A. The Company

Middlemarch Environmental Ltd is an ecological and arboricultural consultancy working throughout the UK with our main offices close to the centre of England at Millison’s Wood, near Allesley, Coventry. Our strapline - creative ecological solutions - summarises our focus on biodiversity and on delivering client needs. We aim to be the UK’s leading biodiversity consultancy, and are well on our way there with continuing growth over the last five years and turnover of £4.5 Million.

The company was first set up in 1989 and is a wholly-owned subsidiary of Warwickshire Wildlife Trust, which is itself part of The Wildlife Trusts, the largest voluntary organisation in the UK concerned with all aspects of nature conservation and the environment. Profits from the company pass by Gift Aid to the Trust, ensuring that the commercial success of the company benefits conservation work on the ground.

The company has successfully built up its trading areas in a number of work-streams:

Development-led Ecological Survey & Assessment, including protected species work and other areas (BREEAM) where legislative protection is usually the driver for the work.

Biodiversity-led Ecological Survey & Assessment, focussed on providing expertise on Biodiversity Net Gain, Biodiversity Off-setting and Natural Capital.

Biodiversity Action Plans, for clients at a corporate level, supporting The Wildlife Trusts’ Biodiversity Benchmark and Government and international policy on biodiversity.

Wetland Creation, linking ecology with hydrology to “design and build” major wetland features, and involving everything from survey through to engineering drawings, plant hire and supervision.

Major Projects, bringing together ecological survey and assessment, landscape design, GIS, CAD, BIM2 and where appropriate, site works and landscaping.

Arboricultural Consultancy, providing a variety of arboricultural surveys, aiding the design of development and identifying tree hazards for a wide range of clients across the country.

Research, developing from our links with local Universities and the many Ph.D. students that we support, to deliver contracts for Agencies as well as direct grants.

Landscaping, to provide habitat creation, restoration and management works, often flowing from survey work and landscape design previously undertaken.

Where appropriate, these work-streams are integrated to offer clients a one-stop facility, from project concept though survey and design to realisation on the ground.

Currently we have over 60 professional ecological/arboricultural staff, a GIS team and administrative support teams. As might be expected in a growing company, there is considerable potential for personal development within the organisation, and continuing growth is planned over the next five years.
B. The Job

The GIS Technician is responsible to the GIS Manager for delivering a range of GIS work, team admin and minor IT maintenance tasks. The work comprises production of GIS cartography and data solutions, assisting with field data collection, helping with the day-to-day GIS team admin and drawing from your specific skillset to contribute to developing GIS solutions at Middlemarch. You will demonstrate experience and skill in using GIS software, good problem-solving capabilities and willingness to further develop your skills in GIS. Ability to work effectively as part of a team is essential, as you will be liaising closely with the ecology and operations teams.

C. Specific Responsibilities

GIS DELIVERY (PROJECT IMPLEMENTATION)
• Preparing GIS cartography and data solutions to support our ecological products.
• Basic CAD handling – editing CAD drawings and import/export of CAD data to/from GIS.
• Key involvement in running field data collection (setting up surveys, organising collected data).
• Develop personal skills and expertise in one or more specialist areas of GIS.

PROJECT MANAGEMENT
• Assist with developing GIS delivery at Middlemarch.
• Assist with basic IT support tasks.

PROJECT ADMIN
• Assist with inducting GIS placement students.
• Assist with such other aspects of contract work as may be required.

D. Allocation of Time

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MIDDLEMARCH ENVIRONMENTAL LTD

PERSON SPECIFICATION – GIS TECHNICIAN

KNOWLEDGE/SKILLS

   Essential
       • Good understanding of GIS and its applications
       • Good knowledge of operating GIS software (preferably Esri ArcGIS 10.x)
       • Basic knowledge of CAD editing software, such as DraftSight or AutoCAD
       • Good command of Word & Excel.
       • Good communication skills (both written and spoken)
       • Excellent organizational skills

   Desirable:
       • ArcGIS Online
       • Electronic data collection forms (GIS focus)
       • Basic scripting, preferably in Python
       • Image editing software, e.g. Adobe products or Inkscape
       • Experience of Access databases or similar
       • Awareness of ecological field survey methods and associated challenges

ABILITIES

   • To solve problems creatively
   • To work on own initiative
   • To work effectively as part of a diverse team

EXPERIENCE

   • Confident Esri ArcGIS user
   • Preparation of publication quality cartography
   • Field data collection

EDUCATIONAL ACHIEVEMENTS

   Educated to degree level in a relevant discipline. Ideally, with experience in a GIS-related job role.

CONTRA-INDICATORS

   Unwillingness to work evenings or weekends

MIDDLEMARCH ENVIRONMENTAL IS STRIVING TOWARDS EQUALITY OF OPPORTUNITY IN ALL ASPECTS OF ITS WORK