

ROCKINGHAM COUNTY BOARD OF EDUCATION
Central Administrative Offices
511 Harrington Highway
Eden, NC 27288
January 27, 2020
WORK SESSION MINUTES
6:00 p.m.

Present: Ms. Paula Rakestraw, Board Chair and Mr. Bob Wyatt, Vice Chair. Board Members: Ms. Amanda Bell, Mr. Brent Huss, Ms. Kimberly McMichael and Mr. Doug Isley. Administrative staff: Dr. Rodney Shotwell, Superintendent; Dr. Sonja Parks, Assistant Superintendent of Operations and Logistics; Dr. Charles Perkins, Assistant Superintendent of K-12 Curriculum and Instruction; Ms. Annie Ellis, Chief Financial Officer; Mr. Jonathan Craig, Executive Director of Human Resources and Athletics; Dr. Cindy Corcoran, Assistant Superintendent for Support Services; Mr. Nick Herman, Board Attorney and Ms. Renee Everhart, Board Clerk were present. Board Member Mr. Wayne Kirkman was absent.

CALL TO ORDER

Ms. Rakestraw called the meeting to order. Six members were present.

ANNOUNCEMENTS

Ms. Rakestraw announced the next regular board meeting of the Rockingham County Board of Education will be at 6:00 p.m., on Monday, February 10, 2020 at the Central Administrative Offices in Eden.

Ms. Rakestraw announced the Work Session is scheduled at 6:00 p.m., on Monday, February 24, 2020 at the Central Administrative Offices in Eden.

REVIEW ITEMS / REPORTS

Performance Energy Contract: Investment Grade Audit:

Ms. Rakestraw recognized Dr. Sonja Parks. Dr. Parks stated Johnson Controls team will provide a report on the Energy Performance Contract and the Investment Grade Energy Audit for Rockingham County Schools. Dr. Parks introduced the following team members presenting the report as listed below:

Mr. Michael Hollman – Operations Manager
Ms. Kim Smith – Senior Account Executive
Mr. Larry Helms – Lead Development Engineer
Mr. Ricky McFarling – Development Engineer

Dr. Parks stated the Board of Education took action at the July 15, 2019 Board Meeting to approve moving forward with the Investment Grade Audit. The details of that audit report will be provided this evening. Dr. Parks stated the scope of the work was developed collaboratively to review findings and prioritize the school district's needs in the Energy Performance Contracting project (Attachment 1-A).

Report on Investment Grade Energy Audit Findings Presentation by Johnson Controls Team:

- How did we get here?
 - Johnson Controls introduced Performance Contracting Concept to Rockingham County in 2014
 - JC then assisted Rockingham County Schools on Preliminary Assessment
 - JC then presented the concept to RCS Board of Education in 2017
 - RCS released RFP for Guaranteed Energy Savings Performance Contract in September 2017
 - RCS selected JC through a thorough Procurement Process in May 2018
 - Contract negotiations were finalized with RCS, Johnson Controls and Utility Savings Institute in June 2019
 - JC presented Investment Grade Audit to Board of Education for approval to move forward in July 2019
 - RCS Board of Education approved to move forward with JC and signed IGA July 15, 2019
- Investment Grade Audit Milestones
 - Audit Agreement Signed 7/15/2019

- Field Audit / Measurements begin 7/29/2019
- Investment Grade Audit Kickoff 8/8/2019
- Baseline, Lighting, Water Workshop 9/11/2019
- Scope and Financial Model Intro Workshop 9/11/2019
- M&V, Service and Construction Workshop 9/25/2019
- Final Scope Selection/Financial Workshop 10/30/2019
- Audit Report Submission 12/20/2019
- Proposed Scope of Work (worksheet provided in attachment)
- Lighting Upgrades
 - Retrofit or replace over 27,500 fixtures with LED lighting technology
 - Benefits of proposed lighting upgrades (worksheet reviewed and provided in presentation)
- Domestic Water Upgrades
 - Water fixture upgrades
 - replace over 1,100 toilets
 - retrofit or replace over 370 urinals
 - install flow control on over 1,400 faucets
 - install approximately 80 showerheads
 - Benefits of proposed water upgrades (worksheet reviewed and provided in presentation)
- HVAC Upgrades
 - Existing System:
 - 2 AHUs past end of life expectancy
 - 2 inefficient condensing units more than 40 years old are in poor condition and losing refrigerant
 - Proposed Scope of Work for HVAC Upgrades
 - New Chiller
 - New Air Handling Units
 - Upgraded Controls
 - Benefits of HVAC Upgrades (worksheet reviewed and provided in presentation)
- Pipe Re-Insulating:
 - Existing Systems
 - Existing chilled water pipe insulation has failed and pipes sweat if chilled water is supplied at required temperatures
 - Chilled water temperature is elevated which leads to a lack of proper indoor air and dehumidification
 - Pipes sweat drips on ceilings causing staining
 - Legacy (older) Metasys controls are installed on existing air-handling units and re-heat coils
 - Proposed Scope of Work
 - Approximately 5,000 linear feet of piping will be re-insulated
 - Remove existing chilled water pipe insulation on all chilled water lines
 - Clean and prepare pipe for new insulation
 - Install new chilled water pipe insulation
 - Install new DDC controls on 19 air handling units and 36 reheat coils to replace older legacy controls
 - Note: Once completed, proper temperatures chilled water can be supplied to existing air systems allowing for better cooling and dehumidification
 - Benefits of proposed pipe re-insulation (worksheet reviewed and provided in presentation)
- Install Sub meters:
 - McMichael High School
 - Johnson Controls will install sub-meters at five locations to provide data for the local utility to deduct sewer charges from the main meter (diagram provided in presentation)
 - Benefits of installing sub-meters (worksheet reviewed and included in presentation)
- Project Financials
 - Worksheet provided and reviewed
- Project Implementation
 - Worksheet reviewed with task, duration of task, start date, finish date,
 - Covers the 15-month installation schedule
- Benefits of Performance Contract
 - \$8.8 M of improvements 100% funded by Utility and Operational Savings
 - Generates over \$650 K in Annual Savings

- Delivering on RCS’ Commitment to Energy Efficiency and Sustainability
- Improves the learning environment
- LED Lighting installed throughout the school facilities
- Standardized the lighting and plumbing product throughout the school district
- Addresses critical mechanical system needs at Dillard Academy and Rockingham County High School
- Guaranteed Results – Financial, Cost and Performance
- Next Steps
 - Rockingham County Schools approves project scope and authorized release of Financial RFP – February 2020
 - Rockingham County Commissioners pass resolution that they will maintain RCS Utility Budget – February 2020
 - Financial RFP released by RCS – February 2020
 - Financial RFP response received – February 2020
 - RCS Selection of Financing Partner – February 2020
 - Contract Preparation and LGC Review – March 2020
 - LGC (Local Government Commission) – April 2020
 - Contract approved and signed – April 2020

Dr. Sonja Parks thanked Johnson Controls for their presentation and for answering questions. Dr. Parks stated the Board will be requested to take action to approve the project and to release the RFP for Financing at the upcoming February Board Meeting.

NC STAR District Process for Strategic Planning:

Ms. Rakestraw recognized Dr. Charles Perkins for a report regarding the NC STAR district process for Strategic Planning. Dr. Perkins presented the NC STAR platform in a presentation to the Board via the NC STAR website. He stated this program could serve as the home for the school district’s strategic planning protocols. Dr. Perkins reviewed the features of the NC STAR process and demonstrated the potential for Board Member involvement in the strategic planning process. Dr. Perkins stated the NC STAR website is currently utilized by all the schools as their portal for their School Improvement Plans. Dr. Perkins reviewed the thirty-six District Indicators included in the presentation.

Ms. Rakestraw recognized Reidsville Council Member, Mr. James Festerman for attending the meeting.

CLOSED SESSION

Action: Mr. Wyatt moved to amend the Closed Session agenda to include discussion on the Administration following policy. Mr. Isley seconded the motion. The vote was 6/0.

Action: Mr. Isley moved to go into Closed Session pursuant to law to discuss personnel matters, according to state law to preserve the attorney client privilege. Ms. McMichael seconded the motion. The vote was 6/0.

Action: Ms. Bell moved to return to open session, seconded by Ms. McMichael. The vote was 6/0.

OPEN SESSION

Personnel Actions:

Employments:

- **Administration**
- **Licensed**
 - Beatrice Barber
 - Effective 1/27/20-6/12/20
 - Whitney Carter
 - Effective 1/21/20
 - Sara Riggs
 - Effective 1/21/20-6/12/20
 - Jon Salazar
 - Effective 3/2/20
- **Classified**

Brooke Garrett
Effective 1/21/20-6/12/20
Brandy Mansfield
Effective 1/21/20-6/12/20

Transfers:

- **Administration**
- **Licensed**
- **Classified**
Sandra Allen
Effective 1/13/20
Sharon Bethel
Effective 1/13/20
LaShanda Dalton
Effective 1/10/20
Angela Haskins
Effective 1/7/20
Malinda Moore
Effective 1/13/20
Francesca Somorang
Effective 1/15/20-6/12/20

Resignations:

- **Administration**
- **Licensed**
Michael Armstrong
Effective 2/13/20
- **Classified**
- **Resignations from Coaching Position**

OPEN SESSION

Action: Ms. Bell moved to accept the Personnel Report, seconded by Ms. McMichael. The vote was 3/3. Mr. Wyatt, Mr. Huss and Mr. Isley voted opposed. The motion failed with a 3/3 vote.

Action: Mr. Wyatt moved to accept the original Personnel Report only, not including the Personnel Addendum posted on boarddocs on Monday, January 27th. The motion was seconded by Ms. McMichael. The vote was 5/1. Ms. Bell voted opposed.

ADJOURNMENT

Action: Ms. Bell moved to adjourn, seconded by Ms. McMichael. The vote was 6/0.

Minutes read and approved:

Ms. Paula Rakestraw, Chairperson
Rockingham County Board of Education

Dr. Rodney Shotwell
Superintendent of School

February 10, 2020