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भारत सरकार, गृह मंत्रालय/Government of India, Ministry of Home Affairs

महानिदेशालय/Directorate General

राष्ट्रीय आपदा मोचन बल/National Disaster Response Force

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नई दिल्ली / New Delhi— 110003

Dated, the 16 November, 2017

REQUEST OF EXPRESSION OF INTEREST

It is to inform that National Disaster Response Force (NDRF) intends to procure Petrogen Portable Cutting Torch System with Accessories from M/s. Brijbasi Fire Safety Pvt. Ltd., New Delhi on Proprietary Article Certificate (PAC) basis as firm claimed that they are the only supplier of the store in India. The specification of the equipment is attached as Appendix – “A”.

2. If there is any authorized agent of above equipment available in India or selling the products please intimate to this HQ within 15 days from the date of issue of this expression of interest for further course of action.

Encl: Appendix – A (2 pages)

Muneesh Kumar
16.11.2017
(Muneesh Kumar)

Dy. Commandant (Proc.)
HQ DG NDRF

Copy to:

IT Cell, HQ NDRF for needful action please.

PETROGEN GAS CUTTER

Portable cutting torch systems shall be used by everyday liquid fuels like gasoline, diesel, and kerosene. These liquid fuels, portable system packages, provide operators with the opportunity to reduce operational safety hazards, take advantage of greater performance capabilities, and reduce operational costs. The portable cutting system shall be rugged, field cutting torch system that provides operators with all the components necessary to contact rapid hot cutting operations. Ideal for rescue or tactical use, these robust tools offers the same massive power and performance as the largest industrial system, but with a small footprint. It slices through the steel like knife, jumping air gap, cutting through layers, punching deep holes in seconds. It cuts everything from thinnest steel up to 14 inches.

SAFETY

- (i) Automatic shut-off
- (ii) Gas cutter head and tips shall be produced a refrigeration (cold) effect

PERFORMANCE

- (i) Multi-layer cutting efficiency.
- (ii) Allows cutting where optimal position is not possible
- (iii) Higher level of oxidation.

The flame temperature of the gas cutter ranges not less than 5000 degrees Fahrenheit (forceful flame).

Oxygen fuel cutting system should be such that completely filled oxygen cylinder and fuel Cylinder should be able to cut at least 2 inch thick steel for more than 90 min.

The package shall include a trans-fill cable for field expedient filling of the jumbo-D bottle from a large bottle, as well as a adapter to allow operators to use medical oxygen bottles.

Comprising of main components as under:

- (A) Liquid Fuel Torch (20 inch, 90 degree)
- (B) Cutting Tips (0, 81 & 83)
- (C) Liquid Fuel Hose (20 foot)

OXYGEN HOSE (WHIP LINE - 20 FOOT)

- (i) Liquid Fuel Tank (2 quart)
- (ii) Fuel Quick Disconnects
- (iii) Oxygen Quick Disconnects
- (iv) Oxygen Flashback Arrestor
- (v) System to be supplied with Oxygen Cylinder



- (vi) Medium Duty Oxygen Regulator (CGA 540)
- (vii) Heavy Duty Igniter
- (viii) Carry Case with Bracket
- (ix) Filler Pigtail
- (x) Medical Yoke Adapter
- (xi) Spare Parts Kit
- (xii) Tool Kit
- (xiii) Adjustable Wrench
- (xiv) Welding Gloves
- (xv) Safety Glasses (Shade 5)
- (xvi) Approved UL Certified

2. All the interested vendors who are selling above equipment in India may quote their offer.

