CITY OF COFFEYVILLE
BOARD OF COMMISSIONERS AGENDA ITEM

MEETING DATE	November 24, 2015	
RESOLUTION OR ORDINANCE NUMBER	R-15-150	
AGENDA TITLE	**Nebraska (Boiler #5) Division Wall Tube Replacement**	
REQUESTING DEPARTMENT	Electric	
PRESENTER	Tony Lawson	
FISCAL INFORMATION	Cost as recommended:	$ 151,833.00
	Budget Line Item:	810-5-030-860
	Balance Available	
	New Appropriation Required:	[ ] Yes [x] No
PURPOSE	Approve the issuance of a purchase order to AMI for replacement of all division wall tubes and repairs to Boiler 5.	

BACKGROUND	In 2013 we experienced a firebox explosion in boiler #5, resulting in the replacement of the “D-Tubes”, rear outer wall tubes and casing. The Division Wall Tubes were visually inspected and looked to be ok at that time. Since that time there has been 4 repairs made to the division wall tube section After the last repairs were made AMI performed another inspection and noticed a slight bow in the division wall tubes. AMI determined that during the explosion, this bank of tubes was damaged at the upper steam drum from the force of the explosion. We made contact with Chubb Insurance and they have agreed to cover the cost of repair and replacement of these tubes under the original claim. Chubb’s recommendation is to proceed with AMI since they were the original low bidder and has been the contractor on all repairs for this boiler.
SPECIAL NOTES	Coffeyville will make payment to AMI, and submit all invoices to Chubb Insurance for repayment.
ANALYSIS	
PUBLIC INFORMATION PROCESS	
BOARD OR COMMISSION RECOMMENDATION	
STAFF RECOMMENDATION	Staff recommends the authorization of a purchase order in the amount of $151,833.00 to AMI for replacement of the Division Wall Tubes, to be reimbursed by Chubb Insurance under the original claim.
REFERENCE DOCUMENTS ATTACHED	AMI cover letter and quote.

RESOLUTION NO. R-15-150

A RESOLUTION TO ISSUE A PURCHASE ORDER TO AMI, INC. FOR THE REPLACEMENT OF DIVISION WALL TUBES FOR BOILER 5 FOR THE CITY OF COFFEYVILLE ELECTRIC UTILITY.

BE IT RESOLVED by the Board of Commissioners of the City of Coffeyville, Kansas that the Mayor and Director of Finance be authorized to issue a purchase order to AMI, Inc. for the replacement of division wall tubes for Boiler 5 in the amount not to exceed $151,833 for the City of Coffeyville Electric Utility.

ADOPTED THIS 24th DAY OF NOVEMBER, 2015.

_____
Christopher V. Williams, Mayor

ATTEST:

_____
Cindy Price, City Clerk

APPROVED AS TO FORM AND LEGALITY:

_____
Paul Kritz, City Attorney

Locke Equipment
913-782-8500
Associated Mechanical, Inc.
913-815-1108

Date: 8-27-15	
To: City of Coffeyville	
Attn: Tony Lawson	
From: Ron Cornish	
Re: Nebraska Boiler	

Boiler inspection findings

Boiler
Nebraska
NB 3409
Year Built 1997
Boiler Assembly Locke Equipment

During the past couple of years Associated Mechanical Inc has performed repairs to the Division Wall on the above listed boiler.

In 2013 unit had a fire box explosion that damaged the D tubes, casing and rear outer wall tubes,

The Division Wall tubes were visually inspected and looked to be ok.

During hydro of the unit after being repaired in 2013 it was found that 2 tubes on the Division Wall had split at the steam drum these tubes were repaired by welding.

Since that time there has been 3 other repairs the last one being the replacement of 10 tubes.

During the last repair AMI did another inspection of the division wall and have noticed that there is a slight bow to the tubes, its AMIs opinion that during the explosion that this bank of tubes was damaged at the upper steam drum due to flexing of the tubes during the explosion.

Tubes show no thinning of the original .135 MW thickness which also makes us think the tubes were damaged.

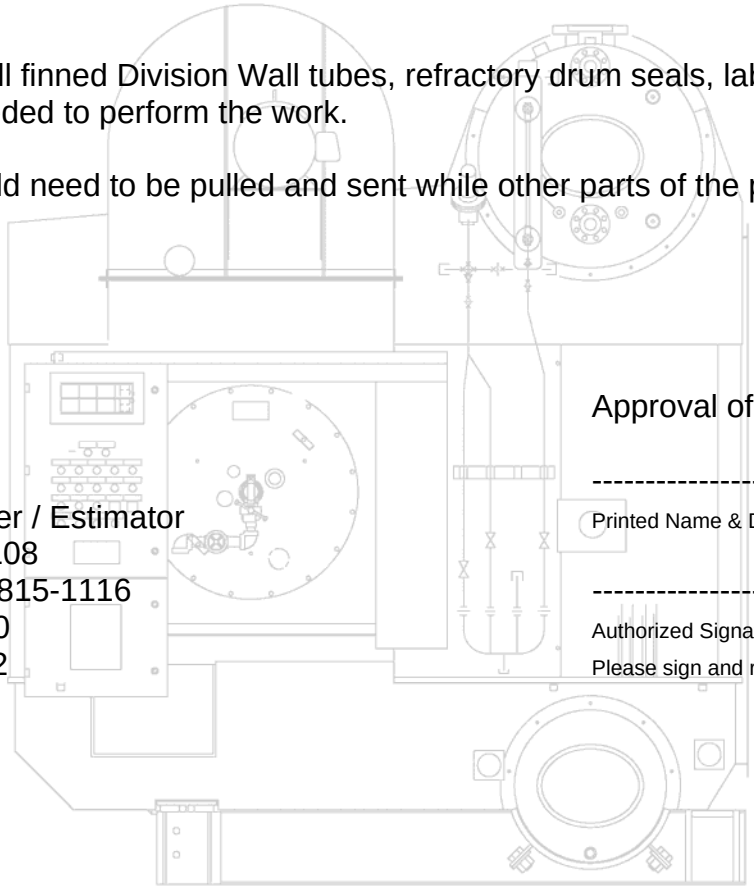
All leaks have been about 1 inch from the steam drum, on the outside of the upper bend in the firebox.

PRICING

Straight Time $ 124,670.00 working 4-10s
5 Weeks
Overtime $ 138,030.00 working 6-10s
3.5 Weeks
Double Time $ 144,320.00 working 7-10s
3 Weeks

Pricing includes all finned Division Wall tubes, refractory drum seals, labor, equipment and materials needed to perform the work.

Tube pattern would need to be pulled and sent while other parts of the project were being done.



Sincerely,

Ron Cornish
Sr Project Manager / Estimator
Office 913-815-1108
Office Direct 913-815-1116
Cell 913-645-4280
Fax 913-782-8502

Approval of Pricing & Terms

Printed Name & Date

Authorized Signature & Date

Please sign and return