

**TENDER SPECIFICATION FOR RADIO CONTROL UNIT OF V/UHF COMMUNICATION
SYSTEM - BN MPA**

1. **Item's Description.**

- a. Applicable Aircraft Model : Dornier 228-212NG
- b. Name of the System : V/UHF Communication System
- c. Name of the Item : Radio Control Unit
- d. Model : RCU-8153
- d. Part No : 822-1676-002
- e. Reference : Supplemental Illustrated Parts Catalog (SIPC) for aircraft serial number 8322 & 8327 (Chapter: 23-10-00).

2. **Purpose.** The V/UHF Radio Control Unit, located in the center pedestal, provides frequency, channel, mode selection, BIT test-initiation and audio level control.

3. **Quantity.** 01 (one) in no.

4. **Technical Specification.**

- a. Input Voltage : 28 V DC

5. **Manufacturer Details.**

- a. Country of Origin : USA.
- b. Manufacturer Address : ROCKWELL INTERNATIONAL COLLINS
GENERAL AVIATION DIV.
400 COLLINS ROAD
52498 CEDAR RAPIDS
USA

- c. Year of Manufacture : To be mentioned (Preferably 2021 or later).

6. **Source of Supply.** : OEM or OEM authorized principal.

7. **Scope of Supply.** New and Original item is to be supplied fulfilling all the criteria of tender specification.

8. **Test, Trial and Acceptance.** Final acceptance of the item will be given after visual inspection and functional test and operational test trial in MPA Fit Line.

9. **Warranty.**

- a. Warranty is to be given for trouble free operation for a period of minimum 12 months from the date of acceptance.

- b. If any defect/discrepancies arises within warranty period, then the respective item is to be replaced free of cost including freight within 02 months from the date of notification of the same to the supplier.

- c. Warranty period will be extended for the same amount of time the item will remain non-operational.

10. **Bidder's, Principals Identification and Qualification.**

- a. Bidder Address: (Full address, Contact no and E-mail address) : To be mentioned.
- b. Bidder's Qualification: OEM (Equipment/ Aircraft) or OEM authorized (Equipment/ Aircraft) principal can submit quotation.
- c. Principal's Address (Contact no and Email address) : To be mentioned.
- d. Principal's Qualification: OEM (Equipment/Aircraft) or OEM (Equipment) authorized principal can submit quotation.

11. **Certificates.**

- a. The bidder is to provide an Authenticity Certificate from OEM (Equipment/Aircraft)/ OEM (Equipment) authorized principal with the offer quotation.

- b. If the equipment is supplied from the OEM (Equipment) Authorized principal, the bidder is to provide an Authenticity Certificate from the OEM (Equipment) for the Authorized principal with the offer quotation.
- c. The Bidder is to provide Authorized Release Certificate (**ARC**)/ Manufacture's Certificate of Conformity (**C of C**) with the item.
- d. The Bidder is to provide a certificate of warranty/ Guarantee with the offer quotation.

12. Handling of Item.

- a. Delivery Point : NSD Chattogram.
- b. Country/ Port of Shipment : To be mentioned.
- c. Shipment (Air/Sea) : To be mentioned.
- d. Delivery Time : 60 days from the date of purchase order provided
- e. Consignee : For shipment of the unit, consignee should be as Mentioned below.

Commanding Officer
Naval Stores Depot
New Mooring
Chittagong-4218

or

Officer In-charge
Naval Sub Stores Depot, Dhaka
Naval Unit, Khilkhhet
Namapara, Dhaka-1229

13. Payment.

- a. Price : To be mentioned in Local Currency (BDT)
- b. Applicable Tax/VAT : Local Tax/VAT will be borne by supplier.
- c. Terms of payment : After satisfactory test/trial and acceptance by BN, 100% Payment will be made in local currency as per the existing rule.

14. Bidding Conditions.

- a. Offer Validity : The offer should remain valid up to 180 days.
- b. Brochure/Catalogue (if any) : To be provided with offer.
- c. Compliance Statement : A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotation. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offer, the deviation has to be clearly mentioned.



M KAMRUZZAMAN
Lieutenant BN
Air Electrical Officer
MPA Flight Line
Naval Aviation

TENDER SPECIFICATION FOR REMOTE ELECTRONIC UNIT OF INTERCOMMUNICATION SYSTEM - BN MPA

1. **Item's Description.**

- a. Applicable Aircraft Model : Dornier 228-212NG
- b. Name of the System : Intercommunication system
- c. Name of the Item : Remote Electronic Unit
- d. Model : DVCS6100
- e. Part No : REU6100-3-(110)
- f. Reference : Supplemental Illustrated Parts Catalog (SIPC) for aircraft serial number 8322 & 8327 (Chapter: 23-10-00).

2. **Purpose.** The REU receives the commands from the ACUs and accordingly influences and processes all incoming and outgoing audio signals, performs the logical functions necessary for keying the transceivers and for aircraft intercommunication and provides generation of up to 8 different aural tone signals (currently 5 used).

3. **Quantity.** 01 (one) in no.

4. **Technical Specification.**

- a. MOD HW : 1-6
- b. MOD SW : 2.50
- c. Input Voltage : 28 V DC
- d. Weight : 6.17 lbs.

5. **Manufacturer Details.**

- a. Country of Origin : Germany.
- b. Manufacturer Address : BECKER AVIONICS GmbH
BADEN AIRPARK GEB.B108
77835 RHEINMÜNSTER
Germany
- c. Year of Manufacture : To be mentioned (Preferably 2021 or later).

6. **Source of Supply.** : OEM or OEM authorized principal.

7. **Scope of Supply.** New and Original item is to be supplied fulfilling all the criteria of tender specification.

8. **Test, Trial and Acceptance.** Final acceptance of the item will be given after visual inspection and functional test and operational test trial in MPA Flt Line.

9. **Warranty.**

- a. Warranty is to be given for trouble free operation for a period of minimum 12 months from the date of acceptance.
- b. If any defect/discrepancies arises within warranty period, then the respective item is to be replaced free of cost including freight within 02 months from the date of notification of the same to the supplier.
- c. Warranty period will be extended for the same amount of time the item will remain non-operational.

10. **Bidder's, Principals Identification and Qualification.**

- a. Bidder Address: (Full address, Contact no and E-mail address) : To be mentioned.
- b. Bidder's Qualification. OEM (Equipment/ Aircraft) or OEM authorized (Equipment/ Aircraft) principal can submit quotation.
- c. Principal's Address (Contact no and Email address) : To be mentioned.
- d. Principal's Qualification: OEM (Equipment/Aircraft) or OEM (Equipment) authorized principal can submit quotation.

11. Certificates.

- a. The bidder is to provide an Authenticity Certificate from OEM (Equipment/Aircraft)/ OEM (Equipment) authorized principal with the offer quotation.
- b. If the equipment is supplied from the OEM (Equipment) Authorized principal, the bidder is to provide an Authenticity Certificate from the OEM (Equipment) for the Authorized principal with the offer quotation.
- c. The bidder is to provide Authorized Released Certificate (ARC) with the item.
- d. The Bidder is to provide a certificate of warranty/ Guarantee with the offer quotation.

12. Handling of Item.

- a. Delivery Point : NSD Chattogram.
- b. Country/ Port of Shipment : To be mentioned.
- c. Shipment (Air/Sea) : To be mentioned.
- d. Delivery Time : 60 days from the date of purchase order provided
- e. Consignee : For shipment of the unit, consignee should be as Mentioned below.

Commanding Officer
Naval Stores Depot
New Mooring
Chittagong-4218

or


Officer In-charge
Naval Sub Stores Depot, Dhaka
Naval Unit, Khilkhet
Namapara, Dhaka-1229

13. Payment.

- a. Price : To be mentioned in Local Currency (BDT)
 - b. Applicable Tax/VAT : Local Tax/VAT will be borne by supplier.
 - c. Terms of payment : After satisfactory test/trial and acceptance by BN, 100%
- Payment will be made in local currency as per the existing rule.

14. Bidding Conditions.

- a. Offer Validity : The offer should remain valid up to 180 days.
- b. Brochure/Catalogue (if any) : To be provided with offer.
- c. Compliance Statement : A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotation. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offer, the deviation has to be clearly mentioned.


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TENDER SPECIFICATION FOR AUDIO CONTROL UNIT OF INTERCOMMUNICATION SYSTEM - BN MPA

1. Item's Description.

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|----|---------------------------|--|
| a. | Applicable Aircraft Model | : Dornier 228-212NG |
| b. | Name of the System | : Intercommunication system |
| c. | Name of the Item | : Audio Control Unit |
| d. | Model | : DVCS6100 |
| e. | Part No | : ACU6100-1-(034) |
| f. | Reference | : Supplemental Illustrated Parts Catalog (SIPC) Revision-13,
(Chapter: 23-51-00). |

2. Purpose. The ACU is used to control the monitoring of all NAV radio equipment's and operation of all COM radio equipment's. The ACU 1 (pilot) and ACU 2 (copilot) are identical and consist of a microphone amplifier, loudspeaker amplifier, hot mic module, ident filter, voltage regulator and mother board.

3. Quantity. 02 (Two) in no.

4. Technical Specification.

- | | | |
|----|---------------|-------------|
| a. | MOD HW | : 1-5 |
| b. | MOD SW | : 1.30 |
| c. | Input Voltage | : 28 V DC |
| d. | Weight | : 1.76 lbs. |

5. Manufacturer Details.

- | | | |
|----|----------------------|---|
| a. | Country of Origin | : Germany. |
| b. | Manufacturer Address | : BECKER AVIONICS GmbH
BADEN AIRPARK GEB.B108
77835 RHEINMÜNSTER
Germany |
| c. | Year of Manufacture | : To be mentioned (Preferably 2021 or later). |

6. Source of Supply. : OEM or OEM authorized principal.

7. Scope of Supply. New and Original item is to be supplied fulfilling all the criteria of tender specification.

8. Test, Trial and Acceptance. Final acceptance of the item will be given after visual inspection and functional test and operational test trial in MPA Flt Line.

9. Warranty.

- a. Warranty is to be given for trouble free operation for a period of minimum 12 months from the date of acceptance.
- b. If any defect/discrepancies arises within warranty period, then the respective item is to be replaced free of cost including freight within 02 months from the date of notification of the same to the supplier.
- c. Warranty period will be extended for the same amount of time the item will remain non-operational.

10. Bidder's, Principals Identification and Qualification.

- | | | |
|----|--|--------------------|
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| b. | <u>Bidder's Qualification:</u> OEM (Equipment/ Aircraft) or OEM authorized (Equipment/ Aircraft) principal can submit quotation. | |
| c. | <u>Principal's Address</u> (Contact no and Email address) | : To be mentioned. |
| d. | <u>Principal's Qualification:</u> OEM (Equipment/Aircraft) or OEM (Equipment) authorized principal can submit quotation. | |

11. **Certificates.**

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- c. The bidder is to provide Authorized Released Certificate (ARC) with the item.
- d. The Bidder is to provide a certificate of warranty/ Guarantee with the offer quotation.

12. **Handling of Item.**

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13. **Payment.**

- a. Price : To be mentioned in Local Currency (BDT)
 - b. Applicable Tax/VAT : Local Tax/VAT will be borne by supplier.
 - c. Terms of payment : After satisfactory test/trial and acceptance by BN, 100%
- Payment will be made in local currency as per the existing rule.

14. **Bidding Conditions.**

- a. Offer Validity : The offer should remain valid up to 180 days.
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