

RFP/TENDER ENQUIRY

Telefax-079-23243374
E-Mail: tech-nw@indiancoastguard.nic.in
Reply should be addressed
to the Commander

E- MAIL/SPEED POST

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

Quoting: 3504/7/As & As/WJ/ADS Class

28 Jul 20

**INVITATION OF QUOTATION FOR ALTERATION & ADDITION (A's & A's)
FOR INSTALLATION OF STEERING AND REVERSING BUCKET POSITION
INDICATOR ONBOARD THREE AADESH CLASS FPVs.**

Dear Sir/ Madam,

1. Quotation in sealed cover are invited on LTE basis from firms registered with Indian Coast Guard for ship repairs (Hull/ Engineering/ Electrical) for Alterations & Additions (A's & A's) for installation of steering and reversing bucket position indicator onboard ICGS Ankit, ICGS Arush based at Porbandar and ICGS Arinjay at Okha.

2. General Information about the tender:-

- (a) Tender Reference No. : **3504/7/As&As/WJ/ADS Class**
Dated 28 Jul 20
- (b) Last date and time for receipt of tenders: **1100 hrs on 20 Aug 20**
- (c) Time and date for opening of tenders : **1130 hrs on 20 Aug 20**
- (d) Place of opening of tenders : **CGRHQ(NW)**

**Headquarters
Coast Guard Region (NW)
Block no 11 & 12, 7th Floor
Sector-11, Udyog Bhavan
Gandhinagar – 382 017**

(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
PH-079- 23243374**

Contd--2/-

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 – 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 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. Please acknowledge receipt.

Thanking you,

Yours sincerely,



(Shripal Singh)
Dy Commandant
Regional Technical Officer (TS)
for Commander
Coast Guard Region (NW)

PART I – GENERAL INFORMATION

1. **Last date and time for depositing the Bid:**

Last date and time for depositing the Bid: The sealed bid should be deposited / reach by **1100 hrs on 20 Aug 20**. The tender shall be submitted in **Single Stage Single Bid system**.

2. **Manner of depositing the Bid:** The bid is to be **submitted in a sealed envelope**, duly marked as **"Bid for 3504/7/As & As/WJ/ADS Class dated 28 Jul 20"**. 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 tenderer. **The quotes are to be submitted under original memo/letter pad, inter alia, furnishing the TIN No., GST/CST No., Bank Address with account No. with the complete postal and e-mail address of the firm.** 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 20 Aug 20**. No responsibility will be taken for postal delay or non-delivery/non-receipt of tender documents.

3. **TIME AND SITE FOR OPENING OF TENDERS:** Sealed bids will be opened by a committee at **1130 Hrs on 20 Aug 20**. 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.

PLEASE QUOTE OUR RFP NO AND DATE OF TENDER OPENING ON SEALED COVER. FAILURE TO DO SO WILL RENDER YOUR OFFER INVALID.

4. **LOCATION OF TENDER BOX:** Tender box marked as **"TENDER BOX FOR REPAIR/ REFIT"** is located at Guard Room/ Reception of The Headquarters Coast Guard Region (NW), **Block No 11 & 12, 7th Floor, Sector-11, Udyog Bhavan, Gandhinagar, Gujarat.**

5. **Place of opening of the Bid:** Bid will be opened at **CGRHQ (NW), Gandhinagar**. The Bidder may depute his representatives, duly authorized in writing, to attend the opening of Bid on the due date and time. Rates and important commercial clauses quoted by Bidder will be read out in the presence of the representative of the Bidder. This event will not be postponed due to non-presence of your representative.

6. **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.

Contd--4/-

7. **Forwarding of Bid** : Bid should be forwarded by Bidder under their original memo / letter pad inter alia furnishing details like TIN number, VAT/CST/GST number, Bank address with NEFT 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 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 Bid**: 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 bid. No bid shall be modified after the deadline for submission of bid. No bid may be withdrawn in the interval between the deadline for submission of bid 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 Bid**: During evaluation and comparison of bid, 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 Bid**: 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 **90 days** from the date of opening of bid.

13. Tenders sent **by FAX** will not be considered. Tenders found in sealed box or received by registered post 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 out rightly.**

14. Commercial negotiations will be made only with the lowest bidder (L1) as determined by the tender opening committee. The date, time and venue fixed for this purpose will be intimated separately.

15. **Earnest Money Deposit:** Bidders are requested to submit earnest money deposit (EMD) for an amount of ₹ 3,000/- along with their bid. The EMD may be submitted in the form of an account payee demand draft, Fixed Deposit Receipt, Bankers cheque or bank guarantee from any **public sector banks** or a private sector bank authorised to conduct Govt business as per for DPM-16 (available in MoD website and can be provided on request). **EMD is valid for a period of 45 days beyond the final bid validity period.** EMD of the unsuccessful bidders would be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of 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 Central Purchase Organisation (e.g. DGS&D), National Small Industries Corporation (NSIC), Department of Micro Small and Medium Enterprises (MSME) or any department of MoD or Mod itself.** The EMD will be forfeited if the bidder withdraws or amends impairs or derogate 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:** - List of items / service required is as follows: -

(a) Alterations & Additions (A's & A's) job towards installation of steering and reversing bucket position indicator onboard ICGS Ankit and ICGS Arush based at Porbandar and ICGS Arinjay at Okha. Work involves installation & commissioning of 03 Nos steering and reversing bucket position indicator panels comprising two DC ammeters (4-20 mA range) near to the hydraulic power pack of each water jets (Port, Stbd & Centre) and cabling from individual feedback connection box to the indicator panel. Each DC ammeter to be calibrated with respect to water jet feedback current calibration chart provided in MCS-5 system for steering and reversing bucket positions. The 4-20 mA DC current scale for each ammeter to be replaced with new graduated degree scale for the respective steering nozzle movement and reversing bucket positions. The table for graduated scale corresponding to the steering nozzle/reversing bucket positions ia as below:-

Reversing			Steering		
Sl.	Position of Bucket	Scale in mA	Sl.	Position of Bucket	Scale in mA
(i)	Astern	4	(i)	Port	4
(ii)	Neutral	12	(ii)	Mid ship	12
(iii)	Ahead	20	(iii)	Starboard	20

(b) Proposed Bill of Materials for each ship is tabulated below:-

Sl.	Item Description	Qty
(i)	2 core cable (1.5 sqmm)	50 mtrs
(ii)	Ammeter DC (4-20mA)	06 Nos
(iii)	GI Cabinet for securing ammeter and associated accessories (30 x 15 x 10 cm)	03 Nos
(iv)	Junction Box(06 port)	02 Nos
(v)	Securing clamp for junction box	As per requirement

Contd...6/-

2. **Technical details:-**

(a) Technical details with technical parameters: As per Part-II, Para1 above. Line diagram indicating fitment of electrical fittings/ components and cable lay out is placed as Appendix "A" to this RFP.

(b) Requirement of installation/ Commissioning: As per Part-II, Para1 above

(c) Requirement of technical documentation: All relevant manuals/circuit diagrams & drawings including system cabling to be furnished alongwith service report.

(d) Requirement of Harbour Acceptance Trials (HATs): HATs required post commissioning.

(e) Requirement of pre-site/ equipment inspection: To be required at consignee's location.

3. **Single Bid System:** The Bidders are required to furnish copy of registration certificate with Coast Guard for ship repairs (Hull/ Engineering/Electrical) and clause by clause compliance of specifications bringing out clearly the deviations from specification, if any. The Bidders are advised to submit the bid as per the format placed at Enclosure-1.

4. **Completion Period:** The said package/ job is to be completed within **four months (120 days)** from the date of issue of work order. Please note that work order can be cancelled unilaterally by the CUSTOMER in case terms are not received within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the CUSTOMER, with the applicability of LD clause.

5. **Consignee details:** **The Commanding Officers**

ICGS Arush

Coast Guard District Headquarter No. 1
Post Box No. 25
Porbandar, Gujarat-360 575

ICGS Ankit

Coast Guard District Headquarter No. 1
Post Box No. 25
Porbandar, Gujarat-360 575

ICGS Arinjay

Coast Guard District Headquarter No. 15
Okha Port, Dist Devbhoomi Dwaraka,
Gujarat-361350

Contd...7/-

PART-III – STANDARD 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:** For a work costing more than 02 lakhs, the Bidder will be required to furnish a performance Guarantee by way of bank Guarantee through a public sector bank or private sector bank authorised to conduct government business (ICICI Bank Ltd, Axis Bank Ltd or HDFC Bank Ltd) for a sum equal to 10% of 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 specimen of PBG is given in Form DPM – 15 (Available in MOD) website and can be provided on request.
2. **Payment Terms:** It will be mandatory for the Bidders to indicate their bank account numbers and other e- payment details so that payments could be made through ECS/EFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate form prescribed by RBI to be submitted by bidders for receiving payments through RCS is at Form DPM-II (Available in MOD website and can be given on request). On successful completion of work onboard all three ships, bills along with relevant documents be submitted for verification and processing to CGRHQ(NW), Gandhinagar.
3. **Payment Authority** The Joint Controller of Defence Accounts(Navy), Porbandar. The payments of bill will be made on submission of the following documents by the seller to the payment authority along with the bill in triplicate:-
 - (i) Ink-signed copy of Commercial Invoice
 - (ii) Copy of Work Order
 - (iii) Work Done Certificate from ship.
 - (iv) Guarantee Certificate
4. **Period of Completion & Liquidated damages:** The entire work package needs to be completed within four months. Liquidated damages to the sum of 0.5% of the contract price of the delayed services post EDC, for every week of delay or part of week, subject to the maximum value of the liquidated damages being not higher than 10% of the contract price for remaining job of contract.
5. **Guarantee/ Warranty for Work man ship:** Standard Engineering Practices and quality workmanship are to be adhered to, repairs/ jobs shall be guaranteed for period of **six (06) months** against workmanship. Defects occurred due to poor workmanship should be attended by you free of cost at the earliest opportunity. In case of failure, the Department shall get rectification done at your cost at the earliest opportunity. In case of failure, the department shall get rectification done at your Risk and cost and the cost of such repairs/ job shall be recovered from other bills with PCDA(Navy) for payments. All works shall be subjected to stage and final inspection by user.
6. **Law:** The contract shall be considered and made in accordance with the laws of Republic of India. The contract shall be governed by and interpreted in accordance with the laws of Republic of India.

7. **Effective Date of the contract:** The contract shall come into effect on the date of Work Order and shall remain valid until completion of obligations of the parties under the contract. The deliveries, supplies and performance of the services shall commence from the effective date of contract.

8. **Arbitration:** 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 performances, which cannot be settled amicably, may be resolved through arbitration.

9. **Liquidated Damages:** In the event of your failure to submit the bonds, guarantees and documents, supply the stores/goods, installing the equipment and conducting trials etc. as specified in this contract, this office will have the discretion to withhold any payment until the completion of the contract. This office may, also deduct from your firm as agreed, liquidated damages to the sum of 0.5% of the contract. Price of the delayed / undelivered stores / services mentioned above for every week of delay or part of a week, subject to the maximum value of liquidated damages being not higher than 10% of the value of delayed stores. The LD as mentioned above will also be applicable for delay in submission of PBG by the firm.

10. **Termination of Contract :** This office has the right to terminate this contract in part or in full in any of the following cases:-

- a) The delivery of the material is delayed or causes not attributable to Force majeure for more than one month after the scheduled date of delivery.
- b) Your firm is declared bankrupt or becomes insolvent
- c) The delivery of material is delayed due to causes of Force Majeure by more than (03) months provided Force Majeure clause is included in the contract.
- d) As per the decision of the Arbitration Tribunal.

11. **Taxes and Duties:**

(a) Excise Duty, GST etc., if desired by bidder, must be specifically stated. In absence of any such stipulation, it will be presumed that the prices are inclusive of all such charges, and no claim for the same will be entertained.

(b) If re-imbursalment of any duty/tax 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 duty/tax will be entertained.

(c) Any change in duty / tax upward/down ward as a result of any statutory variation in excise taking place within the contract terms shall be allowed to the extent of actual quantum of such duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the buyer by the seller.

12. **Custom Duty:** For imported stores offered against forward delivery, the bidder shall quote prices thereof exclusive of custom duty. The bidder shall specify separately the CIF prices and total amount of customs duty payable. They will also indicate correctly the rate of customs duty applicable along with the Indian Customs Tariff Number. Customs duty as actually paid will be reimbursed on production of necessary documents i.e. Triplicate copy of the bill of entry, copy of bill of lading, and a copy of foreign principal's invoice. Alternatively, custom duty exemption certificate would be provided, if required.

13. **Excise Duty:** 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 Excise authorities.

14. **Octroi duty & Local Taxes:** Normally, materials to be supplied to Govt departments against government contracts are exempted from levy of town duty, octroi duty, terminal tax and other levies of local bodies. Octroi exemption certificate will be issued by this office depending upon the case

PART-IV - SPECIAL CONDITIONS OF RFP

The bidder shall be registered with Indian Coast Guard for ship repairs (Hull/Engineering/Electrical) and required to give confirmation of their acceptance of special conditions of RFP mentioned below which will automatically be considered as part of the contract concluded with successful bidder. Failure to do so may result in rejection of 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 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 (i.e., Rs. *****) 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 specimen of PBG is given in Form DPM-15 (Available in MoD website and can be provided on request).

2. **Payment Terms:** It will be mandatory for the bidders to indicate their bank account numbers and other relevant e-payment details so that the payment could be made through ECS/EFT mechanism instead of payment through cheques whenever feasible. payment will be on delivery and acceptance by the user on production of requisite documents.

3. **Advance Payments:** No advance payment(s) will be made.

4. **Period of Completion & Liquidated damages:** The entire work package needs to be completed within **120 days** from the date of placement of work order. Liquidated damages to the sum of 0.5% of the contract price of the delayed services post EDC, for every week of delay or part of week, subject to the maximum value of the liquidated damages being not higher than 10% of the contract price.

5. **Paying Authority**: The payment of bills will be made on submission of the following documents by the Seller to the Paying Authority along with the bill through this Headquarters:

- 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. Work Done/completion Certificate in duplicate from all three Ships.
 - v. Inspection note.
 - vi. Claim for statutory and other levies to be supported with requisite documents / proof of payment such as Excise duty challan, Customs duty clearance certificate, Octroi receipt, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc as applicable.
 - vii. Exemption certificate for Excise duty / Customs duty, if applicable.
 - 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)

6. **Guarantee/ Warranty for Work man ship** : Standard Engineering Practices and quality workmanship are to be adhered to, jobs shall be guaranteed for period of **six (06) months** against workmanship. Defects occurred due to poor workmanship should be attended by you free of cost at the earliest opportunity. In case of failure, the department shall get rectification done at your Risk and cost and the cost of such repairs/ job shall be recovered from other bills with PCDA(Navy) for payments. All works shall be subjected to stage and final inspection by user.

7. **Transportation**: - Door delivery basis

8. **Packing and Marking**: - The Packing and Marking clause will form part of the contract placed on successful Bidder.

9. **Quality:** The quality of the stores delivered according to the present Contract shall correspond to the technical conditions and standards valid for the deliveries of the same stores for in Seller's country or specifications enumerated as per RFP and shall also include therein modification to the stores suggested by the Buyer. Such modifications will be mutually agreed to. The Seller confirms that the stores to be supplied under this Contract shall be new i.e. not manufactured before (Year of Contract), and shall incorporate all the latest improvements and modifications thereto and spares of improved and modified equipment are backward integrated and interchangeable with same equipment supplied by the Seller in the past if any. The Seller shall supply an interchangeability certificate along with the changed part numbers wherein it should be mentioned that item would provide as much life as the original item.

10. **Inspection Authority/Contract Operating Authority:** The Inspection will be carried out by **the Commanding Officers, ICGS Ankit, ICGS Arush and ICGS Arinjay**. The mode of Inspection will be Departmental Inspection / User Inspection / Joint Inspection / Self-certification.

11. **Warranty:** 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/dispatch 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 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. This includes spares supplied by OEM/PAC firm.

12. **Bid:** The Bid is to be submitted strictly in accordance with **Enclosure-I** to this tender enquiry. The 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.

Contd.....12/-

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 bids will be evaluated by the Buyer with reference to the technical characteristics of the equipment as mentioned in the RFP. The compliance of bids would be determined on the basis of the parameters specified in the RFP.
 - (c) The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder as per the Price Format given at Enclosure-I. The consideration of taxes and duties in evaluation process will be as follows: -
 - (i) The L-1 bidder will be determined by excluding levies, taxes and duty levied by Central/ State/ Local government such as excise duty, Service tax, Octroi/ entry tax, etc on final product, as quoted by the bidder.
 - (d) 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.
 - (e) The Lowest Acceptable Bid will be considered further for placement of contract / Work 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.

FORMAT/GUIDELINES FOR PREPARATION OF COMMERCIAL BID

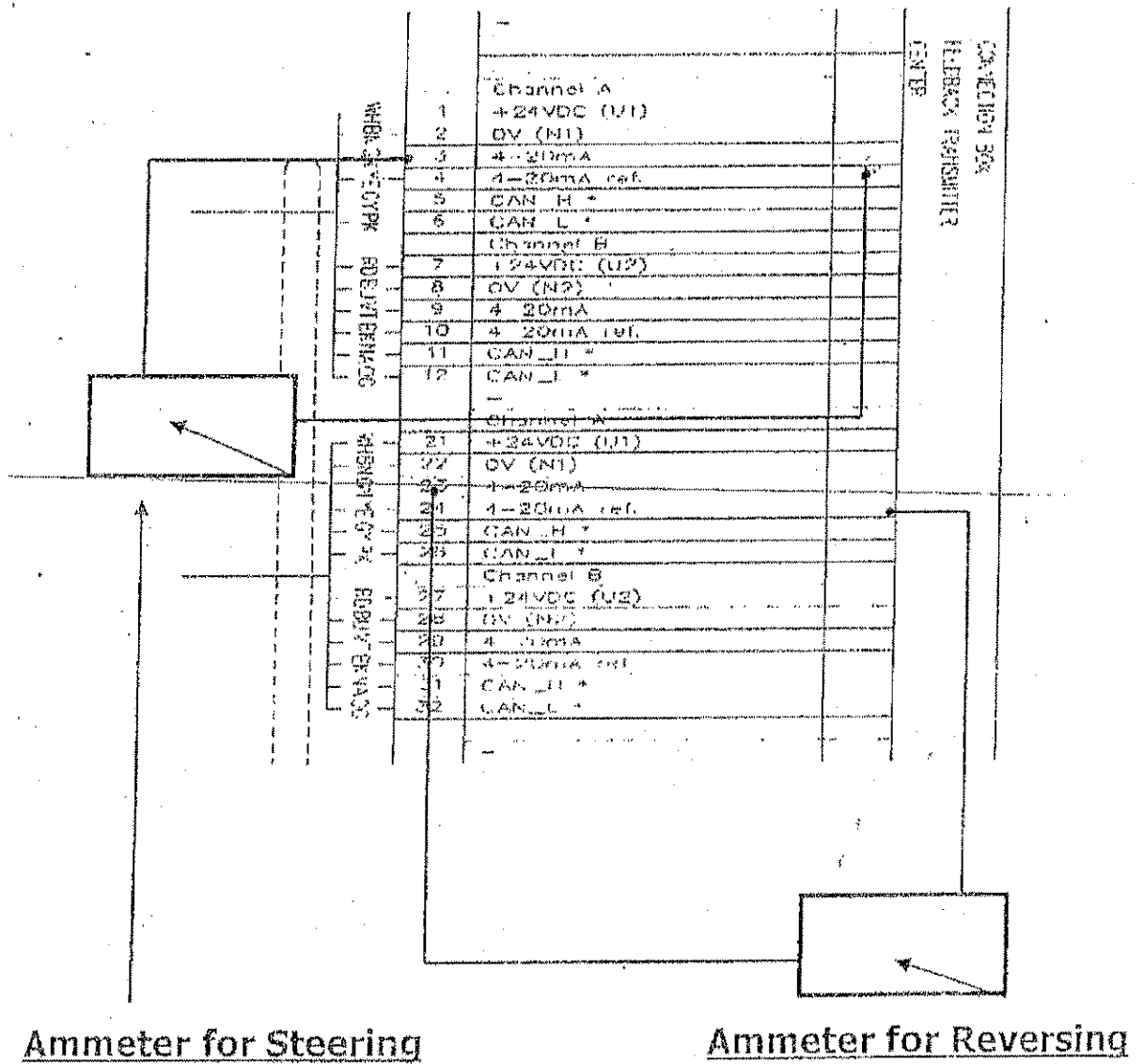
1. Name of the Ship : ICGS Ankit, ICGS Arush based at Porbandar and ICGS Arinjay at Okha
2. Type of Service : Alterations & Additions (A's & A's) job for installation of steering and reversing bucket Position indicator
3. Duration of work : 120 days
4. Validity : 90 days
5. Our lump sum offer for Alterations & Additions (A's & A's) for installation of steering and reversing bucket position indicator onboard ICGS Ankit, and ICGS Arush based at Porbandar and ICGS Arinjay at Okha as mentioned in Para 1 & 2 of Part II of RFP.
6. Commercial bid to be prepared as following: -

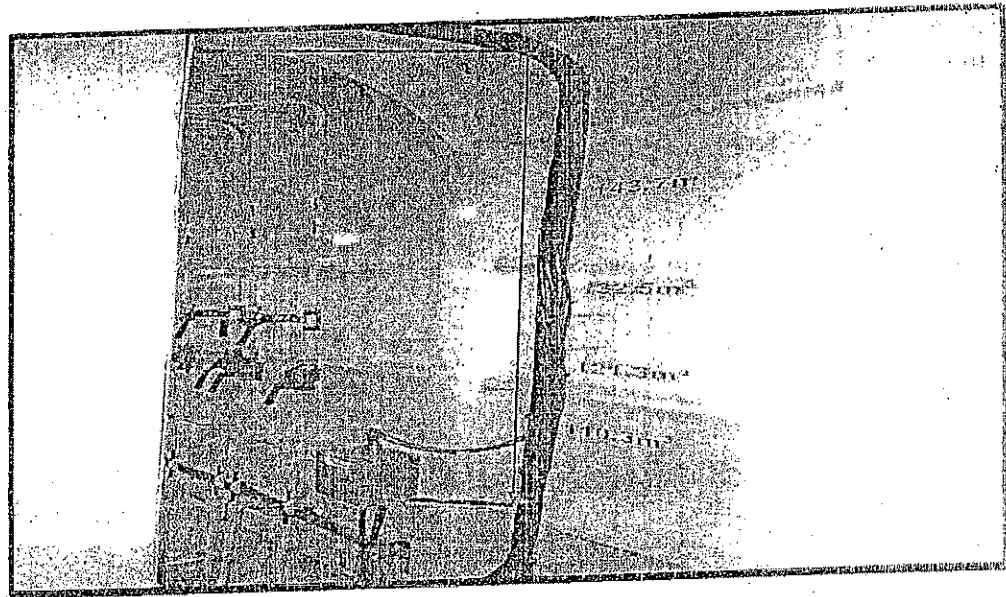
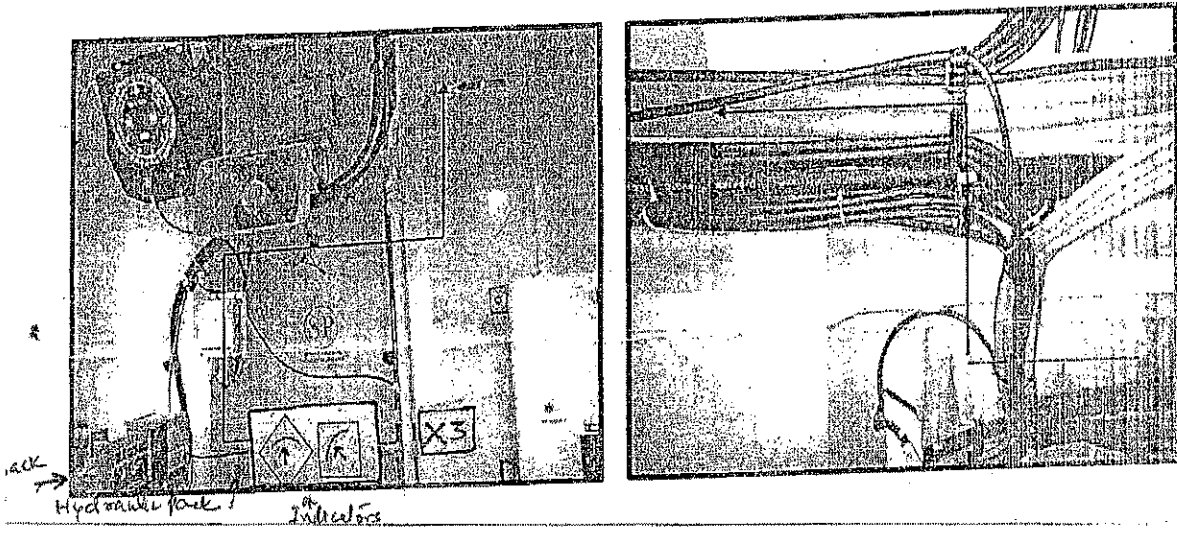
SI no.	Description	Amount (₹)
(a)	Alterations & Additions (A's & A's) for installation of 03 Nos steering and reversing bucket position indicator panels comprising two DC ammeters (4-20 mA range) near to the hydraulic power pack of each water jets (Port, Stbd & Centre) and cabling from individual feedback connection box to the indicator panel. Each DC ammeter to be calibrated with respect to water jet feedback current calibration chart provided in MCS-5 system for steering and reversing bucket positions. The 4-20 mA DC current scale for each ammeter to be replaced with new graduated degree scale for the respective steering nozzle movement and reversing bucket positions. Installation, setting to Work, Testing/ Tuning, commissioning and proving of steering and reversing bucket position indicator of all three water jet system to be done.	
(b)	Total (Basic Cost)	
(c)	Taxes/duties/GST etc with details	
(d)	Grand Total (b + c)	

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 90 days.

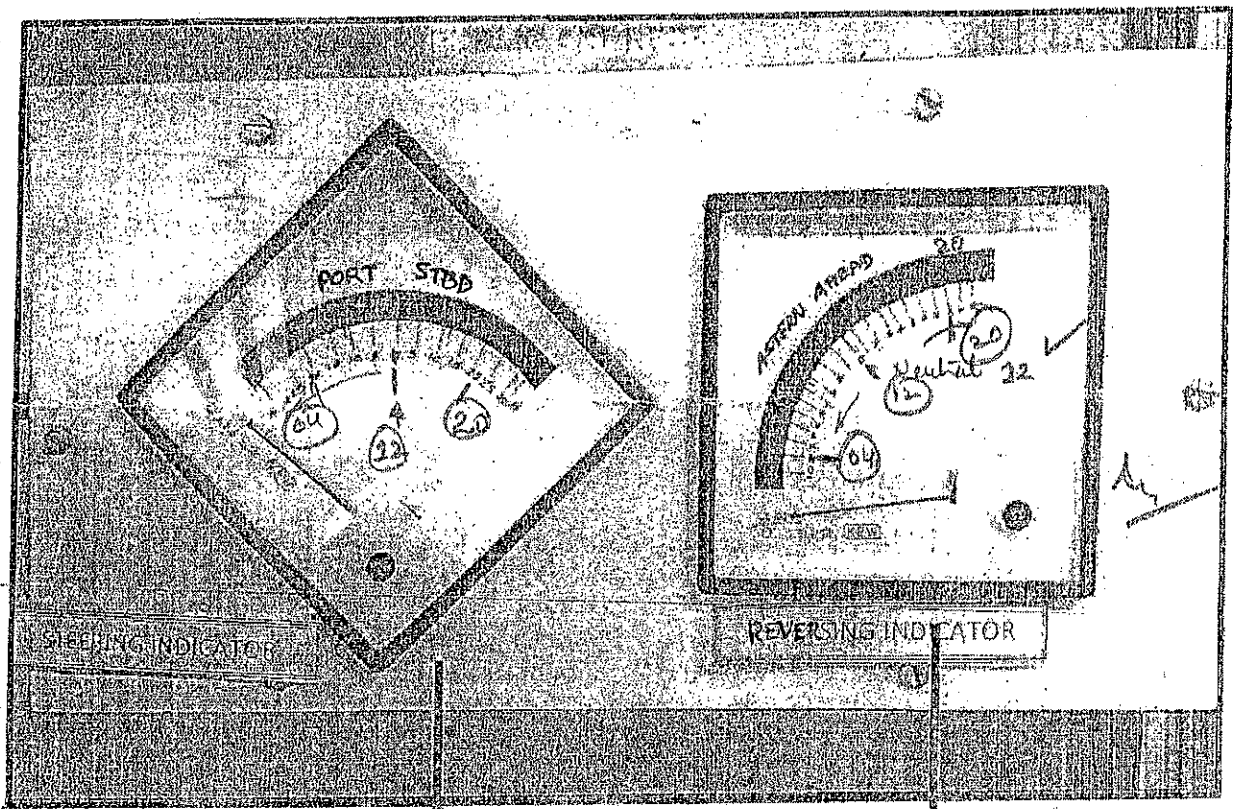
LINE DIAGRAM





Cable Layout from Ammeter to Connection Box for Feedback Transmitter

X3 → 03 sets, 01 each on respective Hyd. packs



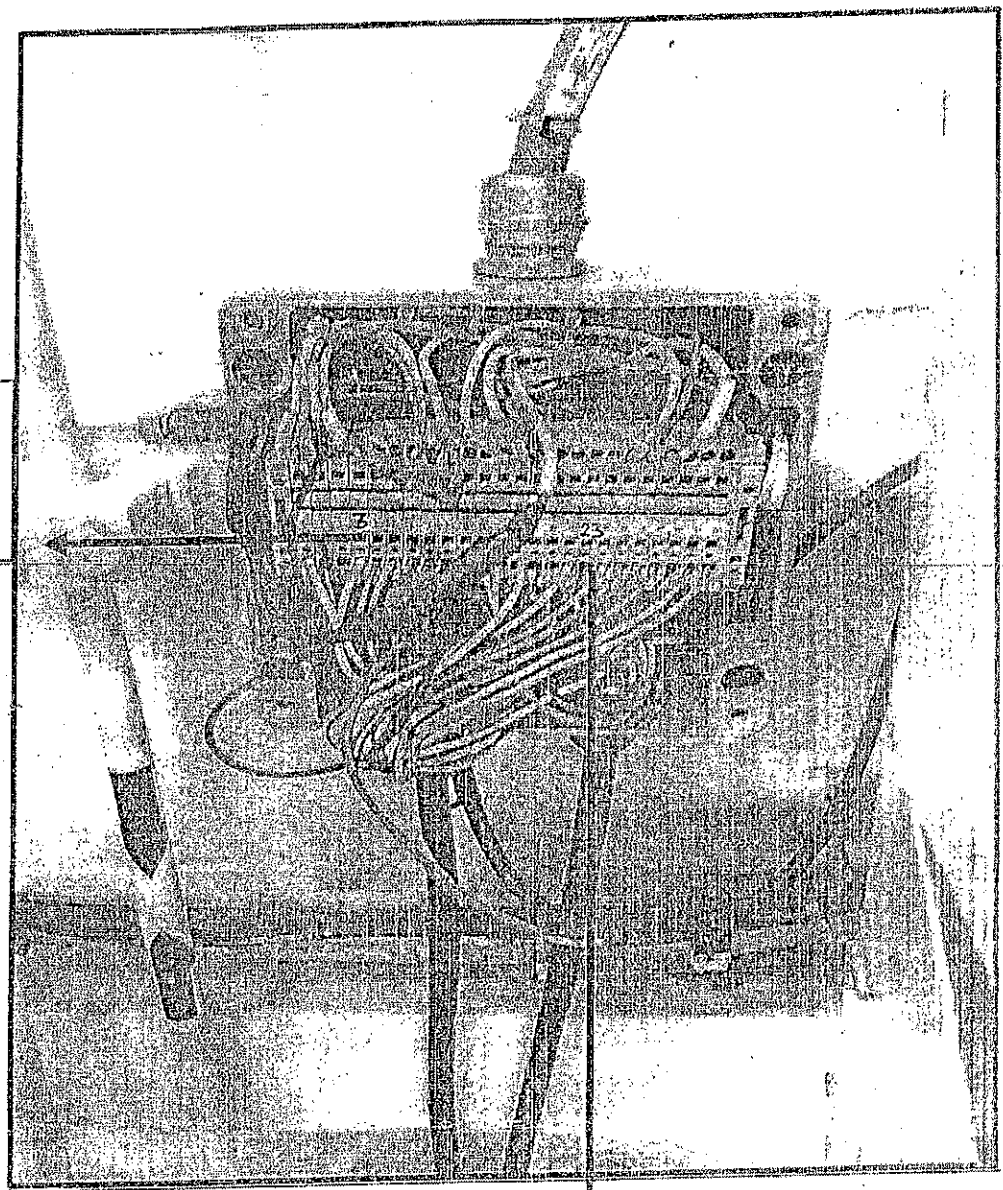
STEERING INDICATOR

REVERSING INDICATOR

0-4 DC mA Ammeter
Scale Calibrated for
Steering Bucket
movement

0-4 DC mA Ammeter
Scale calibrated for
Reversing Bucket
movement

Connection No 3.
Steering Indicator
Ammeter



Connection No 23.
Reversing
Indicator
Ammeter