

**TENDER SPECIFICATION OF BATTERY CHARGER**

1. **Name of Equipment** : Battery Charger.
2. **Purpose** : To charge Lead Acid battery/ batteries.
3. **Quantity** : 09 (Nine) complete sets.
4. **Type** : Portable.
5. **Brand** : To be mentioned.
6. **Model** : To be mentioned.
7. **Country of Origin** : To be mentioned.
8. **Country of Manufacture** : To be mentioned.
9. **Manufacturer** : Name and full address with e-mail of manufacturer to be mentioned.
10. **Supplier** : Name and full address with e-mail of local supplier to be mentioned.
11. **Year of Manufacturing** : 2026 or later.
12. **Qualification of Bidder.** Manufacturers of Battery Charger or their authorized distributor/ agent can submit quotations through their authorized local agent enlisted in NSSD Dhaka. In case of offer from foreign trading company/ distributor/ agent, certificate of dealership/ agency ship from Original Equipment Manufacturer (OEM) is to be submitted with the offer. In this regard the following certificates are to be submitted with the offer (if not OEM):
  - a. Authorization Certificate from OEM.
  - b. Supply Assurance Certificate.
13. **Manufacturer Requirement.** The item should be brand new, unused and of recent model, proven reliability in the field of operation. The supplier shall ensure the continuity of the operation and availability of necessary spares for at least 15 years each in case of obsolete model over time. In case of obsolescence of spare parts, the OEM is to propose appropriate/ alternate solutions to ensure handle free operation of the equipment for the said period.
14. **Condition for Acceptance of Quotation.** The quotation has to be supplied with required documents (booklets, leaflets, catalogues, brochures etc) with details about offered Battery Charger. If detailed information regarding specifications, manufacturer's manuals and catalogue for the quoted model of the Battery Charger, spare parts, accessories etc are not provided the quotation will not be accepted.
15. **Acceptance/ Rejection of Bid.** NSSD, Dhaka/ BN reserves the right to accept or reject any bid or to terminate the bidding process and reject all bids at any time prior to the award (without thereby incurring any liability to the PURCHASER).
16. **Classification/ Standard.** The offered items/ equipment under the scope of supply are to fulfil the requirement of IEC/ IMO or other equivalent internationally recognized standards for Battery Charger. The applicable classification standard(s) of offered items are to be mentioned and should be well supported by the certificates and OEM brochures.
17. **Scope of Supply.**
  - a. 09 X Complete sets of Battery Charger:
    - (1) 01 x 12V and 24V, 100A Battery Charger.
    - (2) 07 x 12V and 24V, 50A Battery Charger.
    - (3) 01 x 12V and 24V, 10A Battery Charger.
  - b. Standard Accessories.
  - c. Cables.



- d. Certifications and Reports.
- e. Manual and Documentations.
- f. Test/ Trial and Acceptance.

18. **Environmental Condition.**

- a. Ambient Operating Temperature : 5° C to + 55° C.
- b. Storage Temperature : To be mentioned.
- c. Relative Humidity : Up to 98 % non condensing.

19. **Technical Specification.** The technical specification of Battery Charger as follows but not limited to:

a. **12V and 24V, 100A Battery Charger.**

Ser	Description	Remarks
1.	Brand	To be mentioned
2.	Model	To be mentioned
3.	Quantity	01
4.	Type	Portable
5.	Input Rating	220V-240V, 50~60 Hz
6.	Power Consumption	To be mentioned
7.	Rated Charging Voltage	12V and 24V
8.	Facility to select charging voltage to be available	Knob/Switch/ To be mentioned
9.	Charging modes	Manual mode (The charger shall allow the user to manually select the charging voltage and adjust the charging current as required, to accommodate special battery types or non-standard charging conditions)
		Automatic mode (The charger shall automatically regulate the charging voltage and current throughout the charging cycle until the battery reaches full charge. Upon completion of full charge, the charger shall automatically switch to float mode, maintaining the battery at full charge without overcharging or damage)
10.	Voltmeter to view Charging Voltage to be available	Yes (To be mentioned)
11.	Rated Charging Current	100 A
12.	Facility to regulate charging current to be available	Knob/ To be mentioned
13.	Ammeter to view Charging Current to be available	Yes (To be mentioned)
14.	Indicator	Indication of charging, charging mode/stage, full charge, overload etc. is to be available (To be mentioned)
15.	Safety Protection	Reverse polarity, Over-current, Short-circuit, Over-temperature, Input fuse/MCB or more (To be mentioned)
16.	Number of charging outlets	2 or more (To be mentioned)
17.	Input AC Cables	Length
		Features
		Plug type
18.	Charging Cables	Length of each cable
		Quantity with each charger



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Ser	Description	Remarks
	Features	Highly insulated and flexible
	Rating (Must be suitable for the Charging Voltage and Current)	To be mentioned
	Clamp type	Removable fully insulated safety alligator clamps (To be mentioned)
19.	Ingress Protection	IP 22 or above (To be mentioned)
20.	Dimension	To be mentioned
21.	Weight	To be mentioned
22.	Carrying facility	To be mentioned

b. **12V and 24V, 50A Battery Charger.**

Ser	Description	Remarks
1.	Brand	To be mentioned
2.	Model	To be mentioned
3.	Quantity	07
4.	Type	Portable
5.	Input Rating	220V-240V, 50~60 Hz
6.	Power Consumption	To be mentioned
7.	Rated Charging Voltage	12V and 24V
8.	Facility to select charging voltage to be available	Knob/Switch/ To be mentioned
9.	Charging modes	Manual mode (The charger shall allow the user to manually select the charging voltage and adjust the charging current as required, to accommodate special battery types or non-standard charging conditions)
		Automatic mode (The charger shall automatically regulate the charging voltage and current throughout the charging cycle until the battery reaches full charge. Upon completion of full charge, the charger shall automatically switch to float mode, maintaining the battery at full charge without overcharging or damage)
10.	Voltmeter to view Charging Voltage to be available	Yes (To be mentioned)
11.	Rated Charging Current	50 A
12.	Facility to regulate charging current to be available	Knob/ To be mentioned
13.	Ammeter to view Charging Current to be available	Yes (To be mentioned)
14.	Indicator	Indication of charging, charging mode/stage, full charge, overload etc. is to be available (To be mentioned)
15.	Safety Protection	Reverse polarity, Over-current, Short-circuit, Over-temperature, Input fuse/MCB or more (To be mentioned)
16.	Number of charging outlets	2 or more (To be mentioned)
17.	Input AC Cables	Length
		Features
		Plug type
18.	Charging Cables	Length of each cable
		Quantity with each charger
		Features
	Rating (Must be suitable for the	To be mentioned

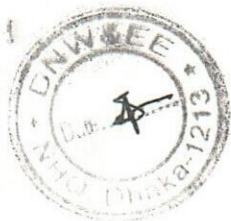


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Ser	Description	Remarks
	Charging Voltage and Current) Clamp type	Removable fully insulated safety alligator clamps (To be mentioned)
19.	Ingress Protection	IP 22 or above (To be mentioned)
20.	Dimension	To be mentioned
21.	Weight	To be mentioned
22.	Carrying facility	To be mentioned

c. **12V and 24V, 10A Battery Charger.**

Ser	Description	Remarks
1.	Brand	To be mentioned
2.	Model	To be mentioned
3.	Quantity	01
4.	Type	Portable
5.	Input Rating	220V-240V, 50~60 Hz
6.	Power Consumption	To be mentioned
7.	Rated Charging Voltage	12V and 24V
8.	Facility to select charging voltage to be available	Knob/Switch/ To be mentioned
9.	Charging modes	Manual mode (The charger shall allow the user to manually select the charging voltage and adjust the charging current as required, to accommodate special battery types or non-standard charging conditions)
		Automatic mode (The charger shall automatically regulate the charging voltage and current throughout the charging cycle until the battery reaches full charge. Upon completion of full charge, the charger shall automatically switch to float mode, maintaining the battery at full charge without overcharging or damage)
10.	Voltmeter to view Charging Voltage	To be mentioned
11.	Rated Charging Current	10A
12.	Facility to regulate charging current	Knob/ To be mentioned
13.	Ammeter to view Charging Voltage	To be mentioned
14.	Indicator	Indication of charging, charging mode/stage, full charge, overload etc. (To be mentioned)
15.	Safety Protection	Reverse polarity, Over-current, Short-circuit, Over-temperature, Input fuse/MCB or more (To be mentioned)
16.	Number of charging outlets	To be mentioned
17.	Input AC Cables	Length
		Features
		Plug type
18.	Charging Cables	Length of each cable
		Quantity with each charger
		Features
		Rating (Must be suitable for the Charging Voltage and Current)
		Clamp type
19.	Ingress Protection	IP 22 or above (To be mentioned)



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Ser	Description	Remarks
		mentioned)
20.	Dimension	To be mentioned
21.	Weight	To be mentioned
22.	Carrying facility	To be mentioned

20. **Standard Accessories.** Standard accessories must include every item and accessories, which are essential to make the offered system operational, whether those are mentioned in the specification or not are to be supplied by the supplier/ bidder within the scope of the supply. Any such accessories, kit and items associated to operate the said equipment in full functionality are to be mentioned clearly with purpose and submit with the offer mentioning item wise price.

21. **Certificate and Reports.**

a. Following certificates and reports are to be provided in English for the offered item including associated equipment/ accessories **with the offer**:

- (1) Authorization Certificate by the OEM (if the bidder is not OEM).
- (2) Authorized Distributor Certificate (if the bidder is not OEM).
- (3) Guarantee (for supply of spares for 5 years at a reasonable price) Certificate.
- (4) Warranty Certificate (as per para 29.a and 29.b).
- (5) After Sales Service Support Certificate (mentioning availability of after sales service support to solve any operational and maintenance/repair issues at buyer's expense after warranty period, duration to be proposed).

b. Following certificates and reports are to be provided in English for the offered item including associated equipment/ accessories **during delivery**:

- (1) 'Quality Assurance Certificate' for each item and their associated equipment and instrument from OEM is to be provided.
- (2) Certificate of Genuine Product and Brand –New Item.
- (3) Guarantee (as per para 22.a.3) and Warranty (as per para 29.a and 29.b) Certificates.
- (4) After Sales Service Support Certificate.

22. **Manual/ Documentation.** 01 (One) set of following documents and manuals in English are to be provided **at free of cost** at the time of delivery:

- a. Operating and maintenance Manual.
- b. Technical Manual with Circuit Diagram.
- c. Parts Catalogue.

23. **Test, Trial and Acceptance.**

a. The supplier's representative will ensure satisfactory tests, trial and functioning/ commissioning of the equipment at purchaser's premises.

b. On completion of satisfactory Test/ Trial and commissioning, an acceptance certificate will be issued by BN.

c. Final acceptance shall be given by ACINS/CINS.

24. **Technical Support.** Technical support is to be provided to solve any maintenance and operation related problem arising within the warranty period. An written assurance by the Bidder in this respect is to be submitted with the offer.

25. **Delivery.**

a. **Delivery Time.** The items will be delivered within **06 (Six)** months after signing the contract.



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- b. **Place of Delivery:** NSD, Chattogram/ NSD, Khulna.
- c. In case of CFR/ CPT, the supplier will carry the items from the sea port/ air port (as applicable) to NSD, Chattogram/ NSD, Khulna at the cost and risk of supplier.

26. **Shipment.**

- a. **Source of Supply.** To be mentioned.
- b. **Port of Shipment:** To be mentioned.
- c. **Consignee.** The supplied item will be the following consignee:

The Commanding Officer Naval Stores Depot New Mooring, Chattogram, Bangladesh BIN-002349278-0503	or	Officer In Charge Naval Stores Sub Depot Dhaka Naval Unit Khilkhet Namapara, Dhaka-1229, Bangladesh
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- d. All items are to be brand new and to be delivered in seaworthy packing to ensure safe transit by sea. Certificates in this regard are to be provided during delivery.
- e. All packages are to have packing notes showing their contents in detail and all packages will be marked with the name and address of the consignee and gross weight.

27. **Brochure/ Booklet.** 01 (One) set of original coloured brochures/ booklets in English having details technical information including pictures of different parts of the equipment, system connection diagram etc, about the quoted item is to be provided along with the offer.

28. **Warranty.**

- a. 12 (Twelve) Months warranty for trouble free operation is to be provided by the 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 overall warranty shall be extended automatically 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 re-supply the same to collecting place after warranty repair or for replacement within 90 (ninety) days from the date of defect at no cost to the purchaser.

29. **Validity.** The offer shall remain valid till 30 June 2026.

30. **Price.** If the item is imported against this tender, price to be quoted without import duties.

31. **Terms of Payment.** 100% Payment will be made in local currency after final acceptance by BN.

32. **Compliance Statement.** A clear and complete compliance statement of the tender supported by the product catalogue and Brochure with necessary specification and drawing/ diagram is to be submitted for evaluation of the quotation. Incomplete compliance statement will attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered item practically, the deviation has to be spelt out clearly.

*[Signature]*  
29.3.26  
SYED ASHRAFUZZAMAN  
Lt Commander BN  
Staff Officer (Electrical)  
Member Secy  
Director of Naval Weapons  
and Electrical Engineering  
NHQ, Banani, Dhaka-1213

*[Signature]*  
20.03.26  
HASAN AL ASHRAF  
Lt Commander BN  
Staff Officer (NS-2)  
Naval Headquarters  
Banani, Dhaka-1213

*[Signature]*  
29/03/2026  
KAISER MAHMUD  
Lt Commander BN  
Staff Officer (Plans-II)  
Naval Headquarters  
Banani, Dhaka-1213

*[Signature]*  
MD SHAHRIAR ALAM  
Captain  
Member  
Director of Naval Armament  
Inspection and Supply  
NHQ, Banani, Dhaka-1213  
29.03.26

*[Signature]*  
29/03/26  
A K M FARUQUL QADIR  
Captain BN  
Member  
Director of Naval Info & Tech  
Naval Headquarters  
Banani, Dhaka-1213

*[Signature]*  
29/03/26  
S M MIANUZZAMAN  
Commodore BN  
Member  
Director of Naval Weapons  
and Electrical Engineering  
NHQ, Banani, Dhaka-1213

*[Signature]*  
29/03/26  
MD SHAHIDULAH AL FARUQ  
President  
Commodore BN  
Director of Naval Engineering  
Naval Headquarters  
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