



**Job Announcement**  
**GPS/Drone Field Technician –**  
**Level I, II and III**

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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 GPS/Drone Technician roles with our company. See descriptions below.

**Position:** GPS/Drone Field Technicians - Levels I, II and III

**About this Role:**

**Level I** – In this role, you will need knowledge, technical experience, and skills to safely operate and support GPS equipment, drones and computers. As a GPS/Drone Field tech you will be responsible for such things as gradecontrol, marking placement of Barrier and Protection (B&P) and Storm Water Pollution Prevention Plans (SWPPP), verification of designed grades, and regularly conducting aerial drone surveys of areas of land for civil and reclamation projects which the company and our various divisions are responsible for in order to reach successful project completion.

**Level II** - As a GPS/Drone Field Technician Level II, you will need to have met the requirements of Level I and also have advanced GPS and UAS field operations skills with minimal supervision. You will verify design accuracy, perform QA/QC checks, and mentor Level I technicians while ensuring safe and consistent data collection across multiple project sites.

**Level III** - As a GPS/Drone Field Technician – Level III, you will have met the requirements of Levels I & II, and also act as a senior field leader managing GPS and UAS operations across multiple crews and projects. You will design and maintain survey control networks, oversee quality assurance for all collected data, and ensure consistent standards across all divisions.

**Reports to:** GPS & Analytics Manager

**Classification:** Non-Exempt

**Key Duties/Responsibilities:**

- Work with project superintendents and project managers to provide detailed data as to the progress of grading and other tasks being performed within any given project;
- Complete grading and surveying tasks using best practices associated with construction and survey projects;
- Utilize various techniques and technology in route surveying, construction staking, boundary surveying, and topographic surveying;
- Operate and support GPS equipment, drones, tablets and computers;

- Troubleshoot drone, machine control and survey systems;
- Responsible for capturing and managing aerial photo needs and doing mobile/aerial LiDAR support;
- Install ground control for regularly repeated drone flights;
- Conduct regular aerial drone surveys to verify adherence to designed grades of project plans;
- Uploading aerial data to online processing service, including CSV files from data collector;
- Review and validate processed aerial data for accuracy
- Transfer files between computer, iPad, and Topcon systems (data collector, grader, dozer, pan, etc);
- Setup and take down of GPS equipment daily.
- Stake out control to verify correct positioning, and perform daily check-ins;
- Monitor grade control on construction/reclamation projects;
- Mark placement of barrier and protection (B&P) and storm water pollution prevention plans (SWPPP) on various job sites;
- Use 3D and 2D machine control (MD) system functions;
- Diagnose to solve problems that arise with machine grade control systems, including but not limited to Radio Connectivity issues, GNSS signal loss and incorrect cutting elevations;
- Identify wear points on machines and taking necessary actions to restore proper adjustment and grading accuracy (serve as on-site mechanic to make repairs);
- Verify correct elevation of machine cutting edges and adjusting measurements where necessary; and
- May be assigned other duties in addition to or in lieu of those described above, and any duties are subject to change at any time according to the needs of the company.

#### **Knowledge, Skills and Abilities Necessary:**

- Technical aptitude for operating and troubleshooting drone, machine control, and survey systems;
- Knowledge of and experience with survey control networks, route surveying, construction staking, boundary surveying, and topographic surveying is desired;
- Ability to read and understand alignment sheets and work with project lead on making daily plan;
- Knowledge of software programs such as Magnet Office, Pocket 3D, 3D office, AgTek and 3DMC is desired as well as how they interact with subsystems and machine dynamics;
- Ability to manage such things as GPS Hardware and Software troubleshooting, setup and configuration including but not limited to the following systems and technology - Topcon, Trimble, Base, Rover, Tablet, Booster, Calibration, etc.
- FAA Part 107 Certification (or ability to obtain quickly).
- OSHA 30 Certification (or ability to obtain quickly).
- Good verbal and written communication skills are essential to effectively communicate with team members, project leaders and clients;
- Solid computer skills are needed to interface with design, survey, analytic, Geographic Information System (GIS) and Unmanned Aerial Systems (UAS) websites and applications;
- Successful candidates must possess methodical troubleshooting skills, good mechanical capabilities, good organizational skills, attention to detail, good time management skills and patience;
- Ability to work well independently and within a team.

#### **Work Requirements**

- Ability and willingness to be on job sites across North America for extended periods of time. Projects can last 2-16 months. Position will be required to stay close to job location for duration of the project.
- 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 Ranges:
  - Level I - \$22-\$27 per hour depending on skills and experience;
  - Level II - \$26-\$31 per hour depending on skills and experience; and
  - Level III - \$30-\$35 per hour 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 be sure to attach a detailed resume and a cover letter addressing the position requirements, along with three (3) professional references, which should include current or former supervisors.

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 include 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).*