

TENDER SPECIFICATION OF UNDER WATER METAL DETECTOR WITH ACCESSORIES
BNS MONGLA

1. **Name of Equipment.** Under water metal detector system.
2. **Purpose.** To detects the under water metallic items.
3. **Quantity** : 01 (one) Complete System.
4. **Country of Origin** : United Kingdom, USA, Canada, EU Countries (Country to be mentioned), South Korea.
5. **Country of Manufacturer** : United Kingdom, USA, Canada, EU Countries (Country to be mentioned), South Korea.
6. **Type/ Model/Brand** : To be mentioned.
7. **Year of Manufacturing** : 2019 or later.
8. **Manufacturer** : Name & Full Address with e-mail to be mentioned.
9. **Supplier/ Service provider/ Local agent:** Name & Full Address with e-mail to be mentioned.
10. **Scope of Supply** The scope of supply are as follows:
 - a. 01 x Complete Under Water Metal Detector System.
 - b. Software (If required).
 - c. Training.
11. **General Features.** The system should have following features but not limited to:
 - a. High discrimination capability for adjacent targets.
 - b. Automatic Compensation for mineralized and natural metal content soil.
 - c. Operational mentioned by a micro computer controlled auto diagnostic system.
 - d. Integrated battery charger.
 - e. Completely digital electronics, with in-field program memory upgrade capability.
12. **System Composition.** Under Water Metal Detector System shall comprise of the following:

Ser	Description	Remarks
1.	Bone phone Fully water proof headphone	
2.	Bone phone with Extending Flexible Cable	
3.	Land headphone	
4.	Under water headphone	
5.	Arm saver used in conjunction with a loop and lower shaft	
6.	Lower shaft used in conjunction with Arm saver and loop.	
7.	Loop with stem fully water proof	
8.	Loop fully water proof	
9.	Loop fully waterproof large search loop complete with connector	
10.	Ferrite probe fully water proof used for searching for metal in small device and for digging amongst stilt and sand	
11.	Extending Handle used in conjunction with loop, fully extendable	
12.	Control Module the main item of the detector kit	

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13.	Battery Charger switch mode unit with 100v to 250v AC 50/60HZ input voltage range	
14.	Light weight plastic carry case	

13. **Spare Parts.** Original Equipment Manufacturer (OEM) recommended spares for 02 (two) year's trouble free operation are to be quoted showing item wise price.

14. **Backup Software.** The required software to run the system including operating system (OS) to be provided in CD/DVD format with installation instructions. Details to be mentioned.

15. **Local Training.** The manufacturer/ Local agent is to arrange onboard operation and maintenance training to a group of BN personnel for duration of 02 working days after necessary test/ trial and commissioning of the system.

16. **Warranty.**

a. 12 (Twelve) Months warranty for trouble free operation is to be provided by the supplier/ manufacturer for the item from the date of acceptance by the buyer. If any component of the supplied items becomes defective during the warranty period, the warranty shall be extended automatically (for relevant component) for the period of the subject component remains defective.

b. For warranty repair/ replacement, the supplier will collect the defective item from NSD, Chittagong/ NSSD, Dhaka (as applicable) and Replace the same to the respective unit within 90 days from the date of defect till warranty period remains valid at no cost to the purchasers.

17. **Technical Support.** Technical support is to be provided to solve any maintenance and operational problem arising with the item for a considerable period (To be mentioned). An assurance by the Bidder stating agreement in this respect is to be submitted with the offer.


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