

ANNEX 'D' TO
TENDER NO- 06.06.0000.275.07.211.25
DATED: 02 DECEMBER 2025

TECHNICAL SPECIFICATION OF ITEM (DP-5)

TECHNICAL SPECIFICATIONS FOR PROCUREMENT OF 02 X VHF/UHF AM AIRBAND SDR ALONG WITH ALL ACCESSORIES.

Tech Specs

S/No	Description	Specification Specified
1.	Name of the item	VHF/UHF SDR AM AIRBAND RT
2.	Purpose	Air to ground, ground to air, ground to ground and air to air comm
3.	Brand	Bidder is to mention
4.	Model	Bidder is to mention
5.	Country of origin	USA/Japan/Germany/UK/EU
6.	Country of Manufacturer	Bidder is to mention
7.	Frequency Range	100 MHz – 512 MHz
8.	Channel Separation	8.33 KHz, 12.5 and 25 KHz
9.	No of Pre-set Channel	400 to 500
10.	Transmitter Power Output	Minimum 50 W
11.	Depth of Modulation	Close to 100%
12.	Sensitivity	$\geq 1.0 \mu$ Volt or ≤ 107 dBm
13.	Selectivity	≥ 60 dB
14.	Audio Output	4 Watts
15.	Microphone	Handheld microphone with a Push-To-Talk (PTT) switch specified as 600 ohms
16.	Headset/Speaker	500 ohms (for aviation headset), 32 ohms (for consumer headset) and generally over 100mW
17.	Antenna	Bidder is to mention
18.	Antenna Impedance	50 Ohms
19.	Power Supply requirement	Bidder is to mention
20.	Feeder Cable	50-meter coaxial feeder cable (such as RG-213 or LMR-400) with appropriate connectors and 01 set extra connectors is to be provided with each RT set. Cost of feeder cable and connectors is also to be mentioned if the cost is not included with main equipment.
21.	The equipment must have recorded provision, recording jack with connecting lead is to be provided with each RT.	
22.	Full details of accessories would be provided by the bidder.	
23.	Any other items required for making the equipment operational and serviceable would be provided by the bidder.	



**TENDER TERMS AND CONDITIONS FOR PROCUREMENT OF 02 X VHF/UHF AM AIRBAND SDR
ALONG WITH ALL ACCESSORIES .**

TERMS & CONDITION

1. Offers are invited from the prospective bidders for supply of 02 x VHF/UHF AM Airband SDR along with all accessories. Detail technical specifications of the items are given in Annex 'D'.
2. Bidder may participate in the tender directly as a principal supplier/manufacturer or through their local agent enlisted in Directorate General of Defence Purchase (DGDP) in Bangladesh. Authorization certificate from principal supplier/manufacturer to local agent is to be included with the offer.
3. If principal supplier is not the manufacturer of the items, in that case authorization certificate from manufacturer to principal supplier is to be included with the offer.
4. The bidder is to submit original brochure/catalog with the offer. All technical data provided with the quotation must be supported by the submitted brochure/catalog.
5. Guarantee certificate for at least 10 (ten) year's spare support of the offered equipment has to be enclosed with the offer.
6. 02 x Maintenance manual with illustrated parts catalogue in English is to be provided with the RT sets. The price of the manual is to be included with the price of RT sets, if the same is not provided free of cost (FOC).
7. Manufacturer's/ supplier's warranty/ guarantee certificates are to be submitted along with the item during shipment. Also, Original Equipment Manufacturers (OEM) Certificates are to be provided with the items.
8. Each item should be brand new, unused and latest product. Bidder should mention the year of production in the offer and it should not be earlier than 2025.
9. Appropriate software and necessary programming kits must have to be provided with the items (If required). Prices of the software and programming kits are to be included with the price of RT sets, if the same is/ are not provided free of cost (FOC).
10. BAF may disqualify the offer of a bidder/ supplier who has previous record of poor performance, such as abandoning the works, not properly completing the contract, excessive delay to supply the contracted items, litigation history or financial failures.
11. Warranty period of each item shall be minimum 01 (one) year from the date of satisfactory acceptance of the item by BAF.
12. If any item is found unsatisfactory/ unserviceable during functional check or within the warranty period, that must be replaced/ repaired free of cost by the supplier within 30 days from the date of reporting. Both ways airfreight and insurance charge for the unsatisfactory/ unserviceable item will be borne by the supplier.
13. If the supplier fails to repair/ replace any item/ equipment under warranty claim within the stipulated days as given above, then the warranty period would be extended by the number of days of delay in repairing/ replacing the item/ equipment under warranty.
14. Physical inspection of the equipment will be carried out at 201 MU BAF. Functional check of the equipment will be carried out in presence of supplier's representative at 205 MU BAF (if available). All the items are to be handed over to BAF by the supplier in serviceable and operational condition. Any item found unserviceable/ improper during inspection/ acceptance check is to be replaced with serviceable one by the supplier within 30 days.
15. Delivery of the items is to be completed within **10 months** from the date of signing the contract.
16. DGDP/ BAF reserves the right to accept or reject any bid or all bids at any time prior before signing the contract (without mentioning any reason to the bidders).
17. The Bidder has to mention the full details of accessories in the submitted brochure.
18. Necessary arrangement for BTRC license and clearance is to be done by the supplier (if required).



19. **Payment Terms.** Payment in foreign currency will be made through an irrevocable letter of credit (LC). LC will be opened at the expense of the supplier. LC amounting to 100% CPT value will be made operative in favour of supplier. Payment terms will be as under:

a. 70% CFR/CPT value will be paid on production of following documents to the bank:

(i) Original Airways Bill must be issued by Air lines or authorized agent of Air lines. Contract No, LC No and Bank Registration No are to be mentioned in the AWB. Freight amount must be shown in the Air Way Bill otherwise only FCA value will be paid. In addition to this, following will be considered:

- (ii) Name of the carrier must be indicated in AWB.
- (iii) Must be signed by the carrier or a named agent for on behalf of the carrier.
- (iv) Supplier's Signed Invoice.
- (v) Packing List.
- (vi) Certificate of origin.
- (vii) Manufacturer/Supplier's Warranty/Guarantee Certificate.
- (viii) Pre-shipment Inspection report from Supplier.

b. 20% CFR/ CPT value will be paid on satisfactory acceptance of the 100% items by BAF after inspection/functional test (as applicable) and on production of CRV from 201 MU BAF.

c. Rest 10% CFR/ CPT value will be paid after expiry of warranty period.

MISC TERMS & CONDITION

1. The bidder must mention the full address including Telephone number, Fax number and e-mail address in the offer. The bidder also mentions the name and full address (including Telephone number, Fax number and e-mail address) of the local agent (if any) in the offer.

2. Due to the fault of the bidder, if any change/amendment is required in the contract/LC, all such expenses/charges shall be borne by the bidder.

3. The cost of additional equipment /FOB including all charges is to be 'Firm and Fixed'. No increase of price at any stage after signing the contract will be accepted. If any item other than those already contracted is required, those are to be provided by the bidder within the contracted price.

4. Freight charges will be paid at actual, but not more than the contracted freight charge. As such, freight charge is to be mentioned in appropriate column of AWB/BL. Otherwise, FOB value of the supplied items will be paid.

5. Cost of freight/transportation charge and insurance for any surplus spares/accessories, which will be taken back after completion of assembly of Spatial Disorientation (SD) Trainer is to be borne by the bidder.

6. Bidders have to quote charges for air freight up to Dhaka, Bangladesh. The transportation of the equipment in Bangladesh (from airport to BAF site) is to be arranged and paid by the bidder.

7. The bidder is to quote FCA/ FOB cost and freight charges (by both air and sea) separately & clearly in financial offer. If freight is not quoted separately for each item, total freight will be distributed against each item based on its proportionate FCA/ FOB cost of all items. Any price/ cost quoted in the pages of quotation other than financial offer will not be considered.

8. The bidder is to mention the country of origin, country of manufacture and port of shipment of the items in the offer. After submission of offer country of origin, country of manufacturer will not be changed.

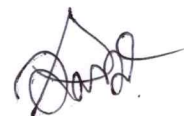
9. Offer must remain valid till 30 June 2026 from the date of opening the tender. Within the validity of the offer, withdrawal of offer or unwillingness to sign the contract by the bidder will not be accepted and in such cases action would be taken against the principal supplier and local agent as per DGDP rules.

10. Part shipment: Not allowed.

11. Part payment: Not Allowed.

12. AWB/BL must be in the name of consignee.

13. Normally transshipment is not allowed. However, if the bidder needs transshipment, they are to mention in the offer about their requirement. In case of such requirement, the transshipment may only be allowed under single AWB/BL.



14. Compliance of tender terms and conditions should be mentioned in the quotations by the bidders as per the above sequence.
15. Any other terms and conditions not covered here will be as per DGDP rules and regulations.

A handwritten signature in black ink, appearing to be 'S. S. S.', located in the upper right quadrant of the page.