



HINDUSTAN SHIPYARD LTD.
(A Government of India Undertaking)
Gandhigram, Visakhapatnam-530 005.
Dry Dock & Ship Repairs Division

Tel: 9951542610 / 9951542611 / 9951542613/ 9951542614

Fax: 2577667 (DDSR)/2577356/2577502 (YARD)

Email: hsl_ddsr@rediffmail.com/ddsr_est@yahoo.com

Ref: 20/SANDHAYAK/LT/ **060** /2010-11

August 30, 2010

Dear Sir,

Sub: Invitation of Tenders for execution of Ultra High Pressure Blasting & Painting on INS SANDHAYAK at Ship Repair Division.

1. HSL, a Pioneer Shipbuilding and Ship repair yard, invites tenders from experienced eligible Indian contractors for executing ultra high pressure fresh water jet blasting and painting of above boot top of side shell and super structure of the above said vessel
2. The subcontractor having past experience in Ultra high pressure fresh water jet blasting works are considered. Bidder shall submit at least one Xerox copy of recent works contract executed by them along with satisfactory performance certificate issued by the owner of the firm for consideration.
3. Parties are advised to go through the tender conditions and submit their bids in two different sealed covers as "*Part-1 techno commercial Bid(covering letter along with Enclosure I to IV)*" & "*part-2 price Bid (Enclosure V)*" duly super scribing the tender reference number on the individual covers. Both these two covers shall be kept in a single sealed cover super scribing the tender reference and due date without fail. Both techno-commercial and price bid should be submitted in duplicate without fail.
4. The tender is to be sent along with a crossed non-refundable demand draft for Rs.500/- towards tender fee and an amount of Rs.25,000/- (Rupees Twenty Five thousand only) is payable by way of Demand Draft towards refundable EMD from any Nationalized Bank, drawn in favour of HINDUSTAN SHIPYARD LTD., payable at Visakhapatnam. These two Demand Drafts are to be enclosed only with Technical Bid and not with Price Bid, which may please be noted by the bidders without fail.

Any tender received without the above tender fee and EMD will be summarily rejected. Adjustment of tender fee and EMD from the pending invoices of DD&SR shall be allowed for consideration.

The bidders who had already submitted their tender fee and EMD vide Public Tender Enq. No. 20/Sandhayak/PT/011/2010-11, dt.30.4.2010 are exempted for payment.

Further, the bidders who are already registered with HSL and if the parties are exempted for payment of EMD as per the HSL registration letter, such bidders are exempted for the same.

5. The due date for receipt of tenders is 6th Sept, 2010 till 1400 hours and techno commercial bids will be opened at 1500 hours on the **same day**.
6. The price bid (part-2) of the technically qualified tenders will be opened at a later date with prior intimation through e-mail / fax to the qualified bidders.
7. The techno-commercial bids should not contain any prices but should indicate only the percentage of statutory levies, viz. Percentage of Service taxes, percentage of duties, etc., if any
8. The techno commercial bid shall not contain any prices. However, any issues, which have a bearing on the price bid, are to be brought out in the technical bid without fail.
9. Interested parties may visit the Shipyard to get acquainted with the working conditions prevailing in HSL. The tenders will be received at the following address:

THE GENERAL MANAGER (SHIP REPAIRS)

DD&SR Division

Hindustan Shipyard Ltd.

Gandhigram, Visakhapatnam-530 005.

10. It is imperative that all contractors intending to undertake the jobs at HSL shall get themselves registered with HSL, after getting qualified in the bid.
11. HSL reserves the right to decide the L1 status on overall L1 basis.
 - 11.1 It may please be noted that while rate will be established at the negotiated L-1 rate, preference will be given in awarding of work to the sub-contractors, depending upon the tender status of the party and the capability. Vividly the L-1 party will get preference in allocation of work, followed by L2 party and so on. As such, Bidders are advised to submit their most competitive quotation for the jobs specified. HSL reserves the right to cancel the tender or distribute the job to one or more parties depending upon the work and time factors without assigning any reasons.
12. Intended parties can also visit HSL **web site www.hsl.nic.in**, down load the tender form and to quote as per the conditions stipulated above.
13. The bidders shall keep their offers valid for a period of 60 days from the date of opening of Technical Bid without fail.
14. The bidder shall produce the following along with techno-commercial bid without fail.

- a) Copy of PAN card
 - b) Copy of works contract recently executed on Hydro Blasting
 - c) Performance Certificate issued by the owner for which the works are completed.
 - d) Copy of PF certificate.
 - e) Copy of ESI certificate.
 - f) Labour license (if employees are more than 19 are employed in firm)
 - g) List of equipment which are proposed to bring to HSL for execution of work
 - h) Safety equipments and gadgets for work
 - i) Service Tax Registration Certificate
 - j) Owner ship documents of Hydro Blasting Machines for minimum 2nos. along with accessories
15. The conditions indicated in this covering letter also forms part of the other conditions enclosed to this letter, which shall be noted by the bidders without fail.
16. All the pages, including the invitation of tender of our enquiry, are to be duly signed and stamped by the bidders and to be enclosed along with the Technical Bid.

Thanking you,

Yours faithfully,
For Hindustan Shipyard Limited,

(K.JAGANNADHA RAO)
CHIEF MANAGER (C&E-OS)

- Encl.: 1. Techno commercial Bid – Enclosure-I.
2. General terms & conditions – Enclosure-II
3. Terms & Conditions and Instructions to the sub-contractors- Enclosure-III
4. Misc. Documents – Enclosure - IV.
5. Price Bid - Enclosure- V

PART 1 ENCLOSURE-I

TECHNO COMMERCIAL BID

INS Sandhayak is arrived for major lay up repairs at our yard. The vessel requires Ultra High Pressure Fresh Water Jet blasting to SA 2.5 (or) equivalent standard and one coat of priming. Staging will be arranged by HSL on need basis. However, on completion of blasting / painting work, cleaning of scaffolding/staging and hand over to stores is the responsibility of the contractor.

SCOPE OF WORK:

S.NO	ACTIVITY	QTY	UNIT
1	ULTRA HIGH PRESSURE FRESH WATER JET BLASTING TO SA 2.5 (or) EQUIVALENT STANDARDS	3916	SQMT
2	APPLICATION OF ONE COAT OF EPOXY PAINT	3916	SQMT

SERVICE TAX: _____% INCLUSIVE / EXCLUSIVE

OTHER TAXES/DUTIES: _____ % INCLUSIVE / EXCLUSIVE

NB:

1. QUANTITY INDICATED ABOVE ARE APPROXIMATE AND PAYMENT WILL BE MADE AS PER ACTUAL SURFACE AREA ALLOTTED AND CARRIED OUT
2. Details of Hydro Blasting Areas:
 - i) Above boot top area of side shell to be attended during dry dock period and wet basin with pantoon.. 2100 sqmtrs
 - ii) Upper deck .. 1200 sqmtrs
 - iii) Captain deck .. 66 sqmtrs
 - iv) Helo deck .. 180 sqmtrs
 - v) Quarter deck .. 140 sqmtrs
 - vi) Bridge top .. 65 sqmtrs
 - vii) Bridge deck .. 65 sqmtrs
 - viii) Bamboo deck .. 45 sqmtrs
 - ix) Gun deck .. 30 sqmtrs
 - x) Below Gun deck .. 25 sqmtrs

Total Area .. 3916 sqmtrs
=====
3. Degreasing, cleaning, surface preparation are part of contractor scope and no additional payment is allowed for preparatory work for hydro blasting.
4. Offering of stage inspection to WOT/SS and to satisfy the survey requirements is part of contractor scope.

GENERAL TERMS & CONDITIONS

1. **HSL'S SCOPE:**

1.1 **STAGINGS (SCAFFOLDING):**

Staging (scaffolding) will be arranged by HSL for carry out the work on need basis. However, any extension planks required facilitating the blasting / painting works are to be arranged by Contractor and the necessary material will be arranged by HSL free of cost.

On completion of HP blasting and painting works, the cleaning of scaffolding and hand over to stores is part of contractor scope.

1.2 **CONSUMABLES:**

Required fresh water shall be arranged up to shore line on the wet basin / Dry dock closed gallery. Necessary flexible connections and fittings are to be arranged by the contractors by themselves.

1.3 **POWER:**

Electrical power will be provided free of cost from an existing distribution point. Necessary and adequate care shall be taken for the individual safety of the persons working on the system as well as on the equipments. Any extensions required beyond this point and also the provision for isolating switches and panel board etc. shall be in the scope of contractor.

Using of Electrical motor operated Hyrdo Blast machines and painting compressors are not allowed. Engine driven equipments are only permitted for use. The contractor has to use their own diesel for carry out the job. No additional payment is allowed.

1.4 **CRANES:**

Cranes will be provided free of cost on a written request by the contractor at the convenient timings.

2. **SCOPE OF WORK OF CONTRACTOR:**

2.1 Eligibility: The contractors who are having their own Hydro Blasting Machinery along with accessories are only eligible to submit their quotes.

The bidders need to submit the documentary evidence of owner ship of Hydro Blasting machines along with techno commercial bid, failing which the offer shall not be due considered for technical evaluation.

2.2 The contractors should have well qualified supervisory staff and engineers to undertake the work, meet the targets, quality standards,

and able to offer the complete work for acceptance by owners without undue dependence on the engineers of HSL. The workmen, supervisors, engineers employed shall also comply with discipline, other rules and regulations including safety rules applicable to the Shipyard.

- 2.3 The contractors shall possess/employ their own equipments/tools /plants for carrying the works entrusted to them. The same shall be of good quality and need to satisfy the requirement for carrying out the job to the quality requirements. The Hydro Blasting Machine shall be Diesel Engine operated type and electrical motor operated hydro blasting machines and painting compressors are not allowed.
- 2.3 The Contractor shall deploy work force round the clock on all days including Sundays and Holidays without any break and shall be able to carry out the works as per the requirement of HSL.
- 2.4 Records of inspection should be maintained in the prescribed formats as per the prevailing quality systems and should be submitted to HSL for records.
- 2.5 Care shall be taken to prevent any damages of equipment/ electrical cables and other materials due to material handling/ blasting / painting, etc. And if any damages occurred, the same are to be repaired/ rectified without any extra cost.
- 2.6 The contractor shall report to HSL officer in-charge of the work from time to time and report the day progress of work.
- 2.7 HSL has accreditation of ISO 9001 from LRQA for their shipbuilding and in the process of obtaining ISO 9002 accreditation for their ship repairs activity from IRQA shortly. Hence, these works shall comply with these requirements and necessary documents/records shall be maintained by the contractors.
- 2.8 The entire safety of the workmen and equipment is the responsibility of the contractors. Necessary safety gadgets, viz. helmets, shoes, leather hand gloves, sleeves, aprons, safety belts and equipment, tools etc. are to be supplied to the workmen by the contractor and ensure they should wear the same without fail. The workforce should comply with discipline, other rules & regulations as prevailing in Hindustan Shipyard Ltd.

If any accident occurs during the execution of the work, HSL is not liable for such incidents and the contractor shall stand responsible for the same.

- 2.9 Clearance certificate is to be obtained from the respective supervising officials of the D.D.S.R. Production Departments stating that scrap/other waste materials generated by the Sub-contractors during the course of work were removed by them immediately on completion

of work on daily basis, otherwise payments will not be released, which may please be noted.

3. **TIME SCHEDULE:**

Mobilization of Hydro blasting Equpt: 15days from date of issue of LOI / Intimation letter to mobilize Equipment, whichever is later.

Period of completion : 30days from date of mobilization of Equipment at HSL

4. **LIQUIDATED DAMAGES:**

Time is essence of the contract and works entrusted to the contractor shall be completed within the stipulated period. Any delay in completion of work will attract Liquidated Damages @ 0.5% per day OR part thereof subject to a maximum of 10% of the value of the contract awarded to the sub-contractor.

5. In case the work is abandoned by the contractor or terminated by HSL for reasons of slow progress of work or bad quality of work or any other reasons attributable to the sub-contractor, the total work will be got completed by HSL at the risk and cost of sub-contractor and consequential additional cost and or loss if any will be recovered from the sub-contractor.

6. Penalty shall be levied in the event of the contractor indulging in the following activities and the action, which affect the spirit of the contract adversely:

6.1 Strikes, Dharnas, Bundhs, intentional slowing down of the pace of the work.

6.2 Failure to mobilize the required workforce in proportion to the required tempo in executing the work.

6.3 Deviation of workforce to the other works, which are not connected to the contract.

6.4 Frequent adverse remarks by the Quality Control Department on the quality of the works being executed.

6.5 Deploying sub-standard machinery and unqualified personnel in contrast to the commitments indicated in their offers for the contract.

7. **SUBLETTING OF CONTRACT:**

The contractor to whom the contract is awarded shall not sublet, transfer, or assign the contract or any part thereof without the written permission from Shipyard. In the event of contravening this condition, Shipyard shall be entitled to place contract elsewhere on contractor's

account and at contractor's risk and the contractor shall be liable for any loss or damage, which the Shipyard may sustain in consequence of arising out of such replacing of the contract.

8. **GUARANTEE:**

The workmanship shall be guaranteed by the sub-contractors for TWELVE (12) months from the date of satisfactory completion of works, duly certified by officers concerned. Defects, if any, noticed during this period shall be rectified free of cost by the contractor. In case the contractor fails to attend the repairs within 7 days from date of intimation, the repair / rectification work will be attended at the risk and cost of contractor by HSL.

9. HSL will give sufficient space subject to availability for setting up office and the contractor should make his own arrangements for setting up of the office. If vacancy exists the contractor will be given office accommodation on rental basis.

10. **PARALLEL CONTRACT:**

HSL reserves the rights to include further parallel contract during the currency of the contract and also to get contracted work done outside, irrespective of the value of the work, when the work is to be done on the emergency basis or when such course considered necessary.

11. **PAYMENT TERMS:**

100% payment shall be made within 30 days after submission of your invoice and clarifications, if any, thereon in triplicate along with job completion certificate duly signed by HSL Production In-Charge and submission of PBG for the 10% value of contract / invoice.

12. **PERFORMANCE BANK GUARANTEE AND GUARANTEE PERIOD FOR THE WORKS:**

The successful Contractor shall submit Bank Guarantee towards performance for 10% of the contract value issued by any Nationalized Bank. The Guarantee shall be kept valid for 14months from date of completion of work. (One year guarantee period plus two months claim period).

13. **EVALUATION CRITERIA:**

The following are main requirements for evaluation of technical suitability and failing which, the offer shall be ignored.

- a) Proof showing the recent works carried out (not later than 6months) and performance certificate from firm for whom the works were carried out.

- b) Confirmation on period of mobilization time + completion time period as per tender enquiry
- c) Copy of PF Registration Certificate
- d) Copy of Labour License if more than 19 employees are proposed to engage at HSL for above said work.
- e) Documentary evidence showing Ownership of Hydro Blasting Equipment with accessories (2 sets)
- f) List of Hydro blasters on their rolls
- g) Offer for Inspection of Machines and demonstration of blasting to HSL team at party' works (applicable for new parties as per page 3/6 of Enclosure IV who had not attended works with HSL in the past)

TERMS & CONDITIONS AND INSTRUCTIONS TO THE SUB-CONTRACTORS

1. **GENERAL:**

- 1.1 Contractors may submit their Tenders on their own forms as per the enclosed formats. The tenders should be in **English Language only**.
- 1.2 Tenders posted or submitted after the due dates are considered as **"LATE TENDERS"** and are liable for rejection. Tenders posted before the due date but received after the due dates are considered as **'DELAYED TENDERS'** and are liable for rejection.
- 1.3 Tenders shall be submitted in duplicate in accordance with the Technical Specifications and other Instructions if any in the manner prescribed.
- 1.4 Each page of the Tender must be numbered consecutively and bear the Tender number and signature of the Contractors.
- 1.5 Corrections and alterations in the Tenders, if any shall be initialed by the Contractor without fail
- 1.6 Only the authorized representative(s) of the Contractors who have submitted their Tenders are eligible to be present at the time of opening of Tenders and they may if they so desire, note down the particulars of the other Tenders in the manner directed by the officer who presides over the said Tender opening.
- 1.7 Contractors or their representative(s) who failed to attend the Tender Opening on the specified date(s) are not entitled to have the particulars of the other Tenders at a later date(s).
- 1.8 Non-adherence to any of our conditions may render your quotation liable to be rejected.

2. **VALIDITY OF OFFER:**

The contractors/bidders should confirm that their offer should be kept valid for a period of 60 days from the date of opening of the Technical bid without fail.

3. **TAXES & DUTIES:**

The rates quotes shall be exclusive of all taxes and duties. Bidders are requested to indicate the % of taxes and duties applicable on the rates quoted in their techno commercial bid and as well as in price bid.

Service Tax : _____ extra

Other taxes (if any): _____ extra

4. **E.M.D.:**

The EMD amount of unsuccessful bidders will be refunded within ONE MONTH from the date of concluding the contract.

In case of successful bidder, the EMD will be converted into Security Deposit and will be refunded after expiry of Guarantee Period. In case the successful bidders fail to accept within 10 days of placement of Order/LOI, or mobilize the equipment / start the job as per the HSL requirement/failure in arrangement of inspection and demonstration of Hydro Blasting at the party's works, the EMD / Security Deposit of the respective bidder shall be forfeited.

Further, EMD shall be forfeited in case any sub-contractor choose to withdraw the tender already submitted by them to HSL before opening of technical bid, and

Withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender, and Non-acceptance of Order.

5. **CORRUPT PRACTICES:**

The Contractors shall not offer or give or agree to give any person in the employment of the HSL or working under the orders of the HSL any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the contract or any other contract with HSL or for showing any favour for forbearance to show disfavour to any person in relation to the contract or any other contract with HSL. Any breach of the aforesaid condition by the Contractors, or any one employed by them or acting on their behalf whether with or without the knowledge of the Contractors or the commission of any offence by the contractors or by any one employed by them or acting on their behalf under Chapter-IX of the Indian Penal Code 1860 or the Prevention or Corruption Act. 1947 or any other Act enacted for the prevention of corruption by Public Servants shall entitle HSL to cancel the contract and all or any other contracts with the Contractors and to recover from the Contractors the amount of any loss arising from such cancellation in accordance with the provision of clause.

6. **APPROPRIATION:**

Whenever under the contract any sum of money is recoverable from and payable by the contractor, HSL shall be entitled to recover such sum by appropriating in part or whole by deducting any sum then due or which at any time thereafter may become due to the contractor in this or any other contract. Should this sum be not sufficient to cover

the full amount recoverable the contractor shall pay to HSL on demand the remaining balance due.

7. **ARBITRATION:**

"All disputes between the parties shall be referred to the Sole Arbitration of the Chairman, Hindustan Shipyard Ltd., or a person to be appointed by the Chairman/Managing Director and if the Arbitrator so appointed resigns his appointment or vacates his office or is unable to and unwilling to act due to any reason whatsoever, the authority appointing him may appoint a new Arbitrator to act in his place. The Arbitrator so appointed may from time to time with the consent of the parties enlarge the period of time for making and publishing the award. The Arbitrator shall on all matters referred to him indicate his findings along with the sums awarded separately on each individual item of dispute and the venue of Arbitration in all cases, subject to the convenience of the Arbitrator, be Visakhapatnam only. The award of the Arbitrator shall be final and binding subject to the provisions of the Indian Arbitration Act, 1996." Or any other reenactment thereof as may be in force at the time of such arbitration commenced. The place of arbitration shall be Visakhapatnam and the proceedings shall be in ENGLISH only.

8. **JURISDICTION:**

The enforcement of the term of the contract as well as all the transactions entered into by the Contractors, with the Purchasers shall be deemed to have taken place within the jurisdiction of Visakhapatnam where Hindustan Shipyard is situated and any cause of action arising in the due performance or breach of contract by either of the parties hereto shall be deemed to have arisen within the jurisdiction of Visakhapatnam notwithstanding the residence or place of the Purchasers or Contractor.

9. **LAWS APPLICABLE:**

Execution of work(s) covered by this Tender Schedule shall be governed by all the Laws of Government of India including the labour laws in force. You shall undertake to fulfill all claims that may become payable under these provisions.

10. **ESTOPPEL:**

In case any term(s) specified in this Tender Schedule are not acceptable, the Contractors shall make a positive statement to that effect in their Tenders. And where no such mention is made, it shall be construed as acquiescence on the part of the Contractors to execute the work(s) for which the Tenders are submitted in strict accordance with the terms and conditions specified in the Tender Schedule. And where an order is placed on the basis of such Tenders, such order shall be deemed to be the concluded contract between HSL and

Contractors and the Contractors are bound to or execute the work(s) covered by such contract. Failure on the part of the Contractors to execute the contract so concluded, without prejudice to the other rights available to the Purchasers, shall make the Contractors liable under the terms and conditions of this Tender Schedule.

11. Negotiations will be held with the L-1 party. HSL reserves the right to cancel/increase or decrease/award the job to more than one party, depending on quantum of job. Work may be distributed to more than one party who accepts L-1 rates.

Further HSL reserves the right to cancel the order/works contract placed with contractor at any time at any stage without showing any reason.

12. **VALIDITY OF THE CONTRACT:**

Please note that the rates quoted by the bidder should be firm and remain fixed without any variation till successful completion of the works allocated during the operation of the contract. Further, at the discretion of Hindustan Shipyard Ltd., the contract may be extended subject to mutual consent.

13. **FORCE MAJEURE:**

Unforceable causes beyond the control and without any fault or negligence of the party which may affect delay or failure to fulfill this agreement/contract partially or wholly shall be regarded as force majeure and shall include causes of such as acts of god, war, fires, floods, epidemics, quarantines, government restrictions, heavy rains, storms, typhoons, etc.

The occurrence of case of force majeure shall be communicated by the party immediately, not later than TWO DAYS, by cable/fax and confirmed by registered letter stating the nature of occurrence.

However, HSL will examine such claims and reserves the right to accept them OR reject them depending upon the merits of each case.

(To be given on BIDDER LETTER PAD)

TECHNO COMMERCIAL BID

MISC. DOCUMENTS

PART 1 ENCLOSURE-IV

UNDERTAKING

We here by confirm that the work package has been carefully examined and understood and confirm that there are no variations / deviations from the scope of work, terms and conditions enclosed to bid, which is bearing for cost analysis.

(To be given on BIDDER LETTER PAD)

TECHNO COMMERCIAL BID

MISC. DOCUMENTS

PART 1 ENCLOSURE-IV

**LIST OF ITEMS NOT QUOTED IN BID / DEVIATIONS & ALTERATIONS / ADDITIONS /
DELETIONS**

(To be given on BIDDER LETTER PAD)

TECHNO COMMERCIAL BID

DEMONSTRATION OF HYDRO BLASTING

PART 1 ENCLOSURE-IV

We here by confirm that we are having 2nos. Hydro Blasting Machines of our own and copy of ownership documents are attached to the tender for evaluation of technical suitability.

We further confirm that we shall arrange demonstration of Hydro Blasting at our works situated at _____ with in 3 days from date of intimation, failing which we shall agree to bear the inspection charges incurred towards travel and other incidentals for the inspection team.

We also confirm that, we accept part quantity of Order basing on HSL convenience.

NB: Applicable for new parties who had not attended hydro blasting so far with HSL

(To be given on BIDDER LETTER PAD)

TECHNO COMMERCIAL BID

MISC. DOCUMENTS

PART 1 ENCLOSURE-IV

UNDERTAKING ON ILLEGAL GRATIFICATION

We here by confirm that we have not made any payment or illegal gratification to any person / authority connected with the bid process so as to influence the bid process and have not committed any offence under the PC Act in connection with the bid.

(To be given on BIDDER LETTER PAD)

TECHNO COMMERCIAL BID

MISC. DOCUMENTS

PART 1 ENCLOSURE-IV

UNDERTAKING

I, _____(name of person), Proprietor of _____
(name of company) here by confirm that I can mobilize 2nos. of diesel
operated hydro blasting equipments and painting equipment along with
accessories as required with in 15days from date of LOI / date of
intimation which ever is later at HSL and achieve the targeted area of
3916 sqmtrs work scope allotted to me with in 30days from date of
mobilization of equipment at HSL by deploying work force and supervisory
staff round the clock on all days including Sundays / holidays with out any
break.

(To be given on BIDDER LETTER PAD)

TECHNO COMMERCIAL BID

MISC. DOCUMENTS

PART 1 ENCLOSURE-IV

S.NO	BRIEF DESCRIPTION OF DOCUMENT	Put <input type="checkbox"/> If attached (OR) <input type="checkbox"/> X If not attached
1	Copy of Valid HSL Registration Certificate	
2	Copy of PAN Card	
3	Copy of PF Certificate	
4	Copy of ESI Certificate	
5	Tender Fee submitted	
6	EMD submitted	
7	Copy of Service Tax Registration Certificate	
8	Copy of Labour License (if more 19 Employees)	
9	Experience certificates (copy of works contract recently executed not later than 6months)	
10	List of Safety gadgets	
11	Proof showing the owner ship of Hydro Blasting Machines along with accessories	
12	Deployment of Number of Workmen & Supervisory Staff proposed to engage on Steel Renewals continuously with ship repairs should be indicated	<u>Indicate Number</u>
12.1	Supervisors	
12.2	Workmen (skilled)	
12.3	Workmen (semi - skilled)	
12.4	Workmen (un-skilled)	
13	List of Hydro blasting Machines along with accessories to meet the targeted turnover	



HINDUSTAN SHIPYARD LTD.
(A Government of India Undertaking)
Gandhigram, Visakhapatnam-530 005.
Dry Dock & Ship Repairs Division

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Fax: 2577667 (DDSR)/2577356/2577502 (YARD)

Email: hsl_dds@rediffmail.com/ddsr_est@yahoo.com

PART 2 ENCLOSURE- V

PRICE BID

INS Sandhayak is arrived for major lay up repairs at our yard. The vessel requires Ultra High Pressure Fresh Water Jet blasting to SA 2.5 (or) equivalent standard and one coat of priming. Staging will be arranged by HSL on need basis. However, on completion of blasting / painting work, cleaning of scaffolding/staging and hand over to stores is the responsibility of the contractor.

SCOPE OF WORK:

S. No.	ACTIVITY	QTY.	UNIT	UNIT RATE IN WORDS & FIGURES RS.	TOTAL AMOUNT IN WORDS RS.
1	ULTRA HIGH PRESSURE FRESH WATER JET BLASTING TO SA 2.5 (or) EQUIVALENT STANDARDS	3916	SQ. MT.		
2	APPLICATION OF ONE COAT OF APOXY PAINT	3916	SQ. MT.		
	TOTAL				
	Service Tax on Rs _____ @10.3%				
	Other taxes if any				
	GRAND TOTAL				

NB:

1. QUANTITY INDICATED ABOVE ARE APPROXIMATE AND PAYMENT WILL BE MADE AS PER ACTUAL SURFACE AREA ALLOTTED AND CARRIED OUT
2. Details of Hydro Blasting Areas:
 - i) Above boot top area of side shell to be attended during dry dock period and wet basin with pantoon.. 2100 sqmtrs
 - ii) Upper deck ..1200 sqmtrs
 - iii) Captain deck .. 66 sqmtrs
 - iv) Helo deck .. 180 sqmtrs
 - v) Quarter deck .. 140 sqmtrs
 - vi) Bridge top .. 65 sqmtrs
 - vii) Bridge deck .. 65 sqmtrs

viii) Bamboo deck	.. 45 sqmtrs
ix) Gun deck	.. 30 sqmtrs
x) Below Gun deck	.. 25 sqmtrs

Total Area	..3916 sqmtrs
	=====

3. Degreasing, cleaning, surface preparation are part of contractor scope and no additional payment is allowed for preparatory work for hydro blasting.
4. Offering of stage inspection to WOT/SS and to satisfy the survey requirements is part of contractor scope.