

TENDER SPECIFICATION OF UPGRADATION OF TR47C - BNS DURJOY, NIRMUL, BIJOY AND DHALESHWARI

INTRODUCTION

1. For better understanding and to evaluate all the prospective BIDDERS on same platform, the tender specification has been divided into three parts:
 - a. **Part-1: General Information and BIDDER'S Responsibility.**
 - b. **Part-2: Operational and Technical Specification.**
 - c. **Part-3: General Terms and Conditions.**
2. Prospective BIDDERS are to comply with the requirements and terms & conditions mentioned in Part-1, Part-2, and Part-3 of the tender specification. BIDDERS are also to provide performance/ technical data, brochure, specific figures, and information as asked against each condition.
3. Prospective BIDDERS are to submit their offer in two envelopes:
 - a. Technical Offer.
 - b. Financial Offer.
4. BIDDER shall comply all the terms and conditions of the tender documents as compliance statement by the Bidder under the following tabular format:

Tender Article No	Description of Terms and Conditions (as mentioned in Part-1, Part-2 and Part-3 of the Tender)	Compliance/ Remarks by Principal/ manufacturer (To be agreed/To be mentioned with detail explanations)

The financial quote is to be submitted separately in foreign currency on FOB basis, but compliance/remarks are to be indicated in the technical offer.

PART-1: GENERAL INFORMATION AND BIDDER'S RESPONSIBILITY

5. Bangladesh Navy (BN) plans to procure the Up gradation of the TR47C Tracking Radars.
6. **Installation Site.** Onboard BNS DURJOY, NIRMUL, BIJOY and DHALESHWARI at Chattogram and Mongla Naval Area.
7. **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.
8. **Qualification of Bidder.** Manufacturers of TR-47C or their authorized distributor/ agent can submit quotations through their authorized local agent enlisted in DGDP. In case of offer from foreign trading company/ distributor/ agent, certificate of dealership/ agencyship 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 from OEM.

9. **Compliance Statement.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes or No' shall not suffice and detailed evidence with description/ information, brochures/ booklet, drawing and diagram 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 item, the deviation is to be spelt out clearly.

10. **Equipment Manufacturer and Reliability/ Requirement.** The newly installed 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.

11. **Condition for Acceptance of Quotation.** The quotation has to have supporting documents (booklets, catalogues, brochures etc) with details about offered equipment/ item. If detailed information regarding specifications, manufacturer's manuals and catalogue for the quoted equipment/ items PCBs and modules, etc are not provided the quotation may not be accepted.

12. **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).

13. **Validity.** The offer is to remain valid till 30 June 2025.

PART-2: OPERATIONAL AND TECHNICAL SPECIFICATION

14. **Name of the Equipment.** Upgradation of TR47C.

15. **Purpose.** Upgrading the signal processing unit to get optimum performance and reliability of the Tracking Radar TR 47C.

16. **Quantity.** 04 (01 for each ship) in number TR47C Upgradation.

17. **Principal Supplier.** Name & Full address with e-mail of manufacturer is to be mentioned.

18. **Local agent.** Name & Full address with e-mail of supplier/ local agent is to be mentioned.

19. **Year of Manufacturing.** 2024 or later.

20. **Classification Standard.** The offered system/ equipment shall conform to military standard, rugged and suitable to use in marine environment. In this regard necessary relevant document shall be submitted with offer by the bidder.

21. **Environmental Condition and Other Standard.**

- | | | |
|----------------------|-----|--|
| a. Temperature | : | +5°C to 55°C. |
| b. Relative Humidity | : | Up to 95% (non condensing). |
| c. For Shock | : | MIL-STD-810F or equivalent (To be mentioned). |
| d. For Vibration | : | MIL-STD-810F or equivalent (To be mentioned). |
| e. Sea Keeping | : | To comply with the ship's movement as follows: |
| | (1) | Roll : ± 30°. |
| | (2) | Pitch : ± 10°. |
| | (3) | Yaw rate : ± 8°. |

RESTRICTED

- f. EMI/EMC : MIL-STD-461 or equivalent (To be mentioned).
- g. Operation Sea State : (1) Normal operation in sea state 5 ;
(2) No damage in sea state 9.

22. **Scope of Supply and Services.** Scope of supply and services are as follows:

- a. 01 x Main Equipment with Standard Accessories (as per article-24a)
- b. Certificate and Reports (as per article-24b).
- c. Drawing and Manuals/ Documents (as per article-24c).
- d. Essential Spares (as per article-25).
- e. Spares (Optional) (as per article-26).
- f. Foreign Training (optional) (as per article-27).
- g. Local Training (as per article-28).
- h. Removal of Existing System (as per article-29).
- j. Installation (New system), Supervision and Setting to Work (STW) (as per article-30).
- k. Test/ Trial and Acceptance (as per article-31).

23. **Additional Feature Offered by Bidder.** The bidder may suggest and offer additional features for the offered system. In this case, Bidder is to explain the detailed advantage of that/ those features of the offered system.

24. **Technical Specification.**

a. **Main Equipment with Standard Accessories.**

(1) **Signal Processing Module.** Specification of Signal Processing Module is as follows:

- (a) Quantity : 04 (01 for each ships)
- (b) Brand : To be mentioned.
- (c) Model/ Part No : To be mentioned.
- (d) Detail Specification : To be mentioned
- (e) Each Signal Processing Module shall comprise of following:

i. **Signal Processing Board.** Specification of Signal Processing Board is as follows:

- (i) Quantity : 04 (01 for each ships)
- (ii) Brand : To be mentioned.
- (iii) Model/ Part No : To be mentioned.
- (iv) Detail Specification : To be mentioned.

ii. **Signal Processing Interface Board.** Specification of Signal Processing Board is as follows:

- (i) Quantity : 04 (01 for each ships)
- (ii) Brand : To be mentioned.

RESTRICTED

(iii) Model/ Part No : To be mentioned.

(iv) Detail Specification : To be mentioned.

(2) **Power Module.** Specification of Power Module is as follows:

(a) Quantity : 04 (01 for each ships).

(b) Brand : To be mentioned.

(c) Model/ Part No : To be mentioned.

(d) Detail Specification : To be mentioned.

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

b. **Certificate and Reports.**

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

(a) 'Type Approval Certificates' of classification society.

(b) Supply Assurance Certificate.

(c) Guarantee and Warranty Certificates.

(d) After Sales Service Support Certificate.

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

(a) 'Type Approval Certificates' of classification society.

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

(c) 'FAT Certificates'.

(d) Certificate of Genuine Product and Brand-New Item.

(e) Supply Assurance Certificate.

(f) Guarantee and Warranty Certificates.

(g) After Sales Service Support Certificate.

c. **Drawing and Manuals/ Documents.**

(1) **Installation Drawings.** Following drawings are to be submitted for buyer's approval prior 04 (Four) months of commencing of installation work onboard ship:

RESTRICTED

- (a) Layout drawing of the modified cabinet.
- (b) Electrical inter-connection diagram of all modified equipment (showing the position of every PCB's) of the processing Cabinet.
- (c) Cable diagram including cable type and cable grouping.
- (d) List of works (facility work support) those are needed from BN.

(2) **Manuals/ Documents.** As the system shall undergo an upgradation of processing module in processing cabinet, existing manual/documents are to be corrected or modified. As such, new 04 (Four) sets of following documents and manuals in English are to be provided at free of cost at the time of delivery:

- (a) Operating Manual (Processing Cabinet).
- (b) Technical Manual with Circuit Diagram (New Module).
- (c) Maintenance Manual (Processing Cabinet).
- (d) Parts Catalogue with Parts Identification List (PIL) (Processing Cabinet).

25. **Essential Spares.** Price of following spares is to be quoted with the offer:

Ser	Name of Item	Part No	Status	Qty
1.	Laser Range Finder	QW2.030.014 MX	TWT	01
2.	TV Camera	JT(GZ2)-5B-704Z/ JT(GB5)-5B-600Z-Y	TWT/ Solid	02
3.	Transmitter Computer PCB	QW2.852.057	TWT	01

26. **Spares (Optional).** The following spares are to be quoted separately mentioning item wise price. Buyer may select the spares as required from the list for procurement:

Ser	Name of Item	Part No	Status	Qty	Price
1.	Control Computer for Angular Servo	QW2.315.10038	TWT	01	To be mentioned
2.	Laser Terminal Board	bg2.315.605	Both	01	
3.	Electro-optic Interface PCB	QW2.315.10039	TWT	02	
4.	LO Module (010702)	QW2.877.099MX	Solid	01	
5.	Interface Board	QW2.315.138MX	Solid	01	
6.	EL Display	EAA-VHI-C-L	Both	01	
7.	Power Board+15V, 3A &15V, 3A	SAQ90-2M1	Solid	01	

27. **Foreign Training (Optional).** The purpose of foreign training at OEM premises is to develop compatible maintainer of the whole TR 47C Radar. The supplier shall provide maintainers training to the nominated BN personnel at manufacturer's premises. Cost of both way air fare (Dhaka to manufacturer's premises and back) shall be borne by the purchaser. Food, accommodation, training material and internal travel cost are to be arranged by the Supplier and the same is to be quoted separately. Training shall be provided in English Language as per the duration below:

Ser	Training	Remarks
1.	Maintainer's training for 05 (Five) BN personnel for a duration of 15 working days.	The training should include 1 st and 2 nd level maintenance of whole TR 47C radar system (upgraded) and interfacing aspect of the system in details. The details of training syllabus are to be provided with the offer.

a. **Training Objective.** The objective of the training should include following but not limited to:

- (1) Nominated BN personnel should have comprehensive knowledge on TR 47C Radar system overview and its features and limitations. They should also acquire detailed knowledge and orientation with sub systems.
- (2) Nominated BN personnel should know which level of maintenance they can do, what kind of tools and skill needs to be used to carry out maintenance works as per OEM recommended maintenance system/schedule.
- (3) Nominated BN personnel should be completely aware of all hardware/software including all kinds of documentations related to the system.
- (4) A standard operating procedure shall be provided to the trainees for developing a ready response team onboard to address defect identification and rectification.
- (5) Nominated BN personnel shall be able to identify and replace PCBs of every cabinet, set to work, configure and interface the whole radar system including re-installation of all software used in the system.
- (6) Nominated BN personnel shall be able to do alignment, calibration, testing, tuning and software-based system check etc of the radar system.

b. **Training Contents.** Lectures and training should focus on the following contents (but not limited to):

- (1) System overview and system configuration.
- (2) System operation covering all functions.
- (3) Details about system architecture.
- (4) Lessons on ICDs (consisting communication type, NMEA standard, message format, data structure etc).

RESTRICTED

- (5) Hardware and software and their function, troubleshooting, backup software, system restoration (if crashed) etc.
- (6) Familiarization of manuals, publications and document which are to be provided.
- (7) Signal and Power flow diagram.
- (8) Testing of Receiver Sensitivity.
- (9) Network Configuration and troubleshooting.
- (10) Repair and maintenance.
- (11) Fault finding and understanding error message.

28. **Local Training.** A group of operators and technicians has to be trained locally in Bangladesh by the Manufacturer's Engineer during installation. Cost of air fare (to and from Bangladesh (installation site)), accommodation, food and internal transportation (to and from work site and hotel) of the Manufacturer's engineer shall be borne by Bidder. The cost of local training is to be quoted separately.

a. **Training Objective.** Objective of training is to learn about the functionality and maintenance of newly installed signal processing module and power module.

b. **Training Contents.** The contents of the training should include following (but not limited to):

- (1) Signal processing sequence & function of each PCB/module.
- (2) Installation drawings and document.
- (3) Replaced items document.
- (4) Training manual with repair and maintenance procedure.

29. **Removal of Existing System.**

a. **Removal of Existing PCBs.** Replacement of existing signal processing unit shall be done by the supplier. The supplier shall ensure the removal of the existing modules without damaging any equipment or existing design factors of the ship. Any damage to onboard existing systems, items, equipment and machineries due to removal of existing modules shall be compensated by bidder to make damaged items operational. After removal following PCBs and modules shall be extracted from each radar:

Ser	Name	Position No	Drawing No	Qty
1	Timer Board	3301	QW2.844.057	01
2	AD Board	3303/04/05/06	QW2.868.129	04
3	DSP Board	3301	QW2.852.086	01
4	CPU Board	3308		01
5	Timer Interface Board	3309	QW2.844.058	01
6	A/D Interface Board	311/12/13/14	QW2.868.130	04
7	DSP Interface Board	3315	QW2.852.087	01

RESTRICTED

8	CPU Interface Board	3316		01
9	Power module		CPV5000	01

b. **Serviceability Certificate.** Every used PCB's shall be extracted in intact condition so as to be used as spares for other TR47C radar. Serviceability Certificate for each replaced PCB's shall be given by OEM with recommendation to keep them as spares.

c. **Installation (New system), Supervision and Setting to Work (STW).** Installation (New system), Supervision and Setting to Work (STW) shall be done as following:

(1) **Installation Material and Accessories.** Installation includes STW, Integration/ Interfacing with associated sub systems/ equipment and supervision. All installation materials, test equipment/ instrument, tools, cables, cable gland and other necessary accessories required for the installation, STW, integration/ interfacing works and supervision are to be provided by the supplier.

(2) **Bidder/ Supplier Responsibility.**

(a) Installation of new Signal Processing Unit including standard accessories and software up gradation (if required/necessary) are to be done by supplier. As such, any accessories required for the operation and maintenance shall be provided by the supplier.

(b) Supplier should ensure the compatibility/ interface with the other subsystems (presently existing) after the upgradation of TR47C.

(c) The offered modules and other accessories are to be installed by replacing the existing modules of the ship's and to be commissioned by the qualified OEM Engineers.

(d) The Supplier at no additional cost shall do any modification/ alteration (if required) to install the offered items as per scope of supply.

(e) Any damage during installation of offered modules, existing onboard equipment, machineries and items/ systems shall be compensated by bidder. Damaged equipment, machineries and items/ systems are to be made operational with its full functionality by bidder.

(f) Qualified OEM Engineers are to be employed for the installation and STW, HAT and SAT and commissioning. All types of expenses related with both-way airfare (to and from Bangladesh (installation site)), food, accommodation and internal travel of the OEM engineer during installation are to be borne by the supplier.

(g) Supplier shall provide List of works (facility work/ support those are needed during docking (if required), at harbour and at sea from BN) during submission of offer for approval of BN.

(3) **Purchaser Responsibility.** Purchaser (BN) shall provide available assistance (if required) for installation under the direct supervision of OEM 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.

30. **Test/ Trial and Acceptance.** Test, Trial and Acceptance requirements are as follows:

- a. **General.** The OEM Engineer shall ensure satisfactory tests, trial and functioning/ commissioning of the equipment at purchaser's premises after all necessary replacement/ up-gradation and integration/ interfacing with other systems. Necessary software up-gradation shall be done before test/trial. All instruments and consumables for HAT, SAT and Acceptance are to be provided by the bidder.
- b. **HAT and SAT Protocol.** The HAT and SAT protocol/ procedures including schedule are to be submitted to BN four weeks prior HAT and SAT.
- c. **HAT.** Harbour Acceptance Test (HAT) shall be carried out at harbour on completion of Setting to Work (STW).
- d. **SAT.** Sea Acceptance Test (SAT) shall be carried out at sea on completion of satisfactory HAT. Test need to be carried out, based on information acquire from Air/ Surface Search Radar (capable of assign / target designation to FCU of 76.2 mm naval gun system). Then, FCU shall assign the target designation to TR47C tracking radar. Thereafter, it shall start tracking the specified target. Detection range test of radar sensor, TV sensor and LASER sensor need to be conducted to get the overall performance of the radar.
- e. **Acceptance.** On completion of satisfactory Test/ Trial (HAT and SAT), Final acceptance certificate shall be signed by purchaser and supplier.

PART III: TERMS AND CONDITIONS

31. **Delivery.**

- a. **Delivery and Installation Time.** Item delivery and installation as per scope of supply shall be completed within 15 (Fifteen) months and breakdown of said time line is appended below:
 - (1) **Delivery Time.** The items shall be delivered to the "Place of Delivery" within **09 (Nine)** months after signing the contract.
 - (2) **Installation Time.** The Up-gradation work of the TR-47C Tracking Radars shall be completed within **06 (Six)** months after delivery of the items.
- b. **Place of Delivery:** NSD, Chattogram and NSD, Khulna.
- c. Incase of CFR/CPT, the supplier shall carry the items from sea port/ air port (as applicable) to NSD Chattogram at the cost and risk of supplier.

32. **Shipment.**

- a. **Source of Raw Material.** To be mentioned.
- b. **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.

c. **Port of Shipment:** To be mentioned. The port of shipment is to be from the country of manufacturer or country of origin.

d. **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

e. 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.

f. 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.

33. **Project Timeline.** A forecasted 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. The project timeline and implementation plan shall have clear indication of docking requirement (if required) and duration of docking with details of support/ facility work required from BN.

34. **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 40% payment for a value of **@.05% (Five percent) of the total CFR/CPT 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 Up-gradation of TR47C Tracking Radar and other items (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.

RESTRICTED

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.

35. **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.** 60% of CFR/ CPT 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 Lading (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 60% of CFR/CPT 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.** 40% of CFR/CPT 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 40% 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 Training and Services.**

(1) **Foreign Training (Optional).** 100% cost of Foreign Training (Optional) shall be paid **after successful completion of foreign training** and on submission of the following documents to the bank:

(a) 'Foreign Training Completion Certificate' signed by the PURCHASER for the successful completion of the Foreign Training in OEM premises.

(b) 'Supplier's Signed Commercial Invoice' for representing 100% of Foreign Training 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.

(3) **Removal of Existing System, Installation and Acceptance.** 100% cost of Removal of Existing System and Installation shall be paid **after successful completion** of Installation and final acceptance on submission of the following documents to the bank:

(a) 'Removal of Existing System Completion Certificate' Signed by the PURCHASER for the successful completion of the Removal of Existing System in Bangladesh.

(b) Certificate Signed by the PURCHASER for the successful 'Completion of the Installation and Final Acceptance' in Bangladesh.

(c) 'Supplier's Signed Commercial Invoice' for 100% of Installation and Final Acceptance value as stated in the contract.

36. **Import Duties.** These are the Defence stores and shall be used by the Defence Forces only and hence are exempted from payment of Custom Duties and Sale Taxes as per

RESTRICTED

ministry of finance (NBR) memo no 9(41) NBR/CUS-IV/27/246 dated 10 April 1981. Therefore, if the item is imported against this tender, price to be quoted without import duties.

37. **Terms and Conditions (DGDP).** Following terms and conditions shall governed by the tender schedule/ existing rules of Directorate General Defence Purchase (DGDP):

- a. Agency Commission.
- b. LC Amendment Charges.
- c. Insurance Charges.
- d. Liquidated Damages (LD).
- e. Arbitration.
- f. Force Majure and War Risk.
- g. Termination of Contract.
- h. Letter of Credit.
- j. End User Certificate (EUC).
- k. Recoveries.
- l. Performance Guarantee (PG).
- m. Other Conditions.

38. **Price and Financial Offer.** Price of each item (for each point of scope of supply) of the total offer is to be shown separately and then grand total of the foreign currency to be shown on the original offer submitted by the bidder. The BIDDER shall comply as asked in the tender specification. The BIDDER may mention the price of additional items and services in the financial offer. Item-wise price for additional item are to be mentioned for each item and services. The BIDDER may also explain the financial terms and conditions in the financial offer as appropriate. To evaluate the financial competitiveness, BIDDER has to submit the summary of financial offer as per following format:

Ser	Description	Qty	Unit Price	Currency (USD, EURO, GBP etc)	Total Value
1.	Main Equipment including followings: a. Standard Accessories b. Certificate and Reports c. Drawing and Manuals/ Documents	04	To be mentioned separately	To be mentioned	To be mentioned separately
2.	Essential Spares	01 Lot	To be mentioned	To be mentioned	To be mentioned
3.	Spares (Optional)	01 Lot	To be mentioned	To be mentioned	To be mentioned
4.	Total Freight on Board (FOB)	-	-	-	To be mentioned
5.	(+) Freight Charge	01 Package	To be mentioned	To be mentioned	To be mentioned

RESTRICTED

Ser	Description	Qty	Unit Price	Currency (USD, EURO, GBP etc)	Total Value
6.	CFR Value in Foreign currency	-	To be mentioned	To be mentioned	To be mentioned
7.	CFR Value Equivalent to Bangladeshi Taka (BDT)	-	-	-	Buyer shall fill-up
8.	Foreign Training (Optional)	01 Package	To be mentioned	To be mentioned	To be mentioned
9.	Local Training	01 Package	To be mentioned	To be mentioned	To be mentioned
10.	Removal of Existing System, Installation and Acceptance	01 Package	To be mentioned	To be mentioned	To be mentioned
11.	Total Quoted Price	-	To be mentioned	To be mentioned	To be mentioned