PINELLAS COUNTY SCHOOL DISTRICT, FLORIDA

PCSB: 6503
Pay Grade: E05

FLSA: Exempt
PTS

ELECTRICAL ENGINEER

MINIMUM QUALIFICATIONS

Bachelor's degree from an accredited college or university in Electrical Engineering, plus three (3) years experience working as an engineer, with experience in project management. Required to obtain certification as a Uniform Building Code Inspector in compliance with State Board of Education Regulations within one (1) year of hire. Possession of a valid state of Florida Class E noncommercial driver's license.

PREFERRED:
Licensed as a registered Professional Engineer in the state of Florida.

MAJOR FUNCTION

Responsible for document plan reviews to ensure that facilities comply with building codes and life safety codes; inspects electrical and related electronic systems; develops technical engineering data for repair, renovations and remodeling. Coordinates, implements, and administers the design, construction, and maintenance/repair of electrical and related electronic systems for the school district.

ESSENTIAL RESPONSIBILITIES

- Responsible for the review of new construction, renovation, remodeling, day labor, and maintenance projects for conformity to the State Uniform Building Code for Public Educational Facilities and PA/E handbook.
- Responsible for reviewing independent electrical evaluations by sources outside of the district.
- Responsible for development of technical training requirements for support staff and participation in instructional activities.
- Prepares or reviews electrical plans and specifications designs on repair/replacement projects for conformance to State Requirements for Educational Facilities, the National Electrical Code, or other applicable regulations; may recommend specific materials or equipment be used.
- Reviews estimates for labor, materials, and equipment costs on proposed projects.
- Prepares and/or reviews low voltage applications on repair and replacement projects.
- Inspects ongoing contract or in-house work for field conformance to applicable drawings and specifications.
- Inspects completed installations for conformance to original plans and specifications as well as performance of installation to operational standards; monitors completion of punch list items.
- Assists in implementation of energy management policies regarding electrical energy usage through recommendation of energy-saving equipment.
- Performs other related duties as assigned.

TERMS OF EMPLOYMENT

Salary and benefits will be paid consistent with the district's approved compensation plan. The district shall establish the length of the work year and hours of employment.

Performance of the job will be evaluated in accordance with the provisions of the school board's policy on evaluation of personnel.

The above statements are intended to describe the general nature and level of work being performed by employees assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities and duties required of those in this classification.

HISTORY OF JOB CLASSIFICATION

ISSUED: 8/87 MW; BOARD APPROVED: 9/9/87; MQ'S REVISED: 11/91 PBL; BOARD APPROVED: 3/25/92; MQ'S REVISED: 11/97 PBL; BOARD APPROVED: 1/27/98; REVISED MQ, ER: 9/15 CH; BOARD APPROVED: 10/27/15; REVISED RT, MQ, ER 12/20/23 PT; BOARD APPROVED: 02/27/24

ELECTRICAL ENGINEER

WORKING CONDITIONS & PHYSICAL EFFORT:	Seldom Or Never	Monthly	Weekly	Daily	Hourly
1. Lift objects weighing up to 20 pounds		X			
2. Lift objects weighing 21 to 50 pounds		X			
3. Lift objects weighing 51 to 100 pounds	X				
4. Lift objects weighing more than 100 pounds	X				
5. Carry objects weighing up to 20 pounds		X			
6. Carry objects weighing 21 to 50 pounds		X			
7. Carry objects weighing 51 to 100 pounds	X				
8. Carry objects weighing 100 pounds or more	X				
9. Standing up to one hour at a time				X	
10. Standing up to two hours at a time	X				
11. Standing for more than two hours at a time				X	
12. Stooping and bending		X			
13. Ability to reach and grasp objects				X	
14. Manual dexterity or fine motor skills					X
15. Color vision, the ability to identify and distinguish colors				X	
16. Ability to communicate orally					X
17. Ability to hear					X
18. Pushing or pulling carts or other such objects		X			
19. Proofreading and checking documents for accuracy					X
20. Using a computer to enter and transform words or data					X
21. Using various technology tools					X
22. Working in a normal office environment with few physical discomforts					X
23. Working in an area that is somewhat uncomfortable due to drafts, noise, temperature variation, or other conditions	X				
24. Working in an area that is very uncomfortable due to extreme temperature, noise levels, or other conditions	X				
25. Working with equipment or performing procedures where carelessness would probably result in minor cuts, bruises or muscle pulls	X				
26. Operating automobile, vehicle, or van	X				
27. Other physical, mental or visual ability required by the job	X				