

**REQUEST FOR PROPOSAL(RFP)/ TENDER ENQUIRY**

**E- MAIL / SPEED POST**

Telefax-079-23243374  
E-Mail: [tech-nw@indiancoastguard.nic.in](mailto:tech-nw@indiancoastguard.nic.in)

Headquarters  
Coast Guard Region (NW)  
Sector-11, Udyog Bhavan  
Post Box No. 09  
Gandhinagar – 382 010

Quoting: 3473/2

09 Apr 19

**REQUEST FOR PROPOSAL/INVITATION OF QUOTATION TOWARDS YEARLY SERVICE  
RATE CONTRACT FOR TESTING OF SAMPLES OF LUB OILS/ HYDRAULIC OILS/  
COOLANTS DRAWN FROM EQUIPMENT FITTED ONBOARD ICG CRAFTS/BOATS/SHIPS**

1. Quotations in sealed cover are invited from **agencies/laboratories accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL)**, for testing of samples listed in Part II of this RFP.

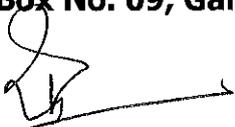
2. General Information about the tender:-

- (a) Tender Reference No. : **3473/2 dated 09 Apr 19.**
- (b) Last date and time for receipt of tenders : **01 May 19 at 1100 hrs**
- (c) Time and date for opening of tenders : **01 May 19 at 1130 hrs**
- (d) Place of submission of bids and place of opening of tenders:

**Headquarters  
Coast Guard Region (NW)  
Block No 11 & 12, 7<sup>th</sup> Floor  
Sector-11, Udyog Bhavan  
Gandhinagar-382 010**

(e) Address for communication:

**The Commander  
[for Chief Staff Officer (Tech)]  
Headquarters  
Coast Guard Region (NW)  
Sector-11, Udyog Bhavan  
Post Box No. 09, Gandhinagar-382 010**



3. The tender shall be submitted **in single stage two - bid system, viz. the Technical and Commercial bid**. The following enclosures are forwarded along with this enquiry to assist you in preparing your technical and commercial offer:-

(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 – Contains essential details of the items/services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.

(c) Part III – Contains Standard Conditions of RFP, which will form part of the Contract with the successful Bidder.

(d) Part IV – Contains Special Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.

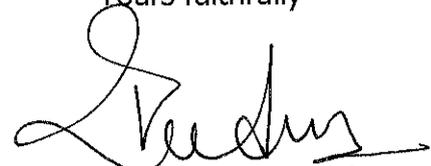
(e) Part V – Contains Evaluation Criteria for technical and commercial Bids.

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. Please acknowledge receipt.

Thanking you,

Yours faithfully



(Kalpesh R Kadam)

Dy Commandant

RTO (Refit)

for Commander

Coast Guard Region (NW)

**Enclosures:** - As above by E-mail

## PART I – GENERAL INFORMATION

- Last Date and Time for depositing the bids:** **1100 Hrs** on 01 May 19. The tender shall be submitted in **Single Stage Two - Bid system**, the Technical and Commercial bids. Bidders shall indicate financial implications only in commercial bids.
  - Manner of depositing the Bids:** The Technical and Commercial bids are to be submitted in two separate sealed envelopes, duly marked as **"Technical Bid for RFP 3473/2 dated 01 May 19"** and **"Commercial Bid for RFP 3473/2 dated 01 May 19"**. Both envelopes are to be placed in a bigger size envelope and sealed. The bigger sized envelope is to be marked with RFP no & date with firm's name & address. The quotes are to be super-scribed with your firm's name, address, and official seal and ink signed by an authorised representative of the refitting firm. The quotes are to be submitted under original memo/letter pad, inter alia, furnishing the TIN No., GST No., Bank Address with EFT account No. with the complete postal and e-mail address. Sealed Bids addressed to **The Commander [for Chief Staff Officer (Tech)], Headquarters Coast Guard Region (NW), Gandhinagar**, should be dropped in tender box marked as **"TENDER BOX FOR REPAIR/REFIT"** located at **Guard Room/ Reception**, or to be sent by registered post so as to reach this office by **1100 Hrs on 01 May 19**. No responsibility will be taken for postal delay or non-delivery/non-receipt of tender documents.
  - Time and Site for Opening of Tenders:** Sealed Technical bids will be opened by a committee at **1130 Hrs on 01 May 19**. Your authorised representative from the Company can attend the tender opening. If due to any exigency, the due date for opening of tenders is declared as closed holiday, in such cases, the tenders will be opened on next working day at the same time or any other day/time as intimated by the customer. **The date of opening of Commercial Bid will be intimated after acceptance of technical bids.**
- PLEASE QUOTE OUR RFP NO. AND DATE OF TENDER OPENING ON SEALED COVER AND INDICATE FINANCIAL IMPLICATIONS ONLY ON COMMERCIAL BIDS. FAILURE TO DO SO WILL RENDER YOUR OFFER INVALID.**
- Location of Tender Box:** Sealed Bids addressed to The Commander [for Chief Staff Officer (Tech)], Headquarters Coast Guard Region (NW), Gandhinagar, should be dropped in tender box marked as **"TENDER BOX FOR REPAIR/REFIT"** located at Guard Room/ Reception, or to be sent by registered/speed post.
  - Place of opening of the Bids:** Headquarters Coast Guard Region (NW), Gandhinagar. 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.
  - Unwillingness to quote:** In case your FIRM is not willing to quote due to any reasons, your regret should be sent well before the due date, failing which your FIRM can be de-listed from the Contractor's list.
  - Forwarding of Bids:** The quotes are to be submitted under original memo/letter pad, inter alia, furnishing the TIN No., GST No., Bank Address with EFT account No. with the complete postal and e-mail address.



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 14 (fourteen) 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. **Validity of Bid:** The Quotation shall remain valid for **180 days** from the date of opening of Technical bid.

13. Tenders sent **by FAX** will not be considered. Tenders found in sealed box will only be considered. To avoid any complications with regard to late Receipt/Non-receipt of tenders, it may please be noted that responsibility rests with the tenderer to ensure that tenders reach this office before due date. Late quotes will be rejected outright.

14. Commercial bids will be opened only of those FIRMs, whose Technical bids have been found suitable after technical evaluation. Further, negotiations will be made only with the lowest bidder (L1) as determined by the committee. The date, time and venue fixed for this purpose will be intimated separately.

15. **Earnest Money Deposit:** Bidders are required to submit Earnest Money Deposit (EMD) for amount of ₹ **50,000/-** (Rupees fifty thousand only) along with their bids. The EMD may be submitted in the form of Fixed Deposit Receipt, Bank Guarantee from any of the **public sector bank** or a private sector bank (**ICICI, HDFC and Axis bank only**) authorized to conduct government business as per Form DPM-16 (Available in MoD website and can be provided in request). **EMD is to remain valid for a period of forty-five days beyond the final bid validity period.** EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30<sup>th</sup> 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 ITEM/SERVICE REQUIRED**

1. **Schedule of requirements**:- All jobs brought out as follows will be undertaken as per periodicity mentioned against each type of tests. On completion of the basic and advanced tests of oils and coolants a test report will have to be rendered by the FIRM to respective units as per format at Enclosure-II of the contract within stipulated time schedule and a satisfactory Work Completion Certificate obtained from the client. The report should also be e-mailed to respective units. E-mail IDs of all ships have been provided. Requirement of transportation of samples from client's to FIRM's premises and supply of sample bottles to the client prior collection and on completion of prescribed tests alongwith the test report will be borne by the FIRM. Though exact number cannot be estimated, both the parties agree to cater the approximate number of samples as brought out at para 2 below. FIRM has to mention parameters related to fresh oil data & acceptable limits for each sample. The reports are required to incorporate recommendations pertaining to usability of lub oils or coolants:-

(a) **PERIODIC TESTING OF LUB OIL BASIC TEST FOR DIESEL ENGINES (APPROX 811 SAMPLES)**:-

SL	TEST TYPE	TEST STANDARDS	UNIT
(I)	KINEMATIC VISCOSITY @40°C	ASTM D445	Cst
(II)	KINEMATIC VISCOSITY@100°C	ASTM D445	Cst
(III)	VISCOSITY INDEX	ASTM D2270	Calculated
(IV)	WATER CONTENT	ASTM D 95	% OF VOLUME
(V)	FLASH POINT	ASTM D 92	°C
(VI)	TBN	ASTM D 4739	Mg KOH/g

(b) **PERIODIC TESTING OF HYDRAULIC OIL(BASIC TEST) (APPROX 265 SAMPLES)**

SL	TEST TYPE	TEST STANDARDS	UNIT
(I)	KINEMATIC VISCOSITY @20°C	ASTM D445	Cst
(II)	KINEMATIC VISCOSITY@50°C	ASTM D445	Cst
(III)	VISCOSITY INDEX	ASTM D445	CALCULATED
(IV)	APPEARANCE (REPORT)	VISUAL	
(V)	WATER	ASTM D95	% OF VOLUME
(VI)	HEXANE INSOLUBLES	ASTM D893	% BY WEIGHT
(VII)	TOLUENE INSOLUBLES	ASTM D893	% BY WEIGHT
(VIII)	TAN (mg KOH/g)	ASTM D974	Mg KOH/g
(IX)	WATER CONTENT	BY CRACKLE	
(X)	FLASH POINT	ASTM D 92	°C
(XI)	SALT CONTENT	ASTM D 3230/IP 77	



(c) ADVANCE TEST FOR LUB OIL (APPROX 143 SAMPLES) :-

SL	TEST TYPE	TEST STANDARDS	UNIT
(I)	ALUMINUM (Al)	ASTM D5185	PPM
(II)	BARIUM (Ba)	ASTM D5185	PPM
(III)	BORON (B)	ASTM D5185	PPM
(IV)	CALCIUM (Ca)	ASTM D5185	PPM
(V)	CHROMIUM (Cr)	ASTM D5185	PPM
(VI)	COPPER (Cu)	ASTM D5185	PPM
(VII)	IRON (Fe)	ASTM D5185	PPM
(VIII)	LEAD (Pb)	ASTM D5185	PPM
(IX)	MAGNESIUM (Mg)	ASTM D5185	PPM
(X)	NICKEL (Ni)	ASTM D5185	PPM
(XI)	PHOSPHORUS (P)	ASTM D5185	PPM
(XII)	SILICON (Si)	ASTM D5185	PPM
(XIII)	SILVER (Ag)	ASTM D5185	PPM
(XIV)	SODIUM (Na)	ASTM D5185	PPM
(XV)	TIN (Sn)	ASTM D5185	PPM
(XVI)	VANADIUM (V)	ASTM D5185	PPM
(XVII)	ZINC (Zn)	ASTM D5185	PPM

(d) BASIC TEST ON COOLANT (APPROX 411 SAMPLES) :-

SL	TEST TYPE	TEST STANDARDS	UNIT
(I)	PH VALUE	ASTM D 1287	--
(II)	RESERVE ALKALINITY	ASTM D 1121	--
(III)	HARDNESS CONTENT	ASTM D 511	PPM
(IV)	CHLORIDE CONTENT	ASTM D 3634	PPM
(V)	% OF INHIBITOR		PPM/BRIX
(VI)	CONDUCTIVITY	BY CONDUCTIVITY METER	MS/cm

- (e) Sample collection charges from Coast Guard District Headquarters-1, Porbandar.
- (f) Sample collection charges from Coast Guard District Headquarters-15, Okha.
- (g) Sample collection charges from Indian Coast Guard Station, Pipavav.
- (h) Sample collection charges from Indian Coast Guard Station, Jakhau.
- (j) Sample collection charges from Indian Coast Guard Station, Vadinar.
- (k) Sample collection charges from Indian Coast Guard Station, Mundra.
- (l) Sample collection charges from Indian Coast Guard Station, Veraval.



2. **Technical Details:** Details of lub oil /hydraulic oil/coolant tests to be carried out for ships in this Region are as follows (Ship Locations may vary):-

(A) SHIPS BASED AT PORBANDAR:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS SAMUDRA PAVAK	(AA) BASIC TEST ON LUB OIL	96 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	28 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	06 SAMPLES
(II)	ICGS SHOOR	(AA) BASIC TEST ON LUB OIL	80 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	24 SAMPLES
		(AC) BASIC TEST ON COOLANT	32 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(III)	ICGS RAJRATAN	(AA) BASIC TEST ON LUB OIL	108 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(IV)	ICGS ARUSH	(AA) BASIC TEST ON LUB OIL	36 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(V)	ANKIT	(AA) BASIC TEST ON LUB OIL	36 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	09 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	03 SAMPLES
(VI)	ICGS C-143	(AA) BASIC TEST ON LUB OIL	36 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	16 SAMPLES
		(AC) BASIC TEST ON COOLANT	12 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	06 SAMPLES
(VII)	ICGS C – 409	(AA) BASIC TEST ON LUB OIL	08 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	08 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES
(VIII)	ICGS SAJAG (BEING COMMISSIONED )	(AA) BASIC TEST ON LUB OIL	40 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(IX)	ICGS C-445	(AA) BASIC TEST ON LUB OIL	08 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	08 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES



(B) SHIPS BASED AT OKHA:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	69 ACV SQUADRON FOR 05 ACVs	(AA) BASIC TEST ON LUB OIL	40 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	20 SAMPLES
		(AC) BASIC TEST ON COOLANT	40 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	20 SAMPLES
(II)	ICGS MEERA BEHN	(AA) BASIC TEST ON LUB OIL	29 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	09 SAMPLES
		(AC) BASIC TEST ON COOLANT	18 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	12 SAMPLES
(III)	ICGS ARINJAY	(AA) BASIC TEST ON LUB OIL	38 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	12 SAMPLES
(IV)	ICGS C-411	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(V)	ICGS C-413	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(C) SHIPS BASED AT PIPAVAV:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS C-419	(AA) BASIC TEST ON LUB OIL	16 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	02 SAMPLES
		(AC) BASIC TEST ON COOLANT	12 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	04 SAMPLES
(II)	ICGS C-156	(AA) BASIC TEST ON LUB OIL	16 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	02 SAMPLES
		(AC) BASIC TEST ON COOLANT	08 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL

(D) SHIPS BASED AT MUNDRA:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS C-401	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(II)	ICGS C-403	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(E) SHIPS BASED AT VADINAR:

SL	SHIP/BOAT / CRAFT	DESCRIPTION OF TEST	NUMBER OF SAMPLES PER YEAR
(I)	ICGS C-161	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(II)	ICGS C-152	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(F) SHIPS BASED AT JAKHAU:

SL	SHIP/BOAT / CRAFT	DESCRIPTION OF TEST	NUMBER OF SAMPLES PER YEAR
(I)	ICGS C-408	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(II)	ICGS C-429	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(III)	ICGS C-437	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(G) SHIPS BASED AT VERAVAL:

SL	SHIP/BOAT / CRAFT	DESCRIPTION OF TEST	NUMBER OF SAMPLES PER YEAR
(I)	ICGS C-149	(AA) BASIC TEST ON LUB OIL	04 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	04 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES
(II)	ICGS C-153	(AA) BASIC TEST ON LUB OIL	04 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	04 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES

3. **Two-Bid System:** The Bidders are required to furnish clause by clause compliance of specifications bringing out clearly the deviations from specification, if any. The Bidders are advised to submit the compliance statement in the following format along with Technical Bid:-

Para of RFP specifications item-wise	Specification of item offered	Compliance to RFP specification – whether <b>Yes /No</b>	In case of noncompliance, deviation from RFP to be specified in unambiguous terms
--------------------------------------	-------------------------------	--	---

4. **Procedure for Delivery:** The FIRM shall undertake to deliver empty sample bottles and collect the oil /coolant samples to and from DHQ/RESPECTIVE STATIONS located at Porbandar, Okha, Pipavav, Veraval, Vadinar, Mundra, Jakhau (as mentioned in work orders) premises at the expenses of the FIRM. The FIRM shall notify the Indian Coast Guard, in advance the scheduled delivery dates /collection dates.

### Part III - Standard Conditions of RFP

#### YEARLY SERVICE RATE CONTRACT OF TESTING OF SAMPLES OF LUB OILS/HYDRAULIC OILS/COOLANT DRAWN FROM EQUIPMENT FITTED ONBOARD ICG SHIPS/CRAFTS OF NORTH-WEST REGION

1. This contract is made on this \_\_\_\_ day, of \_\_\_\_ 2019 in Gandhinagar between The President of On India represented by **The Chief Staff Officer (Tech), Headquarters Coast Guard Region (North West), Udyog Bhavan, Gandhinagar – 3802010** hereinafter referred to as the "Customer" (which terms unless excluded by the context shall be deemed include his successors in office) on one part and **M/s \_\_\_\_\_** and incorporated under the laws of India having the registered office at \_\_\_\_\_ (which term, unless expressly excluded by the context shall be deemed include his successors and assignees), herein after referred to as the "FIRM" on the other part.

2. And whereas, the FIRM is to undertake all basic tests and advanced tests as defined in succeeding paragraphs on oils, coolants drawn from machineries, equipment and systems fitted on various class of ships/crafts/ boats of Indian Coast Guard as per the details listed in succeeding paragraphs.

3. **Contract Operating Authority (COA):** Respective DHQ/ ship/ station issuing work-orders and sanction will be COA for respective test and all bills will be vetted by COA. Respective COAs will be responsible for timely collection, delivery of samples and timely submission of bills to PCDA(N), Mumbai.

#### **Estimated Contract Cost & Terms of Payment**

4. **Estimated Contract Cost** :- The estimated contract cost for 12 months for undertaking basic tests and advanced tests (Elemental and Wear Metal Analysis) of lubricating/hydraulic oils, coolants for ships/crafts/ boats of Indian Coast Guard as per Enclosure-I is **Rs. \_\_\_\_\_ (excluding taxes)**. Price of this contract for services is as follows, details of which are at Enclosure-I :-

Sl no	Denomination of item/services	Approx Qty of samples (in No)	Unit price (in Rupees)
(a)	Lub oil basic tests for diesel Engines	811	
(b)	Advance tests of lub oils	143	
(c)	Basic tests of hydraulic oil	265	
(d)	Basic tests of coolants	411	
(e)	Cost of sample collection charges per visit		
(f)	Collection unit	No. of visits (01 visit per month)	Cost per visit (in Rupees)
	(i) CGDHQ-1 (Porbandar)	12	
	(ii) CGDHQ-15 (Okha)	12	
	(iii) ICGS Pipavav (Pipavav)	12	
	(iv) ICGS Vadinar (Vadinar)	12	
	(v) ICGS Veraval (Veraval)	12	
	(vi) ICGS Mundra (Mundra)	12	
	(vii) ICGS Jakhau (Jakhau)	12	

(No collection charge is applicable if sample landed directly at firm's premises).



5. **Currency** :- The payment made to the FIRM under this contract will be in Indian Rupees.

6. **Period of Agreement**: - The rate contracted by this contract would be for a period of 12 months from \_\_\_\_\_ 2019. The agreement shall be reviewed and extended thereafter on mutually agreeable terms and conditions for a period not exceeding 03 years i.a.w Article 8.3.1 of DPM 2009, as mutually agreed between by both the parties. No escalation in the charges mentioned in this contract is permitted during the tenure of this contract.

7. **Testing charges** :- Rates for testing of the oils /coolants are placed at Enclosure-I

8. **Issuance of Work Order**: Work order for testing of samples of lub oil/hydraulic oil/coolant drawn from equipment onboard Ships/ Crafts/ Boats will be issued by DHQ-1/Ship/ Respective Stations.

9. **Taxes and duties** :- The Contract price indicated in Para 4 of this Contract is exclusive of all taxes, duties, levies of Central / State authorities, as applicable at prevailing rates under the extant Government policy for all Materials and services procured by the CONTRACTOR for the Scope of Work. Any change in the rates during the period of contract shall be paid extra at the time of invoicing. The same shall be reimbursed by the CUSTOMER to the CONTRACTOR at actuals on submission of documentary proof of such payment by direct remittance through challan and or by way of set off output GST liability against Input Tax Credit as per the provision GST Act. The CUSTOMER reserves the right to deny any increase in taxes, duties, levies, etc. if the delivery period is extended beyond the period specified.

10. **Method of payment**

(a) **Payment** :- The payment terms for the contract price shall be as follows:-

(i) The FIRM is to submit all the bills, pertaining to the test, within 30 days of completion of work to respective Coast Guard Ship/Station/DHQ-1/DHQ-15 against sanction and work order of individual unit with certificate stating that the bills are full and final and no other supplementary bills will be raised against this work. No bills will be accepted thereafter.

(ii) On successful completion of work, bills alongwith following relevant documents be submitted for verification and processing to ship /craft for onward dispatch to order placing authority (DHQ-1/DHQ-15/ICG Stations/Ships) for budgeting and forwarding to PCDA(Navy) for payment :-

- (aa) Ink-signed copy of Commercial Invoice (in triplicate)
- (ab) Copy of Work Order
- (ac) Work Done Certificate
- (ad) Test Certificate

**Note**:- All final bills payment are to be vetted and cleared by COA.

(b) **Payment Authority**. The Principal Controller of Defence Accounts (Navy), Mumbai, bank details i.e. Account No. MICR Code, Bank Code to enable e-payment by PCDA (Navy) are to be provided by the FIRM.



**Scope of work, quality assurance, time frame & standards of workmanship materials.**

11. **Scope of work** :- All jobs brought out at Enclosure-I will be undertaken as per periodicity mentioned against each type of tests. On completion of the basic and advanced tests of oils and coolants a test report will have to be rendered by the FIRM to respective units as per format at Enclosure-II within stipulated time schedule and a satisfactory Work Completion Certificate obtained from the client. The report should also be e-mailed to respective units. E-mail ID of all ships has been provided in Enclosure -III. Requirement of transportation of oils from client's to FIRM's premises and supply of sample bottles to the client prior collection and on completion of prescribed tests alongwith the test report will be borne by the FIRM. Though exact number cannot be estimated, both the parties agree to cater the approximate number of samples as brought out at Enclosure-I. FIRM has to mention parameters related to fresh oil data & acceptable limits for each sample. The report is required to incorporate recommendations pertaining to usability of lub oil or coolant.

12. **Quality Assurance** :-

(a) The agency/firm should be accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL). A copy of calibration test certificates/ Manufacturer's certificates issued with standard testing equipment and material as and when sought by the Coast Guard is to be handed over to Headquarters, Coast Guard Region (NW) for records.

(b) Assurance of quality of testing is the responsibility of the FIRM and FIRM is to ensure quality assurance norms are being followed. A team of Officers will inspect the FIRM's premises periodically to ascertain the quality standards. Periodicity of such inspection is left at the discretion of the Headquarters Coast Guard Region (NW).

13. **Schedule of collecting samples** :- The firm is required to arrange collection of samples from Coast Guard District Headquarters No. 1 & CGDHQ-1 at Porbandar & Okha respectively once in month and from ICGS Pipavav, ICGS Vadinar, ICGS Veraval, ICGS Mundra and ICGS Jakhau at Pipavav, Vadinar, Veraval, Mundra & Jakhau respectively as requested once in month.

14. **Time frame to render services and submit Test results:**

(a) **Basic Test:** The maximum time for completion of collection of samples, transportation to lab, analysis and generation of test results shall not exceed **10 days** from the date of collection. However, the Indian Coast Guard may on case to case increase this time frame to not more that **15 days**.

(b) **Upto a maximum of 10% of samples being landed on weekly/quarterly basis will be required to be collected, tested and reported within 24 Hrs:** The FIRM will abide by this time frame. Such requirement will be notified in advance by the Indian Coast Guard. In such cases the FIRM will ensure out of turn collection of samples from premises of Coast Guard DHQ/Stations.

(c) The initial report shall be delivered to the units via E-mail or fax within the above stipulated period. The date of fax or E-mail will be treated as the date of delivery of report. Hard copies of the report's (3 sets) shall be couriered /hand delivered to respective unit.



12

15. **Gate pass**:- Collection of samples from CGDHQ-1, Porbandar/CGDHQ-15, Okha/respective stations, the gate pass will be issued by CGDHQ-1, Porbandar/CGDHQ-15, Okha/ respective stations locally.

**Collection of samples and delivery of test reports/ sample bottles.**

16. **Procedure for Delivery**: The FIRM shall undertake to deliver empty sample bottles and collect the oil /coolant sample to and from DHQ/Stations located at Porbandar, Okha, Pipavav, Veraval, Vadinar, Mundra, Jakhau premises at the expenses of the FIRM. The FIRM shall notify the Indian Coast Guard , in advance the scheduled delivery dates /collection dates.

17. **Marking.**

(a) The sample bottles will be marked as per following instructions for easy identification and handling. FIRM is to ensure that proper blank labels are pasted/tagged on each samples bottle provided to the Client. To indicate necessary attributes each bottle will be tagged by the CLIENT as per following nomenclature:-

<b><u>Sl</u></b>	<b><u>Description</u></b>	<b><u>Significance</u></b>
(i)	Ship	Ship name for identification of samples.
(ii)	Equipment	Ship level identification and for reference by laboratory
(iii)	Sampling Date	Date Sample taken
(iv)	Oil/Coolant/AVCAT type	For reference
(v)	Hrs since last/coolant Change	For reference
(vi)	Hrs since last oil/coolant addition & quantity added	For reference
(vii)	Type of test (Basic/Advanced)	To determine test to be performed
(viii)	Running Hrs post Major overhaul (only for Lub oil)	
(ix)	Capacity of Coolant System (only for coolants)	
(x)	Signature of person – authorized for sampling.	

(b) The FIRM is to take necessary measures to ensure traceability of samples thereafter. The samples are to be retained for a minimum period of 90 days.

(c) The FIRM is to supply empty bottles for landing the sample.



18. **Consignee.**

(a) The package for collection of samples, delivery of empty sample bottles and subsequently the test reports shall be CGDHQ-1/ICG Stations at under mentioned address :-

The Commander  
Coast Guard District Headquarters No. 1  
Post Box No.25  
Porbandar, Gujarat -360575

The Commaner  
Coast Guard District Headquarters No. 15  
Post Box No.16  
Okha, Gujarat - 361350

The Commanding Officer  
ICGS Pipavav  
Post Box No.41  
Rajula, Amreli,  
Gujarat-365580

The Commanding Officer  
ICGS Mundra  
401-406, Chaturth Tal,  
Port User Building (5 B),  
Mundra, Kutch-370421

The Commanding Officer  
ICGS Vadinar  
Post- Vadinar, Dist-Jamnagar  
Gujarat-361010

The Commanding Officer  
ICGS Jakhau  
Post- Naliya, Taluka- Abdasa,  
Dist-Kutch, Gujarat- 370655

The Commanding Officer  
ICGS Veraval  
House No.133, lane No.4  
Shiv Sadan Building,  
Shivaji nagar, Veraval  
362265

(b) Address of the FIRM and contact person are as follows:-

- (i) Address of the FIRM :-
- (ii) Contact Person:-

**Liquidation Damages.**

19. If the FIRM fails to complete services (Basic and Advanced tests of oils as per stipulated time laid down) in accordance with this contract, the FIRM shall pay to the CLIENT, liquidated damages, @ 0.5% per week of contracted amount per job subject to the maximum of 10% on each job that is delivered late.

20. The FIRM shall not be liable to pay LD charge under this article if the delays in the delivery are due to the occurrence of force majeure as defined at para 21 below.

  
14

## Force Majeure.

21. (a) Neither party shall bear responsibly for the complete or partial non performance of any of its obligation (except for failure to pay any sum which has become due on account of receipt of goods under the provision 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, blockage, Acts or Action 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 **15(Fifteen)** days from the moment of their beginning.

(d) Certificate of a Chamber of Commerce (Commerce and Industry) or other competence 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 **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.

22. **Risk and Cost.** In event of the FIRM failing to honour contractual obligation within stipulated period risk offloading of tests will be invoked by the Coast Guard at the expense to the FIRM. Whenever, the risk off loading is restored to the FIRM is liable to pay the additional amount spent amount spent by the Coast Guard.

## Guarantee

23. The FIRM is to be guarantee that tests strictly conform to standards specified in scope of work at Enclosure I. The FIRM is to ensure a system of sample retention for a suitable period of 90 days for purpose of counter check if requested by the Client. The FIRM is also to ensure round robin system of occasional testing the samples, within the various laboratories of the FIRM is adhered to.



24. **Security Deposit / Performance Bank Guarantee** :- Performance Security deposit payable to the Purchaser is furnished by the Supplier in the form of a Performance Bank Guarantee (PBG) issued by a public sector bank or a private sector bank authorized to conduct government business, **in the prescribed format within thirty days from the date of contract.** At present, ICICI Bank Ltd, Axis Bank Ltd. and HDFC Bank Ltd. are the three private sector banks authorized to carry out government transactions. The performance security deposit is meant to compensate the Purchaser for any loss suffered due to failure of the supplier to complete his obligations as per contract. Performance security is payable by the supplier at the rate of 10% of the contract value . **PBG should remain valid for a period of sixty days beyond the date of completion of contractual obligations, including warranty.** The BG will be returned to the supplier on successful completion of all his obligations under the contract. In case the execution of the contract is delayed beyond the contracted period and the purchaser extension of delivery period, with or without LD, the supplier must get the BG revalidated, if not already valid. The format of the PBG is given below as per Form DPM-15.

### **Performance Bank Guarantee Format**

**From:**

**Bank** \_\_\_\_\_

To,

The Commander  
[for CSO (Tech)]  
Headquarters Coast Guard Region (NW)  
Gandhinagar

Dear Sir,

Whereas you have entered into a contract No. **3473/2 dated \_\_\_\_\_ 19** (hereinafter referred to as the said Contract) with **M/s \_\_\_\_\_** hereinafter referred to as the seller for testing of coolant/lub oil/hydraulic oil samples in the region of the said contract to the said seller and whereas the Seller has undertaken to produce a bank guarantee for 10 % of **Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only)** for testing of coolant/lub oil/hydraulic oil samples drawn from equipment fitted in ships/boats/crafts in region, **as Rs. \_\_\_\_\_ .00 (Rupees \_\_\_\_\_ Only)** to secure its obligations to the President of India We the \_\_\_\_\_ bank hereby expressly, irrevocably and unreservedly undertake and guarantee as principal obligors on behalf of the seller that, in the event that the President of India declares to us that the goods have not been supplied according to the Contractual obligations under the aforementioned contract, we will pay you, on demand and without demur, all and any sum up to a maximum of \_\_\_\_\_ Rupees \_\_\_\_\_ only. Your written demand shall be conclusive evidence to us that such repayment is due under the terms of the said contract. We undertake to effect payment upon receipt of such written demand.

2. We shall not be discharged or released from this undertaking and guarantee by any arrangements, variations made between you and the Seller, indulgence to the Seller by you, or by any alterations in the obligations of the Seller or by any forbearance whether as to payment, time performance or otherwise.

3. In no case shall the amount of this guarantee be increased.



4. This guarantee shall remain valid for according to the contractual obligations under the said contract. **PBG shall remain of sixty days beyond the date of completion of contractual obligations, including warranty.**

5. Unless a demand or claim under this guarantee is made on us in writing or on before the aforesaid expiry date as provided in the above referred contract or unless this guarantee is extended by us, all your rights under this guarantee shall be forfeited and we shall be discharged from the liabilities hereunder.

6. This guarantee shall be a continuing guarantee and shall not be discharged by and change in the constitution of the Bank or in the constitution of **M/s \_\_\_\_\_**

25. **Confidentiality**

(a) Non-disclosure and Non-use. Each party receiving Confidential Information shall treat such information as strictly confidential, and shall use the same care to prevent disclosure of such information as such party uses with respect to its own confidential and propriety information shall (i) disclose such confidential Information to (aa) only those authorized employees and directors of such party whose duties justify their need to know such information and who have been clearly informed of their obligation to maintain the confidential and/or proprietary status of such Confidential Information; OR (aa) only those third parties required for the Agreement and (ii) use such Confidential Information only for the purpose set forth in this Agreement.

(b) Terms of this Agreement. Notwithstanding anything to the contrary in this Agreement, neither party shall disclose the terms of this Agreement (including the fees set forth herein) to any third party may disclose the terms of this Agreement to its affiliates, attorneys and accountants, or to any potential investor or acquirer of a substantial part of such party's business (whether by merger, sale of assets, sale of stock or otherwise), or as may be required by law.

(c) The confidentiality term shall survive for a period of one year from the date of termination of this agreement.

**Termination of contract**

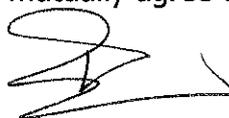
26. This contract shall normally be terminated on completion of **12 months** from the date of signing of the contract as mentioned in para 5 above. However, the contract can be prematurely terminated in any of the following situations:-

(a) For violation /breach/non-performance/non-fulfillment of all or any conditions, stipulations, clauses mentioned herein and shall be terminated by serving a notice to the FIRM in the prescribed manner and conducting such inquiry, if at all, as many be considered necessary by the CLIENT.

(b) If there is any violation of security rules by the FIRM as promulgated by the CLIENT/in force at CLIENT's premises.

(c) If FIRM acts in default of the terms and conditions of this contract, the legal heirs/representatives shall also be liable for the same.

(d) When both the parties mutually agree to terminate the contract.



If the FIRM should wish to terminate this contract for any reason, then, he shall serve a notice on the CLIENT in the manner prescribed in section 80 of Civil Procedure Code 1908, provided however that the FIRM shall be liable to continue to act under this contract on termination thereof by any party and for any reason whatever, until and unless the CLIENT would have made alternative agreements to secure the performance of the obligation under this contract, irrespective of such termination.

27. **Arbitration**

(a) In the event of any question, dispute or difference arising under this contract, or in regard of the interpretation of any of the items hereunder, except as to any matter the decision of which is herein specially provided for, the same shall be referred to the sole arbitration of the Commander Coast Guard Region (NW) or to such other person as may be appointed by him. There will be no objection on the grounds that Arbitrator is a Government Servant and that he had to deal with the matters to which this contract relates or, in the course of his duties as a Government Servant, he has expressed view on all or any of the connected issues. The decision of the arbitrator will be final and binding on the parties to this Contract. The arbitrator may extend the time for making and publishing his award from time with the consent of both the parties hereto. In all such proceedings provisions of Arbitration and Conciliation Act, 1996 along with any statutory rule or regulation framed from time and / or their amendments from time to time or any other similar status as may be in force at the relevant time.

(b) The parties shall continue to perform their obligations under this Contract during Arbitration proceedings.

(c) If the Arbitrator, the Commander, Coast Guard Region(NW), and in the event of him being transferred or vacating his office by resignation or otherwise, it shall be lawful for the successor in office either to proceed with the reference himself or to appoint another person who is acceptable to the FIRM AS Arbitrator or in the event of his being unable to act or becoming incapable of acting for any reason, it shall be lawful for him to appoint another person as Arbitrator 'or'

(d) If the Arbitrator be a person appointed by the Commander, Coast Guard Region(NW), and in the event of his dying, neglecting or refusing to act, or resigning or being unable to act for the Commander, Coast Guard Region(NW), either to proceed with the matter himself or to appoint another person as the case may be to act on record of the proceedings as then taken in the Arbitrator or to commence the proceedings in his discretion.

(e) No person other than the Commander, Coast Guard Region(NW) or the person appointed by him should act as Arbitrator and that, if for any reason, it is not possible, the matter is to be referred to Arbitrator at all.

(f) Upon every and any such reference, the assessment of the case incidentals to the reference and award respectively shall be at the discretion of the Arbitrator.

(g) The venue of Arbitrator shall be Gandhinagar, Gujarat.



28. **Standard Condition** The standard Conditions of the Contract will automatically be considered as a part of the contract. The standard conditions of the contract may be perused in the office of the **CLIENT**.

29. **Distribution.**

(a) Paying Authority (Address)- following details are given to enable internal audit to admit payments in connection with this contract-

(i) Sl 8.1, Schedule 8 under sub head "Minor Work" of DFPCG-2017 as per Govt of India, Ministry of Defence letter No. PF/ 0104/ CGHQ/ 432/ 2017/D(CG) dated 04 Jul 2017.

(ii) CFA for this contract – COMCG(NW)

(iii) Schedule of Powers applicable for this contract- Sl 8.1, Schedule 8 under sub head "Minor Work" of DFPCG-2017 as per Govt of India, Ministry of Defence letter No. PF/ 0104/ CGHQ/ 432/ 2017/D(CG) dated 04 Jul 2017.

(b) IFA (Address)- This is with reference to IFA's concurrence accorded vide U.O. number \_\_\_\_\_ dated \_\_\_\_\_.

(c) Inspection Authority (Address)- Respective DHQs/ICG Stations/Ships

30. **Testimonial and Signatures-** The authorized representative of the Seller should be shown to have been so authorized by the Resolution of the Board of Directors of the Company of the Seller or duly authorized by the Memorandum/Articles of Association of the company along with supporting documents for the same.

31. **Legal Addresses of the contracting parties**

For and behalf of

**The FIRM**

( )

Representative of FIRM

Dated

In the presence of

1. \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

For and behalf of

**President of India  
The Customer**

( )  
Chief Staff Officer (Tech)  
for Commander  
Coast Guard Region (NW)

Representative of Customers

Dated

1. \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

**1. Periodic Testing of samples:** Details of test type, test standard, unit with financial implication are as follows:

(A) PERIODIC TESTING OF LUB OIL BASIC TEST FOR DIESEL ENGINES (APPROX 811 SAMPLES)

SL NO	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	KINEMATIC VISCOSITY @40°C	ASTM D445	Cst	
(II)	KINEMATIC VISCOSITY@100°C	ASTM D445	Cst	
(III)	VISCOSITY INDEX	ASTM D2270	Calculated	
(IV)	WATER CONTENT	ASTM D 95	% OF VOLUME	
(V)	FLASH POINT	ASTM D 92	°C	
(VI)	TBN	ASTM D 4739	Mg KOH/g	

(B) PERIODIC TESTING OF HYDRAULIC OIL(BASIC TEST) (APPROX 265 SAMPLES)

SL	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	KINEMATIC VISCOSITY @20°C	ASTM D445	Cst	
(II)	KINEMATIC VISCOSITY@50°C	ASTM D445	Cst	
(III)	VISCOSITY INDEX	ASTM D445	CALCULATED	
(IV)	APPEARANCE (REPORT)	VISUAL		
(V)	WATER	ASTM D95	% OF VOLUME	
(VI)	HEXANE INSOLUBLES	ASTM D893	% BY WEIGHT	
(VII)	TOLUENE INSOLUBLES	ASTM D893	% BY WEIGHT	
(VIII)	TAN (mg KOH/g)	ASTM D974	Mg KOH/g	
(IX)	WATER CONTENT	BY CRACKLE		
(X)	FLASH POINT	ASTM D 92	°C	
(XI)	SALT CONTENT	ASTM D 3230/IP 77		

(C) ADVANCE TEST FOR LUB OIL (APPROX 143 SAMPLES)

SL	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	ALUMINUM (Al)	ASTM D5185	PPM	
(II)	BARIUM (Ba)	ASTM D5185	PPM	
(III)	BORON (B)	ASTM D5185	PPM	
(IV)	CALCIUM (Ca)	ASTM D5185	PPM	
(V)	CHROMIUM (Cr)	ASTM D5185	PPM	
(VI)	COPPER (Cu)	ASTM D5185	PPM	
(VII)	IRON (Fe)	ASTM D5185	PPM	
(VIII)	LEAD (Pb)	ASTM D5185	PPM	
(IX)	MAGNESIUM (Mg)	ASTM D5185	PPM	
(X)	NICKEL (Ni)	ASTM D5185	PPM	
(XI)	PHOSPHORUS (P)	ASTM D5185	PPM	
(XII)	SILICON (Si)	ASTM D5185	PPM	
(XIII)	SILVER (Ag)	ASTM D5185	PPM	
(XIV)	SODIUM (Na)	ASTM D5185	PPM	
(XV)	TIN (Sn)	ASTM D5185	PPM	
(XVI)	VANADIUM (V)	ASTM D5185	PPM	
(XVII)	ZINC (Zn)	ASTM D5185	PPM	

  
20

(D) BASIC TEST ON COOLANT (APPROX 411 SAMPLES)

SL	TEST TYPE —	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	PH VALUE	ASTM D 1287	--	
(II)	RESERVE ALKALINITY	ASTM D 1121	--	
(III)	HARDNESS CONTENT	ASTM D 511	PPM	
(IV)	CHLORIDE CONTENT	ASTM D 3634	PPM	
(V)	% OF INHIBITOR		PPM/BRUX	
(VI)	CONDUCTIVITY	BY CONDUCTIVITY METER	MS/CM	

(E) SAMPLE COLLECTION CHARGES FROM FOLLOWING COAST GUARD DHQ/STATIONS :-

SL	ICG DHQ/STATION	PER VISIT CHARGE IN RS.
(I)	CGDHQ-1 (PORBANDAR)	
(II)	CGDHQ-15 (OKHA)	
(III)	ICGS PIPAVAV (PIPAVAV)	
(IV)	ICGS VADINAR (VADINAR)	
(V)	ICGS VERAVAL (VERAVAL)	
(VI)	ICGS MUNDRA (MUNDRA)	
(VII)	ICGS JAKHAU (JAKHAU)	

2. **Technical Details:** Details of lub oil /hydraulic oil/coolant tests to be carried out for ships in this Region are as follows per year (Ship Locations may vary):-

(A) SHIPS BASED AT PORBANDAR:

SL	SHIP/BOAT / CRAFT	DESCRIPTION OF TEST	NUMBER OF SAMPLES PER YEAR
(I)	ICGS SAMUDRA PAVAK	(AA) BASIC TEST ON LUB OIL	96 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	28 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	06 SAMPLES
(II)	ICGS SHOOR	(AA) BASIC TEST ON LUB OIL	80 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	24 SAMPLES
		(AC) BASIC TEST ON COOLANT	32 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(III)	ICGS RAJRATAN	(AA) BASIC TEST ON LUB OIL	108 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(IV)	ICGS ARUSH	(AA) BASIC TEST ON LUB OIL	36 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(V)	ANKIT	(AA) BASIC TEST ON LUB OIL	36 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	09 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	03 SAMPLES
(VI)	ICGS C-143	(AA) BASIC TEST ON LUB OIL	36 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	16 SAMPLES
		(AC) BASIC TEST ON COOLANT	12 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	06 SAMPLES

(VII)	ICGS C – 409	(AA) BASIC TEST ON LUB OIL	08 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	08 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES
(VIII)	ICGS SAJAG (BEING COMMISSIONED )	(AA) BASIC TEST ON LUB OIL	40 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL
(IX)	ICGS C-445	(AA) BASIC TEST ON LUB OIL	08 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	08 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES

(B) SHIPS BASED AT OKHA:

SL	SHIP/BOAT / CRAFT	DESCRIPTION OF TEST	NUMBER OF SAMPLES PER YEAR
(I)	69 ACV SQUADRON FOR 05 ACVs	(AA) BASIC TEST ON LUB OIL	40 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	20 SAMPLES
		(AC) BASIC TEST ON COOLANT	40 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	20 SAMPLES
(II)	ICGS MEERA BEHN	(AA) BASIC TEST ON LUB OIL	29 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	09 SAMPLES
		(AC) BASIC TEST ON COOLANT	18 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	12 SAMPLES
(III)	ICGS ARINJAY	(AA) BASIC TEST ON LUB OIL	38 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	12 SAMPLES
		(AC) BASIC TEST ON COOLANT	24 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	12 SAMPLES
(IV)	ICGS C-411	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(V)	ICGS C-413	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(C) SHIPS BASED AT PIPAVAV:

SL	SHIP/BOAT / CRAFT	DESCRIPTION OF TEST	NUMBER OF SAMPLES PER YEAR
(I)	ICGS C-419	(AA) BASIC TEST ON LUB OIL	16 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	02 SAMPLES
		(AC) BASIC TEST ON COOLANT	12 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	04 SAMPLES
(II)	ICGS C-156	(AA) BASIC TEST ON LUB OIL	16 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	02 SAMPLES
		(AC) BASIC TEST ON COOLANT	08 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	NIL



(D) SHIPS BASED AT MUNDRA:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS C-401	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(II)	ICGS C-403	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(E) SHIPS BASED AT VADINAR:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS C-161	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(II)	ICGS C-152	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(F) SHIPS BASED AT JAKHAU:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS C-408	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(II)	ICGS C-429	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES
(III)	ICGS C-437	(AA) BASIC TEST ON LUB OIL	24 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	16 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	08 SAMPLES

(G) SHIPS BASED AT VERAVAL:

<u>SL</u>	<u>SHIP/BOAT / CRAFT</u>	<u>DESCRIPTION OF TEST</u>	<u>NUMBER OF SAMPLES PER YEAR</u>
(I)	ICGS C-149	(AA) BASIC TEST ON LUB OIL	04 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	04 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES
(II)	ICGS C-153	(AA) BASIC TEST ON LUB OIL	04 SAMPLES
		(AB) BASIC TEST ON HYDRAULIC OIL	08 SAMPLES
		(AC) BASIC TEST ON COOLANT	04 SAMPLES
		(AD) ADVANCED TEST ON LUB OIL	02 SAMPLES

## **PART-IV – SPECIAL CONDITIONS OF RFP**

[The Bidder is to give confirmation of their acceptance of the standard conditions of RFP, mentioned below which will automatically be considered as part of the contract concluded with the successful bidder. Failure to do so may result in rejection of the bid submitted by the Bidder.]

1. **Performance Guarantee:** The Bidder will be required to furnish a performance Guarantee by way of bank Guarantee through a public sector bank or private sector bank (ICICI Bank Ltd, Axis Bank Ltd or HDFC Bank Ltd only) authorised to conduct government business for a sum equal to 10% of total contract value within 30 days of receipt of the confirmed order. PBG should remain valid for a period of sixty days beyond the date of completion of contractual obligations, including warranty. The specimen of PBG is given in Form DPM – 15 (Available in MOD) website and can be provided on request.
2. **Payment Terms:** All payments shall be made by bank cheque/e-payment on a Monthly basis issued in the name of the FIRM (M/s \_\_\_\_\_) of bill will be made on submission of the following documents by the FIRM to the payment authority along with the bill through the ICG Ships/ Stations issuing work order:-
  - (i) Ink-signed copy of Commercial Invoice (in triplicate)
  - (ii) Copy of Work Order
  - (iii) Work Done Certificate
  - (iv) Test Certificate
3. **Payment Authority.** The Principal Controller of Defence Accounts (Navy), Mumbai, bank details i.e. Account No. MICR Code, Bank Code to enable e-payment by PCDA (Navy) are to be provided by the FIRM.
4. **Schedule for collecting samples :** The firm is required to arrange collection of samples from Coast Guard District Headquarters No. 1 & Coast Guard District Headquarters No. 15, ICGS Pipavav, ICGS Vadinar, ICGS Veraval, ICGS Mundra and ICGS Jakhau at Porbandar, Okha, Pipavav, Vadinar, Veraval, Mundra & Jakhau respectively once in a month as requested.
5. **Time frame to render services and submit Test results :**
  - (a) **Basic Test:** The maximum time for completion of collection of samples, transportation to lab, analysis and generation of test results shall not exceed **10 days** from the date of collection. However, the Indian Coast Guard may on case to case increase this time frame to not more than **15 days**.
  - (b) **Upto a maximum of 10% of samples being landed on weekly/quarterly basis will be required to be collected, tested and reported within 24 Hrs:** The FIRM will abide by this time frame. Such requirement will be notified in advance by the Indian Coast Guard. In such cases the FIRM will ensure out of turn collection of samples from premises of Coast Guard DHQ/Stations.
  - (c) The initial report shall be delivered to the units via E-mail or fax within the above stipulated period. The date of fax or E-mail will be treated as the date of delivery of report. Hard copies of the report's (3 sets) shall be couriered /hand delivered to respective unit.
6. **Liquidated damages:** If the FIRM fails to complete the services (basic and advance tests of oils as per stipulated time laid down) in accordance with this contract, the FIRM shall



pay to the client, Liquidated damage @ 0.5% per week of the contract price per job subject to the maximum of 10% on each job i.e. delivered late.

The FIRM shall not be liable to pay LD charge under this article if the delay in the delivery are due to the concurrence at para 12 defined below.

7. **Quality Assurance:**

(a) The agency/firm should be accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL). A copy of calibration test certificates/ Manufacturer's certificates issued with standard testing equipment and material as and when sought by the Coast Guard is to be handed over to Headquarters, Coast Guard Region (NW) for records.

(b) Assurance of quality of testing is the responsibility of the FIRM and FIRM is to ensure quality assurance norms are being followed. A team of Officers will inspect the FIRM's premises periodically to ascertain the quality standards. Periodicity of such inspection is left at the discretion of the Headquarters Coast Guard Headquarters (NW).

8. **Technical Bids:** The technical Bid is to be submitted strictly in accordance with **Enclosure-I** to this tender enquiry. **The agency/laboratory should be accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and copy of same to be included along with technical bid. FIRMs which does not have accreditation by NABL, will be disqualified in Technical Evaluation.**

9. **Commercial Bid:** The Commercial bid is to be submitted strictly in accordance with **Enclosure-II** to this tender enquiry. The Commercial bid once opened, will not be subjected to unilateral revision by the FIRM, unless the FIRM is called for price negotiations specifically and asked to justify the rates.

10. Commercial quote to be submitted with indication of all applicable taxes/duties in force separately.

11. **Issuance of Work Order:** Work order for testing of samples of lub oil/hydraulic oil/coolant drawn from equipment onboard Ships/ Crafts/ Boats will be issued by DHQ-1/Ship/ Respective Stations.

12. **Risk and Cost** :- In even of the FIRM failing to honour contractual obligation within stipulated period risk offloading of tests will be invoked by the Coast Guard at expense to the FIRM. Whenever, the risk off loading is resorted to the FIRM is liable to pay the additional amount spent by the Coast Guard.

**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, both technically and commercially.

b. The technical Bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical characteristics of the equipment as mentioned in the RFP. The compliance of Technical Bids would be determined on the basis of the parameters specified in the RFP. The Price Bids of only those Bidders will be opened whose Technical Bids would clear the technical evaluation.



c. The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder as per the Price Format given at Enclosure II. The consideration of taxes and duties in evaluation process will be as follows:-

All taxes and duties (including those for which exemption certificates are issued) quoted by the Bidders will be considered. The ultimate cost to the Buyer would be the deciding factor for ranking of Bids.

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 taxes for the purpose of comparison of prices. If reimbursement of Customs duty / Excise Duty / 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 such duties will be entreated 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 / GST 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 / GST 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 and GST also.

e. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.

f. 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.

## **2. Finalizing of L-1 FIRM.**

The L-1 FIRM will be decided on total cost( basic test of lub oil + basic test of hydraulic oil + advance test of lub oil + basic test of coolant+ sample collection charges) for one sample each of lub oils, hydraulic oils, coolants including all applicable taxes.



**[Refer to Part IV Para 8 of RFP]**

**FORMAT/GUIDELINES FOR PREPARATION OF TECHNICAL BID**

1. Name of the Ship : ICG Ship/ Boat/Craft
2. Type of Service : Testing of samples of lub oil/ hydraulic oil/coolant drawn from equipment fitted onboard ICG crafts/boats/ships
3. Duration of Testing : 10 days
4. Validity : 180 days

5. The Technical Bid should contain the following information and details so as to enable CGRHQ(NW) to assess the understanding, technical capability and infrastructure/resources of the firm:-

(a) Indicate whether EMD of **₹ 50,000/-** (Rupees fifty thousand only) has been enclosed with. **Yes/No**

(b) Indicate acceptance of the entire terms and condition as per RFP Technical bid **(or)** Indicate acceptance of the entire RFP except\_\_\_\_\_. (Indicate specific jobs not being undertaken as a Deviation List). **Yes/No**

(c) Indicate acceptance of the standard conditions, special conditions **(or)** Forward deviations for consideration of Technical Evaluation Committee. **Yes/No**

(d) Indicate acceptance of Payment terms as indicated in of Part IV of RFP. **Yes/No**

(e) Indicate whether the agency/laboratory is **accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and copy of same is attached.** **Yes/No**

(f) Indicate acceptance of capability of the FIRMS for undertaking testing of samples of lub oil/Hydraulic oil/coolant drawn from equipment onboard Ships/ Boats/Crafts as mentioned in Part II to RFP. **Yes/No**

(g) Indicate acceptance of FIRMS to carry out testing of samples of lub oil/Hydraulic oil/coolant within 10 days to ships at any of the places to receive and deliver as mentioned in Part II of RFP. **Yes/No**

6. It is further stated that the work package for testing of samples of lub oil/Hydraulic oil/coolant drawn from equipment onboard Ship/ Boat/Craft as per schedule of requirement as mentioned at Part II of RFP is understood and acceptable.

7. All the terms & conditions and work package as per RFP are also understood and acceptable to us.

Signature :  
Name :  
Designation :  
Date :  
Place :

- Note:**
1. Technical Bid should be sealed and no financial implication to be indicated in technical bid.
  2. Only ink signed technical bid is valid.
  3. Person attending opening of technical bid must be authorized by FIRM.



**COMMERCIAL BIDS FOR RATE CONTRACT FOR TESTING OF SAMPLES OF LUB OIL/**  
**HYDRAULIC OIL/ COOLANT DRAWN FROM EQUIPMENT FITTED ONBOARD**  
**ICG SHIP /BOATS CRAFT**

1. Name of the Ship : ICG Ship/ Boat /Craft
2. Type of Service : Testing of samples of lub oil/ hydraulic oil/coolant drawn from equipment fitted onboard ICG craft/boat/ship
3. Duration of Testing : 10 days
4. Validity : 180 days

Our offer for testing of following samples are as follows:-

**(A) PERIODIC BASIC TEST OF LUB OILS:**

SL	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	KINEMATIC VISCOSITY @40°C	ASTM D445	Cst	
(II)	KINEMATIC VISCOSITY@100°C	ASTM D445	Cst	
(III)	VISCOSITY INDEX	ASTM D2270	Calculated	
(IV)	WATER CONTENT	ASTM D 95	% OF VOLUME	
(V)	FLASH POINT	ASTM D 92	°C	
(VI)	TBN	ASTM D 4739	Mg KOH/g	
			GST/ TAXES	
			TOTAL	

**(B) PERIODIC BASIC TEST OF HYDRAULIC OIL:**

SL	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	KINEMATIC VISCOSITY @20°C	ASTM D445	Cst	
(II)	KINEMATIC VISCOSITY@50°C	ASTM D445	Cst	
(III)	VISCOSITY INDEX	ASTM D445	CALCULATED	
(IV)	APPEARANCE (REPORT)	VISUAL		
(V)	WATER	ASTM D95	% OF VOLUME	
(VI)	HEXANE INSOLUBLES	ASTM D893	% BY WEIGHT	
(VII)	TOLUENE INSOLUBLES	ASTM D893	% BY WEIGHT	
(VIII)	TAN (mg KOH/g)	ASTM D974	Mg KOH/g	
(IX)	WATER CONTENT	BY CRACKLE		
(X)	FLASH POINT	ASTM D 92	°C	
(XI)	SALT CONTENT	ASTM D 3230/IP 77		
			GST/ TAXES	
			TOTAL	



**(C) PERIODIC ADVANCE TEST OF LUB OIL:**

SL	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	ALUMINIUM (Al)	ASTM D5185	PPM	
(II)	BARIUM (Ba)	ASTM D5185	PPM	
(III)	BORON (B)	ASTM D5185	PPM	
(IV)	CALCIUM (Ca)	ASTM D5185	PPM	
(V)	CHROMIUM (Cr)	ASTM D5185	PPM	
(VI)	COPPER (Cu)	ASTM D5185	PPM	
(VII)	IRON (Fe)	ASTM D5185	PPM	
(VIII)	LEAD (Pb)	ASTM D5185	PPM	
(IX)	MAGNESIUM (Mg)	ASTM D5185	PPM	
(X)	NICKEL (Ni)	ASTM D5185	PPM	
(XI)	PHOSPHORUS (P)	ASTM D5185	PPM	
(XII)	SILICON (Si)	ASTM D5185	PPM	
(XIII)	SILVER (Ag)	ASTM D5185	PPM	
(XIV)	SODIUM (Na)	ASTM D5185	PPM	
(XV)	TIN (Sn)	ASTM D5185	PPM	
(XVI)	VANADIUM (V)	ASTM D5185	PPM	
(XVII)	ZINC (Zn)	ASTM D5185	PPM	
GST/ TAXES				
TOTAL				

**(D) PERIODIC BASIC TEST OF COOLANTS:**

SL	TEST TYPE	TEST STANDARDS	UNIT	PER SAMPLE RATE (IN RS)
(I)	PH VALUE	ASTM D 1287	--	
(II)	RESERVE ALKALINITY	ASTM D 1121	---	
(III)	HARDNESS CONTENT	ASTM D 511	PPM	
(IV)	CHLORIDE CONTENT	ASTM D 3634	PPM	
(V)	% OF INHIBITOR		PPM/BRIX	
(VI)	CONDUCTIVITY	BY CONDUCTIVITY METER	MS/cm	
GST/ TAXES				
TOTAL				

**(E) SAMPLE COLLECTION CHARGES FROM FOLLOWING COAST GUARD DHQ/STATIONS :-**

SL	DHQ/STATION	PER VISIT RATE IN RS.	GST/ TAXES IN RS.
(I)	CGDHQ-1, PORBANDAR		
(II)	CGDHQ-15 OKHA		
(III)	ICGS PIPAVAV		
(IV)	ICGS VADINAR		
(V)	ICGS VERAVAL		
(VI)	ICGS MUNDRA		
(VII)	ICGS JAKHAU		

Signature :  
Name :  
Designation :  
Date :  
Place :



Note: 1. Quote should be sealed.

2. Only ink signed commercial bid is valid.

3. Person attending opening of commercial bid must be authorized by FIRM.

4. Each page is to be authenticated (signed) by the Bidder.

5. Page numbering is a must to identify/locate missing/misplaced pages.

6. Bid Validity. The period to commercial bid is to be valid 180 days from the date of opening of Technical Bid.

A handwritten signature in black ink, consisting of stylized, overlapping letters and a long horizontal stroke extending to the right.

**E-MAIL ID OF /DHQs /STNs/ SHIPs**

<b><u>Sl No</u></b>	<b><u>Unit/Designation</u></b>	<b><u>E-mail Address</u></b>
1.	DHQ-1	dhq1@indiacoastguard.nic.in
2.	DHQ-15	cgs-okh@indiacoastguard.nic.in
3.	ICGS Samudra Pavak	s-pavak@indiancoastguard.nic.in
4.	ICGS Shoor	shoor@indiancoastguard.nic.in
5.	ICGS Pipavav	cgs-ppv@indiacoastguard.nic.in
6.	ICGS Ankit	ankit@indiancoastguard.nic.in
7.	ICGS Arinjay	arinjay@indiacoastguard.nic.in
8.	ICGS Arush	arush@indiacoastguard.nic.in
9.	ICGS Jakhau	cgs-jkh@indiacoastguard.nic.in
10.	ICGS Rajratan	r-ratan@indiancoastguard.nic.in
11.	ICGS Meera Behn	m-behn@indiancoastguard.nic.in
12.	ICGS Vadinar	cgs-vdr@indiacoastguard.nic.in
13.	ICGS Mundra	cgs-mdr@indiacoastguard.nic.in
14.	ICGS Veraval	cgs-vrl@indiacoastguard.nic.in
15.	69 ACV Squadron	acvsqn69@indiancoastguard.nic.in
16.	ICGS C-161	c161@indiancoastguard.nic.in
17.	ICGS C-403	c403@indiancoastguard.nic.in
18.	ICGS C-401	c401@indiancoastguard.nic.in
19.	ICGS C-419	c419@indiancoastguard.nic.in
20.	ICGS C-413	c413@indiancoastguard.nic.in
21.	ICGS C-409	c409@indiancoastguard.nic.in
22.	ICGS C-411	c411@indiancoastguard.nic.in
23.	ICGS C-143	c143@indiancoastguard.nic.in
24.	ICGS C-152	c152@indiancoastguard.nic.in
25.	ICGS C-153	c153@indiancoastguard.nic.in
26.	ICGS C-429	c429@indiancoastguard.nic.in
27.	ICGS C-149	c149@indiacoastguard.nic.in
28.	ICGS C-156	c156@indiacoastguard.nic.in
29.	ICGS C-408	C408@indiacoastguard.nic.in
30.	ICGS C-437	c437@indiancoastguard.nic.in
31.	ICGS Sajag	dhq1@indiacoastguard.nic.in
32.	ICGS C-445	dhq1@indiacoastguard.nic.in



