

**TENDER SPECIFICATION OF DECONTAMINATION MATERIAL FOR CHEMICAL DISASTER RESPONSE TEAM (CDRT) (QTY: 07 LINE ITEMS)**

1. **Name of the Items** : Decontamination Material For CDRT (Qty: 07 Line Items).
  - a. Multifunctional Decontamination System or Equivalent
  - b. Decontamination Showers/ Sprayer or Equivalent
  - c. Reactive Skin Decontamination Lotion (RSDL) or Equivalent
  - d. Fast-Act or Equivalent
  - e. BX-24 or Equivalent
  - f. Atropine and Paralidoxime Chloride Auto Injector or Equivalent
  - g. Sampling Kit or Equivalent
  
2. **Purpose.**
  - a. Response to Emergency Involving Chemical Warfare Agent.
  - b. Reducing further possible agent exposure and further effects among victims.
  - c. Protect emergency responders and medical personnel from secondary transfer exposures.
  
3. **Description & Quantity.** (As follows:)

Ser	Description of the items	Quantity
1.	Multifunctional Decontamination System or Equivalent	01 Set
2.	Decontamination Showers/ Sprayer or Equivalent	02 in nos
3.	Reactive Skin Decontaminantion Lotion (RSDL) or Equivalent	10 in nos
4.	Fast-Act or Equivalent	10 in nos
5.	BX-24 or Equivalent	10 in nos
6.	Atropine and Paralidoxime Chloride Auto Injector or Equivalent	10 in nos
7.	Sampling Kit or Equivalent	05 in nos



4. **Year of Manufacture.** : 2023 or later.
5. **Name of Manufacturer.** : Name and full address including e-mail to be mentioned.
6. **Manufacturer Website.** : To be mentioned.
7. **Country of Origin.** : USA, UK, Australia, Germany, Canada, Denmark, France, Finland, Italy, Japan, Netherland, Norway, Spain, Switzerland, Sweden, Austria, Brazil, Singapore, South Africa, South Korea, Turkiye and Bulgaria.
8. **Manufacturing Country.** : USA, UK, Australia, Germany, Canada, Denmark, France, Finland, Italy, Japan, Netherland, Norway, Spain, Switzerland, Sweden, Austria, Brazil, Singapore, South Africa, South Korea, Turkiye and Bulgaria.

9. Qualification of Bidder.

a. Only an original Manufacturer (the Manufacturer) or an authorized dealer on their behalf, can submit quotation through their authorized agent (i.e. the Bidder) in Bangladesh. Offers from multiple manufactures might be allowed from such an authorized agent in Bangladesh.

b. Certificate/ Document of Authentication. The Bidder must provide following original certificate(s)/document(s) with the offer to authenticate genuineness of source and items(s) in order to establish chain of links from the original Manufacturer to the Bidder:

(1) 01(One) in on certificates/documents by the Manufacturer in favor of the Bidder (in case of Manufacturer as the Direct Source).

(2) 02 (Two) in on Certificates/documents, 1<sup>st</sup> one by the Manufacturer to Authorized Agent and 2<sup>nd</sup> one by the Authorized Agent to the Bidder (in case of Manufacturer's Authorized Agent/ Seller as the Immediate Source).

(3) 03 (Three) in on Certificates/documents, 1<sup>st</sup> one by the Manufacturer to Authorized Agent and 2<sup>nd</sup> one by the Authorized Agent to Sub- Agent/ Seller and 3<sup>rd</sup> one by the Sub- Agent /Seller to the Bidder (in case Sub-Agent /Seller as the Immediate Source).

c. Export License. Obtaining 'Export License' for the sale of Decontamination Material for CDRT will be the responsibility of the Bidder (BN will provide 'End User Certificate'). The Bidder must mention this clearly in offer- except which the offer will be deemed incomplete and disqualified.

10. Technical Specification.

a. Multifunctional Decontamination System or Equivalent.

- (1) Nomenclature : Multifunctional Decontamination System/To be mentioned.
- (2) Brand Name : To be mentioned.
- (3) Model : To be mentioned.
- (4) General Description : Versatile for Multiple Events, Its includes Rehab, Triage, Command, Isolation/ Infection Control, Surge Capacity, Sleeping Quarters, Morgue, Community Events, Additional Field Workspace for Non Ambulatory person.
- (5) Key Application :
  - i. Designed for emergency use
  - ii. Rapid Inflation
  - iii. Full Interoperability
  - iv. Easy to re-position after deployment
  - v. Easy to set-up in any weather condition
  - vi. Pre-assembled
- (6) Available Accessories Include:
  - i. Pre-installed LED light systems
  - ii. Connector doors, Windows, Identification panels
  - iii. Storage carts
  - iv. Heaters, Air Conditioning and Electrical distribution



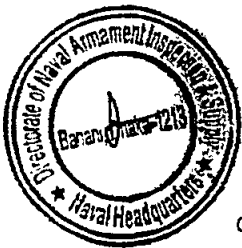
*(Handwritten mark)*

CONFIDENTIAL

- (7) Length : 21 Ft ( $\pm 1$  Ft)
- (8) Width (internal) : 14.8 Ft ( $\pm 1$  Ft)
- (9) Width (external) : 16.5 Ft ( $\pm 1$  Ft)
- (10) Height (internal) : 8 Ft ( $\pm 0.5$  Ft)
- (11) Height (external) : 8.7 Ft ( $\pm 0.5$  Ft)
- (12) Floor Area : 311Sq. Ft ( $\pm 5$ Sq. Ft)
- (13) Weight : 230 Lbs ( $\pm 10$  Lbs)
- (14) Stored Size : 48" x 22" x 22" /To be mentioned.
- (15) Anchor Points : To be mentioned.
- (16) Set-up Time / Blower : 4 Minutes ( $\pm 30$  Seconds)
- (17) Set-up Time / Air Bottle: 50 Seconds ( $\pm 10$  Seconds)
- (18) Wind Resistance : 60 Mph ( $\pm 10$  Mph).

b. Decontamination Shower/ Sprayer or Equivalent

- (1) Nomenclature : Decontamination Shower/Sprayer/ To be mentioned.
- (2) Brand Name : To be mentioned.
- (3) Model : To be mentioned.
- (4) General Description : Light weight showers used for decontamination of chemicals. Water is admitted to the apparatus and the hoses become rigid under pressure adopting the curved form as seen in the illustrations
- (5) Key Application : Decontamination sprayer used for decontaminating protective clothing, equipment or personnel
- (6) Operating Pressure : 6 bar Min.
- (7) Weight : To be mentioned.
- (8) Height : To be mentioned.
- (9) Diameter : To be mentioned.
- (10) Standard Tools and Accessories: : To be mentioned.



c. Reactive Skin Decontamination Lotion (RSDL) or Equivalent.

- (1) Nomenclature : Reactive Skin Decontamination Lotion (RSDL)/To be mentioned.
- (2) Decontamination : Chemical, Chemical Warfare Agents (Tabun, Sarin, Soman, Cyclohexyl sarin, VR, VX and Mustard gas)/To be mentioned.
- (3) Chemical Defense Therapeutic Area(s): RSDL is used as a medical device for the decontamination of skin exposed to chemical warfare agents such as sulphur mustard, VX, Sarin, Soman, Lewisites and some biological toxins. This reaction starts immediately and neutralization is usually complete within two minutes.
- (4) Storage Information : To be mentioned.

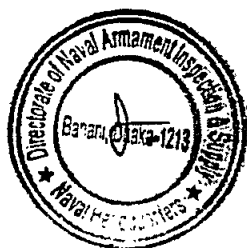
A handwritten signature or set of initials, possibly 'D', written in dark ink.

d. FAST-ACT or Equivalent.

- (1) Nomenclature : FAST-ACT/ To be mentioned.
- (2) Decontamination : First Applied Sorbent Treatment against Chemical Threats is the only chemical hazard containment and neutralization system for liquid and vapor chemical spills and releases.
- (3) General Description : i. Powder Bottle Pack.  
 ii. Two 50g puffer bottles of powder/ To be mentioned.  
 iii. Allows for chemical decontamination of surfaces as well as small and intricate items quickly and easily.  
 iv. Effective against vapour and chemical hazards.  
 v. Safe and non-toxic, non-corrosive and non-flammable leaving a safe residue.  
 vi. Innovative dry powder formulation using nano crystal technology.  
 vii. Easy to carry and operate portable delivery systems with no premixing and minimum training required

e. BX-24 Decontaminator/ Detoxicator or Equivalent.

- (1) Nomenclature : CBRN Decontamination/Detoxification Product/ To be mentioned.
- (2) Detection Category : Chemical, Biological, Radiological/ Nuclear.
- (3) Application : Decontamination.
- (4) Equipment Type : Decontamination.
- (5) Product Synopsis : i. One powder product for emulsion solution.  
 ii. Used to neutralize chemical, biological, radiologic agents. Used in sanijet C 921 and sanije tgun lance, in other cristinani systems or independently.  
 iii. Provides Chemical, Biological, Radiological and Nuclear (CBRN) decontamination solutions for military equipment, personnel, infrastructure, and terrain as a whole thorough decontamination system.
- (6) Availability : Commercially Available.

f. Atropine and Paralidoxime Chloride Auto Injector or Equivalent.

- (1) Nomenclature : Atropine and Paralidoxime chloride Auto Injector/ To be mentioned.
- (2) Decontamination : Toxic Chemical.
- (3) Application : Antidote.
- (4) Container Type : Auto Injector.
- (5) Dosage Form : Injection.
- (6) Generic Drug Name : Atropine and Paralidoxime Chloride Injection.
- (7) Type : Intramuscular.
- (8) Strength : 2.1mg/600mg.
- (9) Volume : 0.7ml/2ml.

g. **Sampling Kit or Equivalent.**

- (1) Nomenclature : CDRT/ CBRN Transport Case Sampling Kit/To be mentioned.
- (2) Detection Category : Chemical; Biological; Radiological/Nuclear; Explosives
- (3) Application : Sample Collection.
- (4) General Description : This sampling kit is a three-wheeled cart features a disposable cart to simplify decontamination efforts. It includes tools for sampling for over 10 chemical warfare-related compounds, toxic industrial chemicals (TICS), and toxic industrial material (TIMS) and tools for collecting biological samples. Enough individually packaged supplies are included to collect nine chemical, nine biological, six radiological, and three explosive samples. Individual kit items are available for purchase.

11. **Environmental Condition of Storing.**

- a. Ambient Temperature : 15°C to 30°C.
- b. Relative Humidity : 60% to 70%.

12. **Environmental Condition of Operation.**

- a. Operating Temperature : 0°C to 50°C.
- b. Relative Humidity : Up to 98%.

13. **Packing Details.** All items are to be packed in hermetically sealed condition and standard sea/ air worthy packing. Material and size of box, number of item per box, weight per box etc. are to be mentioned in the offer.

14. **Brochure/Catalogue.** 01 (One) copy of product brochure/catalogue in English are to be provided with the offer for evaluation of tender.

15. **Manuals.** Following manuals and documents (in English) are to be provided with the Decontamination Material for CDRT free of cost:

- a. 02 (two) Sets of Operating Manual in English (Complete Procedure).
- b. Technical/ Repair/ Service Manual in English.
- c. Illustrated Parts Catalogue in English.
- d. Any other essential document necessary for safe and easy operation and maintenance of equipment.



16. **Training.** After completion of satisfactory test/trial acceptance, the manufacturer expert will provide online practical training to CDRT staff under arrangement of supplier.

17. **Warranty.**

- a. Warranty is to be given for 01 year from the date of final acceptance by BN. If any defect/discrepancy of any item arises within the period of warranty, the specific period from the date of notification to the supplier up to the date of rectification of defect/ resolve of discrepancy will have to be extended from the warranty period for those particular items.

*(Handwritten signature)*

b. If any defect/discrepancy arises within warranty period, then the items 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, "We do hereby assure that we take the liability to replace all items free of cost including freight within three months from the date of notification about the defect/discrepancy of the items by the buyer, if it occurs within the period of warranty". For warranty replacement, the supplier will collect the defective items from NSD Chattogram and re-supply the same to the collecting place.

c. Warranty certificate will be supplied with the offer.

18. **Manufacturer's Guarantee Certificate.** Certificate from the manufacturer is to be provided with the offer that the items are new, unused and produced by them in the year 2023 or later will be supplied. It is also to be certified that the offered items will comply with the technical specification mentioned in para 10.

19. **Undertaking.** An Undertaking Certificate from the supplier must be attached with the offer by stating, "We do hereby assure that if the Decontamination Material for CDRT is found unsuitable for use in the mentioned in Para 2 used by Bangladesh Navy, the Decontamination Material items is to be taken back and changed with suitable items for which we shall bear all the cost of to and fro Bangladesh".

20. **Quality Assurance.** Quality Assurance certificate is to be provided by the appropriate Quality Assurance Organization of the manufacturer country.

21. **Shipment and Delivery.**

a. **Place of Delivery:** The supplier will arrange shipment of all the items by sea/air to Chattogram/Dhaka. Consignee address is as follows:

**By Sea**

THE COMMANDING OFFICER  
NAVAL STORES DEPOT (NSD)  
NEW MOORING  
CHATTOGRAM, BANGLADESH

**By Air**

THE OFFICER-IN-CHARGE,  
NAVAL STORES SUB DEPOT, DHAKA  
KHIKHEK NAVAL AREA,  
NAMAPARA KHIKHEK, DHAKA-1229

b. **Delivery Schedule.** Items will have to be delivered (without import duties) 120 days from the date of signing of the contract.

c. **Port of Shipment.** Port of shipment will be in manufacturing country.

22. **Final Acceptance.** Final acceptance of the supplied items will be given after satisfactory Joint inspection and Test/Trial by the Naval Armament Inspecting Organization (NAIO), Chattogram in presence of supplier's representative.



*(Handwritten signature/initials)*

CONFIDENTIAL

23. **User List.** List of users indicating year is to be mentioned.
24. **Terms of Payment.** Total (100%) payment will be made in local currency after satisfactory joint inspection, Final acceptance and Test/Trial by Bangladesh Navy.
25. **Validity of Offer.** Up to 30 June 2024.
26. **Compliance Statement.** A compliance statement fulfilling all the required information is to be mentioned with the offer for evaluation of tender. Any deviation from the specification is also to be mentioned in the offer. Mere mentioning of Yes/No or comply will not be enough; detail technical data/information of the offered item are to be provided. Incomplete compliance statement may attribute to cancellation of the offer.

