

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Comprehensive Facilities Energy Savings Project Amendment
Resolution

DATE OF MEETING: September 27, 2022

Work Session/Regular Session

BUDGET IMPACT: \$1,364,736.00

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Comprehensive Facilities Energy Savings Project Amendment Resolution

HISTORY, FACTS AND ISSUES: The comprehensive facilities energy savings project with ABM is nearing completion on the mechanical side of the project. ABM and staff have been really concerned about the current condition of the two existing chillers inside the Judicial and Administrative Complex. Chiller #1 is currently inoperative due to an oil separator issue. There are metals that were found in the oil that have caused several issues. The current estimate to change the oil and oil separator is over \$100,000.00 and that is to get the unit to a stage so staff can identify other possible issues. Chiller #2 runs at 90% on days with higher temperatures and leaks a large amount of oil. York has discontinued the YR chiller, which are the chillers we currently have installed, and parts are starting to become hard to obtain. ABM and staff worked to come up with an option to replace both chillers with two (2) - York YMC2 chillers, which are Centrifugal Magnetic-Drive Chillers, featuring state-of-the-art design and active magnetic-bearing technology. Staff is also concerned with one boiler that was not changed during the original contract and would like to move forward with the replacement of the boiler. Upon witnessing the condition of the main boiler that was changed, staff believes it is best and safest to move forward with changing out the existing boiler. The project can be completed by amending the existing contract and lease financing to include both chillers and boiler plant upgrades so there will be no up front money and the energy savings will pay for the lease. The resolution allows the chairman to execute all agreements and also gives the Notice to Proceed to ABM to go ahead and order the chillers, due to the lead time of 19 weeks. If Lowndes County decides not to move forward after approving the resolution, there would be a restocking fee of \$50,100.00. The amendment will not exceed \$1,364,736.00.

OPTIONS: 1. Adopt the resolution as presented and authorize the chairman to sign the resolution.
2. Redirect.

RECOMMENDED ACTION: Adopt

DEPARTMENT: Engineering

DEPARTMENT HEAD: Chad McLeod

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS: