

AgriLife Position Description

Last reviewed: 04/20/06

9425
ASSISTANT AGRICULTURAL CONSTRUCTION ENGINEER
07/20/99

SUMMARY

General Description: Assists in the design, administration and inspection of building and construction projects to include preparation of CAD drawings, obtaining cost estimates and maintaining project records. Typically, the work involves projects at TAMU Agricultural Research and Extension sites around the state.

DUTIES

Typical: Performs design and drafting assignments using PC applications including AutoCAD R14/2000, computer aided design/drafting software; assists with certain phases of design to include researching requirements and recommending options; assists with estimating costs and writing of specifications; assists and/or manages projects to include assisting users with conceptualizing project, bidding procedures, and monitoring progress and costs; maintains software, files, drawings, digital photos on personal computer; other essential job related duties as required.

SUPERVISION

Received: Explanation of work assignment(s) and desired result; monitor or supervise work in progress as deemed appropriate and review of final product.

Given: May supervise student workers or other temporary employees.

EDUCATION

Required: Bachelor's degree in engineering or construction science with two semesters of engineering design graphics or equivalent; four years of related experience; and valid driver's license.

EXPERIENCE

Required: AutoCAD drafting and construction specification writing experience, supervision of commercial construction; and progress toward professional engineer registration.

KNOWLEDGE, ABILITIES AND SKILLS

Required: Ability to effectively use personal computer to communicate with clientele, to prepare work plans, job specifications, visual presentations and reports; familiarity with AutoCAD R14/2000 and plotters; effectively use surveying equipment.