

Unexploded Ordnance Handling Robot (UXOR)

Research & Development Establishment (Engineers), Pune, a premier laboratory under Defence R&D Organisation invites Expressions of Interest (EOI) from original manufacturer(s) having sufficient experience, expertise and willing to undertake production work. The firm should be technologically sound to manufacture and supply the system with requisite quality standards.

The state-of-the-art Unexploded Ordnance(UXO) handling Remotely Operated Vehicle (ROV) – UXOR is capable of handling and diffusing UXOs i.e. Bombs and Missiles up to 1000 kg remotely from of 1km Line Of Sight(LOS).

UXOR can be utilized to remotely approach the UXO and defuse it.



UXOR system

Salient Features

Platform

Cross Country negotiating capability
Existing platform to handle large loads

Water jet Cutting Machine

Cutting depth – up to 85mm steel

Communication

Range of Operation – 1 km LOS

Loader Arm

Lift capacity of 1000kg

Cutting Arm

Multiple axis configuration
Teach and playback operation

Endurance

6 hours

Carrier Vehicle

Master Control Station cum Transporter



Cutting operation by UXOR

