

GENERAL:

Following details are required to be submitted by the vendor;

- a. Expression of Interest
- b. Company Profile
- c. List of manufactured items
- d. List of major valued customers
- e. List of Plant/s and machineries
- f. ISO certification (if applicable)
- g. Complete reference list
- h. Number of personnel working in the company for the subject job
- i. Other relevant data/information

SCOPE OF SUPPLY:

The preliminary scope of supply is mentioned hereunder. The details scope of supply can be worked out by Vendor in-consultation with AAGL.

Integrated Bridge and platform management system including type approved ECDIS and GMDSS with AIS and other International requirements for SOLAS.

Following **Nav aids** shall be provided by Integrated Bridge and Platform Management System;

- (a) Magnetic Compass
- (b) COTS (Commercial Off The Shelf) Radar 'I' Band from any of the following mentioned vendors only;
 - i. Bridge Master 'E', M/s. Speery Marine
 - ii. Radar RTM with NAV Bat display or Selux T340C ARPA display, M/s Selesmar
 - iii. Radar Nucleus, M/s. Kelvin Hughes
- (c) Gyro Two in number Anshutz 20 M (or latest in service) Gyros with analog repeaters, one each on center line of the Bridge, Port and STBD wings and ASP. Digital displays at a total of 5 locations with analog and digital feeds, as required for navigational and survey equipment.
- (d) Speed Log, One Digital EM Keltron Log
- (e) IFF Mk 1410 NV Transponder
- (f) GPS (AAGL Supply)
- (g) Echosounder (AAGL Supply)

Following **Meteorological equipments** will be combined in a suitable integrated suite, to provide necessary parameters;

- (a) Wind Speed Direction System
- (b) Whirling Psychrometer
- (c) Hydrometer
- (d) Precision Aneroid Barometer
- (e) Automated Picture Transmitter Weather Fax Receiver
- (f) Thermometer – Wet and Dry

- (g) Min and Max Thermometer
- (h) Weekly Barograph
- (i) Continuous Sea Surface Temperature Probe (Hull Mounted)

External Communication Set

- (a) Hand held V/UHF Tx/Rx sets with VOX Speech Secrecy Module, associated battery chargers and one spare battery for each set (GP 338 with SC-406 SSE Motorola) – 6

Associated Systems

- (a) STD 'M' INMARSAT/INSAT 3B`S' Band terminal - 01
- (b) Data Communication terminal with associated printers - 02
- (c) DAT recorder - 01
- (d) Crypto Computer (PIV with biometric device, printer and UPS as per COTS policy) - 01

GMDSS Equipment

- (a) GMDSS compliant MMB VHF Tx/Rx with DSC (RT 48222) - 01
- (b) GMDSS compliant hand held VHF Tx/Rx (SP 9110) - 02
- (c) SART(TBR 600) - 01
- (d) EPIRB (406 MHZ) - 01
- (e) INMARSAT 'C' terminal with EGC Rx (Scansat-CT)- 01
- (f) Navtex Receiver - 01

Visual Signalling equipment

- (a) 15" Signalling Projectors - 02
- (b) Aldis lamps - 02

Internal Communication Equipment

- (a) Auto telephone
- (b) Conning, Machinery and Survey Intercoms
- (c) Main broadcast
- (d) Loud Hailer

Entertainment / Recreation Equipments