



Public Safety GIS Position Qualifications Version 1.0

GEOGRAPHIC INFORMATION SYSTEMS (GIS) FIELD DATA ENTRY TECHNICIAN

TYPE	TYPE 1	NO TYPE 2
DESCRIPTION	The Type 1 GIS Field Data Entry Technician is responsible for gathering location-based data from the field to support an incident using mobile data collection devices that are Global Positioning System (GPS) capable.	Not Applicable
CATEGORY	CRITERIA	CRITERIA
EDUCATION	<p>Not Specified</p> <p>This position does not require a formal education requirement. All education for this position is provided on the job and through the training listed below.</p> <p>NOTES: Not Specified</p>	Not Applicable
TRAINING	<ol style="list-style-type: none"> 1. IS-100: Introduction to Incident Command System (ICS) 2. IS-200: ICS for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System (NIMS) An Introduction <p>NOTES: Additional incident-specific training may be needed based on the characterization of the threat or hazard.</p>	Not Applicable
EXPERIENCE	<p>Knowledge, Skills, and Abilities:</p> <ol style="list-style-type: none"> 1. Knowledge of and ability to use common location reference systems to include: United States National Grid (USNG), latitude/longitude, and other appropriate location languages in support of disaster operations 2. Ability to locate and navigate to features using a paper map and compass 3. Ability to use and maintain mobile data collection devices such as mobile smart phones, tablet-based hardware, laptops, GPS enabled devices, GPS field data collectors, and GPS enabled cameras. 4. Ability to edit geometry of a point, line, and polygon 5. Ability to edit attributes of geospatial data in a GIS 6. Ability to add data across multiple file formats from different physical sources into field data collection applications <p>Experience:</p> <p>Three months of practical experience with GPS capable mobile data collection devices. Practical experience can include, but is not limited to, time on a job using GPS capable mobile data collection devices.</p> <p>NOTES: Not Specified</p>	Not Applicable
PHYSICAL/ MEDICAL FITNESS	Ability to perform duties under moderate circumstances characterized by working consecutive 12-14 hour days under physical and emotional stress for sustained periods of time. This position may require work outdoors and in the field in disaster environments.	Not Applicable



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TYPE	TYPE 1	NO TYPE 2
	NOTES: Moderate fitness or work capacity criteria should be consistent with the physical fitness levels defined in the National Wildfire Coordinating Group's (NWCWG) Fitness and Work Capacity, National Fire Protection Association (NFPA) 1582: Standard on Comprehensive Occupational Medical Program for Fire Departments, or equivalent physical and medical fitness criteria determined by the AHJ.	
CURRENCY	Not Specified	Not Applicable
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Applicable
	NOTES: Not Specified	



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ORDERING SPECIFICATIONS OR DESIGNATIONS

- Can be ordered as a single resource
- Can be ordered in conjunction with a typed team (GIS Field Data Collection Team)
- Can be ordered in conjunction with a typed unit
 1. Logistics for deploying this position (e.g., security, lodging, transportation, meals) should be discussed prior to deployment of this resource.
 2. This position can work up to 12 hours per shift, is self-sustained for 72 hours, and deployable for up to 14 days.

REFERENCES

1. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2013
2. NFPA 1582: Standard on Comprehensive Occupational Medical Program for Fire Departments, latest edition adopted

NOTE

NONE