

HAWAII CBRNE ENHANCED RESPONSE FORCE PACKAGE
Hawaii Army National Guard
91-1227 Enterprise Avenue, Bldg 282, Kapolei, Hawaii 96707-2150

NGHI-DOM-CER

4 June 2018

MEMORANDUM FOR RECORD

THRU O/USPFO, ATTN: Supply & Services Division
FOR O/USPFO, ATTN: Purchasing & Contracting Division

SUBJECT: Statement of Need for Confined Space Rescue Operator Course

1) Description of the minimum need for the request for the following:

a) Those who successfully complete the training will be certified as Rope Rescue Technicians according to the standards set in *NFPA 1670- Standard on Operations and Training for Technical Rescue Incidents* and *NFPA 1006- Standard for Rescue Technician Professional Qualifications*, and *NFPA 350 Guide for Safety Confined Space Entry and Work*.

b) CERFP Mission Essential Task: X ART 6.9.4.1.2 Conduct Victim and Casualty Search, Rescue and Extraction (S&E), Conduct Search and Extraction Rope Rescue Operations.

a) All Search and Extraction personnel are required to be Confined Space Rescue Operator qualified.

b) The list of training requirements in Para 1.d meets the minimum NGB CERFP requirements.

c) Qualified Instructors:

a) Instructor must be Ropes rescue qualified IFSAC and PROBOARD Certified instructor is preferred but not required.

b) The course should count toward the student's ability to "Train the Trainer".

c) Must have instructors who have a familiarization with CERFP operations and real-world practical experience is preferred.

d) Course Requirements:

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- a) Must be able to train up to 25 personnel.
- b) Must have instructors provide their own training materials and equipment for the following listed in Para d.
- e) Training. Course subjects for instruction must include the following:
 - 1) Rescue Philosophy
 - 2) Training Standards
 - 3) Confined Space definitions and hazards
 - 4) Air monitoring and confined space ventilation
 - 5) Lock-out, tag-out, try-out
 - 6) Medical considerations
 - 7) Personal Equipment
 - 8) Recall post-use care and inspections procedures for personal equipment
 - 9) Technical Equipment
 - 10) Pre-planning
 - 11) Risk Assessments
 - 12) Work permits and work procedures
 - 13) Incident size-up
 - 14) Incident management and site control
 - 15) Loads and forces
 - 16) System safety checks
 - 17) Communications
 - 18) Knots
 - 19) Anchor Systems
 - 20) Rope protection
 - 21) Work restraint
 - 22) Fall arrest
 - 23) Connecting a casualty to a line using a telescopic pole
 - 24) Lifting and lowering a casualty using a pre-installed device
 - 25) Mechanical advantage
 - 26) Casualty care
 - 27) Emergency descending
 - 28) Lead climbing with lanyards
 - 29) Personal ascending and descending
 - 30) Climbing over a 90-degree edge
 - 31) Lead climbing with lanyards
 - 32) Team-based pick-offs
 - 33) Litter management - low angle
 - 34) Litter management - high angle
 - 35) Team-based raising and lowering systems

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SUBJECT: Statement of Need for Basic and Advanced Ropes Rescue course

- 36) Mirrored team-based raising and lowering systems
 - 37) High directional
 - 38) Offsets - tagline
 - 39) Offsets – deflection
 - 40) Passing knots through a system
 - 41) Vertically oriented stretcher abrupt edge transitions without a high directional
 - 42) Offsets - track/guideline, skateblock, deflection, two-rope
 - 43) Night/poor visibility operations
 - 44) Highline rope system - Kootenay highline
 - 45) Scenarios
- 2) Certification is the requirement as the end result of the training is for each student who successfully complete Confined Space Rescue Operator Course.
- 3) Other coordinating information:
- a) This iteration of Confined Space Rescue Operator Course will take place at Kalaeloa, Oahu, Hawaii from 9-11 July 2018.
 - b) The Hawaii CERFP will hold this course each quarter if possible.