

TENDER SPECIFICATION OF XBT/ XSV DATA ACQUISITION SYSTEM (DAS) RECORDER - BNS
KHALID BIN WALID

1. **Name of the Equipment.** XBT/ XSV Data Acquisition System (DAS) Recorder.
2. **Purpose.** Measure and display ocean temperature, conductivity, salinity and sound velocity versus depth and to record for later study and evaluation.
3. **Quantity** : 01 (One) Complete system.
4. **Type** : To be mentioned.
5. **Brand** : To be mentioned.
6. **Model** : To be mentioned.
7. **Manufacturing Country** : Canada, EU Countries, Japan, UK, USA, Norway, Australia, Switzerland (Country to be mentioned).
8. **Country of Origin** : Canada, EU Countries, Japan, UK, USA, Norway, Australia, Switzerland (Country to be mentioned).
9. **Manufacturer** : Name and full address with e-mail of manufacturer is to be mentioned.
10. **Principal / Supplier** : Name and full address with e-mail of manufacturer is to be mentioned.
11. **Local agent** : Name and full address with e-mail of supplier/ local agent is to be mentioned.
12. **Year of Manufacturing** : 2025 or later.
13. **Site Visit Prior Tender Submission.** Supplier may visit the installation site to estimate installation materials and works involved in installation before submission of tender. Moreover, bidder shall have to send application for relevant personnel selected for site visit to BN for security clearance 04 (Four) weeks prior to site visit.
14. **Qualification for Bidder.** Manufacturers of XBT/ XSV Data Acquisition System (DAS) Recorder or their authorized distributor/ agent can submit quotations through their authorized local agent enlisted in DGDP. In case of offer from distributor/ agent, certificate of dealership/ agencyship from 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 from OEM.
15. **Equipment Manufacturer and Reliability/ Requirement.** The items 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.
16. **User List.** List of users of the offered XBT/ XSV Data Acquisition System (DAS) Recorder is to be mentioned with full address. The list shall provide the name of various navies/ coastguards with respective model and brand of offered XBT/ XSV Data Acquisition System (DAS) Recorder. The XBT/ XSV Data Acquisition System (DAS) Recorder should be widely used by various navies/ coastguards. The user list shall be used for the assessment of the offer.
17. **Condition for Acceptance of Quotation.** The quotation has to have supporting documents (booklets, leaflets, catalogues, brochures etc) with details about offered XBT/ XSV Data Acquisition System (DAS) Recorder. If detailed information regarding specifications, manufacturer's manuals and catalogue for the quoted model of the XBT/ XSV Data Acquisition System (DAS) Recorder, spare parts, accessories, scope of supply, etc are not provided the quotation will not be accepted.
18. **Acceptance/ Rejection of Bid.** DGDP/ 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 contract award (without thereby incurring any liability to the BIDDER).



19. **Classification/ Standard.** The offered item is to fulfill the requirement of IEEE/ IEC/ IMO and other competent internationally recognized standards. The applicable classification standard(s) of offered items are to be mentioned and should be well supported by the certificates/ OEM brochures.

20. **Additional Features Offered by Bidder.** The bidder may suggest and offer additional features for the offered XBT/ XSV Data Acquisition System (DAS) Recorder. In this case, Bidder is to explain the detailed advantage of that/ those features of the offered XBT/ XSV Data Acquisition System (DAS) Recorder.

21. **Scope of Supply.**

- a. 01 x Complete set of XBT/ XSV Data Acquisition System (DAS) Recorder with following Composition (As per para-22 to 25):
 - (1) 01 x Data Acquisition Unit.
 - (2) 01 x Computer.
 - (3) 40 x XBT Probe.
 - (4) 40 x XSV Probe.
- b. Essential Accessories (As per para-26).
- c. Software and Backup Software (As per para-30).
- d. Certification and Reports (As per para-33).
- e. Manual/ Documentations (As per para-34).
- f. Factory Acceptance Test (As per para-36).
- g. Local Training (As per para-37).
- h. Installation, supervision and Setting To Work (STW) (As per para-44).
- j. Test/ Trial and Acceptance (As per para-45).

22. **General Feature and Capability.** The XBT/ XSV Data Acquisition System (DAS) Recorder Measures and displays ocean temperature and sound velocity versus depth. Small, expendable sensors (probes) launched from surface ships measure these parameters. The measurements are displayed in real time on the monitor on the front of the DAS unit and are recorded on disk for later study and evaluation. The system is to be compatible with BN SONAR (Model: ASO 94-2).

23. **Basic Composition.** The DAS will comprise of a Data Acquisition Unit which will be connected to compatible computer on one end and with the ship-fitted launcher on the other end through a junction box. The system will also be connected to SONAR ASO 94-2 for data exchange.

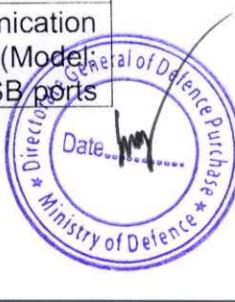
24. **Environmental Condition.**

- a. Ambient Operating Temperature : 5° C to + 55° C.
- b. Storage Temperature : To be mentioned.
- c. Relative Humidity : Up to 95 % (Non condensing).

25. **Technical Specification.** Technical specification is as follows:

a. **Data Acquisition Unit.**

Ser	Description	Remarks
1.	Brand	To be mentioned
2.	Model	To be mentioned
3.	Software	Details to be mentioned
4.	Weight	To be mentioned
5.	Dimension	To be mentioned
6.	MTBF	>55,000 Hrs
7.	Power Requirement	100-240 V AC, 50/ 60 Hz
8.	Ports	DB-9 Ports for RS-232 serial Communication required for interfacing with Existing Sonar (Model: ASO 94-2) and Launcher (Model: LM4A). USB ports



Ser	Description	Remarks
		for data transfer, Printer and other standard accessories.
9.	Audio in connector	3.5 mm
10.	Connector box	EN3C8FX Circular Connector
11.	Chassis	18 gauge galvanized steel black powder code

c. Computer.

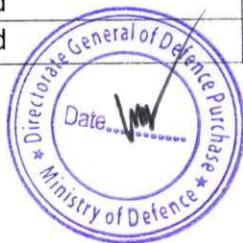
Ser	Description	Remarks
1.	Computer Type	Portable Laptop
2.	Operating System	Latest original version of Windows (Must be compatible with the DAS software)
3.	Storage	512 GB SSD or better
4.	RAM	8GB or more
5.	Display Size	14 inch or more
6.	Graphics Card	Dedicated
7.	Display Resolution	1920 X 1080 or better
8.	Processor	Intel Core-7 (13 th Generation) or better
9.	Special Note	The laptop should be fully compatible with the DAS Acquisition and the other associated system

d. 40 x XBT Probe.

Ser	Description	Remarks
1.	<u>Dynamic:</u> (a) Ship Speed (b) Maximum Depth (c) Temperature Accuracy (d) Vertical Resolution	15 Knots or More 760 Mtrs or more ± 0.1°C or better 55 cm or better
	<u>Performance and capability</u> (a) Obtains real time temperature profile (b) Can obtain temperature accurately upto ± 0.1°C or better c. Compatibility	To be mentioned To be mentioned (1) Compatible with sippican Inc Mk-8Eb Bathythermograph data accusation system (2) Compatible with LM-4A Thru-hull launcher, also possible by LM-2A deck LM-3A
	<u>Environmental Condition.</u> (a) Atmospheric Temperature (b) Sea water Temperature (c) Relative Humidity (d) Wind Speed (e) Sea State	0° C to + 55° C -2° C to + 35° C Up to 100% Up to 45 Knots (1) 4 (Minimum for expendable sound velocimeter) (2) 6 (Minimum for expendable Bathy thermograph)

e. 40 x XSV Probe.

Ser	Description	Remarks
	<u>Physical data:</u> (a) Dimension (b) Weight	Compatible with LMC-16 Data Acquisition System
1.	<u>Dynamic:</u> (a) Ship Speed (b) Maximum Depth (c) System depth Accuracy (d) Vertical Resolution	15 Knots or More 850 Meters or more 4.6 meters or 2% of depth whichever is larger (preferable) 32 cm or better
	<u>Performance and capability:</u> (a) Obtains real time sound velocity (b) Can obtain temperature accurately upto ± 0.25	To be mentioned To be mentioned



Ser	Description	Remarks
	meter/second at the depth up to 2000 meters (Normal depth is 850 meters)	

26. **Essential Accessories.** Essential 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 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 offer mentioning item wise price. The essential accessories must include the following items:

Ser	Description	Remarks
1.	WinMk21 Surface Software	To be mentioned
2.	LMC-16 Surface Connection Box	To be mentioned
3.	AC/ DC 12V D power cube	To be mentioned
4.	Ethernet cable	To be mentioned
5.	Ethernet Crossover Cable	To be mentioned
6.	USB Cable	To be mentioned
7.	RS-232 cable	To be mentioned
8.	Necessary Mounting arrangement is to be done to fit the Acquisition and computer in the desired place	To be mentioned
9.	Cable for connecting the DAS Acquisition with existing launcher	To be mentioned

27. **Interfacing Requirements.** The item should be interfaced with the shipborne SONAR ASO 94-2 and thru hull launcher LM-4A. The interfacing responsibility will lie on the supplier solely.

28. **Power Supply.** Available power supply in the installation site is 415V, 50Hz, 3 Phase and 220V, 50Hz, 1 Phase. The other power supply unit (if necessary) for the said system is to be provided by the Supplier.

29. **Cables.** All necessary multi-strand and screened cables (Fire proof and rodent bite resistance with metallic cover/ skin) of appropriate capacity will be provided by the supplier including the cables between the launcher and DAS Acquisition. **The actual requirement of cable is to be assessed by the bidder** through on site visit and to be submitted with the offer. Details of cable specification and unit price (per meter) is to be quoted separately.

30. **Software and Backup Software.** The supplier is to provide all related software OS and backup software (original licensed copy) required for the XBT/ XSV Data Acquisition System (DAS) Recorder in CD/DVD/Flash drive format with step by step installation/ re-installation/ re-configuration instructions. The list of such software is to be submitted with the offer. Any special tools and interfacing cable (if required) for installation/ re-installation/ re-configuration are to be provided.

31. **Optional Spares and Items.** A list of OEM recommended spares and items (if any) are to be quoted separately mentioning item-wise price. The buyer may select any item/ items from the proposed list.

32. **Special Tools.** A list of special tools (if required) is to be quoted separately mentioning item-wise price. The buyer may select any of the item/ items from the proposed list.

33. **Certificate and Reports.**

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

- (a) Supply Assurance Certificate.
- (b) Guarantee and Warranty Certificates.
- (c) After Sales Service Support Certificate.

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

- (a) 'Quality Assurance Certificates' for each item and their associated equipment and instruments from OEM is to be provided.



- (b) 'FAT Certificates'.
- (c) Certificate of Genuine Product and Brand-New Item.
- (d) Guarantee and Warranty Certificates.
- (e) After Sales Service Support Certificate.

34. **Drawing and Manual/ Documentation.**

a. **Installation Drawings.** Following drawings are to be submitted for buyer's approval prior 01 (One) months of commencing of installation work:

- (1) Layout drawing.
- (2) Electrical inter-connection diagram of all equipment.
- (3) Cable diagram including cable type and cable grouping.
- (4) List of works (facility work support) those are needed from BN.

b. **Manuals/ Document.** 01 (One) sets of following documents and manuals in English are to be provided **at free of cost** at the time of delivery:

- (1) Operating Manual.
- (2) Technical Manual with Circuit Diagram (At lasts upto component level).
- (3) Maintenance Manual.
- (4) Parts Catalogue with parts Identification List (PIL).

(5) Installation Manual having Layout drawing of equipment, alignment instruction, electrical interconnection diagram, cable diagram, diagram showing interface (mechanical and electrical) and data protocol.

35. **Brochures/ Booklet.** One set of original brochures/ booklets in English having details technical information about the offered Portable XBT/ XSV Data Acquisition System (DAS) Recorder with Accessories are to be provided along with the quotation for evaluation/ assessment.

36. **Factory Acceptance Test (FAT).** Following FAT is to be carriedout in OEM premises for the offered equipment:

a. FAT will be carried out by a team of 02 (Two) BN members for duration of 03 (Three) working days in OEM premises at the buyer's expense. Both way air fare, accommodation and food for the FAT team will be borne by BN. All types of movement/ transportation (air/sea/road) of the team within the manufacturer's country, reception and arrangement for entry into the country/ concerned area for the FAT are to be arranged by the supplier. The item-wise cost in this respect is to be quoted in the offer. The supplier should inform the buyer about the date of FAT (schedule) and FAT criteria at least 08 (Eight) weeks prior to the date of FAT. FAT procedure shall be forwarded to the buyer 08(Eight) weeks prior to the date of commencement of the FAT to the concerned directorate for approval of BN.

b. On return from the country of manufacturer, the FAT team will submit the report to concerned Directorate at Naval Headquarters. Naval Headquarters will, forward final decision along with FAT report, basing on which DGDP will render clearance for shipment of stores to the supplier concerned. The supplier will not make shipment of any item of the contract without clearance from DGDP.

c. The objective of FAT will be to check the capability of the system as per the technical specification mentioned in the offer. The FAT will be carried out at manufacture's factory premises. In this regard, the FAT protocol is to be submitted for approval by BN well in advance.

d. During FAT, various tests for checking performance are to be carried out and recorded. After FAT, a joint test report will be prepared and signed by both the seller and buyer's representative.

e. Location of FAT to be mentioned.



37. **Local Training.** The manufacturer/ supplier is to send one competent engineer to provide onboard operation and maintenance training to BN personnel for a duration of 05 (five) working days after test, trial and commissioning. Training schedule is to be provided during delivery of the item. A detailed training content and materials are to be provided at least 06 (Six) weeks prior to the local training. The cost of airfare (to and from Bangladesh), accommodation, food and internal transportation (to and from work site and hotel) of the manufacturer's/ supplier engineer are to be borne by the supplier. Cost of local training is to be quoted separately. The training should include (but not limited to) the following:

- a. System composition, configuration, principle of operation and troubleshooting.
- b. Software installation, operation and configuration for smooth conducting of all the tests.
- c. Theoretical concept and procedure of tests (practical).
- d. Repair and maintenance.

38. **Delivery.**

- a. **Delivery Time.** The items shall be delivered within **09 (Nine)** months after signing the contract.
- b. **Place of Delivery:** NSD Chattogram.
- c. Incase of CFR, the supplier shall carry the items from sea port/ air port (as applicable) to NSD Chattogram at the cost and risk of supplier.

39. **Shipment.**

- a. **Source of Supply.** The source of supply of the offered systems are to be mentioned. It should be from the country of manufacturer or country of origin.
- b. **Port of Shipment:** To be mentioned. The port of shipment is to be from the country of manufacturer or country of origin.
- c. **Consignee.** The supplied item shall 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
--	--

- 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 shall be marked with the name and address of the consignee and gross weight.

40. **Installation Time line.** The supplier will install and commission the items on board Ship within 3 (Three) months after delivery in Bangladesh. The liquidated damage (LD) will also be applied in this respect as per DGDP rule for the delay beyond lead time.

41. **Project Timeline.** The project timeline indication month-wise event is to be provided with the offer and another reviewed project time line with project implementation plan is to be submitted after 15 days of signing the contract.

42. **Warranty, Guarantee and After Sales Service.**

a. **Warranty.**

(1) 12 (Twelve) months manufacturer's warranty for trouble free operation is to be provided for the item from the date of acceptance by the purchaser. If any component and submit of the supplied items becomes defective during the warranty period, the overall warranty shall be extended automatically for the period of subject component remains defective.

(2) For warranty repair/ replacement, the supplier shall collect the defective item from NSD, Chittagong/ NSD, Khulna/ 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.

b. **Bank Guarantee (BG) for Warranty.** The BIDDER shall issue a Bank Guarantee (BG) during submission of last 20% payment for a value of @ .05% (Five percent) of the total CFR value from any scheduled bank in Bangladesh in favour of The Senior Finance Controller (Navy), Sailors Colony, Lalasarai, Mirpur-14, Dhaka-1206, representing Bangladesh Navy, Peoples Republic of Bangladesh, information to The Directorate General Defence Purchase, Ministry of Defence, Peoples Republic of Bangladesh. This BG shall remain valid until the warranty period of the XBT/ XSV Data Acquisition System (DAS) Recorder and other items (not notwithstanding minor deficiencies which would be mutually settled and agreed between PURCHASER and BIDDER) in Bangladesh, and it shall expire on receipt of **Warranty Completion Certificate**. If the contractual obligation warrants the extension of the validity of the BG, the BIDDER shall remain liable to do so at its own cost. In case of material failure of the BIDDER to fulfill its contractual obligation as per the terms and conditions of the contract, the BG in full or part thereof may be forfeited at the discretion of the PURCHASER.

c. **Guarantee.** The supplier is to give guarantee of continued supply of spares for at least 10 (Ten) years at a reasonable price (not exceeding 3% per year). Certificate is to be submitted with the offer.

d. **After Sales Service.** After sale service should be available with the local agent of supplier and is to be provided as and when required for indefinite period or at least 15 years after the installation. If any system, equipment etc becomes obsolete or out of production during or after the installation period (at least upto 15 years), the supplier is to submit alternative of same/ improved version for selecting the suitable replacement.

43. **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.

44. **Installation, Supervision & Setting to Work (STW).** Installation, Supervision, and Setting to Work (STW) shall be done as following:

a. **Installation Site.** BNS KBW at Chattogram Naval Area.

b. **Installation Material and Accessories.** All installation materials, test equipment/ instrument, tools, cables, cable gland and other necessary accessories required for the installation, STW and supervision are to be provided by the supplier.

c. **Bidder/ Supplier Responsibility.**

(1) Installation of XBT/ XSV Data Acquisition System (DAS) Recorder with standard accessories are to be done by supplier. As such, any accessories required for the operation and maintenance shall be provided by the supplier.

(2) The offered XBT/ XSV Data Acquisition System (DAS) Recorder and other accessories are to be installed by replacing the existing One of the ship's and to be commissioned by the qualified OEM Engineers.

(3) The Supplier at no additional cost shall do any modification/ alteration (if required) to install the offered XBT/ XSV Data Acquisition System (DAS) Recorder as per scope of supply.

(4) Any damage during installation of offered XBT/ XSV Data Acquisition System (DAS) Recorder, existing onboard equipment, machineries and items/ systems shall be compensated by supplier. Damaged equipment, machineries and items/ systems are to be made operational with its full functionality by supplier.

(5) Qualified Engineers are to be employed for the installation and STW, HAT and SAT and commissioning. All types of expenses related with food, accommodation and internal travel of the OEM/ Supplier engineer during installation are to be borne by the supplier.

c. **Purchaser Responsibility.** Purchaser (BN) will provide available assistance (if required) for installation under the direct supervision of OEM/ Supplier Engineer. BN Dockyard shall provide available work/ facility (if required) for installation. Support equipment may be provided (if available) from the user side upon request prior installation.



45. **Test/ Trial and Acceptance.**

- a. The supplier's representative will ensure satisfactory tests, trial and functioning/ commissioning of the equipment at purchaser's premises (BNS KHALID BIN WALID).
- b. The supplier will demonstrate the bathy thermograph data plots during HAT and SAT and purchaser will provide XBT and XSV for the test. On completion of satisfactory Test/ Trial and commissioning, an acceptance certificate will be provided by BN.

46. **Validity.** The offer will remain valid till 30 June 2026.47. **Terms of Payment.** Payment shall be made through an Irrevocable Letter of Credit (LC). LC shall be opened at the expense of the PURCHASER and **100% LC** value shall be made operative in favour of Supplier. CFR/ CPT value being the value of the supplied goods, payment shall be made as under:

- a. **1st Installment.** 80% of CFR value shall be paid **after shipment of hardware and software** and on submission of the following documents to the bank:

(1) Original Airway Bill (AWL)/ Bill of Landing (BL) must be issued by air lines/ shipping lines or authorized agent of shipping lines/ air lines against DGDP contract reference (after signing the contract). LC number, and Bangladesh bank registration number are to be mentioned in AWL/ BL. Freight amount must be shown separately otherwise only FCA value shall be paid. All documents to be submitted (01) original with at least (05) five copies other than bill of lading shall be (03) three original with (03) three copies. In addition to this, following shall also be considered:

(a) Name of the carrier must be indicated in AWL/ BL.

(b) Must be signed by carrier or a named agent for/ on behalf of the carrier.

(2) 'Supplier's Signed Commercial Invoice' for (freight/ services amount to be shown separately (if applicable)) representing 80% of CFR value as stated in the contract.

(3) 'Packing List' signed by the authorized representative of the shipping company or exporter.

(4) 'Certificate of Origin' signed by the Manufacturer's Authorized Person/Authorized Official of the exported country.

(5) 'Manufacturer's Certificate' Signed by the MANUFACTURER/ SUPPLIER. Certifying that product has been produced as per technical data/ analytical data and specification as per contract.

(6) 'Manufacturer's Warranty Certificate' Signed by the MANUFACTURER/ SUPPLIER.

(7) 'Factory Acceptance Test (FAT)/ Pre-Shipment Inspection (PSI) Completion Certificate' signed by the SUPPLIER.

(8) 'Quality Assurance Certificate' (QAC) signed by the SUPPLIER.

(9) 'Shipment Clearance Letter' Signed by DGDP (Directorate General Defense Purchase, Dhaka, Bangladesh) as PURCHASER.

- b. **2nd Installment.** 20% of CFR value shall be paid **after successfully commissioning the system** and on submission of the following documents to the bank:

(1) 'Supplier's Signed Commercial Invoice' for representing 20% of CFR/CPT value as stated in the contract.

(2) 'Final Acceptance Certificate' issued by the PURCHASER after successful completion of installation, integration with related ship borne equipment, HAT, SAT and commissioning of system.

(3) The bidder shall submit the relevant document of 5% BG of CFR value, which shall be released on submission of warranty completion certificate.



c. Installment of FAT, Training and Services.

(1) **Factory Acceptance Test (FAT).** 100% cost of Factory Acceptance Test (FAT) shall be paid **after successful completion of Factory Acceptance Test (FAT)** and on submission of the following documents to the bank:

(a) 'Factory Acceptance Test (FAT)' signed by the PURCHASER for the successful completion of the Factory Acceptance Test (FAT) in OEM premises.

(b) 'Supplier's Signed Commercial Invoice' for representing 100% of Factory Acceptance Test (FAT) value as stated in the contract.

(2) **Local Training.** 100% cost of Local Training shall be paid **after successful completion of local training** and on submission of the following documents to the bank:

(a) 'Local Training Completion Certificate' Signed by the PURCHASER for the successful completion of the Local Training in Bangladesh.

(b) 'Supplier's Signed Commercial Invoice' for 100% of Local Training value as stated in the contract.

(4) **Installation, Supervision and Setting to Work (STW).** 100% cost of Installation, Supervision and Setting to Work (STW) shall be paid **after successful completion** of Installation, Supervision and Setting to Work (STW) and on submission of the following documents to the bank:

(a) Installation, Supervision and Setting to Work (STW) Signed by the PURCHASER for the successful completion of the Installation, Supervision and Setting to Work (STW) in Bangladesh.

(b) 'Supplier's Signed Commercial Invoice' for 100% of Installation, Supervision and Setting to Work (STW) value as stated in the contract.

(5) **Test/ Trial and Acceptance.** 100% cost of Test/ Trial and Acceptance shall be paid **after successful completion** of final Test/ Trial and Acceptance and on submission of the following documents to the bank:

(a) 'Final Test/ Trial and Acceptance' Signed by the PURCHASER for the successful completion of Final Test/ Trial and Acceptance in Bangladesh.

(b) 'Supplier's Signed Commercial Invoice' for 100% of Test/ Trial and Acceptance value as stated in the contract.

48. **Price.** Price of the each item of the total offer is to be shown separately (e.g. price of the main equipment, additional accessories, Installation, local training, warranty/ guarantee etc) and then grand total of the foreign currency to be shown on the original offer submitted by the bidder. Moreover, if the item is imported against this tender, price to be quoted without import duties.

49. **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.

