

TENDER SPECIFICATION OF INFUSION PUMP
BNS UPASHAM, PATENGA & SHER-E-BANGLA

1. **Name of Equipment:** INFUSION PUMP.
2. **Purpose:** To be used in ICU/OT/Post OP Ward.
3. **Quantity:** 10 (Ten) complete sets.
4. **Make/Model:** To be mentioned.
5. **Brand:** To be mentioned.
6. **Name of Manufacture:** Name and full address of manufacture is to be mentioned.
7. **Country of Origin:** USA/ Canada/ UK/ EU/ Japan/ Australia/ South Korea.
8. **Manufacturing Country:** USA/ Canada/ UK/ EU/ Japan/ Australia/ South Korea.
9. **Port of Shipment:** To be mentioned.
10. **Qualification of Bidders:** Bidders must be enlisted NSSD Dhaka.
11. **Year of Manufacture:** From 2021 to 2023.
12. **Source of Supply:** Bidders/Supplier is to be mention the name address and contact details of original source from where goods would be imported.
13. **Price without import duties:** Quoted prise is to exclude all import duties as those will be consigned against BN.
14. **Ambient Condition:** The **Infusion Pump** will be operated and maintained in the following ambient conditions:

a.	Ambient air temperature	5°C - 45°C
b.	Relative humidity	Up to 95%

15. **Scope of Supply:** 10 (Ten) complete sets of **Infusion Pump** will have to be supplied with all attachments, accessories etc and complete in all respect for immediate operation.

16. **Technical Features/ Facilities:**

a.	Flow rate range: 0.01-99.99 ml/h in 0.01 ml/h steps, 100.0-999.9ml/h, in 0.1ml/h steps, 1000-2200ml/h in 1 ml/h steps.
b.	Mechanical accuracy : $\pm 1\%$
c.	Volumetric accuracy with approved syringe: + 2% or + 0.1ml/h whichever in greater.
d.	Compatible syringes, ml : 2/3, 5,10,20,30 and 50/60ml of all major brands.
e.	Built-in battery for 10 hours at 5ml /h.
f.	Dose units: g,mg,mcg,ng Units, kUnits, McUnits, mol, mmol, mcmol, mEq and other configured by the medical personnel.
g.	Advance Syringe Pump Ease to use and Reliability
h.	Accepts syringes from 2/3 to 60ml, customized drug library (upto 300 drug labels)
j.	High visible pump status indicator, Easy intuitive programming and operation. Automatic capturing of syringe plunger, Improved alarm singals, Graphic LCD dislay, Range range from 0.01 to 2200ml/h.
k.	Power Supply: 110/220VAC, 50/60 Hz, Single Phase

17. **Standard Accessories:** Standard accessories must include all items and accessories with Brand, Model and Country of Origin including following which are required for installation and operation the Infusion Pump whether those are mentioned in the specification or not. A list of such items/accessories is to be provided with the quotation indicating item wise price separately.

13

18. **Publication:** Following brochure/catalogue in English language showing detailed particulars of the quoted items should be supplied along with the offer.
- Operation manual – 03 copies (1 x Original & 2 x Photocopies).
 - Repair/maintenance/service manual including detail circuit/schematic diagram-03 copies (1x Original & 2 Photocopies).
 - Parts Catalogue/Master Parts list – 03 copies (1x Original & 2 Photocopies).
19. **Local Training:** The supplier will arrange following training at **BNS UPASHAM, PATENGA & SHER-E-BANGLA** free of cost:
- Operational Training: 02 x Operator for 02 weeks.
 - Repair/Maintenance Training: 02 x EM Tech (01x Navy & 01x Civ) for 02 week.
20. **Publication:** Following brochure/catalogue in English language showing detailed particulars of the quoted items should be supplied along with the offer:
- Operation manual – 03 copies (1 x Original & 2 x Photocopies).
 - Repair/maintenance/service manual including detail circuit/schematic diagram-03 copies (1x Original & 2 Photocopies).
 - Parts Catalogue/Master Parts list – 03 copies (1x Original & 2 Photocopies).
21. **Spare Parts:** Adequate number of fast moving spare parts and other recommended spare parts required for 5 years operation are to be quoted indicating item wise price, from which buyer will select as per requirement. The supplier should provide guarantee for supplying spare parts for a minimum period of 10 years.
22. **After sales service:** The supplier should have requisite after sales service facilities at home to render necessary service as and when required by BN. Necessary agreement will be signed if required. Supplier shall mention details of workshop and service engineer. The supplier should provide guarantee for after sales service for a minimum period of 10 years.
23. **Warranty/Guarantee:**
- The supplier must ensure that all items are new and unused. The supplier must provide warranty at least for 01 (one) year from the date of acceptance of the item(s) after satisfactory inspection, test, trial etc as applicable. If any defect/discrepancy of any item arises within the period of warranty, the specific period from the date of notification of the defect/ discrepancy to the supplier up to the date of rectification of defect/resolve of discrepancy will have to be deducted from the warranty period for that particular item(s).
 - If any defect/discrepancy arises, within warranty period, then the respective item(s) is/are to be replaced free of cost including freight within 03 (three) months from the date of notification of the same to the supplier. In this regard, the supplier must furnish an undertaking with the offer by stating, "I do hereby assure that we take the liability to replace all spare parts/item(s) free of cost including freight within three months from the date of notification about the defect/discrepancy of the spare parts/item(s) by the buyer, if it occurs within the period of warranty".
24. **Test Trial and Acceptance:** The supplier will carry out free of cost installation, test and trial of the supplied machine in presence of the buyer's representative. The acceptance of the supplied items will be carried out by the buyer at **BNS PATENGA, UPASHAM & SHER-E-BANGLA** where the suppliers representative may be present if they feel so. After the satisfactory test/trial the acceptance certificate will be given by the **CINS NSD Chhattogram & ACINS Khulna**.
25. **Delivery:** The supplied items are to be delivered within 03 (Three) months from date of signing. Contact to **the Commanding NSD Chhattogram & OIC NSD Khulna**.
26. **Validity:** Up to 30 June 2024.



27. **Certificate/Document of Authentication:** The local supplier must provide following original certificate(s)/document(s) with the offer/quotation to ascertain the genuinity of source and item(s) in order to establish chain of links from the original source to supply items:

- One certificate/document by the manufacturer in favour of the supplier (in case of manufacturer as direct source (original)).
- FDA/CE/JIS must e submitted with offer (original).

28. **Users List:** List of user in Bangladesh of the quoted machine is to be provided along with the offer.

29. **Terms of Payment:** 100% payment will be made after satisfactory test, trial and acceptance by BN in local currency.

30. **Condition for Acceptance of Quotation:** Quotation has to have supporting documents (booklets, leaflets, catalogues, brochures, etc) having detailed particulars of the offered **Infusion Pump**. The quotation will not be accepted if detailed information regarding specifications, maker's books and catalogue about the same model of the quoted item, list of spare parts, accessories, etc are not provided.

31. **Compliance Statement:** A compliance statement fulfilling all requirements of the tender is to be submitted for evaluation of the quotations. Stating mere 'yes' or 'No' will not suffice and detailed descriptions/information as required are to be given. An incompliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with the offered **Infusion Pump**, the deviation has to be spelt out clearly.

Balman 12.10.23
A H M HABIBUR RAHMAN
Surg Cdr BN
DDMS (Navy)
Member Secy
Dt.

[Signature] 12.10.23
M NADIM CHOWDHURY SAZIB
DNT(Rep)
Member
Dt.
Naval Headquarters
Banani, Dhaka-1213

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M FAHIM KABIR
DNO(Rep)
Member
Dt.
Naval Headquarters
Banani, Dhaka-1213

us 12.10.23
MD MAHMOUD HASAN
DNT(Rep)
Member
Dt.
Naval Headquarters
Banani, Dhaka-1213

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এম এম কাদের
ক্যাপ্টেন সিএম
পরিচালক টেকনিক্যাল স্টোরস
মৌসুমী, ঢাকা-১২১৩
Dt. 15-10-23

[Signature] 15/10/23
M GOLAM HOSSAIN
Commodore BN
Director of Naval Stores
DNT
Member
Dt.
Naval Headquarters
Banani, Dhaka-1213

[Signature] 15/10/23
DMS (Navy)
President
Dt.
Naval Headquarters
Banani, Dhaka-1213