

**NEBRASKA ARMY NATIONAL GUARD
DIRECTORATE OF PERSONNEL ADMINISTRATION
ENLISTED PROMOTION SECTION
2433 NW 24TH STREET
LINCOLN, NEBRASKA 68524**

TRADITIONAL VACANCY ANNOUNCEMENT

Announcement Number: 22-P4MAA-1087

Closing Date: 21 July 2022

Position Title & Unit: Senior Geospatial
Engineer Sergeant, HSC, 67th MEB

Location: Lincoln, NE

Military Grade Range: Minimum SPC/E4 - Maximum SSG/E6

Military Requirements: Designated CPMOS for this position 12Y. Must meet the physical demands requirements of DA Pam 611-21. MOS qualification, if required, must be completed IAW current policy and training guidance. Selected individual may incur additional training requirements for SQI and/or ASI requirements for the duty position (see unit specific requirements below). The qualifications for the award of this MOS can be found in DA Pam 611-21.

Area of Consideration: All eligible and available members of the Nebraska Army National Guard serving in the grade range listed above. In order to be promoted in this position, the selected Soldier must be fully qualified for promotion IAW AR 600-8-19.

General Requirements:

1. Currently assigned SPC/E4 – SSG/E6 in the Nebraska Army National Guard.
2. Not currently "Flagged from Favorable Personnel Actions" or under a "Bar to Reenlistment", or defined as "Stagnant".
3. Meet other requirements as stated in **Military Requirements** above.

Summary of Duties: Performs duties of preceding skill level, supervises lower grade Soldiers and provides technical guidance to Soldiers in the accomplishment of their duties. Supervise topographic analysts at division, Corps and EAC topographic units to include maintenance of assigned equipment. Evaluate source materials for military geographic information analysis. Supervise quality assurance during all stages of topographic operations to include finish compilation of geospatial data into printable map/products and printing of hardcopy geospatial information. Ensures required administrative, intelligence, source data and reference files are maintained. Advise command and staff officers on all aspects of topographic operations and doctrine.

Other Unit Unique Considerations/Requirements: None

Application Instructions: Submit a completed Traditional NCO Vacancy Application by e-mail to ng.ne.nearng.list.g1-epm@army.mil with a subject line of "**Vacancy Application 22-P4MAA-1087**" or in hard copy to the G1 office no later than 1600 hours on the closing date. Electronic applications must be in PDF format on one single attachment. The use of official mail to forward employment applications is prohibited. Applications or attachments which are unreadable or cannot be opened will not be accepted or considered. G1 is not responsible for any malfunctions when using electronic means to transmit job applications. Applicants may verify receipt of their application telephonically by calling (402)309-8152.

10-12Y. MOS 12Y–Geospatial Engineer, CMF 12

a. *Major duties.* Geospatial engineers manage the enterprise geospatial database; compiled from all sources including National Geospatial Agency, Topographical Engineering Center and other services, coalition allies, as well as exploiting new collection and production from deployed Soldiers and sensors. Geospatial engineers manage the geospatial foundation of the Common Operating Picture (COP), synchronizing hard and soft copy products and are a necessary component of All Source Intelligence and Battle Command. Finish compilation of geospatial data into a printable map/product and prints (maps, overlays and special products) hardcopy geospatial information. 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 topographic products and other collateral data sources. Records analysis results addition to a military graphic data base. Draws, scribes, digitizes and scans cultural, topographic, hydrographic, and/or other features on overlay/scribing surfaces or in digital formats. Utilizes basic drafting techniques to tailor terrain products and revises planimetric and topographic maps. Perform digital manipulation of topographic information by querying, viewing, evaluating and downloading digital data. Finish compilation of geospatial data into printable map/products and prints hardcopy 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 tactical decision aids. Predict terrain and weather effects as applied to command, control, communication, computer and intelligence systems. 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 topographic operations to include finish compilation of geospatial data into printable map/products and printing of hardcopy 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 topographic analysts at division, Corps and EAC topographic units to include maintenance of assigned equipment. Evaluate source materials for military geographic information analysis. Supervise quality assurance during all stages of topographic operations to include finish compilation of geospatial data into printable map/products and printing of hardcopy geospatial information. Ensures required administrative, intelligence, source data and reference files are maintained. Advise command and staff officers on all aspects of topographic 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 topographic analysis activities at all levels. Coordinates and validates collection requirements. Supervise quality assurance program for all topographic 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. Direct preparation for movement and operation of mobile/transportable work sections. Advise command and staff officers on all aspects of topographic operations and doctrine. Coordinate the planning and production of military geographic information. Supervise preparation of transportable/mobile work sections. Advises command and staff officers on all aspects of topographic 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 requirements and providing technical supervision of topographic mapping and other military geographic intelligence programs, to include geodetic and topographic surveying activities. Assist in command supervision and coordination of map reproduction and topographic map supply programs. Provides staff supervision and principal noncommissioned officer direction to units engaged in performing topographic engineering missions.

(6) *MOSC 12Y60.* Performs duties of preceding skill level. Supervises geospatial planning and control activities. Assists commanders at national and Army levels in determining geospatial requirements. Assists in creating unit standard operating procedures. Provides

supervision of unit's technical and tactical training, logistical, administrative and operational requirements. Advises the command on enlisted matters to include legal, duty and financial. Provides oversight of the AOR Theater Geospatial Database (TGD). Assists in planning and management of standard and non-standard geospatial products in support of theater operational plans, contingency plans, and crisis action support and exercises. Enforces compliance with command policies and standards to include NCO and Soldier professional development.

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) A maximum of 175 seconds of arc visual stereoscopic acuity or a pass rating on a stereoscopic/depth perception exam.
- (5) Qualifying scores.
 - (a) A minimum score of 100 in aptitude area ST in Armed Services Vocational Aptitude Battery (ASVAB) tests administered prior to 2 January 2002.
 - (b) A minimum score of 96 in aptitude area ST on ASVAB tests administered on and after 2 January 2002 and prior to 1 July 2004.
 - (c) A minimum score of 95 in aptitude area ST on ASVAB tests administered on and after 1 July 2004.
 - (d) Personnel reclassified into MOS 12Y/21Y from MOS 21L as part of the force structure MOS merger effective 30 September 2008 is granted a waiver of this requirement.
 - (e) 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.
 - (f) 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:
 - (a) A security eligibility of SECRET is required for the initial award and to maintain the MOS. Personnel reclassified into MOS 12Y/21Y from MOS 21L as part of the force structure MOS merger and who do not possess a security eligibility of SECRET or higher, must apply for a SECRET security eligibility no later than 180 days from the effective merger date of 30 Sep 2008. Failure to do so could result in mandatory re-classification for loss of MOS qualification or denial of reenlistment eligibility in MOS 12Y/21Y.
 - (b) Prior to October 2011, Soldier must meet SECRET security eligibility requirements to be awarded and maintain this MOS.
 - (c) 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).
 - (d) Effective 1 March 2009 all new non-prior service accessions into MOS 12Y/21Y require a TS/SCI security eligibility. To begin training, interim TS with SCI access must be granted from the Central Clearance Facility (CCF). Soldiers in the Delayed Entry Program (DEP) on or before 1 March 2009 with contracts for entry on and after 1 March 2009 are excluded from this requirement and will be processed as in-service personnel per paragraph 7(e) below.
 - (e) Requirement for a TS/SCI security eligibility is effective 1 October 2011 for all Soldiers holding MOS 12Y/21Y who entered service prior to 1 March 2009 or were in the DEP per paragraph 7(d) above. Soldiers will submit SSBI packets requesting TS/SCI eligibility as soon as possible but no later than 1 October 2009 to meet the 1 October 2011 full implementation date for possessing a TS/SCI security eligibility.
 - (f) Effective 1 March 2009, in-service Soldiers recruited into MOS 12Y/21Y, while not currently required to possess more than a SECRET eligibility, will submit SSBI packets requesting TS/SCI eligibility determination during their reenlisting processing.

(8) Formal training (completion of MOS 12Y course conducted under the auspices of the U.S. Army Engineer School) is required. Personnel reclassified into MOS 12Y/21Y from MOS 21L as part of the force structure MOS merger effective 30 September 2008 who have not completed 12Y (AIT) 1 Oct 2014 will automatically be reclassified needs of the Army.

(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 6 for personnel only).

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

(4) 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.