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CONTEMPORARY MACHINERY & ENGINEERING SERVICES, INC.

PROPOSAL TO:
Floyd Bailey, Jr.
RTA 8225 Willow St.
New Orleans, La. 70119

PROPOSAL NO: I-3130
March 3, 2025
Inquiry - Verbal

PROPOSAL COVERS

Complete Electrical Upgrade for COMAC Wheel Press Serial No. 221407 including New Main Control Panel complete with up-to-date electrical components, New PLC Control System, New Wheel and Bearing Chart Recorder System with Bar Code Readers and Color Printer, 15 inch wide-view Operator Interface HMI Touchscreen mounted in New Pedestal, installation of modern up-to-date Electronic Proportional Hydraulic control valves, Installation of New Digital Pressure Switches and Analog Transducers.

PROPOSAL ALSO INCLUDES:

Replacement of all original Hydraulic lines, replacement of Main Ram Chevron Packings, and replacement of Hydraulic Reservoir oil. Redesign of Elevator Armature Cradle Support Attachment for better Stability when pressing out armature shafts, Redesign of Original furnished Bearing Puller Adapter to prevent shattering during use, and Redesign of the Spreader Bar system used with the Overhead Crane to Load Wheelsets into press while keeping Wheelset Level. Additionally included with be the tooling necessary to mount your Canal Streetcar Wheels.

GENERAL DESCRIPTION

A New Main Electrical Control Panel will be assembled and wired in our shop containing up-to-date Programmable Controller and all new Electrical Components required for proper machine operation. This new Main Panel and Enclosure will replace the existing main panel on the machine.

A New Pedestal containing a 15 inch Wide-view HMI Touchscreen will be assembled and wired in our shop and will replace existing pedestal for machine control.

The COMAC Mounting Press Stand-Alone Chart Recorder System consists of a 20-inch Touchscreen Monitor and Color Printer along with an Analog and Digital I/O interface. All recorder operations are under the control of a totally sealed, Fanless, metal encased Industrial PC Computer.

Digital Pressure Transducers supply calibrated Analog signals for the Bearing and Wheel mounting pressures, a Linear Position Transducer is supplied for calibrated Analog measurement of Press Ram travel to provide PSI relative to tonnage and distance traveled.

All electronic components including printer will be mounted in a Stand-Alone 24" W X 24" D X 72"H Nema 12 Industrial Enclosure.

Bar Code Scanners are supplied for ease of entry into the system of all required data for the Wheels, Axle, and Bearings. Manual data entry is also possible using Touchscreen menus.

OPERATION

Turn "ON" Machine Control Power key switch located on front of pedestal. Turn "ON" Chart Recorder System Power and allow 15 minutes for Chart Recorder System to warm up.

NOTE: If De-mounting, leave Chart Recorder System power turned off.

Follow Machine Start-up and "Homing" procedures in preparation for mounting operations.

When ready to press, Using the Bar Code scanner, Scan the Wheels, Axle, and Bearing Data into the proper locations as defined. Data can also be manually entered by hand following the Touchscreen menus.

Once all the data is entered, the Recorder is now ready to create the press tonnage graphs as wheels and bearings are pressed onto the axle.

TOTAL LOT PRICE\$198,600.00

Terms - Our standard terms of payment are one-third with order; balance net against shipping documents.

Delivery – Based on current workload approximately 4-6 months after Receipt of formal order and prepayment all f.o.b. our truck, your Works.

Condition of Sale - As pre-printed on attached supplement CME/200/01 which is an integral part of this quotation and any order resulting from same. With a 45 day period to accept.

SELLER'S RESPONSIBILITY:

Seller will manufacture, test and demonstrate electrical equipment in their plant to purchaser and truck ship f.o.b. Flagler Beach, Florida to purchaser at the price specified and in accordance with the specifications detailed.

Equipment will be arranged to simulate work specified in purchaser's formal order.

Mount and install all new Pressure Switches and Linear Transducers at proper locations as defined in supplied prints.

Included in the price is the cost for 2 technician's time for 5 days to install the up-grade to customer's press, check customer's incoming power supply, start-up equipment and train customer's operator/s and maintenance people on the new equipment. Additional travel & living expenses will be for customer's account.

PURCHASER'S RESPONSIBILITIES:

Off-load and set-up new equipment at proper location.

Supply any needed utilities, (electric power, etc.)

Install electrical wiring between incoming power and Equipment control panel, and between control panel and Press.

Note: Seller does not recommend customer applying power to equipment before a CMES technical advisor has inspected installation. This could result in serious damage to equipment which cannot be applied to warranty and will be billed to customer.

Furnish hand tools and competent operating and maintenance personnel to assist technical advisor in startup of new equipment.

Furnish adequate work pieces at no charge for Set-up and testing new equipment at time of start-up.

We trust you will find this offer complete in all details. Should additional information be required please do not hesitate to call.

We appreciate this opportunity to quote and hope to be favored with your order.

Sincerely,

**CONTEMPORARY MACHINERY &
ENGINEERING SERVICES, INC.**

James A. Smith, Gen. Mgr.
JAS/dm