

Grain Systems Design Engineer/Estimator

A. GENERAL

AGI's international sales division brings together products from all 7 of its manufacturing divisions and markets turn-key solutions to customers globally. We require an engineering resource to assist in the sales process (quoting and estimating) and support customers through to the commissioning phase. While primary focus of the position is on international business, there is also a number of opportunities in North America (expected to be less than 25% of sales volume.)

Position is supported by engineering functions in place at each division and reports to Director of International Sales, AGI.

B. REMUNERATION

- Base salary depends on qualifications and experience
- Bonus based on attainment of international sales targets

C. REQUIREMENTS

- P.ENG or CET designation. relevant engineering discipline
- 5 years + experience in the design of turnkey grain handling and storage facilities
- Frequent international travel
- Experience in international projects, and a second language is beneficial

D. RESPONSIBILITIES

PROPOSAL/ESTIMATING:

1. Preliminary Design Assessment
 - a. Analyze storage and handling requirements.
 - b. Identify future expansion and assist in determining phase work
2. Proposal sketch
 - a. Preliminary drawing showing plan and elevation
3. Budgetary Quotation ($\pm 5\%$)
 - a. Draft equipment shopping list
 - b. Estimate custom steel work
 - c. Recommend specialized equipment

ENGINEERING (After sales):

4. General Arrangement Drawings and Specifications
 - a. Prepare Flow Schematic Diagram (for electrical), Plan, Elevation, Isometric...

5. Specify exact equipment list
 - a. Update budgetary quotation and include all tie-ins (elbows, spouts, etc.)
 - b. Check and apply new pricing list
6. Concrete Drawings and Material Estimates
 - a. Recommend and prepare Civil Drawings (concrete foundation)
 - b. Where applicable, assists local engineering companies in the region when necessary for permit and code requirements.

PROCUREMENT:

7. Equipment Procurement List
 - a. Identify and recommend 3rd party equipment (dryer, cleaner, augers/u-trough, spouting and accessories, structural steel, etc).
 - b. Identify long lead order "Custom Equipment" for outsourcing or for manufacturing in local regions to coincide with construction phase.

CONSTRUCTION:

8. Site evaluation
 - a. inspect and analyze site
 - b. evaluate/verify soil profile
9. Work Breakdown Structures using MS Project (GANTT Chart)
 - a. Project scheduling
 - b. Schedule site work (concrete), estimate labor,
 - c. Arrange supplier's representatives site schedule
10. Site Supervision
 - a. Train and work with a site supervisor(s) during construction stage and commissioning.
 - b. Inspection and approval
11. Commissioning
 - a. Organize and schedule major equipment suppliers and their service representative's during install and commissioning period for official commencement of "warranty period."

Applicants should submit resume and cover letter to our Human Resources Director:

Email: hr@aggrowth.com
Fax: 204-488-6929