PINELLAS COUNTY SCHOOL DISTRICT, FLORIDA

PCSB: 6687
Pay Grade: E05

FLSA: Exempt
PTS

STRUCTURAL ENGINEER

MINIMUM QUALIFICATIONS

Bachelor's degree in Structural 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 accomplishing document plan reviews to ensure that facilities comply with building codes and life safety codes; inspects building structures; develops technical engineering data for repair, renovations and remodeling. Coordinates, implements and administers the design, construction and maintenance/repair of building structures 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 structural evaluation by sources outside of the district.
- Responsible for development of technical training requirements for support staff and participation in instructional activity.
- Assesses school facility needs relative to structural requirements, their design, procurement, installation and maintenance.
- Conducts periodic structural inspections of all school board facilities.
- Prepares sketches of structural deficiencies found by self or other inspector; recommends corrective action on reported findings.
- Identifies specific DOE, SBC, county, state or federal regulation and code violations.
- Performs building tests to measure faults or acquires contracted professional to do so.
- Reads and interprets building construction plans and specifications to identify defects in the construction process; diagnoses defects and hazards in old or new building construction.
- Makes inspections of wood, steel and concrete structural member failures, building settlement and drainage problems, spectator seating, termite damage and other potential infrastructure failure due to age and deterioration.
- Conducts investigation complaints of defective building installations; makes reinspection as necessary.
- Conducts inspections in hazardous or confined areas, on a routine basis.
- Maintains records on activities and prepares reports, as required.
- 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: 7/85 MW; BOARD APPROVED: 7/24/85; MQ'S REVISED: 11/91 PBL; BOARD APPROVED: 3/25/92; REVISED: 3/94 DLH; BOARD APPROVED: 3/23/94; MQ'S REVISED: 11/97 PBL, BOARD APPROVED: 1/27/98; REVISED RT, MQ, ER 12/20/23 PT; BOARD APPROVED: 02/27/24;

STRUCTURAL 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		