight price = approximately = \$100.00

This price includes assistance with installation, start-up, and operator training. We are not electricians so I would advise having your electrician on site during install. Please let me know if you have any questions or concerns.

Lead time approximately 2 weeks.

Total price = \$20,170.00

Thank you very much,

Curt Fleming

Hawkins Tulsa Branch manager
918-550-9815





Emergency Valve Shutoff System

Duplex Model II Controller

Bulletin: 903.01

The Simplex System features one Eclipse actuator and the Duplex System includes two actuators.



The Duplex Model II controller allows for operation of up to 2 Eclipse actuators simultaneously. The Duplex Model II meets all Fire Code requirements.

Remote Operation

Shutoff a leak without having to enter a toxic environment by means of remote switches: gas detector, kill or panic button, SCADA system, fire or seismic alarm, etc.

Features

- Electronically Closes Valves - Approx. 3/4 sec!
- Fits Standard Valve Configurations
- LCD System Information Display
- Operator can Open /Close valve manually
- Allows Multiple Remote Switches
- Microprocessor Controlled
- Fault Error Diagnostic System
- Battery Operated (3 days w/AC failure)
- 2 Levels of Torque: Emergency - 50 ft. lbs.
Test - 30 ft. lbs.
- 3-Way Over Torque Protection
- Entire System NEMA-4X
- 3 Year Warranty

Available Options

- RS232 Serial Port Output to SCADA
- Relay Interface Module System
- Satellite Gas Detector Connection
- Annual Preventative Maintenance Program

Applications:

Water Treatment Facilities
Wastewater Treatment Facilities
Hazardous Gas Use Facilities



Ton Container



150lbs. Cylinder



Eclipse with wall bracket



Controller Interior

Halogen Valve Systems, Inc.
17961 Sky Park Circle,
Suite A
Irvine, CA 92614
Tel: 949-261-5030
Fax: 949-261-5033
Toll Free (877) 476-4222



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Memorandum

To: Honorable Chairman, Members of the Board of Trustees

From: Rob Werley, Public Works Director

Date: 9 September 2019

Re: 2019 Case 580N Backhoe Loader purchase

BACKGROUND:

Coweta Public Works currently utilizes a 2000 Case 580 Backhoe Loader as our primary piece of equipment to excavate water and wastewater lines for repair. This backhoe has over 92,000 hours on it and over the last two years has had numerous mechanical issues causing PWA to have to rent backhoes until repairs could be made.

BENEFITS

By purchasing a new 2019 Case 580N Backhoe Loader we have a reliable piece of equipment again reducing repair costs as well as rental costs.

COSTS

Utilizing State bid contract SW 192 I contacted OCT Equipment in Tulsa and was quoted the price of \$89,974.11.

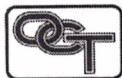
Funds for this purchase would come from the Water Department Capital Outlay Budget 12-5404.033 and Wastewater Capital Outlay Budget 12-5404.034.

STAFF RECOMMENDATION

Staff recommends approval of the purchase of the 2019 Case 580N Backhoe Loader from OCT Equipment.

ATTACHMENTS

OCT Equipment bid proposal



OCT Equipment, LLC
 Quoted on Behalf of CNH Industrial America
 12210 E. First St.
 Tulsa, OK 74128
 Phone: 918-437-5085
 Fax: 918-437-5099



Oklahoma Statewide Contract Quote Contract SW192

Prepared For: **CITY OF COWETA (PUBLIC WORKS)**

Date: 08/15/19

ROB WERLEY

918-486-8073

Territory Manager

rwerley@cityofcoweta-ok.gov

Rod Meeker
918-639-1601

Delivery:

30 to 180 days from receipt of purchase order.

Payment Terms

Payment due no later than 30 days from Delivery. OCT does not accept the P-Card for machine purchases.

**Prices are subject to change.
This quote is valid for 60 days
from the date shown above.**

Base Model: CASE 580N LOADER BACKHOE

Warranty: Full Machine Warranty for 12 months
Engine Warranty for 24 months or 2000 hours

SW192 Discount: 37%

Price List Date: 6/10/2019

**Price After
Discount**

Order Code	Option Description	List Price	Price After Discount
	CASE 580N LOADER BACKHOE 4WD T4 FINAL	\$ 111,699.00	\$ 70,370.37
423059	4WD Powershuttle Transmission		-
8201110	Front Tires - 12x16.5, 10PR lug tread		-
8401140	Rear Tires - 19.5LX24, 10PR STD		-
464073	Extendahoe - Includes 700 lb. front counterweight	6,187.00	3,897.81
X20038X	Standard Backhoe Controls		-
423069	Backhoe Bucket - 24" Universal Bucket	1,325.00	834.75
442056	Flip Over/Stabilizer Pads Combo	816.00	514.08
747862	Loader Bucket - 82" wide, Long Lip - Includes bolt-on cutting edge and lift eye	2,529.00	1,593.27
747855	Cab, LH Door w/Heater/AC -Includes one door, defroster, door activated dome light, four front, four rear, and two adjustable side lights, floor mat, tinted glass, radio ready, front & rear wiper and fender extensions.Includes Bluetooth Radio.	9,067.00	5,712.21
747851	Seat - Mechanical Suspension, Vinyl, w/ armrests		-
745167	Locking DEF/Fuel Cover		-
745136	4WD Drive Shaft Guard		-
Telematics	Case SiteWatch with 3 year Advanced subscription		-
			-
		131,623.00	\$ 82,922.49

List Price Subtotal

Destination Charge \$ 839.00

Predelivery/Setup \$ 850.00

Delivery Freight \$ 150.00

Additional options not included in Case price book.

Price

Total Additional Options \$ -

Total Selling Price \$ 84,761.49

Options (if chosen, add to Total Selling Price)

		List Price	After Discount
747669	Pilot Controls w/Auto-Up stabilizer control - includes backhoe/excavator pattern change switch	\$ 2,380.00	\$ 1,499.40
464077	Auto Ride Control & Comfort Steering	\$ 1,762.00	\$ 1,110.06
423093	Cold Start option: Dual Batteries, Engine Block Heater and heated CCV hose.	\$ 847.00	\$ 533.61
464074	2-way auxiliary backhoe hydraulics <i>Required for Thumb option</i>	\$ 2,785.00	\$ 1,754.55
423047	1100 lb. counterweight in lieu of 700 lb. <i>Required for Thumb option</i>	\$ 500.00	\$ 315.00

CASE
CONSTRUCTION

Backhoe Loaders

N SERIES

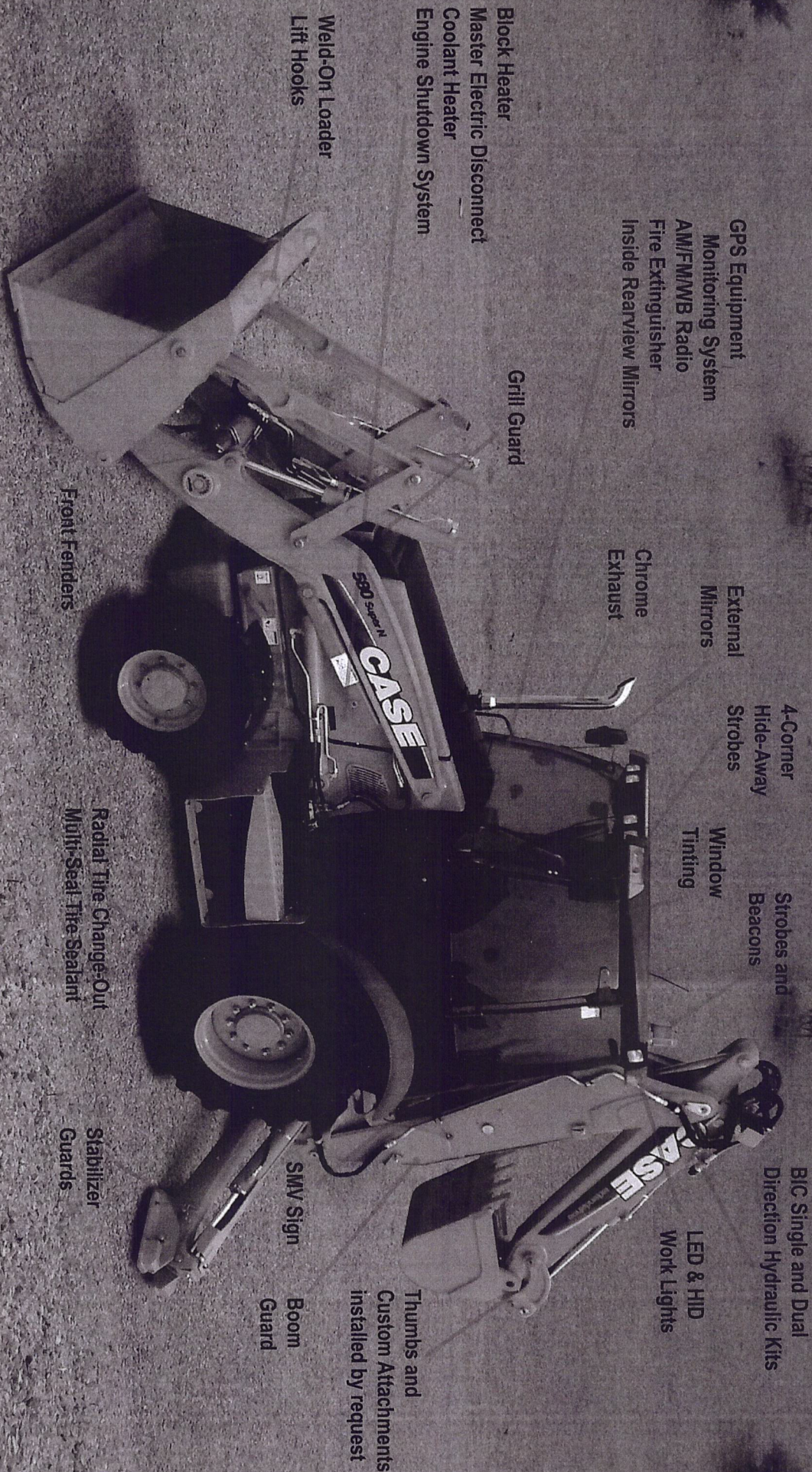


580N EP | 580N | 580 Super N | 580 Super N WT | 590 Super N

SINCE 1842



OPTIONS FOR CASE BACKHOES



GPS Equipment
Monitoring System
AM/FM/WB Radio
Fire Extinguisher
Inside Rearview Mirrors

External
Mirrors

4-Corner
Hide-Away
Strobes

Strobes and
Beacons

Window
Tinting

BIC Single and Dual
Direction Hydraulic Kits

LED & HID
Work Lights

Grill Guard

Block Heater
Master Electric Disconnect
Coolant Heater
Engine Shutdown System

Weld-On Loader
Lift Hooks

Chrome
Exhaust

Front Fenders

Radial Tire Change-Out
Multi-Seal Tire Sealant

Stabilizer
Guards

SIMV Sign

Boom
Guard

Thumbs and
Custom Attachments
installed by request

AVAILABLE THROUGH YOUR LOCAL CASE DEALER

WWW.BURLINGTONINSTALLATION.COM



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Staff Report

To: Honorable Chairman, Board of Trustees
From: Roger Kolman, Trust Manager
Re: Automatic Meter Reading System
Date: 9/9/19

BACKGROUND

The Coweta Public Works Authority owns and operates a domestic water system with approximately 3,500 meters spread across the City and into certain parts of surrounding Wagoner County. Currently, these meters are read through a manual process by Public Works employees walking to each meter and entering the read into a handheld electronic entry system. That information is then uploaded into the utility billing system, which generates a list of abnormal reads that are sent back out for rereading.

In the field, the meter readers may encounter meter boxes with vehicles parked on top of them or filled with water or dirt. If the box is filled with water or dirt, the water must be pumped out, or the dirt dug out, prior to the meter being read. In the case of a car parked on top of the box, the meter reader may have to return several times to read the meter if the owner cannot be immediately contacted.

Automatic Meter Reading (AMR) systems generally consist of a water meter that is joined to a battery-operated radio that reports read data to a data collection device that is contained in a vehicle.

Depending upon the surrounding terrain, most modern AMR's will consistently broadcast for 4 to 5 city blocks to the vehicle doing the data collection. As a result, one person, in one vehicle, can accurately read all the meters in Coweta's domestic water system in under 4 hours.

An additional advantage of these systems is that they retain data on approximately 90 days of water consumption, by hour, which can be provided to the customer upon request. This data helps customers better manage their water consumption and determine if a leak may be present.

The modern battery and radio systems generally will last for 15 to 20 years before the battery and/or meter needs to be replaced.

RECOMMENDATION

Staff recommends that the Trustees direct staff to initiate a public bid process to replace the existing manual read meters and infrastructure with a drive by automatic meter reading system.

ATTACHMENTS

None.