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REGISTERED

Indian Coast Guard Air Station (CH)
Rudra Road, St Thomas Mount
Chennai-600016

438/31/MW/28/18-19

23 May 19

M/s.....

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**INVITATION OF BIDS FOR ANNUAL MAINTENANCE CONTRACT (AMC) OF
ELECTRICAL EQUIPMENT & GROUND POWER UNITS (02 NOS) FOR
ICGAS (CHN) & 744 SQN (CG)
(RFP) No: ICGAS (CHN)/TECH/TE/MW/05/19-20 dated 23 May 19**

Sir,

1. Bids in sealed cover are invited for conclusion of Annual Maintenance Contract (AMC) of Electrical Equipment & Ground Power units for ICGAS (Chennai). Please super scribe the above mentioned Title, RFP number and date of opening of the Bids on the sealed cover to avoid the bid being declared invalid.

2. The address and contact numbers for sending bids or seeking clarifications regarding this RFP are given below:-

(a) Bids/queries to be addressed to : The Commanding Officer

(b) Postal address for sending the Bids : Indian Coast Guard Air Station
Rudra Road
St Thomas Mount
Chennai 600016

(c) Telephone No. of contact personnel : 044-22344860, 23460490

(d) Fax number : 044-23460493, 22320168

3. This RFP is divided into five parts as follows:

(a). **Part I** - Contains general information and instructions for the bidders about the RFP such as the time, place of submission and opening of tenders, validity period of tenders, etc.

(b). **Part II** - The second part contains details of the items/services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details. This being an RFP for Implementation of ERP, it will also contain the functional and technical parameters of the proposed application and associated software components, implementation, training and maintenance services and system integration services.

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- (c). **Part III** - Contains standard conditions of RFP, which will form part of the contract with the successful bidder.
- (d). **Part IV** - The fourth part contains special conditions applicable to this RFP and which will also form part of the contract with the successful bidder.
- (e). **Part V** - Contains evaluation criteria and format for price bids.
4. This RFP is being issued with no financial commitment and the buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the RFP, should it become necessary at any stage.
5. RFP part I, II, III, IV and V are enclosed herewith.
6. The para marked with "**Not Applicable**" will not be considered as part of RFP.

Yours faithfully,



(G Venkatesh)
Commandant
Station Air Electrical Officer
for Commanding Officer

Encl: As above.

Part I – General information

1. **Last date and time for depositing the Bids: 0900 HRS ON 06 Jun 2019**

The sealed bids (both technical and commercial, in case two bids are called for) should be deposited/reach by the due date and time. The responsibility to ensure this lies with the bidder.

2. **Manner of depositing the bids:** Sealed bids should be either dropped in the tender box marked as “**TENDER BOX NON TECHNICAL/TECHNICAL**” or sent by registered post at the address given above so as to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or non-delivery/ non-receipt of bid documents. Bids sent by FAX or e-mail will not be considered (unless they have been specifically called for by these modes due to urgency).

3. **Time and date for opening of bids : 0930 HRS on 06 Jun 2019**

(If due to any exigency, the due date for opening of the bids is declared a closed holiday, the bids will be opened on the next working day at the same time or on any other day/time, as intimated by the buyer).

4. **Location of the tender box: New Admin Building right wing parking area of Indian Coast Guard Air Station Chennai-16.** Only those bids that are found in the tender box will be opened. Bids dropped in the wrong tender box will be rendered invalid.

5. **Place of opening of the bids: ICGAS Chennai (conference room):** The bidders may depute their representatives, duly authorized in writing, to attend the opening of bids on the due date and time. Rates and important commercial/technical clauses quoted by all bidders will be read out in the presence of the representatives of all the bidders. This event will not be postponed due to non-presence of your representative.

6. **Two-Bid system: Blank**

7. **Forwarding of bids** – Bids should be forwarded by bidders under their original memo / letter pad inter alia furnishing details like TIN number, GST number, Bank address with EFT account if applicable, etc and complete postal & e-mail address of their office.

8. **Clarification regarding contents of the RFP:** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the buyer in writing about the clarifications sought not later than 07 (seven) days prior to the date of opening of the bids. Copies of the query and clarification by the purchaser will be sent to all prospective bidders who have received the bidding documents.

9. **Modification and withdrawal of bids:** A bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by fax but it should be followed by a signed confirmation copy to be sent by post and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in bidder's forfeiture of bid security.
10. **Clarification regarding contents of the bids:** During evaluation and comparison of bids, the buyer may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.
11. **Rejection of bids:** Canvassing by the bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.
12. **Unwillingness to quote:** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of opening of the bid, failing which the defaulting bidder may be delisted for the given range of items as mentioned in this RFP.
13. **Validity of bids:** The bids should remain valid till **180 days** from the last date of submission of the bids.
14. **Earnest Money Deposit:** **Bidders are required to submit Earnest Money Deposit (EMD) for amount of Rs 30,000.00** along with their bids along with their bids. The EMD may be submitted in the form of an Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque of Bank Guarantee from any of the public sector banks or a private sector bank authorized to conduct government business as per Form DPM-16 (Available in MoD website and can be provided on request). EMD is to remain valid for a period of forty-five days beyond the final bid validity period, EMD of the final bid validity and latest on or before the 30th day after the award of the contract. The Bid Security of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. EMD is not required to be submitted by those Bidders who are registered with the Central Purchase Organization (e.g DGS&D), National Small Industries Corporation (NSIC) or any department of MoD or MoD itself. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender.

Part II : Essential details of items/services required

1. **Schedule of requirements.** Annual maintenance contract (AMC) of Electrical Equipment & Ground Power units (02 NOS) for ICGAS (Chennai) & 744 Sqn (CG) including replacement of consumables, Engine Oil/ Oil filters for period of one year with following Term & Conditions :-

(a) All periodical routines falling due (as per OEM maintenance Schedule) during the currency of the subject AMC including Breakdown servicing.

(b) Scope of work, List of items and Terms & conditions as laid down at **Appendix-'A'**

2. **Obligation of Seller:** The responsibilities of the Seller as part of the proposal are enumerated in the succeeding paragraphs.

(a) Inspection of all the equipments projected under Annual Maintenance Contract (AMC) may be thoroughly carried out to avoid ambiguity at a later stage before offering the commercial bid.

(b) Firm is requested to position 01 supervisor (Diploma equivalent) along with 02 Skilled (ITI equivalent) and 02 Semi- skilled technicians for the maintenance/ servicing of GSE items.

(c) All personnel should be of Indian nationality and in possession of any POI (AADHAR/ PAN/ DL/ VOTER ID/ PASSPORT) above 18 years of age and can speak fluently either Hindi or English.

(d) All personnel to wear neat and clean dress as convenient and should keep a mobile with (preferably non-smart phone) with active number for contact during any emergency/real time operation.

(e) The personnel need to be disciplined and behave properly with service person i.e customers.

(f) For the purpose of 08 hrs duty per day (Monday-Friday) 04 Hrs Saturday, timing will be fixed by the Commanding Officer, Coast Guard Air Station, Chennai. Holidays will be only on Sundays and National closed holidays. Requirement of service on Saturday/Sunday are on need basis and will be intimated 24 hours in advance. Reporting time of technician to be adhered, attendance to be maintained by GSE I/c.

(g) The Contractor has to maintain "Defect Register" and all the defects entered by GSE I/c in defect register has to be rectified within 48 hrs and for defect required to be offloaded to third party are to be completed within 3 days. In case the firm is unable to attend the defect in stipulated time, a penalty of Rs. 1000/- up to a maximum of 3000/- per day per defect will be imposed on the firm. The said amount may be recovered in successive Contingent Bill stage itself.

(h) If the Personnel's performance is found to be not satisfactory to carry out the maintenance of the GSE, the firm has to replace those personnel immediately.

(j) Calibration of Electrical Equipment & GPU (02 Nos) gauges to be done from NABL (National Accreditation of Board for Laboratories) approved agencies.

(k) The contractor shall provide all spares/Consumable/Oil/Knob/switches as per manual specification and shall use their own tools at their own cost.

(l) In the event of any defect amounting more than 5% of the total present cost of equipment, it will be not part of AMC. Then a separate work order to be issued by the customer.

(m) While working on Electrical Equipment & GPU (02 Nos) any injury to your maintenance personnel happens will be attributed to contractor.

(n) In the event of any ambiguity/clarification arising under these conditions, the decision from the customer side will be of the Commanding Officer, Coast Guard Air Station, Chennai-16 or any other officer nominated by him.

(p) Any dispute arising under these conditions subject to Chennai jurisdiction only.

(q) **Safety of Men.** The CONTRACTOR is to ensure adequate safety guard is provided for personnel when employed on work where human risk of health/injury is involved.

(r) **First Aid.** The CONTRACTOR is liable to provide immediate first aid/hospitalization in case of accident/ sudden illness to personnel.

(s) **OEM Certificate.** OEM certificate for replacement of all consumables/spares and other accessories in contract should be submitted to the Station Quality Assurance cell (SQAC) at the time of replacement whenever a need arises so.

(t) **Transportation.** Transportation of item to firms work shop or whatsoever will be done by the Contractor and the Buyer is not liable to be charged for any means of transportation.

3. **Obligation of the Buyer:** The Buyer shall:

(a) Ensure the installation area, electrical outlets, power supplies and Electrical connections are supplied in accordance with requirements.

(b) Submit bill for payment to accounting department as per the payment schedule.

(c) Provide all necessary assistance such as security clearance at site to the Contractor during the entire visit.

4. **Financial**: Payment will be made in four equal installments on three monthly basis through DCDA (N), Chennai after satisfactory completion of Annual Maintenance Contract (AMC) for the respective period.

5. **General Terms**

(a) The contract comes into force when signed by or on behalf of the Buyer and the Seller.

(b) The Contract together with Appendix-'A', hereto affixed constitutes the Binding Agreement entered into by and between the customer and the Contractor for the maintenance of the systems and on the terms and conditions specified in this contract.

(c) The contract will remain in force for a period of twelve months w.e.f. the signing of the AMC, provided if not terminated earlier for reasons as mentioned in this RFP.

(d) Should the Buyer decide to induct additional system into the service or decide to exclude any system from the service falling under the same category under existing rate of AMC then the Buyer will have the discretion to direct the Seller to include or exclude that system also within the ambit of the contract starting from the date of induction of the equipment till expiry of the AMC or for any other period in between and the Seller is bound to carry out the same on pro-rata basis.

6. **Two-Bid System** – **Blank**

7. **Delivery Period** – AMC should be commenced from the effective date of signing of contract. Contract can be cancelled unilaterally by the buyer in case AMC of Electrical Equipment & Ground Power units for ICGAS (Chennai) is not commenced within the stipulated period. Extension of commencement date will be at the sole discretion of the buyer, with applicability of LD clause.

8. **INCOTERMS for Delivery and Transportation** – **Not Applicable**

9. **Consignee details**

**The Commanding Officer, Coast Guard Air Station, St. Thomas Mount,
Rudra Road, Chennai -600016**

Part III – Standard Conditions of RFP

The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of the Bid submitted by the Bidder.

1. **Law:** The contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract:** The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration:** All disputes or differences arising out of or in connection with the contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. The standard clause of arbitration is as per Forms DPM-2009.
4. **Penalty for use of undue influence:** The seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the buyer or otherwise in procuring the contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present contract or any other contract with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the present contract or any other contract with the Government of India. Any breach of the aforesaid undertaking by the seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the seller) or the commission of any offers by the seller or anyone employed by him or acting on his behalf, as defined in chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other act enacted for the prevention of corruption shall entitle the buyer to cancel the contract and all or any other contracts with the seller and recover from the seller the amount of any loss arising from such cancellation. A decision of the buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer/employee of the buyer or to any other person in a position to influence any officer/employee of the buyer for showing any favour in relation to this or any other contract, shall render the seller to such liability/ penalty as the buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the bank guarantee and refund of the amounts paid by the buyer.

5. **Agents / Agency commission:** The seller confirms and declares to the buyer that the seller is the original manufacturer of the stores/provider of the services referred to in this contract and has not engaged any individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to the award of the contract to the seller; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The seller agrees that if it is established at any time to the satisfaction of the buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the buyer that the seller has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, the seller will be liable to refund that amount to the buyer. The seller will also be debarred from entering into any supply contract with the Government of India for a minimum period of five years. The buyer will also have a right to consider cancellation of the contract either wholly or in part, without any entitlement or compensation to the seller who shall in such an event be liable to refund all payments made by the buyer in terms of the contract along with interest at the rate of 2% per annum above LIBOR rate. The buyer will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

6. **Access to Books of Accounts:** In case it is found to the satisfaction of the buyer that the seller has engaged an agent or paid commission or influenced any person to obtain the contract in clauses relating to Agents/Agency commission and penalty for use of undue influence, the seller, on a specific request of the buyer, shall provide necessary information/inspection of the relevant financial documents/information.

7. **Non-disclosure of contract documents:** Except with the written consent of the buyer/seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

8. **Liquidated Damages:** (a) In event of breakdown calls not attended within 24 hours. Liquidated damage at the rate of 0.5% per week subject to a maximum of 10% will be invoked of the contract price.

(b) It is further stated that if the down time of equipments exceeds beyond 24 hrs (01 Day), it will be recovered from the firm. The damage will be compensated by paying back to Indian Coast Guard an amount equal to (AMC amount/365) per day or by extending that many days beyond AMC period as preferred by the Indian Coast Guard.

9. **Termination of Contract:** The buyer shall have the right to terminate this contract in part or in full in any of the following cases:-

(a) The delivery of the material/ services is delayed for causes not attributable to Force Majeure for more than (01month) after the scheduled date of delivery.

(b) The Seller is declared bankrupt or becomes insolvent.

(c) The Buyer has noticed that the Seller has utilised the services of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.

(d) The delivery of material/ service is delayed due to causes of Force Majeure by more than (02 months) provided Force Majeure clause is invoked.

(e) As per decision of the Arbitration Tribunal.

(f) The delivery of the material is delayed for causes not attributable to Force Majeure for more than (02 months) after the scheduled date of delivery.

(g) The Seller requires to give 03 months notice for premature surrender of contract from date intent ended to terminate services. In such premature termination, the Seller bound to provide services at 1/3 of actual charges for 03 months (from the date of approval of such Notice by the Buyer) whilst maintaining the quality of service as per contract. In case of non-satisfactory/ non-rendering of service during the said period, the Buyer is within his right to deduct appropriate amount from the PBG/ outstanding dues.

(h) The Buyer reserves the right to terminate the contract prematurely if the Seller fails to provide services in a stipulated time frame or if the services are found to be of inferior quality on account of poor material / workmanship or without assigning any reasons.

10. **Notices:** Any notice required or permitted by the contract shall be written in the english language and may be delivered personally or may be sent by FAX or registered pre-paid mail/airmail, addressed to the last known address of the party to whom it is sent.

11. **Transfer and Sub-letting:** The seller has no right to give, bargain, sell, assign or sublet or otherwise dispose of the contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present contract or any part thereof.

12. **Patents and other Industrial Property Rights: Not applicable.**

13. **Amendments:** No provision of present contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this contract and signed on behalf of both the parties and which expressly states to amend the present contract.

14. **GST and duties-**

- a) **In respect of Foreign Bidders: NA**
- b) **In respect of Indigenous bidders**

(i) **General:-**

aa) If Bidder desires to ask for excise duty or GST extra, the same must be specifically stated. In the absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same will be entertained.

ab) If reimbursement of GST is intended as extra over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of GST will be entreated after the opening of tenders.

ac) If a Bidder chooses to quote a price inclusive of GST and does not confirm inclusive of GST so included is firm and final, he should clearly indicate the rate of GST and quantum of GST included in the price. Failure to do so may result in ignoring of such offers summarily.

ad) If a Bidder is exempted from payment of GST upto any value of supplies from them, he should clearly state that no GST will be charged by him up to the limit of exemption which he may have. If any concession is available in regard to rate/quantum of GST, it should be brought out clearly. Stipulations like, the said GST was presently not applicable but the same will be charged if it becomes leviable later on, will not be accepted unless in such cases it is clearly stated by a Bidder that such GST will not be charged by him even if the same becomes applicable later on. In respect of the Bidders, who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of GST which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders.

ae) Any change in any duty/GST upward/downward as a result of any statutory variation in excise taking place within contract terms shall be allowed to the extent of actual quantum of such duty/GST paid by the supplier. Similarly, in case of downward revision in any duty/GST, the actual quantum of reduction of such duty/GST shall be reimbursed to the Buyer by the Seller. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the Seller.

(ii) **Customs Duty : Not Applicable**

(iii) **Excise Duty:-**

1. Where the excise duty is payable on advalorem basis, the Bidder should submit along with the tender, the relevant form and the Manufacturer's price list showing the actual assessable value of the stores as approved by the Excise authorities.

2. Bidders should note that in case any refund of excise duty is granted to them by Excise authorities in respect of Stores supplied under the contract, they will pass on the credit to the Buyer immediately along with a certificate that the credit so passed on relates to the Excise Duty, originally paid for the stores supplied under the contract. In case of their failure to do so, within 10 days of the issue of the excise duty refund orders to them by the Excise Authorities the Buyer would be empowered to deduct a sum equivalent to the amount refunded by the Excise Authorities without any further reference to them from any of their outstanding bills against the contract or any other pending Government Contract and that no disputes on this account would be raised by them.

3. The Seller is also required to furnish to the Paying Authority the following certificates:

(a) Certificate with each bill to the effect that no refund has been obtained in respect of the reimbursement of excise duty made to the Seller during three months immediately preceding the date of the claim covered by the relevant bill.

(b) Certificate as to whether refunds have been obtained or applied for by them or not in the preceding financial year after the annual Audit of their accounts also indicating details of such refunds/applications, if any.

(c) A certificate along with the final payment bills of the Seller to the effect whether or not they have any pending appeal/protest for refund or partial refund of excise duties already reimbursed to the Seller by the Government pending with the Excise authorities and if so, the nature, the amount involved, and the position of such appeals.

(d) An undertaking to the effect that in case it is detected by the Government that any refund from Excise Authority was obtained by the Seller after obtaining reimbursement from the Paying Authority, and if the same is not immediately refunded by the Seller to the Paying Authority giving details and particulars of the transactions, Paying Authority will have full authority to recover 181 such amounts from the Seller's outstanding bills against that particular contract or any other pending Government contracts and that no dispute on this account would be raised by the Seller.

4. Unless otherwise specifically agreed to in terms of the contract, the Buyer shall not be liable for any claim on account of fresh imposition and/or increase of Excise Duty on raw materials and/or components used directly in the manufacture of the contracted stores taking place during the pendency of the contract.

iv) GST:-

1. If it is desired by the Bidder to ask for Sales GST / VAT to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of sales GST and no liability of sales GST will be developed upon the Buyer.
2. On the Bids quoting sales GST extra, the rate and the nature of Sales GST applicable at the time of supply should be shown separately. Sales GST will be paid to the Seller at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales GST and the same is payable as per the terms of the contract.

15. Pre-Integrity Pact Clause: Not Applicable

Part IV – Special Conditions of RFP

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.

1. Performance Bank Guarantee:-

a. **Indigenous cases:** The successful bidder will be required to furnish a Performance Guarantee by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to **10 %** of the contract value within 30 days of receipt of the confirmed order. **Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty.** The BG will be returned to the firm on successful completion of all his obligations under the contract/work order. In case the execution of the contract/work order is delayed beyond the contracted period and the Client grants extension of delivery period, with or without LD, the supplier must get the PBG revalidated, if not already valid.

b. **Foreign cases:** **Not Applicable**

2. Option Clause: **Not Applicable**

3. Repeat Order Clause – Not Applicable

4. **Tolerance Clause:** To take care of any change in the requirement during the period starting from issue of RFP till placement of the contract, Buyer reserves the right to 10% plus/minus increase or decrease the quantity of the required goods upto that limit without any change in the terms & conditions and prices quoted by the Seller on pro-rata basis. While awarding the contract, the quantity ordered can be increased or decreased by the Buyer within this tolerance limit. The following additions and deletions will be part of the AMC Services: -

(a) Assets whose warranty would expire within the concurrency of the contract will be added to the appropriate category on pro-rata basis.

(b) Assets which are declared BER with the concurrence of Buyer will be deleted on pro-rata basis.

5. Payment Terms for Indigenous Sellers: -

(a) Maintenance charges commence from the date of commencement of contract or with effect from the date mentioned therein and shall be effective for the period of the contract.

(b) The payment will be made through DCDA (Navy), Chennai on quarterly basis on successful completion. Bank details including bank A/c No., MICR Code are to be indicated to enable e-payment by DCDA (N) Chennai.

6. **Payment terms for Foreign Sellers: – Not Applicable**

7. **Advance Payments:- Not Applicable**

8. **Paying Authority:**

a. **Indigenous Sellers:** (Name and address, contact details). The payment of bills will be made by the Dy Controller of Defence Accounts on submission of the following documents by the Seller to the Paying Authority quarterly along with the bill:

- (i) Ink-signed copy of contingent bill / Seller's bill.
 - (ii) Ink-signed copy of Commercial invoice / Seller's bill.
 - (iii) Copy of Supply Order/Contract with U.O. number and date of IFA's concurrence, where required under delegation of powers.
 - (iv) CRVs in duplicate if any.
 - (v) Inspection note.
 - (vi) Claim for statutory and other levies to be supported with requisite documents / proof of payment such as GST, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc as applicable.
 - (vii) Bank guarantee for advance, if any.
 - (viii) Guarantee / Warranty certificate.
 - (ix) Performance Bank guarantee / Indemnity bond where applicable.
 - (x) DP extension letter with CFA's sanction, U.O. number and date of IFA's concurrence, where required under delegation of powers, indicating whether extension is with or without LD.
 - (xi) Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type, Account number, IFSC code, MICR code (if these details are not incorporated in supply order/contract).
 - (xii) Any other document / certificate that may be provided for in the Supply Order / Contract.
 - (xiii) User Acceptance.
 - (xiv) Xerox copy of PBG.
- (Note – From the above list, the documents that may be required depending upon the peculiarities of the procurement being undertaken, may be included in RFP)

b. **Foreign Sellers – Not Applicable**

9. **Fall clause: - Not Applicable.**
10. **Exchange Rate Variation Clause: **Not Applicable****
11. **Risk & Expense clause: **Not Applicable****
12. **Force Majeure clause:-**

(a) Neither party shall bear responsibility for the complete or partial nonperformance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.

(b) In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

(c) The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

(d) Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.

(e) If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party hereto reserves the right to terminate the contract totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

13. **Buy-Back offer: **Not Applicable****
14. **Specification:** The specification of the items mentioned in contract should not be changed/downgraded/upgraded without the consent of the buyer.
15. **OEM Certificate:** OEM certificate for replacement of all consumables/spares and other accessories in contract should be submitted to the Station Quality Audit Cell (SQAC) at the time of replacement whenever a need arises so.
16. **Export License: **_Not Applicable****
17. **Earliest Acceptable Year of Manufacture: **Not Applicable****
18. **Buyer Furnished Equipment: **Not Applicable****

19. **Transportation:** Transportation of items to firm's workshop or whatsoever will be done by the contractor and the buyer is not liable to be charged for any means of transportation.

20. **Air lift: Blank**

21. **Packing and Marking: Not Applicable**

22. **Quality:-**

(a) In order to assure the quality of repair/refit and exercise effective control the work executed by the CONTRACTOR will be in accordance with CUSTOMERS inspection schedule as applicable followed by preliminary stage and final inspection. The repair work will be undertaken as per quality norms Ensuring and maintaining quality will be the responsibility of the CONTRACTOR. The scope of work for approval of the CUSTOMER. The approved QA plan will form the basis for inspection and acceptance of work executed by the CONTRACTOR under this contract.

(b) Any non-conformity discovered by CUSTOMER Representative and intimated in righting co-relating relevant documents were necessary in Refit or material or workmanship shall be corrected by the CONTRACTOR at his cost to the full satisfaction of Representative in accordance with the relevant drawings/specifications and terms & conditions.

23. **Quality Assurance:-**

Seller would provide the guarantee certificate for replacement of spares involved if any. Buyer reserves the right to accept the quality of spares being used for AMC.

24. **Inspection Authority:- The Inspection will be carried out by the consignee.** The mode of Inspection will be Departmental Inspection (SQAC).

25. **Pre-Dispatch Inspection – Not Applicable**

26. **Joint Receipt Inspection: Not Applicable**

27. **Franking clause: – Blank**

28. **Claims:-** The following Claims clause will form part of the contract placed on successful Bidder –

(a) The claims may be presented either: (i) on quantity of the stores, where the quantity does not correspond to the quantity shown in the Packing List/Insufficiency in packing, or (ii) on quality of the stores, where quality does not correspond to the quality mentioned in the contract.

(b) The quantity claims for deficiency of quantity shall be presented within 45 days of completion of JRI and acceptance of goods. The quantity claim shall be submitted to the Seller as per Form DPM-22 (Available in MoD website and can be given on request).

(c) The quality claims for defects or deficiencies in quality noticed during the JRI shall be presented within 45 days of completion of JRI and acceptance of goods. Quality claims shall be presented for defects or deficiencies in quality noticed during warranty period earliest but not later than 45 days after expiry of the guarantee period. The quality claims shall be submitted to the Seller as per Form DPM-23 (Available in MoD website and can be given on request).

(d) The description and quantity of the stores are to be furnished to the Seller along with concrete reasons for making the claims. Copies of all the justifying documents shall be enclosed to the presented claim. The Seller will settle the claims within 45 days from the date of the receipt of the claim at the Seller's office, subject to acceptance of the claim by the Seller. In case no response is received during this period the claim will be deemed to have been accepted.

(e) The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location under Seller's arrangement.

(f) Claims may also be settled by reduction of cost of goods under claim from bonds submitted by the Seller or payment of claim amount by Seller through demand draft drawn on an Indian Bank, in favour of Principal Controller/Controller of Defence Accounts concerned.

(g) The quality claims will be raised solely by the Buyer and without any certification/countersignature by the Seller's representative stationed in India.

29. **Warranty.**

a) The following Warranty will form part of the contract placed on the successful Bidder –

i. Except as otherwise provided in the invitation tender, the Seller hereby declares that the goods, stores articles sold/supplied to the Buyer under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/mentioned in contract. The Seller hereby guarantees that the said goods/stores/articles would continue to conform to the description and quality aforesaid for a period of 12 months from the date of delivery of the said goods stores/articles to the Buyer or 15 months from the date of shipment/despatch from the Seller's works whichever is earlier and that notwithstanding the fact that the Buyer may have inspected and/or approved the said goods/stores/articles, if during the aforesaid period of 12/15 months the said goods/stores/articles be discovered not to conform to the description and quality aforesaid not giving satisfactory performance or have deteriorated, and the decision of the Buyer in that behalf shall be final and binding on the Seller and the Buyer shall be entitled to call upon the Seller to rectify the goods/stores/articles or such portion thereof as is found to be defective by the Buyer within a reasonable period, or such specified period as may be allowed by the Buyer in his discretion on application made thereof by the Seller, and in such an event, the above period shall apply to the goods/stores/articles rectified from the date of rectification mentioned in warranty thereof, otherwise the Seller

shall pay to the Buyer such compensation as may arise by reason of the breach of the warranty therein contained.

ii. Guarantee that they will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be and including but without any limitation an agreed discount on the published catalogue or an agreed percentage of profit on the landed cost.

iii. Warranty to the effect that before going out of production for the spare parts they will give adequate advance notice to the Buyer of the equipment so that the latter may undertake the balance of the lifetime requirements.

iv. Warranty to the effect that they will make available the blue prints of drawings of the spares if and when required in connection with the main equipment.

30. **Product Support:-**: Not applicable
31. **Annual Maintenance Contract (AMC) Clause.** As per (Appendix 'A')
32. **Engineering Support Package (ESP) clause.** Blank
33. **Price Variation (PV) Clause.** Not Applicable

Part V – Evaluation Criteria & Price Bid issues

1. **Evaluation Criteria:** - The broad guidelines for evaluation of Bids will be as follows:
 - (a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP.
 - (b) **Not Applicable.**
 - (c) The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder as per the Price Format given at Para 2 below. The consideration of GST and duties in evaluation process will be as follows:
 - (i) In cases where only indigenous Bidders are competing, all GST quoted by the Bidders will be considered. The ultimate cost to the Buyer would be the deciding factor for ranking of Bids.
 - (ii) **Not Applicable.**
 - (d) The Bidders are required to spell out the rates of Customs duty, Excise duty, GST, etc in unambiguous terms; otherwise their offers will be loaded with the maximum rates of duties and GST for the purpose of comparison of prices. If reimbursement of Customs duty / Excise Duty is intended as extra, over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duties will be entailed after the opening of tenders. If a Bidder chooses to quote a price inclusive of any duty and does not confirm inclusive of such duty so included is firm and final, he should clearly indicate the rate of such duty and quantum of excise duty included in the price. Failure to do so may result in ignoring of such offers summarily. If a Bidder is exempted from payment of Customs duty / Excise Duty upto any value of supplies from them, they should clearly state that no excise duty will be charged by them up to the limit of exemption which they may have. If any concession is available in regard to rate/quantum of Customs duty / Excise Duty, it should be brought out clearly. Stipulations like, excise duty was presently not applicable but the same will be charged if it becomes leviable later on, will not be accepted unless in such cases it is clearly stated by a Bidder that excise duty will not be charged by him even if the same becomes applicable later on. In respect of the Bidders who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of excise duty which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders. The same logic applies to Customs duty also.
 - (e) **Not Applicable.**
 - (f) **Not Applicable.**

(g). The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the Buyer. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items. The Buyer also reserves the right to do Apportionment of Quantity, if it is convinced that Lowest Bidder is not in a position to supply full quantity in stipulated time.

(h). Any other criteria as applicable to suit a particular case.

2. **Price Bid Format:-** The Price Bid Format is given below and Bidders are required to fill this up correctly with full details:

- | | | | | | | | | |
|-----|-------------------------------|------|------------|-----|-------|---|------|----------------------|
| (a) | Basic cost of the item/items: | Item | Unit price | Qty | Total | | | |
| | (i) | A | (ii) | B | (iii) | C | (iv) | Total of Basic price |
- (b) Accessories
- (c) Installation / Commissioning charges
- (d) Training
- (e) Tools
- (f) AMC with spares
- (g) AMC without spares
- (h) Is GST extra?
- (j) If yes, then mention the following:
- (i) Total value on which GST is leviable:
- (ii) Rate of GST:
- (iii) Total value of GST leviable:
- (k) Grand Total:
- (i) Excluding AMC and spares
- (ii) Including AMC with spares
- (iii) Rate of Customs Duty payable:
- (iv) Including AMC without spares



(G Venkatesh)
Commandant
Station Air Electrical Officer
for Commanding Officer

(I) LIST OF ITEMS FOR ANNUAL MAINTENANCE CONTRACT (AMC) OF ELECTRICAL EQUIPMENT & GROUND POWER UNITS (02 NOS) FOR ICGAS (CHN) & 744 SQN (CG)

SER	DESCRIPTION, P/NO & S/NO	NATURE OF WORK TO BE CARRIED OUT	PERIO DICITY	QTY NOS		
				CGAS (CHN)	744 SQN	TOTAL
01	ELGI Air Compressor P/N. TS-05.120.H with trolley 	<ul style="list-style-type: none"> Remove moisture and dirt from receiver Carryout first oil change. 	Every 10 hrs / 10 days	01	01	02
		<ul style="list-style-type: none"> Observe noise and vibration. Check condition and security of fasteners. Replace damaged fasteners as required. Check air cock and replace if required. Check pressure setting (Auto cut off at 10 Bar) and replace if required. Repair auto cut off mechanism as required. Check input air filter. Replace air filter as required. 	Every 25hrs / 10 days			
		<ul style="list-style-type: none"> Change oil as per Manual specification. Check feather v/v for correct operation and replace if required. Tighten all the wires Clean the air filter element. 	Every 50 hrs / 03 Monthly			
		<ul style="list-style-type: none"> Inspect v/v for correct operation and replace if required. Check NRV for correct operation and replace if required. Change filter element for condition. Replace filter as required. Change breather valve. Check pressure setting Check fasteners. 	Every 100 hrs /06 Monthly			
		<ul style="list-style-type: none"> Annual preventive maintenance with tear up kit. Clean coolers. 	Every 200 hrs /Yearly			
		<ul style="list-style-type: none"> Clean and test air receiver. Change safety v/v and replace if required 	02 Yearly			
		<ul style="list-style-type: none"> Overhaul the compressor. Calibration of Gauge by Govt. of India certified Labs. Hydrostatic test of cylinder by Govt of India certified Firm. 	Every 500 hrs /03 Yearly			

		<ul style="list-style-type: none"> Removing of old paint and applying of new paint (yellow colour) up to 50µ <p>Note: Rubber, plastic and moving parts (bolts, nuts ,pulleys & belts etc.) should not be painted.</p>	06 Monthly			
		<ul style="list-style-type: none"> Check conditions of trolley wheels. Replace worn out wheels as required. 	Monthly			
02	A/c Washing Rig P/N- CW810 S/N- H 4022/9/99 & S/N- H 4026/9/99	 <ul style="list-style-type: none"> Check General cleanliness and Visual check Check conditions of wheel. Replace worn out wheels as required Lubricate the wheels 	Weekly	--	02	02
		<ul style="list-style-type: none"> Check condition of motor and electric cable with plug pin. Repair motor/ Replace damaged electric cable and plug pin as required. Motor insulation check. Check Condition of pressure hose and connector. Replace damaged/ deteriorated pressure hose and connector as and when required. Check Leakage of tank and condition of filter. Repair Tank/ replace the filter as required. 	Monthly			
		<ul style="list-style-type: none"> Replacement of Oil (Oil supply by Coast Guard) Lubrication of Wheel with Grease XG-293 Removing of old paint and applying of new paint (yellow colour) up to 50µ. Note: Rubber, plastic and moving parts (bolts, nuts ,pulleys & belts etc.) should not be painted 	06 Monthly			
03	DC Power Pack with charger (Red Box) P/N. DC 2800H-1	 <ul style="list-style-type: none"> Check general cleanliness. Check for visual damage. Check charging state. Check other accessories (Charger & DC cable) for any damage& Repair 	Daily	--	03	03

04

GPU Model No:
DCGPU 65077/2006
S/N III & IV



Every quarter the Oil testing shall be undertaken through Government approved or NABL accredited laboratories and on basis of satisfactory report, the Engine OIL shall be only replenished. However it is mandatorily to change Engine Oil every six monthly (i.e twice during the entire period) and not as mentioned in the OEM manual viz 250 hrly or monthly view, none of the GPU will log more the 40 hrs per month. Calibration of 12 in numbers measuring instruments fitted on both GPUs from NABL certified Labs. The details of the same are as follows:-

SI	Description	Range	Qty
(i)	DC VOLTMETER DIGITAL (since the instrument is an integral part of GPU, therefore INSITU calibration is required to be undertaken)	--	01 Each
(ii)	DC AMMETER DIGITAL	--	01 Each
(iii)	ANALOG OIL PRESSURE INDICATOR 01/15/391035001A	0-7 Kg/Cm ²	01 Each
(iv)	ANALOG OIL TEMPERATURE INDICATOR VDO 12/15/181020103-5000B	40°- 120° c	01 Each
(v)	ANALOG FUEL GAUGE 01/15301135004-A	E - 1/2 - Full	01 Each
(vi)	ANALOG HOUR METER HM 121	--	01 Each

The Matrix including details of periodical preventive Maintenance are as follows:-

Routine Servicing Matrix

ATTENTIONS	A Daily	B Mthly	C Bi- Mthly	D 3 Mthly
Check Engine Oil Level	x			
Check Fuel Level	x			
Check Lamps Indicators	x			
Drain Filters, Sediment	x			
Service Batteries		x		
Carryout B Checks			x	
Carry out C Checks				x
Clean Electrical Equipment				x
Examine all Electrical Cables				x
Check security of electrical				x

02

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02

connections					
Examine engine / alternator mountings				x	
Change engine oil and oil filters		x			
Check Battery Electrolyte Levels	x				

Daily Inspection (A Checks)

- Check oil level in engine sump.
- Replenish to full mark on dipstick.
- GPU to be parked on a level surface.
- Replenish the Fuel tank.
- Fuel level is indicated by gauge on control panel.
- Examine the GPU for obvious damage, leaks, secure attachment of parts and serviceability of lamps and indicators. The filament lamp in signal lamps on the panel can be changed by screwing off the coloured lens and then pulling out the lamp.
- Check Battery Electrolyte levels.

Every 250 hours or Monthly (B Checks)

- Clean and Smear Battery terminals with petroleum jelly.
- Ensure all Battery terminals are properly tightened.
- Check Specific Gravity of all cells.
- Top up Electrolyte Levels as necessary
- Change Engine Oil and replace Oil filters.

Every 500 hours or Bi monthly checks (C Checks)

- Carry out all 'B' Check Procedure
- Remove, clean and refit the grease trap for the 400 Hz alternator and shield bearing.
- Replace Fuel filters.
- Replace Air Filters.

Every 1000 hours or 3 Monthly Checks ('D' Checks)

- Carry out all 'C' Check procedure.
- Remove all dust and dirt from electrical equipment with a vacuum cleaner.
- Examine the GPU for damaged or perished cables.
- Check security of all electrical cables.
- Examine Engine / Alternator mountings for Clean security and signs of deterioration.
- and lubricate engine throttle linkages.

05	Rectifier P/N- HAL-GSE-DCGPU 	<ul style="list-style-type: none"> Check for condition & general cleanliness. Check wheel movement & rubber beading. 	Weekly	--	02	02
		<ul style="list-style-type: none"> Check mounting bolt and terminals for looseness. Tightened if found loose. 	02 Monthly			
		<ul style="list-style-type: none"> Check operation of all controls, change if required. Check operation of all gauges, change if required. Removing of old paint and applying of new paint (gray colour) up to 50μ Check cable condition Check the condition of NATO adopter Check the Rubber beading if deteriorated replace it Calibration of gauges <p>Note: Rubber parts should not be painted.</p>	06 Monthly			
06	Tamac freeze (Ground AC) S/N FE0102/2001 	<ul style="list-style-type: none"> Check for condition and cleanliness Check tyre pressure Start and Run the machine for 15 Mnts to check the serviceability state 	Daily	01	--	01
		<ul style="list-style-type: none"> Leak test Refilling of Refrigerant gas Replacement of knobs/switches Repair/Replacement of Hose Rubber beading surround the AC unit Check condition of duct hose if decaying replace it 	03 Monthly As & when required			
07	DC FIRE CONTROL UNIT (TEST BENCH) P/N 193D-03, S/N 9836 	<ul style="list-style-type: none"> Check for general cleanliness Calibration of gauges Replace the connectors 	Daily As and when required	01	--	01
08	BATTERY CHARGER (DOR & CTK)SMART CAMS S/N CGAS(CH)/BS/01/2002 CGAS(CH)BS/02/2002	<ul style="list-style-type: none"> Clean and check the charger for any damage Check the condition of gauges / indicators Check and examine the control panels for wires and if any damaged to be replaced Check the serviceability state of charger Calibration of Gauges when 	Daily Daily Weekly Weekly When	02	--	02

		<p>due</p> <ul style="list-style-type: none"> • Check the condition of the output cable and replaced if required • Check the insulation of the equipment • Replace the knob/ switch 	<p>required</p> <p>Weekly</p> <p>As and when required</p>			
09	<p>BATTERY CHARGER (LEAD-ACID) P/N 48V/20A S/N BS/LA/02</p> 	<ul style="list-style-type: none"> • Clean and check the condition of the equipment for any damage • Check the condition of the gauges / instruments for any damage • Check the condition of the output cable and replace if required • Replace the knob/ switch if required • Check the insulation of the equipments • Calibration of the ammeter and voltmeter 	<p>Daily</p> <p>Daily</p> <p>Weekly</p> <p>As and when required</p> <p>Monthly</p> <p>When required</p>	01	--	01
10	<p>SINGLECELL CHARGER (DOR & CTK)SMART CAMS S/N CGAS(CH)/BS/06/2002</p> 	<ul style="list-style-type: none"> • Clean and check the condition of the equipment for any damage • Check the condition of the gauges / instruments for any damage • Check the condition of the output cable and replace if required • Replace the knob/ switch if required • Check the insulation of the equipments • Calibration of the gauges 	<p>Daily</p> <p>Daily</p> <p>Weekly</p> <p>As and when required</p> <p>Monthly</p> <p>When required</p>	01	--	01
11	<p>DISTILLED WATER PLANT P/N DP/NIV/01 S/N BS/DP/01</p> 	<ul style="list-style-type: none"> • Clean the container thoroughly • Check for current leak between electrical plug and container • Remove the sulphur deposited on the filaments and clean it well • Replace the electrical filaments plugs and wire if required • Testing the distilled water from NABL accredited lab 	<p>Daily</p> <p>Daily</p> <p>Weekly</p> <p>As and when required</p> <p>Once in year</p>	01	--	01
12	<p>AIRCRAFT CADDY P/N 1585202 S/N 311708</p> 	<ul style="list-style-type: none"> • Check and cleanliness and general condition • Check the wheels for free movement and apply the grease if required • Check for any damage of the body parts • Check for oiling /greasing of the moving parts • Charging of the battery • Painting (yellow) 	<p>Daily</p> <p>Daily</p> <p>Daily</p> <p>Daily</p> <p>Daily</p> <p>06</p>	01	--	01

			<ul style="list-style-type: none"> Calibration of gauges 	monthly As and when required											
13	Voltage Stabilizer CGAS(CH)/BS/SS/01 	S/N	<ul style="list-style-type: none"> Clean and check the voltage stabilizer for any damage Check the fuse and replace if required Calibration of voltmeter 	Daily Daily As and when required	01	--	01								
14	DIGITAL MULTIMETERS <table border="1"> <tr> <td>P/N</td> <td>S/N</td> </tr> <tr> <td>RISH MULTI-185</td> <td>157631</td> </tr> <tr> <td>METRA SAFE-13</td> <td>9034738</td> </tr> <tr> <td>111</td> <td>85550363</td> </tr> </table> 	P/N	S/N	RISH MULTI-185	157631	METRA SAFE-13	9034738	111	85550363		<ul style="list-style-type: none"> Check for cleanliness and condition of the equipment Check for the serviceability state of the equipment Calibration of unit Battery change 	Daily Daily When due When required	03	--	03
P/N	S/N														
RISH MULTI-185	157631														
METRA SAFE-13	9034738														
111	85550363														

(II) TERMS AND CONDITION FOR ANNUAL MAINTENANCE CONTRACT (AMC) OF ELECTRICAL EQUIPMENT & GROUND POWER UNITS (02 NOS) FOR ICGAS (CHN) & 744 SQN (CG)

1. **Terms and Conditions.** The scope of **Annual Maintenance Contract (AMC)** shall cover the following salient features:-

(a) To maintain all the Electrical Equipment & GPU (02 Nos) in good working /serviceable condition at all times.

(b) One supervisor (Diploma equivalent) along with 02 skilled (ITI equivalent) 02 semi skilled technician to be placed Coast Guard Air Station for the daily routine/ monitoring of AMC jobs on GSE.

(c) Replacement of all Consumables including various graded Oil, seals & wheels etc at seller cost. The contractor shall provide all Consumable spares / Engine oil as per manual specification and shall use their own tools at their own cost as per scheduled.

(d) Calibration of gauges fitted on Electrical Equipment & GPU (02 Nos) from NABL certified Labs.

(e) Calibration of following Electrical Equipment shall be under taken through Government Approved or NABL accredited laboratories:

Ser	Description	Part no./SI no.	Qty	Calibration periodicity
(i)	Master Compass	954-2399	02 No	02 Yearly

(f) The scope of works shall include the repairs/ servicing of all the component/ equipments of AMC including of consumable (required for breakdown servicing).

(g) In case customer is not satisfied by the service provided by the firm, AMC will be terminated after giving warning letter/ notice of one month. It is to be clearly understood that during the grace period of one month, firm will continue to provide services for repairs.

(h) If the fault is not rectified within 48 hours of its occurrence, the ICG will reserve the right to deduct the proportionate amount for the un-serviceability period.

2. **Maintenance of GPU:**

(a) One technician to be placed Coast Guard Air Station for the daily routine/ monitoring of AMC jobs on GPUs.

(b) Replacement of all Consumables including Oil, coolants, filters, NATO adopter etc

(c) Painting of GPUs every six monthly by removing of old paint and application of new paint up to 50 M.

(d) Replacement of Power output Cable covers every 06 monthly.

(e) Calibration of total 12 in nos measuring instruments fitted on both GPUs. The details of the same are as follows:-

SI	Description	Qty
(i)	DC VOLTMETER DIGITAL	01 each
(ii)	DC AMMETER DIGITAL	01 each
(iii)	ANALOG OIL PRESSURE INDICATOR 01/15/391035001A	01 each
(iv)	ANALOG OIL TEMPERATURE INDICATOR VDO 12/15/181020103-5000B	01 each
(v)	ANALOG FUEL GAUGE 01/15301135004-A	01 each
(vi)	ANALOG HOUR METER HM 121	01 each

(f) The Matrix including details of periodical preventive Maintenance are as follows:-

Routine Servicing Matrix

ATTENTIONS	A Daily	B Mthly	C Bi-Mthly	D 3 Mthly
Check Engine Oil Level	x			
Check Fuel Level	x			
Check Lamps Indicators	x			
Drain Filters, Sedimenter	x			
Service Batteries		x		
Carryout B Checks			x	
Carry out C Checks				x
Clean Electrical Equipment				x
Examine all Electrical Cables				x
Check security of electrical connections				x
Examine engine / alternator mountings				x
Change engine oil and oil filters		x		
Check Battery Electrolyte Levels	x			

Daily Inspection (A Checks)

- Check oil level in engine sump. Replenish to full mark on dipstick. GPU to be parked on a level surface.
- Replenish the Fuel tank. Fuel level is indicated by gauge on control panel.
- Examine the GPU for obvious damage, leaks, secure attachment of parts and serviceability of lamps and indicators. The filament lamp in signal lamps on the panel can be changed by screwing off the colored lens and then pulling out the lamp.
- Check Battery Electrolyte levels.

Every 250 hours or Monthly (B Checks)

- Clean and Smear Battery terminals with petroleum jelly.
- Ensure all Battery terminals are properly tightened.
- Check Specific Gravity of all cells.
- Top up Electrolyte Levels as necessary
- Change Engine Oil and replace Oil filters.

Every 500 hours or Bi monthly checks (C Checks)

- Carry out all 'B' Check Procedure
- Remove, clean and refit the grease trap for the 400 Hz alternator and shield bearing.
- Replace Fuel filters.
- Replace Air Filters.

Every 1000 hours or 3 Monthly Checks ('D' Checks)

- Carry out all 'C' Check procedure.
- Remove all dust and dirt from electrical equipment with a vacuum cleaner. Examine the GPU for damaged or perished cables.
- Check security of all electrical cables.
- Examine Engine / Alternator mountings for security and signs of deterioration. Clean and lubricate engine throttle linkages

(g) Payment will be made through DCDA (Navy), Chennai on a Quarterly basis post submission of bills

(h) In case customer is not satisfied by the service provided by the firm, AMC will be terminated after giving warning letter / notice of one month. It is to be clearly understood that during the grace period of one month, firm will continue to provide services for repairs.

(j) If the fault is not rectified within 72 hours of its occurrence, the ICG will reserve the right to deduct the proportionate amount for the un-serviceability period.

3 **Schedule of Requirement.**

(a) The seller would provide Annual Maintenance Contract (AMC) of Electrical Equipment & Ground Power units (02 nos) for ICGAS (CHN) & 744 Sqn (CG) from date of signing of contract.

(b) The details of Annual Maintenance Contract (AMC) of Electrical Equipment & Ground Power units (02 nos) for ICGAS (CHN) & 744 Sqn (CG) list & periodical preventive Maintenance/routine servicing of GSE's are placed at **Appendix 'A'**.

(c) The GSE equipments are located at ICGAS Chennai & 744 Sqn (CG). The seller will be responsible for all GSE equipments which are within the scope of services required.

4. **Obligation of Seller.** The responsibilities of the Seller as part of the proposal are enumerated in the succeeding paragraphs.

- (a) Inspection of all the equipments projected under Annual Maintenance Contract (AMC) may be thoroughly carried out to avoid ambiguity at a later stage before offering the commercial bid.
- (b) Firm is requested to position 01 supervisor (Diploma equivalent) along with 02 Skilled (ITI equivalent) and 02 Semi-skilled technicians for the maintenance/servicing of GSE items.
- (c) All personnel should be of Indian nationality and in possession of any POI (AADHAR/ PAN/ DL/ VOTER ID/ PASSPORT) above 18 years of age and can speak fluently either Hindi or English.
- (d) All personnel to wear neat and clean dress as convenient and should keep a mobile with (preferably non-smart phone) with active number for contact during any emergency /real time operation.
- (e) The personnel need to be disciplined and behave properly with service person i.e customers.
- (f) For the purpose of 08 hrs duty per day (Monday-Friday) 04 Hrs Saturday, timing will be fixed by the Commanding Officer, Coast Guard Air Station, Chennai. Holidays will be only on Sundays and National closed holidays. Requirement of service on Saturday/Sunday are on need basis and will be intimated 24 hours in advance. Reporting time of technician to be adhered, attendance to be maintained by GSE I/c.
- (g) The Contractor has to maintain "Defect Register" and all the defects entered by GSE I/c in defect register has to be rectified within 48 hrs and for defect required to be offloaded to third party are to be completed within 3 days. In case the firm is unable to attend the defect in stipulated time, a penalty of Rs. 1000/- up to a maximum of 3000/- per day per defect will be imposed on the firm. The said amount may be recovered in successive Contingent Bill stage itself.
- (h) If the Personnel's performance is found to be not satisfactory to carry out the maintenance of the GSE, the firm has to replace those personnel immediately.
- (h) Calibration of Electrical Equipment & GPU (02 Nos) gauges to be done from NABL (National Accreditation of Board for Laboratories) approved agencies.
- (j) The contractor shall provide all spares/Consumable/Oil/Knob/switches as per manual specification and shall use their own tools at their own cost.
- (k) In the event of any defect amounting more than 5% of the total present cost of equipment, it will be not part of AMC. Then a separate work order to be issued by the customer.
- (l) While working on Electrical Equipment & GPU (02 Nos) any injury happens to your maintenance personnel will be attributed to contractor.

(n) In the event of any ambiguity/clarification arising under these conditions, the decision from the customer side will be of the Commanding Officer, Coast Guard Air Station, Chennai-16 or any other officer nominated by him.

(p) Any dispute arising under these conditions subject to Chennai jurisdiction only.

(q) **Safety of Men.** The CONTRACTOR is to ensure adequate safety guards are provided for personnel when employed on work where human risk of health/injury is involved.

(r) **First Aid.** The CONTRACTOR is liable to provide immediate first aid/hospitalization in case of accident/ sudden illness to personnel.

(s) **OEM Certificate.** OEM certificate for replacement of all consumables/spares and other accessories in contract should be submitted to the Station Quality Assurance cell (SQAC) at the time of replacement whenever a need arises so.

(t) **Transportation.** Transportation of item to firms work shop or whatsoever will be done by the Contractor and the Buyer is not liable to be charged for any means of transportation.

5. **Obligation of the Buyer.** The Buyer shall,

(a) Ensure the installation area, electrical outlets, power supplies and Electrical connections are supplied in accordance with requirements.

(b) Submit bill for payment to accounting department as per the payment schedule.

(c) Provide all necessary assistance such as security clearance at site to the Contractor during the entire visit.

6. **General Terms.**

(a) The contract comes into force when signed by or on behalf of the Buyer and the Seller.

(b) The Contract together with Appendix-'A', hereto affixed constitutes the Binding Agreement entered into by and between the customer and the Contractor for the maintenance of the systems and on the terms and conditions specified in this contract.

(c) The contract will remain in force for a period of twelve months w.e.f. the signing of the AMC for Electrical Equipment & GPU (02 Nos), provided if not terminated earlier for reasons as mentioned in this RFP.

(d) Should the Buyer decide to induct additional system into the service or decide to exclude any system from the service falling under the same category under existing rate of AMC then the Buyer will have the discretion to direct the Seller to include or exclude that system also within the ambit of the contract starting from the date of induction of the equipment till expiry of the AMC or for any other period in between and the Seller is bound to carry out the same on pro-rata basis.

7. **Security of personnel employed.** As a contractor, you are bound to examine all aspects pertaining to safety of personnel employed by the '**Contractor / Service Provider / Second Party**' for AMC for GSE held at ICGAS (CHN). No claim for injury / disability due to negligence from safety angle will be entertained. It is clarified that ICG will not be held responsible for any claim towards any such unforeseen situation.

8. The contract shall be operated by Coast Guard Air Station unit based at Chennai and will be designated as "Contract Authority".