



## Job Announcement

### Technical Solutions Analyst – Level I

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Huwa Enterprises is a nationally renowned land reclamation and restoration company, that has successfully reclaimed over 3 million acres of land across 44 states in the US. We use innovative approaches based in science and environmentally sound practices in our work, and we continue to innovate as we partner with clients in specialty areas such as land reclamation, renewable energy, civil infrastructure, and natural disaster recovery, all using the most advanced tools in science and technology to do so.

We are currently seeking to fill Technical Solutions Analyst roles with our company. See description below.

**Position:** Technical Solutions Analyst – Level I

**Reports to:** GPS and Analytics Manager

**Classification:** Exempt

**About this Role:** We are seeking a highly analytical and solutions-oriented professional to join our team as a Technical Solutions Analyst – Level I. In this role, you will primarily be responsible for analyzing complex technical issues, identifying root causes, and formulating effective solutions to meet our organization's objectives. This position is highly technical in nature and requires that you have advanced knowledge, experience, and skills to safely operate and support some or all the following: GPS equipment, Unmanned Aerial Systems (UAS), analytics, software suites (Computer Aided Design (CAD), Construction, Mapping, Aerial Data, LiDAR) and computers. Troubleshooting of highly advanced and sometimes complex UAS, machine control, CAD/construction drawings and survey systems requires that individuals possess advanced system applications knowledge, methodical troubleshooting skills, and good mechanical capabilities. Good organizational skills are needed to schedule, plan and execute training classes for end-users; and to track, record and accurately communicate the most up to date information with teammates and clients in a meaningful and timely manner. Good verbal and written communication skills are essential. Excellent computer skills are needed not only to perform testing and repairs, but also to interface with design, survey, analytic, Geographic Information System (GIS) and Unmanned Aerial Systems (UAS) applications and websites. Must possess the ability to use vendor and technical websites to research and identify solutions to software, hardware, and analytic issues. This position may be assigned as the lead or assistant lead on a project-by-project basis.

#### **Key Duties and Responsibilities:**

##### **Teammates:**

- Promote safety, productivity, and quality at every opportunity.
- Actively trains and educates others with less knowledge and experience.
- Continues to develop own knowledge and expertise by seeking assistance from other team members.
- Adapt to unexpected changes and delays.

##### **Clients/Vendors:**

- Promote customer satisfaction, safety, productivity, and quality at every opportunity.
- Differentiate the company using innovative techniques, progressive concepts, and attitude.
- Utilize positive communication skills with inspectors, crew, and company representatives.
- Promote the company and maintain the best interest of the client, crew, and company always.
- Build and maintain relationships with inspectors and clients in the field.

##### **Community:**

- Promote safety, productivity, and quality at every opportunity.
- Actively participate as a positive member in all communities.
- Conduct self and promote others in accordance with the company's Core Values (Commitment, Integrity, Respect, Humility, Safety, Communication, Accountability and Family).
- Responsible for creating, maintaining, and enhancing team atmosphere.

#### **General Requirements:**

- Ability to work as part of a team as well as independently. Self-starter and self-motivator.
- Excellent analytical and troubleshooting skills.
- Ability to work in a fast-paced environment and maintain calm efficiency while producing quality work.
- Excellent organization, prioritization, and time-management skills.
- Maintain a professional appearance and wear all required Personal Protective Equipment (PPE).
- Knowledge of and ability to use current and developing technologies including telephones, mobile devices, and computers.
- Experience with Windows, mobile devices, standard office software (Email, Word, Excel, Teams, Power Point).
- Excellent ability to communicate clearly, concisely, and accurately with Teammates and Clients to express analytics and/or field findings in a constructive manner.
- Must possess a strong desire to innovate, test and troubleshoot existing processes, equipment and solutions, along with finding new processes, equipment and solutions to ensure a competitive and efficient future for the company and its clients.

- General knowledge of construction nomenclature used by engineers and contractors to describe the work and data in both CAD and field settings.
- General knowledge of the processes required for civil and agricultural construction activities (Cut/Fill, Material Processing, Shrink/Swell, Slopes, Roads, BMP's, Stormwater Features, etc.).
- Ability and willingness to travel to job sites across North America via air or ground, potential 150 overnights a year, sometimes at a moment's notice.

Knowledge and technical skills in construction and drone software (AgTek, Magnet, ESRI/ArcGIS, Bluebeam, Propeller, Drone Deploy, DJI, Wingtra)

This job description provides a general summary of the key responsibilities and qualifications required for the role of a Technical Solutions Analyst – Level I. Duties and responsibilities may evolve and change over time, based on the organization's needs.

**Specific Requirements (Advanced knowledge of and at least 1 years' experience in one or combination of the following categories):**

- GPS Hardware and Software
  - Troubleshooting, setup and configuration (Topcon preferred, Trimble, Leica, StoneX)
    - i. Base, Rover, Tablet, Booster, Total Station, Machine Calibration
  - General knowledge of light to heavy agricultural and construction equipment.
  - Survey, 3D and 2D Machine Control (MC) system functions as well as grading and surveying practices associated with construction and survey projects.
  - Advanced knowledge and technical skills in software programs such as Bluebeam, Magnet, Office, Pocket 3D, 3D office, and 3DMC is required as well as how they interact with subsystems and machine dynamics.
  - Knowledge of test programs such as Topcon Receiver Utility (TRU) is essential to the function of this position.
  - Demonstrate proficient knowledge of survey control networks, route surveying, construction staking, boundary surveying, and topographic surveying.
  - Ability to read and understand alignment sheets and work with project lead on making daily plan.
  - General knowledge of reading and understand grade (Tenths .vs Inches).
- UAS
  - FAA Part 107 Certification (or ability to obtain quickly).
  - Operating UAS via mapping applications and free hand
  - Ability to maintain, service and repair UAS as well as write clear and concise Standard Operating Procedures (SOP)
  - Advanced knowledge of aerial photo and/or LiDAR: control, capture, processing and support
  - Experience with UAS processing platforms (Yellowscan, DroneDeploy, Propeller preferred, Wingtra)
- Analytics,
  - Advanced knowledge of one or more of the following:
    - i. CAD analytic software (AgTek and Magnet preferred, Trimble Business Center)
    - ii. Mapping, reporting, and Geospatial software (ESRI/ArcGIS, QGIS, MapItFast or equivalent)
    - iii. Vegetation assessment
    - iv. Asset management
  - Advanced organization and critical thinking skills
  - Experience managing workload of multiple high priority projects at once and ability to work through request in an efficient and timely manner.
  - Extremely detailed orientated
  - Adapt to different teams' requests and work styles...from field teams to office to clients to vendors
  - Adhere to best practices both internally and externally, be able to help others follow these as well
- Software
  - Ability to quickly learn, train, research, implement, and plan software implementations
  - Vendor research, analysis, negotiations, and management
  - Experience working between teams in the field, office and client, with the ability to easily liaison between them and ensure all requirements are met on all sides
  - Ability to understand instantaneous asset mapping, site assessment efficiencies and reporting across multiple industries, market segments and location types
  - Knowledge of Application Programming Interface (API) functionality
  - Programming knowledge and experience preferred (such as R, Python, HTML5)

**Work Requirements**

- Must be able to pass a pre-employment background check, which will include criminal, MVR and drug and alcohol screening.
- Must hold and maintain a driver's license, in good standing with all Company requirements.
- Must maintain a professional appearance appropriate for the anticipated activities of the day, including compliance with all PPE (personal protective equipment) requirements for safety on job sites.

**Salary and Benefits:**

- Anticipated Hiring Wage Range: \$60,000–\$85,000 per year depending on skills and experience.
- Benefits: Huwa Enterprises offers a comprehensive benefit package which includes a wide array of valuable benefit options for health, dental, vision, and life in addition to many optional benefits including such things as accident, hospital indemnity, EAP (employee assistance program), legal, pet insurance and others.

**To Apply:**

- 1) Please complete the online application form at [Application – H2 Enterprises](#).
- 2) Please also submit a detailed resume and a cover letter addressing the position requirements, along with three
- 3) Professional references, which should include current or former supervisors to: [HR@HuwaEnterprises.com](mailto:HR@HuwaEnterprises.com).

This position will remain open until it is filled, and reviews of qualified applicants will begin immediately upon receipt.

You may contact Human Resources with any questions by e-mailing [HR@HuwaEnterprises.com](mailto:HR@HuwaEnterprises.com).

**Notice to All Applicants:**

- 1) Proof of eligibility to work is required to be produced within three (3) days of hire;
- 2) Direct Deposit is a condition of employment;
- 3) Applicants may be required to complete a successful background check prior to employment, including but not limited to drug screening and MVR, depending upon the duties of the position;
- 4) Requests for ADA reasonable accommodation in the application process can be requested by contacting [HR@HuwaEnterprises.com](mailto:HR@HuwaEnterprises.com).

**Essential Functions**

**Work Environment:** While performing the duties of this Job, must be able to work in all types of weather, including extreme cold (non-weather) and extreme heat (non-weather). The employee is occasionally exposed to wet or humid conditions (non- weather); fumes or airborne particles; toxic or caustic chemicals; The noise level in the work environment can be loud. The employee is frequently exposed to work near moving mechanical parts and vibration. Ability to work in an office setting which could including sitting and working on computer for periods of time.

**Physical Demands:** The employee will be required to lift and /or move up to 50 pounds and occasionally lift and/or move up to 75 pounds. The employee must be physically capable and coordinated to safely operate mobilized vehicles, equipment, drones, GPS hardware, hand, and power tools. Specific vision abilities required by this job include distance vision, peripheral and depth perception, and ground personnel hand signals. Specific hearing abilities required include identifying equipment functions, malfunctions, signals, alarms, and ground personnel horns. The employee is frequently required to climb in and out of equipment; bend, twist, use hands or fingers to handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee is regularly required to walk while maintaining balance and without becoming fatigued.

**Safety Sensitive Position:** While performing the duties of this Job, all work tasks are considered safety sensitive. Safety sensitive means a job wherein an accident/incident could cause loss of human life, serious bodily injury, or significant property or environmental damage, including a job with duties that include immediate supervision of another person.

**Huwa Enterprises is an Equal Opportunity Employer:**

*It is the Company's policy to provide equal employment opportunities for all applicants and employees. The company prohibits all forms of discrimination and harassment including those that violate federal and state law. The company does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, marital status, gender identity, or sexual orientation in its employment practices and activities. To report any concerns or complaints, you may contact Human Resources at [HR@HuwaEnterprises.com](mailto:HR@HuwaEnterprises.com).*