

Spec Code: Clo/2025-2026/039

TENDER SPECIFICATION: SHOE MOCCASIN OFFICER

Specification Item and Quantity

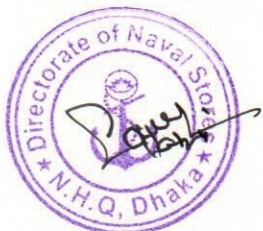
1. **Name of Item.** Shoe Moccasin Officer.
2. **Colour.** Black & Brown (As per approved sample).
3. **Quantity.** Quantity per size is mentioned below.

Sizes	Quantity (Pairs)		
	Black	Brown	Total
39	20	20	40
40	20	20	40
41	140	140	280
42	400	400	800
43	240	240	480
44	140	140	280
45	25	25	50
46	10	10	20
47	03	03	06
48	02	02	04
Total			2,000

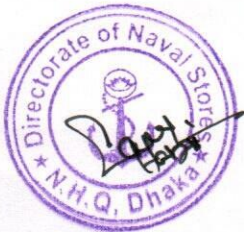
4. **Country of Manufacturer:** Bangladesh.
5. **Name of Manufacturing Company.** To be mentioned.
6. **Design & Outlook.** As per approved sample.
7. **Weight of Shoe (per pair) (Size: 8).** To be mentioned.
8. **Type of Shoe.** Oxford design (As per approved sample).
9. **Logo.** Manufacturer/Brand logo under the sole must be transparent & clear. Grinding logo is not acceptable.
10. **Shoe Upper.**
 - a. **Material.** Cow Aniline Black & Brown leather (As Per approved sample).
 - b. **Thickness at L/R:** 1.3 - 1.4 mm.
 - c. **Color.** Black & Brown.
 - c. **Tensile Strength (Method: STARA TM 43).** 120 kg/square cm.
 - d. **Tear Strength of Leather (Method: SATRA TM 30).** \geq 4.8 kg.
 - e. **Bally Flex (Method: ISO 5402-1).** Max Dry 3,00,000 Cycle. No cracklings.
 - f. **Vapour Permeability Test:** 0.9 mg per square cm per hour.



- g. **Color Fastness to Rubbing (Method: SATRA TM 173 (50/20 Cycles)).** Dry: 4; Wet: 3
- h. **Quality of Upper Material.**
- a. Color, finishing and shade must be as per approved sample.
- b. Upper material should be smooth finished and no defect should be visible.
11. **Shoe Lining.**
- a. **Material.** Goat/Sheep lining grain side of the leather (As per approved sample).
- b. **Thickness.** 0.7mm – 0.9 mm (As per approved sample).
- c. **Color.** Dark Gray
- d. **Tear Strength (Method: SATRA TM162).** ≥ 2.5 kg.
- e. **Martindale Abrasion (Method: SATRA TM 31).** Dry: 25,600 cycles. No holes through the full thickness of the leather. Moderate damage is allowed.
12. **Outsole Specification.**
- a. **Material.** Thermoplastic rubber or TPR (Virgin).
- b. **Hardness (Method: SATRA TM 205).** 60 ± 5 (Shore A).
- c. **DIN Abrasion Resistance (Method: SATRA TM 174).** ≤ 250 (Volume loss mm^3).
- d. **Static Skid Resistance (Method: SATRA TM 144).** Dry: 0.5, Wet: 0.3 (CoF), Dry & Wet Clay Tiles.
- e. **Bennwart Sole Flex (Method: SATRA TM161).** After 50,000 Cycles no damage & Cut growth ≤ 6 mm.
- f. **Sole and Heel Measurement.**
- (1) **Heel height.** 25 mm. (2). **Heel length.** 85 mm. (3). **Toe height.** 7 mm.
13. **Material of insole.**
- (1) **Cellulose Board.** 2 mm with insole filler comfort EVA.
- (2) **Shank Board.** 2 mm.
- (3) **Shank Material.** Steel Shank.
14. **Insocks.**
- a. **Socks (Suktala).** Goat/ Sheep Lining (0.7 – 0.9 mm).
- b. **Socks Padding.** PU Footbed. Thickness: Heel part-6 mm & Fore part-3.5 mm.



15. **Test Related to whole shoe.**
- Sole bond peel strength (Method: SATRA TM 411).** ≤ 3.0 kg/cm.
 - Whole shoe Flexing (method: SATRA 92).** No Damage at outsole & no Bond opening after 1,00,000 Flexes.
16. **Other Materials.**
- Stiffener.** hermoplastic 1.2 mm.
 - Toe puff material:** Thermoplastic 0.8 mm.
 - Tongue lining.** Same as shoe lining as per approved sample.
 - Heel Grip.** Flash side of shoe lining.
17. **Stitching /Sewing.**
- Material of sewing Thread.** Polyester thread with very good stitching resistance.
 - Color.** DTM (Dye to Match).
 - SPI (Stitch per inch).** 8 – 10 Stitches/ Inch.
18. **Chemical Test.** Applicable for both lining and upper.
- Formaldehyde Content (Method: EN 17226-1/EN ISO 17226-2).** 75 ppm.
 - Chromium(VI) Content (Method: EN ISO 17075-1/EN ISO 17075-2).** 3 ppm.
 - Moisture Content (Method: EN ISO 4684.2005).** Max 20%.
19. **Eyelets:** 5 (five) in number eyelets is to be fixed on both sides at equal distance with blind eyelets.
- Material.** Metal/ Steel. b. **Size.** 4 mm. c. **Color.** As per approved sample.
 - Corrosion Resistance (Method: SATRA TM 310, Method 2: Salt Water corrosion).** Nickel spot test is recommended for metal with direct & prolong skin contact (CEN-TR 12471)
20. **Laces.** 01 pair laces to be provided with each pair of shoe. Tips of the laces, at the end should be round shaped with transparent plastic tips (As per approved sample).
- Material.** Wax finished shoe laces made of cotton on the upper for a secure grip and a polyester inner layer for improved durability.
 - Length of laces.** 70 ± 2 cm (Up to size-42) & 73 ± 2 cm (Above size- 42). As per approved sample.
 - Lace to lace abrasion.** No damage after 5000 cycles.



- d. **Breaking strength (Method: SATRA TM 94).** 40 ± 5 Kg.
21. **Sole Attaching Adhesive.** Damp proof adhesive of good quality to be used.
22. **Bending Tolerance.** Supplier is to mention maximum bending tolerance that each shoe will withstand.
23. **Fitting.** Need proper fitting with good design. Recommended to provide design documents.

Delivery Requirements:

24. **Packaging**
- Each pair of shoe is to be packed into laminated carton box wrapped with wrapping paper.
 - 18 pairs of shoe of same size are to be packed into a carton.
25. **Marking.** Each shoe and carton is to be marked as follows:
- Shoe.** Following marks are to be printed with indelible ink on insole.
 - Shoe size
 - Supplier's name
 - Production month and year
 - Unit price
 - Bangladesh Navy.
 - Sole.** Firm's name and shoe size.
 - Carton.** Following marks are to be endorsed on each cartoon with indelible ink:
 - Name of Item.
 - Contract No. and date.
 - Consignee's address.
 - Supplier's address.
 - Size and pairs of shoe in each carton.
 - Endorsement of ACINS as to inspection and acceptance (ACINS will make endorsement after inspection and acceptance).

26. **Delivery**

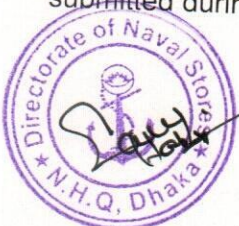
Place of Delivery. The supplier will arrange shipment of the item to Chattogram. Consignee address is as follows:

The Commanding Officer
Naval Stores Depot (NSD)
New Mooring, Chattogram, Bangladesh

27. **Delivery Schedule.** Shoes are to be delivered at supplier's cost and risk to consignee as per following delivery schedule:

Consignee	Installment	Delivery time after signing the contract	Qty
CO NSD Ctg	01 (One)	180 Days	2,000

28. **Factory/Manufacturer Certificate.** Relevant Factory/Manufacturer Certificate is to be submitted during submission of tender offer.



29. **Warranty Certificate.** Supplier is to give warranty certificate along with each consignment on letter head pad which should clearly fulfill following requirements:

- a. 24 (Twenty four) months shelf life against material and colour i.e. colour and material quality will remain unchanged for 24 months in normal storage condition. If the colour becomes faded or material condition deteriorates or any defective shoe is detected at any time during the warranty period then supplier is to replace defective shoe free of cost to the buyer.
- b. Warranty should be effective from the date of acceptance.

30. **Quality Assurance Certificate.** Quality assurance certificate from the manufacturer should be given with each consignment.

31. **Inspection by ACNIS.**

a. After Completion of Production ACINS will inspect and test Product on factory premises as follows:

- (1) Quality of material.
- (2) Quantity.
- (3) Design and outlook.
- (4) Laboratory test (as required) to examine compatibility of material of Product with contract specification.

d. Supplier will bear following cost during inspection:

- (1) Product used for test.
- (2) Laboratory testing charge, if any.
- (3) Labour cost, if any.

32. **Inspection by Consignee.** At the time of delivery consignee will inspect the following:

- (a) Packaging.
- (b) Marking.
- (c) Quantity.
- (d) Endorsement of ACINS as to inspection and acceptance.

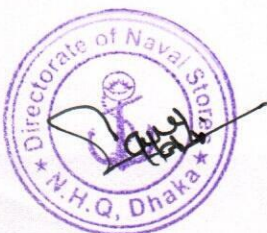
33. **Evaluation of Offers.** For the purpose of acceptance, tender offer(s) will be evaluated on the basis of:

- a. Quality of item.
- b. Material test in laboratory (as required) to examine compatibility of supplier's sample with specification.
- c. Bending Tolerance.
- d. Physical test as to comfort/ease of use.
- e. Price.

34. **Supplier Service and Responsiveness.** Supplier must reply to buyer's query within 03 days of raising the query.

35. **Payment.** Payment will be made in BDT as per BN regulations.

36. **Liquidated Damage (LD).** LD will apply as per BN regulations.



37. **Sample Submission.**

- a. Bidder is to submit 04 pairs (Size -43) of shoe Moccasin Officer along with tender offer as sample. Shoe will be used for test and non- returnable.
- a. Supplier must provide the certificate for the manufacturer that the sample submitted is produced by the manufacturer in their own factory. They will supply the ordered item from the same manufacturer who produced the sample.

38. **Validity of Offer Required.** Tender offer must be valid for 180 days from the date opening tender.

39. **Price Quotation.** Price is to be quoted in BDT as follows:

Item	Deno	Qty	Unit Price (Taka)	Total Price (Taka)
Shoe Moccasin Officer	Prs	2,000		

40. **Compliance.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere Yes or No will not suffice and detailed description/information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered Shoe Moccasin Officer. The deviation has to be spelt out clearly.


M SARWAR HABIB
Lt Commander BN
Staff Officer (NS-2)
Naval Headquarters
Banani, Dhaka-1213