

**DEPARTMENTS OF THE ARMY  
HAWAII NATIONAL GUARD  
HAWAII CERFP  
3949 DIAMOND HEAD ROAD  
HONOLULU, HI 96816**

NGHI-DOM-CER

30 January 2017

MEMORANDUM FOR RECORD

THRU O/USPFO, ATTN: Supply & Services Division

FOR O/USPFO, ATTN: Purchasing & Contracting Division

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

- 1) Description of the minimum need for the request
  - 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*.
  - 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).
    - i) All Search and Extraction personnel are required to be Ropes Rescue qualified.
    - ii) The list of training requirements in Para 1.d meets the minimum NGB CERFP requirements.
  - c) Qualified Instructors:
    - i) Instructor must be Ropes rescue qualified. IFSAC and PROBOARD Certified instructor is preferred but not required.
    - ii) The course should count toward the students ability to “Train the Trainer”
    - iii) Must have instructors who have a familiarization with CERFP operations and real-world practical experience is preferred.
  - d) Course Requirements:
    - i) Must be able to train up to 25 personnel.
    - ii) Must have instructors provide their own training materials and equipment for the following listed in Para d.

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- e) Training: Course must include the following:
  - i) NFPA standard, Laws and SOGs
  - ii) Rescue philosophy
  - iii) Size up
  - iv) Rescue Safety
  - v) General Hazards
  - vi) On-scene safety briefing and site control
  - vii) System safety check
  - viii) Pre-incident planning
  - ix) Incident Management System
  - x) Medical Considerations
  - xi) Rescue equipment, care and management
  - xii) Rescue knots, hitches, bends and anchors
  - xiii) Pre-tensioned back ties
  - xiv) Artificial high directionals- variation of A frames and tripods
  - xv) Belays- independent and conditional
  - xvi) Mechanical Advantage – simple and compound
  - xvii) T-Method for calculating Mechanical Advantage
  - xviii) Placing rope protection
  - xix) Verbal commands
  - xx) Two line systems- mainline and belay
  - xxi) Patient packaging and litter management
  - xxii) Low and high angle ascending and lowering
  - xxiii) Low and high angle raising and lowering
  - xxiv) Change from raise to lower mid face under a load
  - xxv) Knot passing
  - xxvi) High angle rappelling including tie offs and safety
  - xxvii) Change overs from ascending to descending
  - xxviii) Victim pick-off rescue while suspended from a rope
  - xxix) High line systems- Tyroleon and Telpher
- 2) Certification:
  - a) The end result of the training is for each student who successfully displayed ropes rescue skill a Rescue Technician 1 (certification)
- 3) Other coordinating information:
  - a) This iteration of Ropes Rescue training will take place at Kalaeloa, Oahu, Hawaii from 13-17 FEB 2017.
  - b) The Hawaii CERFP will hold this course each quarter if possible.