

POSITION TITLE: 3D-PDS STRUCTURAL DESIGNER**DUTIES:**

Provide designer services to assigned SRR Engineering Teams. Designer support services include 3D Modeling using Plant Design System (PDS) “Frameworks” software, design development, and generation of design output documents including but not limited to:

Structural

- Concrete buildings and foundations
- Structural steel for supports, platforms, and buildings
- Rebar detailing
- Steel detailing
- Preparation of fabrication drawings
- Review of vendor documents
- Commodity supports
- Working knowledge of National Codes and Standards for structural design such as IBC, AISC, ACI, AWS, NFPA, AASHTO, and OSHA

Design services will be provided using SRR processes and procedures. Programmatic guidance will be provided by SRR.

REQUIRED QUALIFICATIONS:

Education: High School Degree is required. Formal training beyond High School in Computer Aided Design or 3D modeling is preferred.

Experience /Skills: Candidate must demonstrate eight (8) years experience as a Structural Designer, including experience with structural detailing and design of building structures and commodity supports. Knowledge of 3D structural modeling and significant experience using PDS “Frameworks” is required. Candidate must have the ability to walk down systems in the field.

Work Hours: A 40 hour work week is scheduled. SRS utilizes various work schedules; including 5/8s (8 hours/day; five days per week), 4/10s (10 hours/day; four days per week), and a 9/80s (9 hours/day, five days on week A and 4 days on week B). Work week excludes SRR holidays. Each work day has a 30-minute lunch.

Area Security Access: A security clearance is not initially required; however, candidate must be capable of obtaining an L clearance if required to perform assigned duties.

8/04/2009