

REQUEST FOR INFORMATION (RFI)
(To be uploaded on MoD and ICG websites)

PROCUREMENT OF GMDSS CONSOLES FOR ICG SHIPS

1. The Indian Coast Guard (ICG), Ministry of Defence intends to procure 21 Nos. compact GMDSS consoles (12 as per Ocean Area A3 and 09 as per Ocean Area A4 requirements) for fitment onboard Indian Coast Guard ships including life time maintenance support in form of warranty and AIAMC. All firms possessing capability to deliver such a solution are requested to provide the following information (**in hard and soft copy**) to the address mentioned at Para 8(b).
2. This request for information (RFI) consists of two parts as indicated below:-
 - (a) **Part-I.** The first part of the RFI incorporates operational characteristics and features that should be met by the equipment. Few important technical parameters of the proposed equipment are also mentioned.
 - (b) **Part-II.** The second part of the RFI states methodology of seeking response of vendors. Submission of incomplete response format will render the vendor liable for rejection.

PART-I

3. **The Intended use of equipment.** The GMDSS consoles are required to be installed onboard ICG ships for SAR requirements. The scope includes supply, installation & commissioning and life time maintenance support for the supplied equipment in terms of warranty and All Inclusive Maintenance Contract (AIAMC).
4. **Quantity required and anticipated delivery timeframes.** Total quantity required is 21 (12 as per Ocean Area A3 and 09 as per Ocean Area A4 requirements). The equipment are required to be delivered and installed within one year of contract conclusion.
5. **Important technical parameters.** Operational/ Technical requirements are placed at **Appendix 'A'** of this document.
6. **Additional specifications.** The aim of seeking this RFI is to finalise the specifications (SQRs) for the GMDSS consoles, establish the tentative cost of the proposal and also to identify suitable vendors for issuing RFP for the procurement proposal. Accordingly following questionnaire also needs to be answered:-
 - (a) Whether Indian Vendor are capable to indigenously design and develop the required solution or through ToT agreement? If so, the time frame and details thereof.

(b) Whether the vendor is capable of supplying GMDSS Consoles for Indian Coast Guard ships.

(c) Suggestions for alternatives to meet the same objective as mentioned in RFI.

(d) Whether the vendor is authorised OEM/ dealer/ distributor/ reseller of GMDSS console for sale, installation & commissioning and lifecycle maintenance support for equipment in India? If yes, furnish relevant supporting documents.

(e) Furnish copy of the applicable certification/ type approval certificate of the proposed equipment, if applicable.

(f) Whether the vendor is capable for providing lifetime maintenance / AIAMC support at various locations in India including Andaman & Nicobar and Lakshadweep & Minicoy Islands. If yes, furnish locations of maintenance support centres available in India.

(g) What is the past experience of vendor in supplying, installation & commissioning and providing maintenance support in respect of GMDSS Consoles or other similar equipment in India? Furnish client details.

(h) Whether any vigilance enquiry has either been undertaken in the past or contemplated on the firm?

(j) The lead time for delivery of the equipment after signing of contract.

(k) Budgetary Estimates of the equipment.

(l) Acceptability of payment terms as per DPP-2016.

(m) Whether the vendor would be able to comply with all provisions of DPP-2016 or not. If not, Para/ Clause of DPP would not be agreed to with reasons.

(n) Vendor may consider RFI as advance information to obtain requisite government clearances.

(p) Complete Postal Address of the vendor for issue of RFP (if shortlisted) along with telephone number, fax number and email address.

7. Vendors should confirm that following conditions are acceptable:-

(a) The solicitation of offers will be as per 'Single Stage – Two Bid System'. It would imply that a 'Request for Proposal' would be issued soliciting the technical and commercial offers together, but in two separate sealed envelopes. The validity of commercial offers would be at least 18 months from the date of submitting of offers.

- (b) The technical offers would be evaluated by a Technical Evaluation Committee (TEC) to check its compliance with RFP.
- (c) The TEC cleared vendors would be put through Field Evaluation Trials (FET) on a 'No Cost No Commitment' basis at a location in India specified by Indian Coast Guard.
- (d) Among the vendors cleared during FET, a Contract Negotiation Committee (CNC) would decide the lowest bidder (L1) and conclude the contract.
- (e) Vendor would be bound to provide product support for time period specified in the RFP, which includes spares and maintenance tools/ jigs/ fixtures for field and component level repairs.
- (f) The vendor would be required to accept the general conditions of contract given in the standard contract document given in DPP – 2016 placed at www.mod.nic.in.
- (g) An Integrity Pact along with IPBG is a mandatory requirement in the instant case.
- (h) A Performance-cum-Warranty Bond both equal to 5% value of the contract is required to be submitted after signing of contract.

PART-II

8. Procedure for response.

- (a) The response to this RFI shall be submitted both in hard copy and soft copy (on CD/DVD) to the address mentioned at Para 8(b). The response shall include the details sought at Part-I of this RFI. In addition, the vendors must fill the form of response as placed at **Appendix 'B'** to this RFI. Apart from filling details about the company, details about the exact product meeting our generic technical specifications should also be carefully filled. Additional literature on the product can also be attached with the form.
- (b) The filled form should be dispatched to the under mentioned address:-
- The Director General
{ for Principal Director (Operations)}
National Stadium Complex
Purana Quila Road
New Delhi – 110 001
Email ID : cgwandelhi@bol.net.in
- (c) Last date of acceptance of filled form is **05 May 17**. The vendors shortlisted for issue of RFP would be intimated.

9. The Government of India invites responses to this request only from Original Equipment Manufacturers (OEMs)/ Authorised Dealers/ Distributors/ Resellers in India/ Government Sponsored Export Agencies (applicable in the case of countries where domestic law do not permit direct export by OEMs). The end user of the equipment is Indian Coast Guard.

10. This information is being issued with no financial commitment and the Ministry of Defence reserves the right to change or vary any part thereof at any stage. The Government of India also reserves the right to withdraw it should it be so necessary at any stage. The acquisition process would be carried out under the provisions of DPP 2016 available on www.mod.nic.in.

Date: 23 Mar 17



(KC Singh)
Commandant
JD Com (P & P)
for Director General

OPERATIONAL CHARACTERISTICS AND DESIRED FEATURES
GMDSS CONSOLES FOR ICG SHIPS

Operational Requirements

1. Proposed solutions for the 21 GMDSS console required for Indian Coast Guard ships must comply for the GMDSS requirements (12 upto Ocean Area A3 and 09 upto Ocean Area A4). The proposed solution shall be capable of following:-

- (a) Transmitting ship-to-shore Distress Alerts by at least two separate and independent means, each using a different radio communication service.
- (b) Receiving shore-to-ship Distress Alerts.
- (c) Transmitting and receiving ship-to-ship Distress Alerts.
- (d) Transmitting and receiving search and rescue co-ordinating communications.
- (e) Transmitting and receiving on-scene communications.
- (f) Transmitting and receiving locating signals.
- (g) Receiving maritime safety information.
- (h) Transmitting and receiving general radio communications relating to the management and operation of the ship.
- (j) Transmitting and receiving bridge-to-bridge communications.

2. The Console must comprise of following equipment:-

- (a) One VHF set with following features:-
 - (i) Voice and automated distress alerting via Digital Selective Calling (DSC).
 - (ii) Simplex/ Semi-Duplex communication.

- (iii) Capable of transmitting DSC on Channel 70 and radiotelephony on Channel 16.
 - (iii) Channel 70 watch receiver.
- (b) MF/HF sets with following features (One set per A3 console and two sets per A4 Consoles):-
- (i) Freq. : MF – 2 MHz, HF - 3 to 30 MHz
 - (ii) Voice, DSC and Narrow Band Direct Printing (NBDP) facility.
 - (iii) Receiver Frequencies selectable between 100 KHz and 30 MHz in 10 Hz steps.
 - (iv) Capable of transmitting and receiving on MF frequencies 2187.5 KHz using DSC and 2182 KHz using radiotelephony.
 - (v) DSC watch keeping receiver operating on 2187.5 KHz.
 - (vi) Capable of transmitting and receiving general radio communications using radiotelephony or direct printing telegraphy on working frequencies in the (marine) bands between 1,605 KHz and 27,500 KHz.
- (c) One Inmarsat Terminal with following features:-
- (i) EGC Receiver
 - (ii) Distress Message Handling
 - (iii) Capable of initiating distress alert by remote distress alert unit.
 - (iv) Two way digital store and forward messaging including polling, data reporting, E-mail etc.
- (d) Navtex Receiver with following features:-
- (i) Capability to store minimum 60 message identifications for upto 48 hours.
 - (ii) Able to verify ID of every new message received and printing only the new ones.

General Requirements

3. **Connectors**. The console should have the facility for provision of necessary connectors for its operations and interfacing. The number of these connectors should be sufficient to meet all the system operational requirements.
4. **Antenna system**. The whole antenna system shall be designed specifically for the marine environment. Coast Guard Fast Patrol Boats can go up to speeds of 45 knots and hovercrafts can go up to speeds of 55 knots. The bigger ships can achieve speeds up to 27 knots. The above deck equipment shall be able to withstand these speeds. EMI/EMC aspects with other equipment fitted onboard ships to be factored during installation.
5. **Operational temperature**.
 - (a) Above Deck Units - 0°C to +55°C
 - (b) Below Deck Units - 0°C to +50°C
6. **Design and fitment**. The system shall be ergonomically designed and fitted onboard ships so that the operator can use it with utmost comfort. Control and display of maximum components should be made available to the operators at a single location.
7. **Power supply**. Indian Coast Guard ships are having power generation systems with few of them having 110 V A/C and others having 230 V A/C. Therefore the equipment is required to be compatible to operate as per the available generated voltage. UPS shall be provided for hardware for two hours back up.
8. **Installation and commissioning**. The vendor is required to install the equipment at various locations across India. All associated jobs including cabling, ducting, erecting of mounting/platforms etc in connection with the installation are required to be undertaken by the vendor.
9. **AIAMC support**. Post installation and commissioning, vendor is required to provide life time maintenance support in terms of 'All Inclusive Annual Maintenance Contract (AIAMC)'.
10. Vendors are required to submit the operational and technical specifications of the proposed solutions for finalisation of SQRs.

INFORMATION PROFORMA (INDIAN VENDORS)1. **Name of the Vendor/Company/Firm**

(Company profile including Share Holding pattern, in brief, to be attached)

2. **Type (Tick the relevant category)**

Original Equipment Manufacturer (OEM)	Yes/No
Authorised Vendor of foreign Firm	Yes/No (attach details, if yes)
Others (give specific details)	

3. **Contact Details****Postal Address:**

City: _____ State: _____

Pin Code: _____ Tele: _____

Fax: _____ URL/Web Site: _____

4. **Local Branch/Liaison Office in Delhi (if any)**

Name & Address: _____

Pin code: _____ Tel: _____ Fax: _____

5. **Financial Details**

(a) Category of Industry (Large/Medium/Small Scale): _____

(b) Annual turnover: _____ (in INR)

(c) Number of employees in firm: _____

- (d) Details of manufacturing infrastructure: _____
- (e) Earlier contracts with Indian Ministry of Defence/Government agencies:

Contract Number	Equipment	Quantity	Cost

6. **Certification by Quality Assurance Organisation.**

Name of Agency	Certification	Applicable from (Date & Year)	Valid till (Date & Year)

7. **Details of Registration.**

Agenc	Registration No.	Validity (Date)	Equipment
DGS&D			
DGQA/DGAQA/DGNAI			
OFB			
DRDO			
Any other Government Agency			

8. **Membership of FICCI/ASSOCHAM/CII or other Industrial Associations.**

Name of Organisation

Membership Number

9. **Equipment/Product Profile (to be submitted for each product separately)**

- (a) Name of Product: _____

(IDDM Capability be indicated against the product)

(Should be given category wise for e.g. all products under night vision devices to be mentioned together)

- (b) Description (attach technical literature): _____

- (c) Whether OEM or Integrator: _____

- (d) Name and address of Foreign collaborator (if any): _____

- (e) Industrial Licence Number: _____

- (f) Indigenous component of the product (in percentage): _____
- (g) Status (in service/design & development stage): _____
- (h) Production capacity per annum: _____
- (j) Countries/agencies where equipment supplied earlier (give details of quantity supplied):

- (k) Estimated price of the equipment _____

10. Alternatives for meeting the objectives of the equipment set forth in the RFI.

11. Any other relevant information: _____

12. **Declaration.** It is certified that the above information is true and any changes will be intimated at the earliest.

Note: Para 44 and Appendix F to Chapter II of DPP-2016 may be referred.

(Authorised Signatory)

INFORMATION PROFORMA (FOREIGN VENDORS)1. **Name of the Vendor/Company/Firm.**

(Company profile, in brief, to be attached)

2. **Type (Tick the relevant category).**

Original Equipment Manufacturer (OEM)	Yes/No
Government sponsored Export Agency	Yes/No (Details of registration to be provided)
Authorised Vendor of OEM	Yes/No (attach details)
Others (give specific details) _____	

3. **Contact Details.**Postal Address: _____

City: _____ Province : _____ Country: _____

Pin/Zip Code : _____ Tele : _____ Fax : _____

URL/Web Site: _____

4. **Local Branch/Liaison Office/Authorised Representatives, in India (if any).**

Name & Address: _____

City : _____ Province : _____

Pin code : _____ Tel : _____ Fax : _____

5. **Financial Details.**

(a) Annual turnover: _____ USD

(b) Number of Employees in firm _____

(c) Details of manufacturing infrastructure available _____

(d) Earlier contracts with Indian Ministry of Defence/Government agencies:

Agency	Contract Number	Equipment	Quantity	Cost

6. **Certification by Quality Assurance Organisation (If Applicable)**

Name of Agency	Certification	Applicable from (date & year)	Valid till (date & year)

7. **Equipment/Product Profile (to be submitted for each product separately)**

- (a) Name of Product: _____
(Should be given category wise for e.g. all products under night vision devices to be mentioned together)
- (b) Description (attach technical literature): _____
- (c) Whether OEM or Integrator: _____
- (d) Status (in service/Design development stage): _____
- (e) Production capacity per annum: _____
- (e) Countries where equipment is in service: _____
- (f) Whether export clearance is required from respective Government: _
- (h) Any collaboration/joint venture/co production/authorised dealer with Indian Industry (give details):
Name & Address: _____ Tel : ___ Fax : _
- (j) Estimated price of the equipment _____

8. Alternatives for meeting the objectives of the equipment set forth in the RFI.

9. Any other relevant information. _____

10. **Declaration**. It is certified that the above information is true and any changes will be intimated at the earliest.

Note: Para 44 and Appendix F to Chapter II of DPP-2016 may be referred.

(Authorised Signatory)