

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

E-mail: dcproccell-ndrf@gov.in

एनडीसीसी 2-बिल्डिंग/ NDCC-II

Building,

छठी मंजिल/ 6th Floor,

जय सिंह रोड/ Jai Singh Road,

नई दिल्ली/ New Delhi — 110001

दिनांक, 31 July, 2019

REQUEST FOR EXPRESSION OF INTEREST

It is to inform that NDRF will procure following items for which draft technical specification has been prepared through a detailed BOOs which are enclosed here with as appendix-A & B.

- 1) Dead body/ Casualty Bag
- 2) Diesel Water Pump (Capacity 20000 ltr/hour)

Therefore, all the interested vendors/manufacturers are hereby invited to submit their comments/ suggestion on the draft technical specifications to this HQ by 15 August, 2019 against this expression of interest for further course of action.

Encl: As above.



31/7/19
(A.K. Tiwari)

Commandant (NDRF)

Commandant (NDRF)

मुख्यालय रा. आ. मो. बल, नई दिल्ली

HQ NDRF, New Delhi

To,

The In-charge, IT Cell, for uploading the same on NDRF website.

SPECIFICATIONS OF DEAD BODY/CASUALTY BAG

1. General specifications:-

Sl. No.	Specifications	
1	Dead /Casualty Bag made of	PEVA(Poly Ethylene-Vinyl acetate)/PVC/HDPE
2	Thickness of Material	Not less than 150 gsm
3	Material Layer	Multi Layered and laminated. ➤ Bag having waterproofing and UV stabilized PE sheet
4	Storage Temperature	-20 to + 60 Degree
5	Bag Shelf Life	Minimum 10 Years ➤ Material should not crack, expand and must be shrink resistance. Bag material must allow it to be used in winter environments or morgue coolers without fear of the material "cracking"
6	Colour of Bag	White/Olive Green
7	Carrying Handle	Minimum 06 carrying handles (03 handles on each side of bag.)
8	Fluid absorption capacity (inside the bag)	Minimum 04 ltrs. ➤ Bag should have self contained high absorbent material to prevent leakage of body fluid/blood .
9	Packing Type	Full length nylon Zipper, bag must open in 'C' and 'L' Shape.
10	Airlifting capacity	Having provision of straps to be airlifted with a minimum weight of 150 Kgs.
11	Mandatory condition.	➤ Bag lifting handle must have grip of approx 06 inches in length for comfortable lifting and loading the cadaver. ➤ Bag should be completely heat sealed with no sewn seams. ➤ Bag must be designed for "high-risk" bio-hazard exposures.
12	Warranty	24 months from the date of technical acceptance of the product.

TECHNICAL SPECIFICATIONS

1	SIZE OF BAG	
	Infant	22"x30" with four carrying handles (02 on each side) Weight not more than- 800 gm.
	Child	34"x60" with six carrying handles (03 on each side) Weight not more than-1.30 Kg.
	Adult	34"x86" with six carrying handles (03 on each side) Weight not more than-1.90 Kg.
2	Bag Loading Capacity	Minimum 150 Kgs
3	Lab Testing	Material/Bag should be supported with a valid lab report from Govt. approved lab of national/international standards for the ease of technical evaluation.

PRESIDING OFFICER

MEMBER-I

MEMBER-II

MEMBER-III

TECHNICAL SPECIFICATION OF DIESEL WATER PUMP (CAPACITY 20,000LTR/HRS)

General- Diesel water pump or Dewatering pump having capacity for continuous outdoor operation external conditions like rain, snow and Humidity.

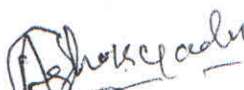
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|---|--|
| 1 | Diesel water pump should be compliance to 11501 :1986 |
| 2 | Pump and Engine duly coupled and mounted on mild steel robust tubular frame for easy transportation. |
| 3 | Weight of pump set should not more than 55 kg. |
| 4 | Guarantee /Warranty minimum 03 years |


ENGINE


- | | |
|----|---|
| 1 | Engine capacity -5HP |
| 2 | Rated Power should be minimum 4 kilo Watt @ 3600 rpm |
| 3 | Engine start system- Recoil start with D compression lever |
| 4 | Number of cylinder - Single cylinder |
| 5 | Fuel supply -fuel pump by gravity feed through tank |
| 6 | Fuel tank capacity - Minimum 3.5 Ltr. |
| 7 | Speed(RPM) -Minimum 3600 rpm |
| 8 | All rotating parts should be dynamically balanced for longer bearing life and vibration free and smooth and silent operation. |
| 9 | Continuous outdoor operation in external conditions like rain, snow and Humidity should not affect pumping operation. |
| 10 | Engine cooling system -- Air cooled |
| 11 | Fuel- Diesel operated |
| 12 | Standard- IS: 10,001latest/IS:11170 latest/IS:7347latest |
| 13 | Engine should have safety alert for engine oil and over heat |

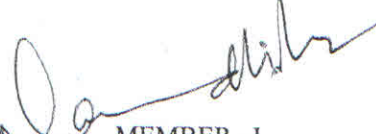
PUMP


- | | |
|---|--|
| 1 | Type of pump --Self Priming |
| 2 | Casting material- Granded cast iron or Aluminium alloy |
| 3 | Impeller --Cast iron of grade FCD450 |
| 4 | Shaft type -- Stainless Steel / Forged Steel or Cast Iron |
| 5 | Rate of water discharge flow - Minimum 20,000 LPH |
| 6 | Head should not be less than 25 Mtr. |
| 7 | Pumping unit should be centrifugal type which is capable of handling floating material / solids like wooden pieces, muddy water etc. |


CO-OPTED MEMBER
INSP./GD Ashok Kumar,
8TH BN NDRF


MEMBER -III
Krishan Kumar, AC,
HQ. NDRF


MEMBER -II
Muneesh Kumar, DC,
HQ. NDRF


MEMBER -I
N.K.K. PRASAD, 2I/C,
6TH BN NDRF


PRESIDING OFFICER
P. K. Srivastava, Commandant
8TH BN NDRF