

## **SENIOR FLOODING AND DRAINAGE ENGINEER**

Bewsher Consulting Pty Ltd is seeking a senior flooding and drainage engineer to work in their Epping office in Sydney.

### **Job Description**

- participate in a team of urban/rural flooding and floodplain management specialists who are at the forefront of their field
- undertake flood assessments in both urban and rural catchments throughout NSW with an emphasis on assessments in the Sydney area associated with development projects. This will include:
  - communicating with clients to determine the scope of services to be provided
  - liaising with subconsultants or surveyors to coordinate the ancillary studies
  - assessing government standards and regulations including Council requirements relating to flooding
  - conceptualising, establishing, calibrating and operating hydraulic and hydrologic computer models
  - interpreting hydrological and hydraulic model results and determining their implications for a project
  - preparing high quality written reports documenting the findings of the studies
  - project management including budgets, time scheduling and invoicing

### **Essential Skills**

- an engineering degree and preferably, a post-graduate degree with a major in water flooding, hydrology or hydraulics
- a sound knowledge of best practice in urban and rural flood assessments in eastern Australia
- extensive experience in operating and interpreting the results of hydrologic and hydraulic computer models of flood behaviour and urban drainage. This should include most of the following models RAFTS-XP, DRAINS, HEC-RAS, MIKE-11, TUFLOW. Experience in quickly determining the veracity of such models and identifying shortcomings, pitfalls and common errors
- secondary skills/experience with AutoCAD and GIS software
- excellent verbal and written communication skills
- demonstrated ability to write technical documents to a very high standard
- track record in urban and rural flood assessments in eastern Australia or directly relevant to it
- project management, client liaison and personal skills leading towards a senior management role in Bewsher Consulting Pty Ltd

### **How to Make an Application**

Applications should be in writing and mailed to:

Bewsher Consulting Pty Ltd  
PO Box 352 Epping NSW 1710, Australia

Make sure your application specifically addresses the essential requirements listed above.

### **Need Further Details?**

Contact Don Still at [dstill@bewsher.com.au](mailto:dstill@bewsher.com.au) or Drew Bewsher at [drew@bewsher.com.au](mailto:drew@bewsher.com.au) for further details.