

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

महानिदेशालय/Directorate General

राष्ट्रीय आपदा मोचन बल/National Disaster Response Force

क्रय शाखा/Procurement Branch

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दिनांक, 13 सितम्बर, 2018

Subject:- REQUEST OF EXPRESSION OF INTEREST

It is to inform that National Disaster Response Force (NDRF) intends to procure **Set of Advanced Composite Hydraulic Rescue Tool** Qty – 01 No. through Single Tender Enquiry on operational trial basis. The details is as under:-

Sl.No.	Nomenclature of the equipment	Specification & Description of Equipment	Qty.
1.	Set of Advanced Composite Hydraulic Rescue Tool	Attached as Appendix – “A”	01 No.

2. All potential OEMs are hereby requested to submit their offer for above equipment if they are complying the specifications at appendix – A in following proforma **within 10 days** from the date of uploading on NDRF Web site/ CPP Portal.

Sl.No.	Nomenclature of the equipment	Specification & Description of Equipment & Model	Qty

Note:- This quote will not be an offer or procurement but only as Technical Guidance for further reference.

Signature authority of Firm.

Encl: Appendix – A (2 pages)



Muneesh Kumar
13.09.2018

(Muneesh Kumar)

Dy. Commandant (Proc.)

HQ DG NDRF

Copy to:

IT Cell, HQ NDRF for needful action please.

**SPECIFICATIONS FOR SET OF ADVANCED HYDRAULIC COMPOSITE
RESCUE TOOL**

1	<p>Specifications of Hydraulic Drill Rig</p> <p>Features of Hydraulic Core Cutting</p> <ul style="list-style-type: none">• Powerful drilling with hydraulic feed• Drill Rig with 2 Pillar Guide System for better stability• The Drill Rig should be capable for drilling large holes up to 1000 mm• Feeding can be done manually and Hydraulic.• Drill Rig is capable of Angle Coring also.• Drill Rig should have leveling screws.• Working length of the drill rig is Approx 830 mm• Dimensions of Drill Rig• Length – 460 mm (appx)• Width – 290 mm(appx)• Height - 1340 mm (appx)• Weight – 30 kg (appx) <p>Specifications of Hydraulic Core Cutting</p> <ul style="list-style-type: none">• Drill diameter Range 100 to 350 mm (Diameter sizes 102,152,202,250,350 in mm) with 100 ccm motor.• Capacity of Drilling diameter hole of 700 mm and 1000 mm with 2 Gear Reduction arms with 30 ccm motor.• Universal Drill bit length – 450 mm
2	<p>Hydraulic Wire Sawing</p> <p>Features of Hydraulic Wire Sawing</p> <ul style="list-style-type: none">• Simple and easy conversion from Hydraulic drill rig to Hydraulic wire saw• Gross wire storage min 10.0 mtr• Hydraulic Motors combination of 8 ccm & 18 ccm.• Roller arrangement for proper wire guidance.• Drive pulley size 280 mm, Storage and Guide Pulley size 200 mm.• Diamond Wire Ø diameter min 10.00 mm <p>Specifications of Hydraulic Wire Sawing with Same Drill mentioned above.</p> <ul style="list-style-type: none">• Height 1,340 mm• Width 920 mm• Depth 810 mm• Weight without drill rig 70 kg(APPROX)• Weight with drill rig 100 kg(APPROX)



3	Hydraulic Dragon Ring Saw specifications <ul style="list-style-type: none"> • The hand saw capable of cutting up to 16" depth in concrete or block • Working Pressure 172 bar • Minimum Blade Diameter 400 mm • Maximum Blade Diameter 500 mm • Cutting Depth with 400 mm Saw Blade minimum 300 mm • Cutting Depth with 500 mm Saw Blade minimum 400 mm • Blade Cooling Water Cool • Weight 15 kg (APPROX)
4	Hydraulic Power Unit Diesel Driven <ul style="list-style-type: none"> • Hydraulic Flow 0 - 95 l/min • Hydraulic Tank Capacity minimum 170 Litre • Flow Control Fully adjustable • Hose minimum 19 mm X 18 meter length • Quick coupling • Fuel Tank Capacity minimum 30 litre • Power required minimum -48 HP • Dimensions :- Length – 650 mm Width – 600 mm Height - 1125 mm
All the above equipments mentioned in Sr No 1 to 3 should be compatible with Sr No 4 mentioned above	

