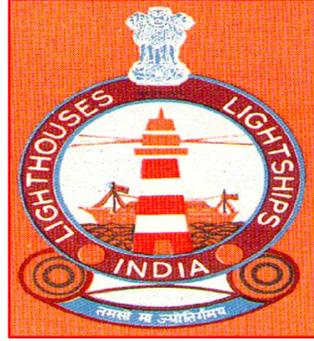


**GOVERNMENT OF INDIA  
DIRECTORATE GENERAL OF LIGHTHOUSES & LIGHTSHIPS,  
(MINISTRY OF SHIPPING)  
"DEEP BHAWAN"  
A-13, Sector-24, Noida-201 301**



**BID DOUCMENT**

**NAME OF WORK: Conducting Rapid Environmental Impact Assessment Study at Kanhoji Angre Lighthouse.**

**Price: Rs. 500/-**

**GOVERNMENT OF INDIA  
(MINISTRY OF SHIPPING)  
DIRECTORATE GENERAL OF LIGHTHOUSES AND LIGHTSHIPS  
DEEP BHAVAN, A-13, SECTOR -24, NOIDA (U.P.)- INDIA.**

**NAME OF THE WORK: - Conducting Rapid Environmental Impact Assessment Study at  
Kanhoji Angre Lighthouse.**

**BID DOCUMENTS**

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**GOVERNMENT OF INDIA  
(MINISTRY OF SHIPPING)  
DIRECTORATE GENERAL OF LIGHTHOUSES & LIGHTSHIPS  
DEEP BHAWAN, TULSI MARG, A-13, SECTOR-24, NOIDA (U.P.) PIN CODE-201301**

**SHORT BID NOTICE**

For & on behalf President of India, the Director General of Lighthouses & Lightships, Noida (U.P.)-India, invites bids in two cover system from the accredited agencies for **Conducting Rapid Environment Impact Assessment studies** for the work of Construction of Berthing Jetty of 37 mtr length and 10 mtr wide approach jetty of 153 mtr length and 4 mtr width at Kanhoji Angre Island.

**FileNo8-MS(1)/11(KA)**

**20/12/2013**

<b>1.</b>	<b>Earnest Money Deposit</b>	<b>Rs. 32000/-</b>
<b>2.</b>	<b>Date of sale of Bid Documents</b>	<b>From 27-12-2013 to 10-01-2014</b>
<b>3.</b>	<b>Cost of Tender Documents</b>	<b>Rs. 500/- (Rupees Five Hundred only) (Non-refundable)</b>
<b>4.</b>	<b>Last date and time for submission of bid</b>	<b>13-01-2014 up to 1500 Hrs at Dte. of Lighthouses &amp; Lightships, Mumbai</b>
<b>5.</b>	<b>Date of time of opening of Technical bid</b>	<b>13-01-2014 at 1600 Hrs at Dte. of Lighthouses &amp; Lightships, Mumbai</b>
<b>6.</b>	<b>Period of completion of work</b>	<b>45 days (time bound)</b>
For other details visit website <a href="http://www.dgll.nic.in">www.dgll.nic.in</a>		

**Government of India  
Ministry of Shipping  
Directorate General of Lighthouses and Lightships  
A-13, Tulsi Marg, Sector-24,  
Noida-201 301**

**No. 8-MS(1)/11**

**Dated the 20.12.2013**

**NOTICE INVITING TENDER**

1. The Kanhoji Angre island situated in mid sea off the shores of Thal fishing village near Alibag of Raigad district in Maharashtra. This island is situated about 4.5 kms by sea from Thal, 9.5 km from Alibag and 23 kms from Gateway of India.
  - a) Name of Work : Conducting Rapid Environment Impact Assessment studies at Kanhoji Angre Island for the following work:
    - (i) Construction of Berthing Jetty of 37mtr length and 10mtr wide on a sea route from Gateway of India at Kanhoji Angre.
    - (ii) Construction of approach Jetty of 153mtr length and 4mtr width at Kanhoji Angre Island.
  - b) Cost of Tender document : Rs. 500/- (Rupees five hundred only)
  - c) Period of completion : 45 days
  - d) EMD Amount : Rs. 32,000/- (Rupees Thirty Two Thousand only)
2. Non-Transferable bid documents can be obtained on written request and production of valid registration certificate, experience certificate and PAN between 11.00 hrs to 1600 hrs on all working days from 27/12/2013 to 10/01/2014 except Saturday, Sunday and Public holidays on payment of Rs. 500/- (Non-refundable) in cash or by Demand Draft drawn on any nationalized bank, payable at Noida in favour of the **Pay and Account Officer, Lighthouse & Lightships, Noida (U.P.)** from the office of **Directorate General of Lighthouses & Lightships, Noida** on the above address and from office of the **Director of Lighthouses & Lightships, Deep Bhawan, M. G. Road, Ghatkopar (East), Mumbai-400 007**. The Short Bid Notice is also available in the website of DGLL, [www.dgll.nic.in](http://www.dgll.nic.in). Bid document can be download from the official website. In this case the cost of bid document shall be deposited through Demand Draft on nationalized Bank along with Technical bid.
3. Eligible firms may submit their bid on or before 13.01.2014 up to 1500 hrs. to the Director, Deep Bhawan, M. G. Road, Ghatkopar (East), Mumbai-400 007 along with supporting documentary proof of criteria's as mentioned here under and cost of tender document through Demand Draft in favour of Pay & Accounts Officers, LH & LS, Noida payable at Noida.
4. Technical Bids will be opened on 13.01.2014 at 1600 hrs at the address mentioned in para 3 above in the presence of the attending tenders or their authorized representatives, if any.

5. The sealed technical bid along with EMD and cost of bid document (in case the bid document downloaded from website) shall be put in a cover.
6. The sealed commercial bid shall be put in a sealed cover and both technical and commercial bid shall be put together in separate sealed cover and super scribing the name of the work and addressed to the Director, Lighthouses & Lightships, Mumbai, Deep Bhawan, M. G. Road, Ghatkopar (East), Mumbai-400 007.
7. The time allowed for carrying out the complete work is 45 days (time bound) from the date of issue of work order.
8. The DGLL reserves the right to accept any bid or reject all the bids without assigning any reason whatsoever.
9. The DGLL reserves to himself the right of accepting the whole or any part of the bid, and bidder shall be bound to perform the same at the quoted rates.
10. Canvassing whether directly or indirectly, in connection with bid is strictly prohibited & the bids submitted by the bidder who resort to canvassing shall be rejected.
11. Bid submitted without earnest money or not duly signed by bidder or his authorized signatory or any conditional bid shall be treated as non-responsive and shall be summarily rejected.
12. Those bidders whose near relatives are posted as accountants or as an officer in any capacity between the grades of Director General & Assistant Engineer/Assistant Executive Engineer (both inclusive) in the Directorate General of Lighthouses & Lightships shall not be permitted to bid. The prospective bidder shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him & who are near relative to any gazetted officer in the DGLL or in the Ministry of Shipping, Road Transport & Highways. Any breach of this condition by the bidder/contractor shall render him ineligible. By the term 'near relative' is meant wife, husband, parents and grandparents, children & grand children, brothers and sisters, uncles, aunts & corresponding in laws.
13. No engineer of gazetted rank or other gazetted officer employed in engineering or administrative duties in an engineering Deptt. of Govt of India is allowed to work as a contractor for a period of two years after his retirement from govt. service, without the prior permission of the government of India in writing. The contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of Govt. of India as aforesaid, before submission of the bid or engagement in the contractor's service.
14. The bids shall remain valid for a period of **90 days** from the date of opening. The full EMD will be forfeited by the Director General if
  1. The bidder withdraws his bid during bid validity period.
    - i. The bidder makes any modification in the terms & conditions of the bid at his own.
    - ii. The bidder does not accept corrigendum issued by Director General or any corrections raised due to error in filling the bid
    - iii. The successful bidder fails to sign the agreement within the specified time.

15. In the event of any specified date, being or declared as a holiday by the Government of India, the same will take place on or up-to appointed time on next working day.
16. At any time prior to the deadline for submission of bids, the Director General may for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the bid documents by amendment.
17. The amendment shall be part of the bid document and will be notified by writing or by Fax or e-mail to all prospective Bidders. Bidders are required to acknowledge receipt of any such amendment to the bid documents.
18. In order to afford prospective Bidder reasonable time in which to take the amendment into account in preparing the bids, the Director General may, at his discretion, extend the deadline as necessary for the submission of bids.
19. All the rates and amount shall be quoted in Indian currency (In full rupees ignoring paise) by the Bidder in Section V (Schedule of Works).
20. The rate of each item shall be quoted both in words and figure but corresponding amount of an item shall be written in figures only. However, total amount of over all cost of the project shall be written both in words and figures. Special care shall be taken to write the rates in figure as well as in words in such a way that interpolation is not possible.
21. Rates quoted by the bidder shall be accurately filled in, so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates that correspond with the amount worked out by the bidder, unless proved otherwise, shall be taken as correct. If the amount of an item is not worked out by the bidder or it does not correspond with the rates written either in figures or in words then the rates quoted by the bidder in words shall be taken as correct. Where the rate quoted by the bidder in figures and in words tally but the amount is not worked out correctly, the rates quoted by the bidder, unless proved otherwise, shall be taken as correct and not the amount.
22. No amount shall be payable to the Contractor for the items for which rate is not quoted by the bidder, and the contractor shall be bound to execute such items free of cost on zero amount.
23. The bidder shall be deemed to have satisfied himself before bidding as to the correctness and sufficiency of his bid for the works and of the rates & amount quoted in the schedule of work, which rates & amounts, shall, except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion of the work as aforesaid in accordance with good practices and recognized principles.
24. Any bid received by the Director General after the last date & time of submission shall be rejected straightway without any intimation to the bidder.
25. In case of any bid where unit rate of any item appears unrealistic, such bid shall be considered unbalanced and non-responsive. The Director General may ask for providing satisfactory explanation for such unrealistic quoted rate. If bidder is unable to provide satisfactory reply with supporting analysis of rates, the bid shall be rejected.

26. Each bidder shall submit only one bid for this work. A bidder who submits or participates in more than one bid for this work will stand disqualified.
27. The bidder shall not be under a declaration of in-eligibility for corrupt & fraudulent practices in any Govt. Deptt. or organization in India or abroad. The bidder shall sign a declaration under the official secret Act, 1923, for maintaining secrecy of the bid documents, drawings or other records connected with the work given to them. The unsuccessful bidder shall return all the drawings given to them to the office of the Director General.
28. The bid shall contain no interlineations, erasures or overwriting except corrections as necessary to correct the errors made by the bidder, in which case such correction shall be initialled by the person/persons signing the offer. The bid shall be typewritten or handwritten in indelible ink and shall be signed by the bidder or authorized signatory. The bid shall contain no additions or alteration except these to comply with instruction asked by the Department but that shall be initialled by the bidder.
29. To assist in the examination, evaluation and comparison of bids, the Director General may, at his discretion, ask the bidder for any clarification of its bid. All the response to any requests for clarification shall be in writing and no change in the prices or substance of the bid shall be sought, offered or permitted.
30. If not specifically mentioned the rate quoted by the bidders shall be consider to be inclusive of all taxes including service tax.

**31. Eligibility criteria for issue of tender document**

- i. The agency must have successfully completed minimum 5 (five) similar type of Environment Impact Assessment work of infrastructure (Port & Harbour) projects for getting environmental clearance from Ministry of Environment & Forest, New Delhi, and proof of the same should be submitted. Out of these EIA studies a minimum of three projects should have been cleared by the Ministry of Environment & Forest, proof of the same should be enclosed.
- ii. The agency must have sufficient laboratory facilities and resource personnel to undertake various studies / measurements required of the successful completion of the study and proof of the same with respect to each item of scope should be provided clearly. The list of experts proposed to be engaged for the study and their brief bio-data should be provided. Substitution of experts shall not be allowed.
- iii. The laboratory and other allied facilities of the agency must have competency to undertake environmental analysis work, which should be established by providing proof of recognition / certification of the Laboratory by Central Pollution Control Board/State Pollution Control Board or any other competent authority.
- iv. The bidder should provide the service tax registration no. and should also enclose a copy of the registration, or if exempted, the certification/evidence of the same should be provided.

**32. Scope of REIA Study**

The above projects require environment/CRZ clearance. Hence, EIA should be based on EIA Guidelines published by Ministry of Environment & Forest (MoEF), Govt. of

- India. In addition to the assessment of impact of provided project profile on air, water, soil, flora, fauna, etc, study should include all relevant aspects of the project either related directly or indirectly to all the environmental components including marine and terrestrial life forms, coastal morphology and hydrology and management of adverse impacts (EMP) etc. The scope mentioned here is indicative and shall include study of all environmental aspects of the project till the clearance of project by MoEF and its presentation before MoEF.
33. The agency shall be liable to conduct any extra test/measurement/survey etc, which may be required by the Ministry of Environment & Forest, Govt. of India during environmental clearance process.
  34. The responsibility of consultants lies till the clearance is obtained from MoEF.
  35. The final EIA report shall be submitted in 30 copies for each project separately, in the format normally adopted for EIA report.
  36. The competent authority reserves the right to waive any formalities, reject any or all the tenders received without assigning any reason whatsoever and do not bind him to accept the lowest tender.
  37. In case of any dispute the decision of the Director General of Lighthouse & Lightships will be final and binding on the contractor.
  38. The tender notice is available in the website of DGLL, [www.dgllnoida.gov.in](http://www.dgllnoida.gov.in)

**Director General**

## SECTION III

### **DIRECTORATE GENERAL OF LIGHTHOUSES AND LIGHTSHIPS GENERAL CONDITIONS OF CONTRACT**

**1. General:** The contractor shall satisfy himself in regard to the nature of work to be done, its scope, etc. the conditions of contract, specifications, drawings, etc., included in the bid papers.

(i). It is desirable that he should visit the site of work before he submits his bid in order to understand fully the nature and scope of work and the conditions under which it will have to be executed.

(iii) For any item of work, the bid rate shall hold to include all items as are clearly necessary for the proper execution of the work, notwithstanding the fact that any special items may not have been included in the specifications or shown on the drawings.

**2. Material and workmanship:** Material and workmanship required for the execution of the work have been laid down in the accompanying specifications pertaining to the work. The work shall in every respect conform to these specifications and shall be carried out and completed to the entire satisfaction of the Director General of Lighthouses and Lightships (hereinafter) called "the Director General" and/or his representative for the time being who shall have full powers to reject at any stage of construction any or all materials and/or workmanship which may appear to him/them to fall short of the requirements of the aforesaid specifications, drawings, etc. or which may appear to him/them to be faulty.

(i) Any item not included in these specifications shall be executed with material and workmanship of the first quality. The contractor shall, in case of doubt, refer, in respect of such work, to the Director General or his representative.

(ii) In the event of any doubt occurring in the execution of the work either in respect of specifications or in respect of drawings or for any reason whatsoever the contractor shall refer the matter to the Director General through his representative or direct, as conditions may warrant.

**3. Extra work:** No claim for extra work shall be entertained except where such extra work has been authorized in writing by the Director General or his representative.

**4. Liquidated Damage:** (i) The contractor shall state in his bid the time within which he undertakes to complete the work in every respect. The time so stated by him shall commence from the date of receipt of the letter informing him of the acceptance of the bid and instructing him to commence work.

(ii) Throughout the stipulated period of contract the work shall be proceeded with all due diligence. Time being deemed to be the essence of contract on the part of the contractor, the contractor shall pay a sum equal to 2 % per month of the cost of the work or such smaller amount as may be specified by the Director General (whose decision in writing shall be final) to be computed on per day basis the work remains incomplete beyond the stated period. Provided always that the entire amount of compensation to be paid under the provision of this clause shall not exceed 10% of the estimated cost of the work as indicated in the bid notice.

(iii) Should it appear to the Director General at any time during the progress of the work, that the progress is unsatisfactory he shall have full powers to procure materials from authorized supplier of materials and to employ such extra labour as he may consider necessary for the proper progress of the work and shall debit the cost of such labour and materials to the contractor, which shall be the first charge upon bills of the contractor.

**5. Rescindment of contract :** If at any stage during construction, the contractor ceases work or refuses to fulfil his part of the contract, the Director General shall have power to rescind the contract, of which rescission notice in writing to the contractor under the hand of the Director General shall be conclusive evidence of the contractor's default and the whole of the earnest money paid by the contractor shall stand forfeited and be absolutely at the disposal of Government. The Director General, shall, moreover, have the power to adopt any measure for the completion of the work in any manner he may choose. In the event of such a course being adopted any expenses, which may be incurred in excess of the sum which would have been paid to the contractor, of the whole work had been executed by him (for the amount in such cases, the certificate in writing of the Director General shall be final and conclusive) shall be realized from the contractor from any money which may be due to him under this or any other contract or otherwise. In the case when the contract has been rescinded under the aforesaid provision the contractor shall have no claim for compensation for any loss sustained by him for reasons of his having purchased any material or having entered into any engagement or made any advance on account of the execution of the work. But on the other hand, the Director General shall be entitled to take possession of any or part of any material which has been brought by the contractor to the site of work, in which event the contractor shall be entitled to such payment therefore as may be considered reasonable by the Director General.

**6. Extension of time:** If the contractor shall desire an extension of time for the completion of the work on the grounds of having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Director General within 15 days of the date of the hindrance on account of which he desires such extension. If in the opinion of the Director General, which shall be final, the Grounds shown by the contractor are reasonable the Director General may authorize such extension of time as may in his opinion be necessary or proper.

**7. Alterations in specifications and in designs:** The Director General or his representative shall have powers to make any alteration in or addition to the original specifications, drawings, designs etc. which may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with such alterations. Such alterations shall not invalidate the contract. Any additional work which the contractor may be directed to do in the manner specified above as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work and at the same rate as are specified in the bid for the main work. The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work and the certificate of the Director General shall be conclusive as to such proportions. If the additional work includes any class of work for which no rate is specified under this contract, the contractor shall within 7 days of the date of the receipt of the order to carry out the additional work, inform the Director General of the rate at which he is prepared to undertake such class of work; and if the Director General does not agree to this rate, he shall give notice in writing and be at liberty to cancel his order to carry the such work, and arrange to carry it out in such a manner as he may consider advisable. If, however, the contractor shall have commenced work in regard thereto before the rates have been fixed, he shall only be entitled in respect of the work carried out or expenses incurred by him prior to the determination of the rate as aforesaid according to such rate or rates as shall be fixed by the Director General whose decision shall be final.

**8. Inspection of work:** Work under execution or executed in respect of this contract shall at all items be open to inspection and supervision of the Director General and his subordinates; and the contractor shall at all times, for which reasonable notice shall be given, be himself present to receive orders and instructions or have a responsible agent on the work for the purpose.

**10. subletting:** The contract shall not be assigned or sublet without the written approval of the Director General.

**11.** The contractor shall furnish adequate proof (along with the bid) to the effect that he is registered with the Central or State P.W.Ds. M.E.S. or Railways etc; for carrying out works to the extent of the amount mentioned in the bid as well as proof of his previous experience. An attested copy of such registration certificate should be enclosed with the bid.

**12. Labour**

**(a)** No female labourer shall be employed within the limits of a cantonment.

**(b)** No labour below the age of fourteen years shall be employed.

**(c)** The contractor shall not pay less than fair wage to labourers engaged by him on the work.

**Explanation:**

**(i)** “**Fair Wage**” means wage prescribed by the Central or State Government for the district in which the work is done.

**(ii)** The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid a fair wage to labourers indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work as if the labourers had been immediately employed by him.

**(iii)** In respect of all labour directly or indirectly employed in the works for the performance of the contractor’s part of this agreement, the contractor shall comply with the labour regulations made by the central and State Government from time to time in regard to payment of wage, wage period, deductions from wages, recovery of wages not paid and deductions unauthorisedly made, maintenance of wage register, wage card, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of a like nature.

**(iv)** The Director General shall have the right to deduct from the moneys due to the contractor, any sum required or estimated to be required for making the loss suffered by a worker or workers by reasons of non-fulfilment of the conditions of contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the regulations.

**(v)** Under the provision of the Minimum Wages Act’1948 and the Minimum wages(central) Rules’1950 the contractor is bound to allow, or cause to be allowed to the labourers directly or indirectly employed in the works one day’s rest for six days continuous work and pay wages at the same rates as for duty. In the event of default the Director General shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labourer and pay the same to the persons entitled thereto from any money due to the contractor.

**(vi)** The regulations aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of the contract.

**d)** The contractor shall at his own expense provide or arrange for the provision of footwear and gloves for any labour doing cement mixing or placing work (the contractor has undertaken to execute under this contract) to the satisfaction of the Director General or his

representative and on his failure to do so the Government shall be entitled to provide the same and recover the cost thereof from the contractor.

(e) The contractor shall submit, by the 4<sup>th</sup> and 19<sup>th</sup> of every month, to the Director General true statement showing in respect of the second half of the preceding month and the first half of the current month respectively, (1) The number of labourers employed by him on the work and their wages (2) their working hours, (3) the wages paid to them (4) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them and (5) the number of female workers who have been allowed maternity benefit according to clause 13-(f) and the amount paid to them. On his failure to do so, the contractor shall be liable to pay to Government a sum not exceeding Rs.50/- for each default or materially incorrect statement. The decision of the Director General shall be final and the amount so levied shall be deducted from any bill due to the contractor.

(f) Maternity Benefit: Rules for female workers employed by contractor, Leave and pay during leave shall be regulated as follows:-

(A) Leave (i) In case of delivery: Maternity leave not exceeding 8 weeks, 4 weeks upto and including the day of delivery and 4 weeks following that day.

(ii) In case of miscarriage: Upto 3 weeks from the date of miscarriage.

(B) Pay (i) In the case of delivery: Leave pay during maternity leave will be at the rate of the woman's average daily earnings calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date on which she gives notice that she expects to be confined or at the rate of seventy five paise a day whichever is greater.

(ii) In the case of miscarriage: Leave pay at the rate of average daily earnings calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date of such miscarriage.

(C) *Conditions for the grant of maternity leave:* No maternity leave benefit shall be admissible to a woman unless she has been employed for total period not less than 6 months immediately proceeding the date on which she proceeds on leave.

(g) In respect of all labourers directly or indirectly employed in the work for the performance of the contractor's part of the agreement, the contractor shall at his own expense arrange for safety provisions as per clause-17 in respect of safety code and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid he shall be liable to pay a sum (penalty) of Rs.50/- for each default and in addition the officer-in-charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the cost incurred in that behalf from the contractor.

**13. Housing and Labour:** (a) The contractor(s) shall at his/their labour with a sufficient number of huts (hereinafter referred to as the camp) of the following specifications on a suitable plot of land to be approved by the Director General or his representative and to his satisfaction.

(i) The minimum height of each hut at the eye level shall be 7' and the floor area to be provided will be at the rate of 30 sq. ft. for each member of the worker's family staying with the labourer.

(ii) The contractor(s) shall in addition construct suitable cooking places having a minimum area of 6' x 5' adjacent to the hut for each family.

(iii) The contractor(s) shall also construct temporary latrines and urinals for the use of the labourers each on the scale of not less than four per each one hundred of the total strength, separate latrines and urinals being provided for women.

- (iv) The contractor(s) shall construct sufficient number of bathing and washing places, one unit for every 25 persons residing in the camp. These bathing and washing places shall be suitably screened.
- (v) All the butts shall have wall of sun-dried or burnt bricks laid in mud mortar or other, suitable local materials as may be approved by the Director General or his representative. In case of sun dried bricks, the walls should be plastered with mud gobi on both sides. The floor may be katcha but plastered with mud gobi and shall be at least 6" above the surrounding ground. The roofs shall be laid with thatched or any other materials as may be approved by the Director General or his representative and the contractor shall ensure that throughout the period of their occupation the roofs remain water tight.
- (vi) The contractor(s) shall provide each hut with proper ventilation.
- (vii) All doors, windows, and ventilators shall be provided with suitable leaves for security purposes.
- (viii) There shall be kept an open space of at least 8 yards between the rows of huts which may be reduced to 20 ft. according to the availability of site with the approval of Director General or his representative, back to back construction will not be allowed.

(b) **Water Supply:** The contractor(s) shall provide adequate supply of water for the use of labourers. The provision shall not be less than two gallons of pure and whole some water per head per day for drinking purpose and three gallons of clean water per head per day for bathing and washing purposes. Where piped water supply is available supply shall be at stand post and where supply is from wells or river tanks which may be of metal or masonry, shall be provided.

The contractor shall also at his own cost make arrangements for laying pipe lines for water supply to his/their labour camp from existing mains available and shall Pay all fees and charges.

(c) The sites selected for the camp shall be high ground, removed from Jungle.

(d) **Disposal of Excreta:** The contractor shall make necessary arrangements for disposal of excreta from latrines by trenching or incineration which shall be according to the requirements laid down by the local/health authorities. If trenching or incineration is not allowed the contractor shall make arrangements for removal of excreta through the Municipal Committee/Authority and informed it about the number of labourers employed so that arrangement may be made by such committee/authority for removal of the excreta. All charges on this account shall be borne by the contractor and paid direct by him to the Municipal Authority. The contractor shall provide one sweeper for every 8 seats in case of dry system.

(e) **Drainage:** The contractor shall provide efficient arrangement for draining away the sullage water so as to keep the camp neat and tidy.

(f) **Lighting:** The Contractor shall make necessary arrangement for keeping the camp area sufficiently lighted to avoid accident to the workers.

(g) **Sanitation:** The contractor(s) shall make arrangements for conservancy and sanitation in the labour camps according to the rules of the Local Public Health and Medical Authorities.

(h) **Removal of hutting accommodation:** The contractor(s) shall require his/their labourers to vacate and remove from all site all labour hutting accommodation immediately on finishing the work which shall be deemed to have been completed only upon the performance of this condition.

#### **14. Protection of health and sanitary arrangements for workers at work place:-**

A. Definitions: (i) "Workplace" means a place at which at average fifty or more workers are employed in connection with construction work.

(ii) "Large workplace" means a place at which at an average 500 or more workers are employed in connection with construction work.

B. First Aid: (i) At every workplace, there shall be maintained in a readily accessible place first-aid appliances including an adequate supply of sterilized dressings and sterilized cotton wool. The appliances shall be kept in good order and in large workplace, they shall be placed under the charge of a responsible person who shall be readily available during working hours.

(ii) At large workplaces, where hospital facilities are not available within easy distance of the works, First Aid Box shall be established and be run by a trained compounder.

(iii) Where large workplaces are remote from civil or regular hospitals, an indoor ward shall be provided with one bed for every 250 employees.

(iv) Where large workplaces are situated in cities, town or in their suburbs and no beds are considered necessary owing to the proximity of city or town hospitals, an ambulance shall be provided to facilitate removal of urgent cases to these hospitals. At other workplaces, some conveyance facilities such as a car shall be kept readily available to take injured persons suddenly taken seriously ill, to the nearest hospitals. The contractor(s) shall bear the full hospital charges for the treatment and convalescence of the injured workers and workers taken ill.

C. Drinking water: (i) In every workplace, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of water fit for drinking.

(ii) Where drinking water is obtained from an intermittent public water supply, each workplace shall be provided with storage where such drinking water shall be stored.

(iii) Every water supply storage shall be at a distance of not less than 50 feet from any latrine, drain or other source of pollution. Where water has to be drawn from an existing well, which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap-door which shall be dust and water proof.

(iv) A reliable pump shall be fitted to each covered well, the trap door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

(v) The temperature of drinking water supplied to workers shall not exceed 90° F.

D. Washing and Bathing Places :( i) Adequate washing and bathing places shall be provided, separately for men and women.

(ii) Such places shall be kept in clean and drained condition.

E. Latrines and Urinals for Women: If women are employed separate latrines and urinals, screened from those for men and marked in the vernacular in conspicuous letters "For women only" shall be provided on the scale laid in rule.

F. Those for men shall be similarly marked "for men only". A poster showing the figure of a man and a woman shall also be exhibited at the entrance of latrines for each sex. There shall be adequate supply of water close to the urinals and latrines.

G. Latrines and Urinals: Except in workplaces provided with water-flushed latrines, connected with a waterborne sewage system, all latrines shall be provided with receptacles on dry-earth system which shall be cleaned at least four times daily and at least twice during

working hours and kept in a strictly sanitary condition. The receptacles shall be barred inside and outside at least once a year.

H. Construction of Latrines: The inside walls shall be constructed of masonry or some suitable heat-resisting non-absorbent material and shall be cement washed inside and outside at least once a year. The dates of cement-washing shall be noted in a register maintained for this purpose and kept available for inspection.

I. Provision of shelters during rest: At every workplace there shall be provided, free of cost, two suitable sheds one for meals and the other for rest, for the use of labour. The height of the shelter shall not be less than 3 metres from the floor level to the lowest part of the roof.

J. Creche:(i) At every workplace, at which 50 or more women workers are ordinarily employed, there shall be provided two huts for the use of children under the age of 6 years, belonging to such women. One hut shall be used for infants' games and play and the other as their bed-room. The huts shall not be constructed on a lower standard than the following: Thatched roofs; Mud floors and walls; Planks spread over the mud floor and covered with matting. The huts shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the places clean. There shall be two Dais in attendance. Sanitary utensils shall be provided. The use of the hut shall be restricted to children their attendants and mothers of the children.

(ii) Where the number of women workers is more than 25 but less than 50, the contractor shall provide at least one hut and one Dai to look after the children of women workers.

(iii) The size of crèche or crèches shall vary according to the number of women workers.

(iv) The crèche or crèches shall be properly maintained and necessary equipment like toys etc. shall be provided.

15. **Rest Recreation and Feeding facilities for Labour:**(i) The contractor shall at his own cost provide his labour with facilities in the form of a Canteen(mobile or otherwise) for obtaining adequate meals and beverages at appropriate times, in case there is a demand from the labour.

(ii) The canteen shall comply with the National laws and regulations of Health in regard to cleanliness, type of meals provided etc; and operate on a 'no profit basis'.

(iii) At places where it is difficult for the labour to obtain food stuffs, the contractor shall make adequate provision for food stuffs to be sold to his labour on a 'no profit basis'. The facility should be provided near the area where residential accommodation has been provided by the contractor for the labour.

(iv) The workers should in no case be under any obligation to participate in the utilization of any of the facilities provided.

16. **Safety Code:** (i) Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is; used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than  $\frac{1}{4}$  to 1(1/4 horizontal and 1 vertical).

(ii) Scaffolding or staging more than 12' above the ground or floor, swung or suspended from an overhead support or erected with stationary support ;shall have a guard rail properly attached bolted, braced and otherwise secured at least 3 feet high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.

(iii) Working platform, Gangways, and Stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the Gangway or the Stairway is more than 12 feet above ground level or floor level, they should be closely boarded. Should have adequate width and should be suitably fenced, as described in (ii) above.

(iv) Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 3'0".

(v) Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 30 feet in length while the width between side rails in rung ladder shall be no case be less than 11 ½" for ladder upto and including 10 feet in length. For longer ladders this width should be increased at least ¼" for each additional foot of length. Uniform step spacing shall not exceed 12". Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of work shall be so stocked or placed as to cause danger or inconvenience to any person or the public. The contractor shall also provide ;all necessary fencing and lights to protect the public ;from accident and shall be bound ;to bear the expenses ;of defence of every suit, action or other ;proceedings at law that may be brought by any persons for injury sustained owing to neglect of the above precautions and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such persons or which may with the consent of the contractor be paid to compromise any claim by any such person.

(vi) Excavation and Trenching: All trenches, four feet or more in depth, shall at all times be supplied with at least one ladder for each 100 feet in length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 3' above the surface of the ground. The sides of the trenches which are 5' or more in depth shall be stepped back to give suitable slopes, or securely held by timber bracing, so as to avoid the danger of sides to collapse. The excavated materials shall not be placed within 5 feet of the edge of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.

(vii) Demolition: Before any demolition work is commenced and also during the process of the work:-

(a) All roads and open areas adjacent to the work site shall either be closed or suitably protected:

(b) No electric cable or apparatus which is liable to be source of danger over a cable or apparatus used by the operator shall remain electrically charged.

(c) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion of flooding. No floor, roof, or other part of the building shall be so over loaded with debris or materials as to render it unsafe.

(viii) All necessary personal safety equipment as considered adequate by the Director General or; his representative should be kept available for the use of the persons

employed on the site and maintained in condition suitable for immediate use and the contractor should take adequate steps to ensure proper use of equipment by those concerned.

(a) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.

(b) Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes shall be provided with protective goggles.

(c) Those engaged in welding works shall be provided with welder's protective eye-shields.

(d) Stone breakers shall be provided with protective goggles and protective clothing, and seated at sufficiently safe intervals.

(e) When workers are employed in sewers and manholes, which are in use, the contractor shall ensure that the Manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the Man-holes, and the man-holes so opened shall be condoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.

(f) The contractor shall not employ men below the age of 18 and women on the work of painting with products containing lead in any form. Whenever men above the age of 18 are employed in the work of lead painting, the following precautions should be taken:-

1. No paint containing lead or lead products shall be used except in the form of paste or readymade paint.

2. Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.

3. Overalls shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during any cessation of work.

(ix) When the work is done near any place where there is risk of drowning, all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first-aid treatment of all injuries likely to be sustained during the course of the work.

(X) Use of Hoisting machines and tackle including their attachments, anchorage, and supports shall conform to the following standard or conditions:-

1. (a) These shall be of good mechanical construction sound materials and adequate strength and free from patent defect and shall be kept in good repair and in good working order.

(b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength and free from patent defects.

2. Every crane driver of hoisting appliance/operator shall be properly qualified and no person under an age of 21 years should be in-charge of any hoisting machine including any scaffold/winch or give signals to the operator.

3. In case of every hoisting machine and of every chain ring hook, shackle, swivel and pulley block used in hoisting or lowering or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load,

each safe working load of the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.

4. In case of departmental machines the safe working load shall be notified by the Engineer-in-Charge, As regards contractor's machines, the contractor shall notify the safe working load of the machine to the Engineer-in-Charge whenever he brings any machinery to site of work and get it verified by him.

(XI) Motors, Gearing, Transmission, Electric Wiring and other dangerous parts of hoisting appliances should be provided with such means as will reduce to the minimum risk or accidental descent of the load, adequate precautions should be taken to reduce to the minimum risk of any part of a suspended load becoming accidentally displaced. When workers employed on electrical installation which are already energized, insulating mats, wearing apparel, such as Gloves, Sleeves, and boots as may be necessary should be provided. The workers should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.

(xii) These safety provisions should be brought to the notice of all concerned by display on a Notice Board at a prominent place at the workspot. The persons responsible for compliance of the safety code shall be named therein by the contractor.

(xiii) To ensure effective enforcements of the rules and regulations relating to safety precautions, the arrangements made by the contractor shall be open to inspection by Director General or his representatives.

(xiv) Notwithstanding the above clause from (i) to (xiii) there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.

**17. Responsibility for accidents:** (i) The contractor shall be responsible for any accidents or damages to the work during construction and he shall restore and make good such injury at his own expenses.

(ii) In every case in which by virtue of provisions of section 12, sub-section 1 of the workmen's compensation Act, 1923, Government is obliged to pay compensation to a workman employed by the contractor, in execution of the work, Government will recover from the contractor the amount of compensation so paid and without prejudice to the rights of Government under section 12 sub-section 2 of the said Act. Government shall be at liberty to recover such amount or any part thereof by deducting it from his earnest money, security deposit or from any sum due by Government to the contractor. Government shall not be bound to contest any claim made against it under section 12, sub section 1 of the said Act except on the written request of the contractor and upon his giving to Government full security for all cost for which Government might become liable in consequence of contest of such a claim.

**18. Scaffolding etc. :** The contractor shall supply at his own cost materials(except such materials, if any, as may be in accordance with contract be supplied from the officer-in-charge), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding, and temporary works requisite or proper for the execution of the work, whether original, altered or substituted, and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the officer-in charge to any matter as to which under these conditions, he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number

of persons with the means and materials necessary for purpose of setting out works and counting weighting and assisting in the measurement or examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Officer-in-charge at the expenses of the contractor and the expenses may be deducted from any money due to the contractor under the contract, or from his security deposit or the proceeds of sale thereof, or a sufficient portion thereof.

**19. Recovery of sums due:** Whenever any claim for the payment of a sum of money arises out of or under this contract against the contractor, the President of India shall be entitled to recover such sum by appropriating, in part or whole, from the amount of the security deposit, lying with the Director General. In the event of the security deposit being insufficient then the balance or the total sum recoverable, as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due to the contractor under this or any other contract with the President of India. Should this sum be not sufficient to cover the full amount recoverable the contractor shall pay to the President of India on demand the remaining balance due?

**20. Set-off:** Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the purchaser or Government or any other person or persons contracting through the Director General of Lighthouses and Lightships and set off against any claim of purchaser of Government or any other person or persons, for the payment of a sum of money arising out of or under any other contract made by the contractor with the purchaser or Government or such other person or persons.

**21. In solvency and breach of contract:** The Director General may at any time by notice in writing summarily determine the contract without compensation to the contractor in any of the following events, that is to say:-

- (i) If the contractor being an individual or if a firm any partner in the contractor's firm shall at any time be adjudged insolvent or shall have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition under any insolvency act for the time being in force or make any conveyance or assignment of his effects or enter into any arrangement with this creditors or suspend payment or if the ;firm be dissolved under the Partnership Act or
- (ii) If the contractor being company shall pass a resolution or the court shall make an order for the liquidation of its affairs or a Receiver or Manager on behalf of the debenture-holders shall be appointed or circumstances shall have arisen which entitled the court of debenture-holders to appoint a Receiver or Manager; or
- (iii) If the contractor commits any breach of this contract not herein specifically provided for: provided always that such determination shall not prejudice any right of action or remedy which shall have accrued or shall accrue thereafter to the President of India and provided also that the contractor shall be liable to pay the President of India for any extra expenditure he is thereby put up.

**22. Interest on money due to the contractor:** The contractor shall not be entitled to interest or damages for loss of interest upon not be entitled to interest or damages for loss of interest upon any amounts lodged as deposits with this Department or upon payments in arrears or upon any balance which may, on the final settlement on his accounts, be due to him.

**23.** In the event of any question, dispute or difference arising under these conditions or in connection with this contract (except as to any matters the decision of which is specially provided for by these conditions) the same shall be referred to the sole arbitration of the Director General or some other person appointed by him. It will be no objection that the arbitrator is a Government servant that he had to deal with the

matters to which the contract relates or that in the course of duties as a Government servant he has expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties to this contract.

The arbitrator may with the consent of the parties enlarge the time from time to time for making and publishing award.

Subject as aforesaid the Arbitration Act, 1940 and the rules there under and the statutory modifications thereof for the time being in force shall be deemed to apply to the arbitration proceedings under this clause.

**SPECIAL CONDITIONS**

Name of Work: Conducting Rapid Environmental Impact Assessment Studies for construction of approach and berthing jetty at Kanhoji Angre Island.

**1. Scope:**

- i. The above project requires environmental clearance under the CRZ Notification-1991 and subsequent amendments till date under E.P. Act – 1986 Hence, EIA should be based on EIA Guidelines published by Ministry of Environment & Forest, Govt. of India. In addition to the project profile and its impact on air, water, soil etc, study should involve all relevant aspects of the project either related directly or indirectly to all the environmental components including marine and terrestrial life forms, to the satisfaction of the department (DGLL).
- ii. Monitoring of base line environmental parameters shall include continuous monitoring of air, water, relevant metrological parameter for a minimum period of 30 days as per sampling schedule of Central Pollution Control Board at each micro site within a radius of 10km form the project site.
- iii. Assessment of existing Environmental status with respect to physical (current/wave/swells etc), chemical, biological including benthos and specifically corals, sediment quality, terrestrial flora and fauna, edaphic environment, los of trees & other forest products, if any, and identification of impacts on them.
- iv. Assessment of marine water, ground water, and surface water quality at project and impact of proposal activities on the same.
- v. Assessment of Ambient Air Quality, and it should be stipulated with National Ambient Air Quality standards and impact of the project on Ambient Air Quality of the surrounding.
- vi. Prediction and evaluation of impact using standard impact assessment methodologies (Matrix, BEES etc), of the project in terms of short term and long term effects of different aspects of project construction and operation, including dredging / reclamation envisaged the project for meeting the operational requirement.
- vii. Preparation of an executive summary of the EIA study incorporating brief project details, baseline status, significant impacts and its management plan.
- viii. Preparation of an Environmental Management Plan (EMP) outlining control strategies for mitigation of adverse impacts, if any.
- ix. Risk Analysis and Crisis Management Studies, if required.
- x. Outline a Post Project Monitoring Plan (PPMP).
- xi. Presentation of the EIA Report to Ministry of Environment & Forest (MoEF).

- xii. A brief, to the point and specific Environment Management Plan (EMP) with the implementation plan for mitigation, protection and enhancement measures, which are recommended in the EIS, shall be prepared.
  - xiii. EIA report contain appropriate satellite image in legible scale in addition to the classified maps showing land use pattern, biological characteristics etc.
  - xiv. The project profile and related data should be presented in concise and interpretable manner in the report.
  - xv. If any investigation has been omitted or restricted to the barest minimum, reason for the same should be recorded in the report, and this shall be brought to the notice of Director General of Lighthouses & Lightships or his authorized representative not later than 15 days from the date of start of work.
2. The contractor will also conduct any other study / tests within the tender scope required for compliance of the requirement of the Ministry of Environment and Forest, while granting Environment Clearance.

### **3. Location**

The proposed project is at Kanhoji Angre island situated in mid sea off the shores of Thal fishing village near Alibag of Raigad district in Maharashtra. This island is situated about 4.5 kms by sea from Thal, 9.5 km from Alibag and 23 kms from Gateway of India. The bidders may get familiarize with the locations, before bidding.

### **4. Report**

- i. EIA Report for each project separately shall be prepared and submitted to the Directorate General of Lighthouses & Lightships, Noida, in appropriate form normally adopted for EIA. A draft report shall be prepared and submitted before finalizing the report.
- ii. Draft report for each project separately shall be submitted in duplicate within 30 days from the commencement of work. The draft report must contain all relevant information.
- iii. 30 copies of final report having coloured maps, drawings etc for each project separately shall be prepared & submitted to Directorate General of Lighthouses & Lightships, Noida along with a soft copy in CD/DVD etc.
- iv. All presentation related papers and expenditures shall be borne by the contractor.

### **5. Price**

Charges for carrying out the EIA study as per the above scope shall be inclusive of all expenditures like mobilization of men and materials to the project sites, conveyance, data collection, analysis and compilation using computer software, hiring of experts, submission of required copies of reports and presentation to MoEF etc, for the clearance of the project by the MoEF. This is exclusive of any fee payable to statutory authority but inclusive of all taxes.

### **6. Payment Terms**

Payment will be released to the contractor according the following terms.

- (i) 60% of the total contract amount will be released after the submission of draft report and its acceptance by DGLL.
- (ii) 20% after submission of final report and its acceptance by the DGLL.
- (iii) 20% immediately after getting the Environment Clearance and /or forest clearance from Ministry of Environment & Forest, if applied by the department.

**Alternatively**

In event of long delay in obtaining the environment/forest clearance due to circumstances beyond the responsibility of contractor, 5% of contract value along with Security deposit shall be released to the contractor on production of bank guarantee of equal amount (15% of total contract amount).

**Or**

Immediately after the decision of dropping the project by the department.

**Or**

After the expiry of three years from the date of contract, whichever is earlier.

**7. Deductions**

- (i) Income Tax as applicable shall be deducted from Gross amount of the contractor's bill and credited to Govt. of India. Necessary TDS for the amount deducted on Income Tax shall be issued by the department.
- (ii) 2% of contract value per month will be deducted from the bill as a penalty if the contractor fails to submit the final report within 15 days from the date of receipt of comments on draft report.

**8. Time Schedule**

- 1. The date of commencement of the work will be reckoned from the seventh day of the issue of work order.
- 2. The total time schedule for completion of work is 45 days .

**9. Transportation and lodging**

- 1. The department will not provide transportation, lodging etc. The contractor shall have to make their own arrangements for the same.

**10.** The evaluation of the technical bids will be done as per the provision under CPWD Works Manual 2010.

**11.** If any dispute arises, the decision of Director General of Lighthouses & Lightships, Noida will be the final & binding to the contractor.

**12.** All prevailing acts and pertaining to welfare & safety of work force shall be adhered to.

**13.** The standard practices as governed by law of land shall be adhered to. Compensation arising out of deviation from the adherence of law shall be the responsibility of the contractor.

**14.** Since the work is required to be carried out in the mid sea, the vessels to be deployed for the work should have statutory clearances as per MS Act 1958 and IV Limit Act. Necessary permissions to this effect may be obtained from Maharashtra Maritime Board.

**Director General**

**SCHEDULE OF WORK**

**NAME OF WORK:** Conducting Rapid Environmental Impact Assessment studies for Construction of approach and berthing Jetty at Kanhoji Angre Island

No.	Description of Item	Qty.	Rate	Per	Amount (Rs.)
1.	Conducting Rapid Environmental Impact Assessment Study for the "Construction of Jetty at Kanhoji Angre Lighthouse" including all expenditures like mobilization and demobilization of men and materials to the project site, establishment of field laboratory, lodging, boarding, conveyance, sampling, data collection, analysis, mathematical modelling and compilation of data by using computer software packages, report submission in appropriate format and adequate copies, presentation of report in MoEF, etc complete.	1 no.		L.S.	

**Total Amount in words:**

**(Rupees.....)**

**Signature of the contractor**

**For Director General**

**SECTION- VI**

**GOVERNMENT OF INDIA  
DIRECTORATE GENERAL OF LIGHTHOUSES & LIGHTSHIPS  
(MINISTRY OF SHIPPING)  
“DEEP BHAVAN”, A-13, SECTOR – 24, NOIDA (U.P.).**

**To,**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**EARNEST MONEY DEPOSIT**

Earnest money deposit shall be furnished along with every bid as stipulated in the bid notice.

Bid which is not accompanied by EMD is liable to be rejected.

Earnest money deposit shall be furnished in the form of demand draft on any Nationalized Bank drawn in favour of The Pay & Accounts Officer, Dept. of Lighthouses & Lightships payable at Noida. EMD in the form of cash will not be accepted.

Earnest Money Deposit shall be refunded to the contractor on satisfactory completion of the work and recording of the final measurements of the work.

**DIRECTOR GENERAL  
OF LIGHTHOUSES & LIGHTSHIPS  
NOIDA**

**From:-**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To,

**The President of India,  
Through the Director General  
of Lighthouses & Lightships,  
Noida.**

**Sub: - “ Conducting Rapid Environmental Impact Assessment Study at Kanhoji Angre ”.**

Sir,

I/We do hereby offer to carry out and complete the subject work as per schedule of works, specifications, general conditions of contract stipulated by you and such other details as may be supplied from time to time during the execution of the subject work by the Director General of Lighthouses & Lightships, or his representative at the rates quoted by me/us for the above work.

2. I/We further undertake to complete the work within \_\_\_\_\_ from the date of written order to commence the work.
3. A sum of Rs.....(Rupees.....) in the form of Demand Draft No.....dated -----on .....Nationalized Bank.....(Name & address of Bank) drawn in favour of Pay & Accounts Officer, Lighthouses & Lightships, Noida is enclosed towards Earnest Money Deposit.
4. Should I/We fail to execute the work as specified and in accordance with the terms of contract the full value of the E.M.D. shall stand forfeited to you without prejudice to any other rights and red resells.

Yours faithfully

**Bidder**

