



MISSOURI NATIONAL GUARD
JOINT FORCE HEADQUARTERS
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JEFFERSON CITY, MISSOURI 65101-1203

S: 19 Sep 25
S: 19 Oct 25

NGMO-PER-AB (600-8-19D)

19 August 2025

MEMORANDUM FOR DISTRIBUTION A & I

SUBJECT: Statewide Vacancy Announcement (**SWVA #25-0696**)

1. The current EPS list has been exhausted, and the following position is open statewide for best select interviews:

- a. Unit Name / UIC: 0635 EN TM FORWARD ENGR SP / WPSPAA
- b. MOS / Duty Title: 12Y / Senior Geospatial Engineering Operations Sergeant
- c. Position # / Grade: 00120721 / E-8
- d. Location: SAINT LOUIS, MO

2. Applicability:

a. Current ARNG Soldiers in grades E-6 through E-8 in any MOS, and E-8 Active Army and USAR Soldiers who currently hold the 12Y MOS.

b. MOS specific duties and qualification requirements are listed in the enclosed. Reference DA PAM 611-21, Chapter 10-12Y.

3. Instructions:

a. Interested, qualified candidates are encouraged to apply by the first packet submittal suspense of **19 Sep 25** to be considered for the initial interview process, or until this announcement has been removed from the Missouri Army National Guard website listing.

b. Thereafter, if no selection is made, Commanders may conduct additional interviews at their discretion until **19 Oct 25**, or a selection is made.

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c. Soldiers will submit completed applications and all other required documentation to MSG Todd A. Stark at todd.a.stark6.mil@army.mil. Reference the SWVA number located in the above subject line on all documents.

4. Soldiers holding a Select Reserve Incentive Program bonus are recommended to consult with the Education & Incentives office to determine compatibility.

5. All units will post this announcement on their unit bulletin board and in their monthly newsletter until this announcement is removed from the Missouri Army National Guard website listing. For additional information, see the Memorandum of Instruction (MOI) for the 2025 Enlisted Promotion System (EPS), dated 6 June 2024.

FOR THE MILPO:

TABITHA D. OSIER
MAJ, MS, MOARNG
Chief, Military Personnel Services Division

10-12Y. MOS 12Y–Geospatial Engineer, CMF 12 (Effective 202409)

a. *Major duties.* Geospatial engineers manage the enterprise geospatial database; compiled from all sources including the National Geospatial Intelligence Agency, the Army Geospatial Center and other services, international partners as well as exploiting new collection and production from deployed Soldiers and sensors. Geospatial engineers manage the geospatial foundation of the Common Operational Picture (COP), synchronizing hard and soft copy products and are a necessary component of all military operations. Finish compilation of geospatial data i methods include web-enabled geospatial services, digital geospatial information on removable media, hard copy map production, and sharing geospatial knowledge through written and oral communication. Duties for MOS 12Y at each level of skill are:

(1) *MOSC 12Y10.* Extract geospatial data from remote sensed imagery, field reconnaissance, digital data, existing Geospatial products, and other collateral data sources. Records data extraction/analysis results in a standard military geospatial data base. Digitizes and scans cultural, topographic, hydrographic, and/or other features in digital formats. Perform digital manipulation of geospatial information by querying, viewing, evaluating, and analyzing digital data. Finish compilation of geospatial data into printable map/products and/or digital display of geospatial information.

(2) *MOSC 12Y20.* Performs duties in the preceding skill level, supervise lower grade Soldiers and provides technical guidance to the Soldiers in accomplishment of their duties. Analyze collected military geographic information to produce geospatial decision aids. Predict terrain and weather effects as applied to all Army operations, Perform data base management for the storage of aerial photographs, maps, digital data bases and collateral source materials. Perform quality assurance during all stages of geospatial operations to include finish compilation of geospatial data into printable map/products and/or digital display of geospatial information.

(3) *MOSC 12Y30.* Performs duties of preceding skill level, supervises lower grade Soldiers, and provides technical guidance to Soldiers in the accomplishment of their duties. Supervise Geospatial Engineers at Division, Corps and EAC Geospatial units to include maintenance of assigned equipment. Evaluate source materials for military geographic information analysis. Supervise quality assurance during all stages of geospatial operations to include finish compilation of geospatial data into printable and digital map/products. Ensures required administrative, intelligence, source data and reference files are maintained. Advise command and staff officers on all aspects of geospatial operations and doctrine.

(4) *MOSC 12Y40.* Performs duties of preceding skill level, supervises lower grade Soldiers, and provides technical guidance to Soldiers in the accomplishment of their duties. Supervise Geospatial analysis activities at all levels. Coordinates and validates data generation requirements. Supervise quality assurance program for all Geospatial operations to include finish compilation of geospatial data into printable map/products and printing of hardcopy geospatial information. Plans and coordinates activities pertaining to the organization, training and the tactical and technical operation of the assigned unit. Advise command and staff officers on all aspects of Geospatial operations and doctrine. Coordinate the planning and production of military geographic information.

(5) *MOSC 12Y50.* Assist in geospatial planning and control activities. Assist in determining foundation geospatial map and data requirements and providing technical supervision of geospatial mapping and other military geographic intelligence programs. Assist in command supervision and coordination of map reproduction and geospatial dissemination programs. Provides staff supervision and principal noncommissioned officer direction to units engaged in performing geospatial engineering missions.

b. *Physical demands rating and qualifications for initial award of MOS.* The geospatial engineer must possess the following qualifications:

(1) Physical demands rating of moderate (Gold).

(2) A physical profile of 211222.

(3) Normal color vision.

(4) Distance vision correctable to 20/20 standard Snellen and normal stereoscopic acuity (depth perception), with or without correction, administered on the Armed Forces Vision Test (AFVT) or on the Titmus Stereopsis Vision Test.

(5) Qualifying scores.

(a) A minimum score of 100 in aptitude areas ST and GT in Armed Services Vocational Aptitude Battery (ASVAB) tests administered on or after 1 May 2012.

(b) A minimum OPAT score of Standing Long Jump (LJ) – 120 cm, seated Power Throw (PT) – 0350 cm, Strength Deadlift (SD) – 0120 lbs. and Interval Aerobic Run (IR) – 0036 shuttles in Physical Demand Category “Moderate” (Gold).

(6) Successfully completed (and be able to show proof of credit by official copy of transcript) 1 year of high school algebra or geometry, or equivalent.

(7) Security Eligibility:

Effective October 2011, the Soldier must meet TOP SECRET (TS) and Sensitive Compartmented Information (SCI) access eligibility requirements to be awarded and retain this MOS. For clearance requirements to attend training, refer to the Army Training Requirements and Resources System (ATRRS).

(8) Formal training (completion of MOS 12Y course conducted under the auspices of the U.S. Army Engineer School) is required.

(9) A U.S. citizen.

c. *Additional skill identifiers.* (Note: Refer to table 12-8 (Listing of universal ASIs associated with all enlisted MOS)).

(1) B9--Bradley Fighting Vehicle (BFV) (personnel only).

(2) P6--Project Management (Skill level 2 thru 5 for personnel only).

(3) Q6--Protection Cell Operations (skill level 4 through 6 for personnel only) (Effective 202410).

(4) R7--Army Reconnaissance (Skill level 3 and above personnel only).

(5) Y2--Transition.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-12Y-1.* Physical requirements.

(2) *Table 10-12Y-2.* Standards of grade TOE/MTOE.

(3) *Table 10-12Y-3.* Standards of grade TDA.