



**ODISHA STATE MARITIME MUSEUM  
JOBRA, CUTTACK**

**TENDER DOCUMENT  
(TECHNICAL BID)  
(COVER-I)**

**FOR THE WORK**

**EXTENSION OF AQUARIUM AT ODISHA  
STATE MARITIME MUSEUM, JOBRA,  
CUTTACK**

**Superintending Engineer  
Eastern Circle-I, Cuttack-cum-  
Member Treasurer, OSMM,  
Jobra, Cuttack**

## **BID DOCUMENTS**

**NAME OF WORK : -** Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack.

**The bid document contains ..... Sheets.**

Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack

**OFFICE OF THE SUPERINTENDING ENGINEER,  
EASTERN CIRCLE-I,-CUM-MEMBER TREASURER,  
ODISHA STATE MARITIME MUSEUM, JOBRA, CUTTACK.**

e-mail id :- [www.odishastatemaritimemuseum.org](http://www.odishastatemaritimemuseum.org)

**TENDER CALL NOTICE NO. SEEC-I/01 (OSMM-01) of 2019-20**

Item Rate Tenders (Off-line) are invited in sealed envelopes from interested Bidders / Trading firms of reputed Agencies / Firms in association with their Dealers / Institutions / Parties having desired experience as mentioned in the Detailed Tender Call Notice for execution of the work “**Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack**”.

Sl No.	Name of work	Tender Cost	Period of Completion	Cost of tender paper	Bid security
1	Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack	1,46,91,225/-	06 (Six) calendar months	Rs.10,000/- <b>(Off line payment)</b>	Rs.1,47,000/- <b>(Off line payment)</b>

Note:- Earnest Money Deposited should be in shape of TDR / FDR / NSC duly pledged in favour of Odisha State Maritime Museum Trust, Jobra, Cuttack issued by any Nationalized Bank / Post Office. No cheque / Bank Draft / Cash payment will be accepted as EMD.

**Important Dates for tender processing is as follows:-**

1	Date of sale and receipt of Bid document.	:	From <b>11.11.2019 to 25.11.2019</b> between 10 AM to 5.30 PM in the Office of the (1) Office of the Superintending Engineer, Eastern Circle-I, Cantonment Road, Cuttack (2) Office of the Executive Engineer, Mahanadi South Division-I, Cuttack (3) Director, Odisha State Maritime Museum, Jobra, Cuttack.
2	Date of Pre-bid meeting.	:	Dated <b>18.11.2019 at 11.30 AM</b> in the office of the Superintending Engineer, Eastern Circle-I, Cuttack.
3	Date of opening of Bid.	:	Dated <b>26.11.2019 at 11.30 AM</b> in the office of the Superintending Engineer, Eastern Circle-I, Cuttack. If the office happens to be closed on the date of opening of the tender as specified the tender will be opened on the next working day at the same time and venue.

4	The tender document may also be downloaded from the official website of Odisha State Maritime Museum, Jobra, Cuttack i.e. <a href="http://www.odishastatemaritimemuseum.org">www.odishastatemaritimemuseum.org</a> .
5	Cost of tender paper of <b>Rs.10,000/-</b> to be given along with the tender in shape of Demand Draft in favour of <b>Odisha State Maritime Museum Trust, Jobra, Cuttack payable at Cuttack.</b>
6	<b>Tender document and other details shall be available from:-</b> <ul style="list-style-type: none"> <li>• Superintending Engineer, Eastern Circle-I, Cantonment Road, Cuttack-cum-Treasurer, Odisha State Maritime Museum.</li> <li>• Office of the Executive Engineer, Mahanadi South Division-I, Cuttack-cum-Member Secretary, Odisha State Maritime Museum, Jobra, Cuttack.</li> <li>• Office of the Director, Odisha State Maritime Museum, Cuttack.</li> <li>• The official website i.e. <b>www.odishastatemaritimemuseum.org</b></li> </ul>
7	A bidder can submit only one tender paper for a particular work, Submission of more than one tender paper by a bidder for a particular tender will liable for rejection of all such tender papers as per Works Department Letter No.4985/W dated.28.03.07.
8	Bid document consist scope of work, various classes of work to be done, the conditions of contract and other necessary documents.
9	Authority reserves the right to reject any or all the tenders without assigning any reasons thereof.
10	The single tender received in the first call shall be cancelled without opening of the bid. The acceptance of a single tender received, even after retendering should have prior approval of the next higher authority as per Work Department Memorandum No.16 dated 01.01.2015.
11	Bid document can be obtained from the Office of the Superintending Engineer, Eastern Circle-I, Cantonment Road, Cuttack-cum-Treasurer, OSMM, Executive Engineer, Mahanadi South Division-I, Cuttack-cum-Member Secretary, Odisha State Maritime Museum & Director, Odisha State Maritime Museum, Cuttack and from the official website on deposition of <b>Rs.10,000.00 in shape of Demand Draft in favour of Odisha State Maritime Museum Trust, Jobra, Cuttack issued by any Nationalized bank.</b>
12	EMD in original along with the hardcopies of all the eligibility documents for prequalification shall be submitted in the manner as described in the Bid Document and shall be submitted in person within the specified date and time in the Office of the Superintending Engineer, Eastern Circle-I, Cantonment Road, Cuttack, Executive Engineer, Mahanadi South Division-I, Cuttack & Director, Odisha State Maritime Museum, Jobra, Cuttack in the specified tender box super scribed as <b>SEEC-I/01 (OSMM-01) of 2019-20</b> The agency who fails to submit the eligibility documents as

	mentioned above will be declared as ineligible and the bid submitted by it shall be declared as invalid and his price bid will not be opened at all.
13	Technical Bids will be opened at 11.30 AM on <b>26.11.2019 in the office of the Superintending Engineer Eastern Circle-I, Cuttack</b> in presence of those of the bidders or their authorized representatives, who may choose to attend.
14	Further details can be seen from the Bid documents, office notice board & Govt. web site <a href="http://www.odishastatemaritimemuseum.org">www.odishastatemaritimemuseum.org</a> .

## **DETAILED TENDER CALL NOTICE**

### **1. Since this is a special nature of work, criteria have been fixed as follows:**

- i. Bidders should have successfully completed at least 3 similar project of Aquarium in any Govt. (Sate/Central), Govt. undertaking Organization during last 3 financial years. Completion certificate/Work order to be enclosed.
- ii. Minimum Annual turnover of the bidder should be 4.40 crores & above during last 5 financial years (From 2018-19, 2017-18, 2016-17, 2015-16 & 2014-15) which is to be certified by a qualified chartered Accountant.
- iii. The bidder must submit the documents of GSTIN, PAN, Affidavit, undertaking regarding No-relationship certificate which are mandatory.

### **2. Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack**

- i. Area covered is fixed as defined and cannot be varied.
- ii. Clear floor space required is 97.11 sqm with suitable floor and floor covering will be provided by OSMM.

### **3. Instructions to the Bidders.**

**The tender will be in two-bid system: Envelope-I (Technical Bid) and Envelope-2 (Financial Bid).**

- a. **Envelope-I** will contain the following documents:
  - b. EMD and signed copy of the original tender documents together with original purchase receipt of the tender documents or original DD.
  - c. Self attested Copies of all documents pertaining (Eligibility Criteria) as mentioned herein.
  - d. Copies of all documents pertaining (Prequalification Criteria) as mentioned herein. Basing on the eligibility criteria a bid evaluation report will be prepared and only Financial bids of the qualified bidders will be opened.
- e. **Envelope-2** Financial Bid: The bidders should put their quoted rate Item wise (Quoted rate will be considered up to two decimal only)
- f. The outer envelope must be clearly marked the following:  
Name of the Project: "Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack" The outer sealed envelope (Master Envelope) shall include two separate parts each clearly marked as "Technical Bid" and "Financial Bid".

- g. The technical bid should demonstrate the applicant's knowledge of the project requirements, understanding of the requisite, terms and references and capability to carry them out. Provision of the requested information in full must be set forth in the following sequence:-
- h. Background of the organization and experience of the firm in similar projects for the purpose of executing this project–Annexure-I
- i. Prequalification criteria and capability to execute works of such type to be given.
- j. As per details in Annexure-2 and will form a part of the evaluation process.
- k. Financial statement for the last 5 years in Annexure-3
- l. In order to obtain first hand information about the assignment the local conditions / constraints and concept of the entire project, it is advisable that the applicant visits the site to acquaint with the site conditions etc.
- m. In case of bidders in association with their dealers, the credentials of their dealer or themselves will hold good while evaluating the bids as per the prequalification criteria laid down in this tender document.
- n. The bidder will have to keep its offer valid for 90 days of the opening of the technical bids and in the case of withdrawal before that date the earnest money amount will be forfeited.
- o. The expenses on preparing the bids, visiting the site, attending the pre-submission meeting and negotiating the contract etc. will not be reimbursed.

#### **4. METHOD OF APPLYING**

- a) If the application is made by the individual it shall be signed above his full type written name and current address.
- b) If a proprietary firm makes the application, it shall be signed by the proprietor above his full typewritten name and the full name of his firm with its current address.
- c) If the application is made by a firm in partnership, it shall be signed by all the partners of the firm with their full name and current addresses or alternatively by a partner holding power of attorney for signing the documents, in which case, a certified copy of power of attorney shall be enclosed with the prequalification document. A certified copy of partnership deed and current address of all the partners of the firms shall also be enclosed with the prequalification document.
- d) If a limited company or a corporation makes the application, a duly authorized Person shall sign it.

## 5. SUBMISSION AND OPENING OF TENDER DOCUMENTS.

1. The **Superintending Engineer, Eastern Circle-I, Cuttack**-cum-Member Treasurer, Odisha State Maritime Museum, Jobra, Cuttack on behalf of the Odisha State Maritime Museum Trust, Jobra, Cuttack invites off-line **Item rate tender** in the prescribed form to be eventually drawn in P.W.D. form F2 from “Bidders should have successfully completed at least 3 similar project of Aquarium in any Govt. (Sate/Central), Govt. undertaking Organization during last 3 financial years. Completion certificate/Work order to be enclosed” for the work “Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack for the year 2019-20”.
2. The bidder for participation by downloading the bidding document from the website will have to pay **Rs10,000/-(Rupees ten thousand)** only for each set through D.D drawn in any scheduled Bank. The Bid will be received from 10 AM of **11.11.2019 to 25.11.2019** up to 5.30 PM. Each set of bid document contains Technical Bid (Cover-I) and Financial Bid (Cover- II). **The cover-I bid will be opened offline on 26.11.2019 at 11.30 AM in the office of the Superintending Engineer Eastern Circle-I, Cuttack, in presence of the tenderer or their authorized agents.** The bids can only be opened by the pre-designated officials only after the opening time mentioned in the bid document. **Date, time and place of opening of Cover-II (price bid) shall be intimated separately to those tenderers who will be found eligible after evaluation of Cover-I (Technical bid). The intimation letter will be sent both through their email address and postal address.**
3. The value of the work tendered for is **Rs.146.91 Lakhs**.
4. No tenderer will be permitted to furnish their tender in their own manuscript.
5. Bid security (EMD) and cost of bid document as mentioned in the offline Tender Call Notice No. **SEEC-I/01 (OSMM-01) of 2019-20** shall be deposited through off-line process i.e. in shape of TDR / FDR / NSC duly pledged in favour of Odisha State Maritime Museum, Jobra, Cuttack issued by any Nationalized Bank / Post Office.
  - (a) No.Cheque / Bank Draft / Cash Payment will be accepted towards EMD (only off-line payment)
  - (b) Adjustment of earnest money given with other tenders previously and submitted in other tenders shall not be entertained.
  - (c) Contractor exempted from payment of EMD will be able to participate in the tender directly by documentary evidences towards his eligibility for such exemption.



6. The work is to be completed in all respect within **6 (Six) calendar months** from the date of work order.
7. The plans specifications and scope for the work can be seen in the office of the Executive Engineer, Mahanadi South Division-I, Cuttack-cum-Member Secretary, Odisha State maritime Museum, Jobra, Cuttack during any working days.
8. The tenderers shall carefully study the tentative specifications applicable to the contract and all documents which form part of the agreement to be entered into by the accepted tenderer and detailed specifications which are available with the tender document or with the Executive Engineer, Mahanadi South Division-I, Cuttack-cum-Member Secretary, Odisha State maritime Museum, Jobra, Cuttack.
9. Complaint at a future date that plans and specifications have not been seen by the tenderers cannot be entertained.
10. The bidder must submit the documents in the GSTIN, PAN, Affidavit, undertaking regarding No-relationship certificate which are mandatory.
11. The bidder shall submit the documents in the designated locations of technical bid (Cover-I) and Financial bid (Cover-II). The 1st cover i.e. Cover-I (Technical bid) should contain GSTIN, PAN, Affidavit, undertaking declaring no relationship with Department officials & the 2nd cover i.e. Cover-II (Financial bid) should contain bill of quantities (BOQ) **with Item wise quoted rate**.
12. Bidders desirous to hire machineries or equipments from outside the State are required to furnish 2% (Two percent) of the amount put to tender as bid security. Tender not accompanied with bid security and security for hired machineries as specified above shall be liable for rejection.
  - a) No bids will be opened unless accompanied by the stipulated amount of earnest money in envelope-1 i.e. Technical Bid envelope.
  - b) At the advertised time and place all bids received for the contract shall be opened by the officer inviting the tender (or any other officer authorized by him) in person, in the presence of their representatives who may choose to attend. No over writings shall be done but corrections where necessary shall be neatly scored out and rewritten prior to the submission of the tender.
  - c) At the time of opening of tenders, one additional officer/ Senior Engineer shall also be present invariably and sign each of the bids as witness. Bids shall be read out before the persons present and their Signatures obtained on each of the bids.
  - d) Attendance of the bidders or their authorized representatives shall be noted down in the register to be maintained for this purpose.
  - e) The officer opening the tenders would initial on each and every bids and the serial numbers of such bids with reference to total tenders noted on each bid as numerator/denominator. The initials shall be recorded on the page containing the financial offer.
  - f) Each and every correction or overwriting shall be initialed and the number of such corrections noted on the respective pages. The bidders are advised to properly seal the Tender document in their own interest.

- g. The earnest money of all the bidders shall be refunded if it is decided to reject all the bids on the same day. The earnest money of the remaining bidders whose tender is not accepted shall be refunded after the agreement is executed. However, irrespective of the decision on the tender the earnest money of all the bidders shall be refundable on expiry of the validity period specified in the NIT (Notice Inviting Tender).
- h) Each bidder shall provide the name, residence and place of business of the person or persons giving the tender document and shall be signed by the bidder with his usual signature. When a partnership firm gives tender document then the full names of all partners shall be furnished. An attested copy of the constitution of the firm and the registered number of the firm shall be furnished. In such a case the tender document must be signed separately by each partner thereof or in the event of the absence of any partner must be signed on his behalf by a person holding a power of attorney authorizing him to be so. Tender documents by corporation shall be signed with the legal name of corporation followed by the name of the state of incorporation and by signature and by designation of the resident, secretary or other person authorized to bind it in the matter.
- i) The bidder shall also give the following information invariably on cover containing the Tender document:-  
A. Name and address.  
B. Amount of earnest money deposited and No. and date of the TDR/ F.D.R. / NSC.
- j) Earnest money which has been deposited for a particular work will not ordinarily be adjusted towards the earnest money for another work.
- k) The tender documents shall be opened at the time and place stated in the notice inviting tender by the officer issuing this NIT in the presence of the bidders or their duly authorized representatives who may choose to attend. The officer under unavoidable circumstances may depute another officer in his absence to receive and open tender documents on his behalf.
- l) The SEEC-I-cum-Treasurer, OSMM in the presence of the bidders or their authorized representatives, who choose to be present, will open the technical bid on **26.11.2019 at 11.30 A.M in the office of the S.E, Eastern Circle-I, Cuttack.**
13. The Technical committee comprising of the Member Treasurer, Member Secretary & Director / Curator, Odisha state Maritime Museum, Jobra, Cuttack, will scrutinize the tender documents and reserves the right to recommend for acceptance any of the bids.
14. The particulars of the proposed work given are bare minimum and must be considered only as advance information to assist the applicant.
15. Enhancement or Curtailment in the quantum of the work will not vitiate the contract.
16. The officer opening the tender documents bind himself to accept or recommend for the acceptance of the lowest tender document. In deciding the tender the manifest capability / competence of the bidder his experience in this line will be the main consideration. The Technical committee of The Odisha State Maritime Museum Trust

in respect of this project will scrutinize / examine the credentials of the bidders and decide his/their capability to undertake the assignment.

17. Conditional tender are liable to be rejected.
18. Canvassing for support in any form for the acceptance of any bids is strictly prohibited.
19. If the bidder whose tender is accepted fails to deposit the performance security amount and execute the agreement documents within the notified period for any reason whatsoever, earnest money deposited with the tender document shall be forfeited and acceptance of the bids will be cancelled.
20. The payment will be made by cheque of the Bank only. No bank commission charges on realizing such payments will be borne by the Odisha State Maritime Museum Trust.
21. Deductions of Income Tax at source shall be done as per the law. It is open to the bidders as the case may be to make an application to the Officer concerned and obtain from him a certificate authorizing the payer to deduct tax at such lower rate or deduct no tax as may be appropriate to his case. Such certificate will be valid for the period specified therein unless the officer concerned cancels it. The bidder whose tender has been accepted will have to execute the agreement in the prescribed form within 15 days of the receipt of the communication of the acceptance of his tender. He will also have to furnish the performance security amount simultaneously. Failure to do so will result in the earnest money being forfeited and his bid being cancelled.
22. In case of delay or extension of the construction work beyond stipulated time period The Member Secretary, Odisha State Maritime Museum, Jobra, Cuttack may at its sole discretion issue a time extension letter.
23. All the terms and conditions of the Notice inviting Tender (NIT) and the appendices/Annexure referred to herein before will be binding on the bidders in addition to the conditions of the contract in the prescribed form.
24. Bidder should submit one affidavit at the time of submission of bid regarding authenticity of the documents submitted with the bid.
25. The qualified bidder shall deposit 1% of the Tender value as initial security deposit in shape of TDR/FDR/NSC / BG pledged in favour of Odisha State Maritime Museum Trust, Jobra, Cuttack issued by any Nationalized bank / Post Office at the time of

agreement and the earnest money deposit together with initial security deposit should not be less than 2 % of the agreement value which shall be refunded back after one year of completion of work.

26. The plans specifications and scope for the work can be seen in the office of the Member Secretary, Odisha State Maritime Museum during any working days (excluding Monday)
27. All taxes, fees payable under the local rule including Income taxes & Surcharges as applicable, Octroi tax, Entry tax etc. will be borne by the contractor as admissible.
28. Request for raising and lowering the rates or dealing with any point in connection with the tender will not be considered. Conditional tenders will not be taken in to consideration.

**29. No Relation Certificate.**

The contractor shall have to furnish certificate along with the tender to the effect that he is not related to any officer in the rank of an Assistant Engineer and above in the State P.W.D. or Under Secretary and above in the Water Resources Department., If the fact subsequently proved to be false the contract will be rescinded. The earnest money and the total security will be forfeited and shall be liable to make good the loss or damage resulting from such cancellation.

The tenderer whose tender is selected for acceptance shall within a period of seven days upon intimation being given to him of acceptance of his tender make an initial security deposit in the form of NSC, postal time deposit, Post Office Bank Account / Deposit Receipt of Schedule Bank, Kisan Vikas Patra and in no other form including the amount already deposited as earnest money shall be 2% of the value of the accepted tendered amount and sign agreement in the P.W.D. form No.F2 (Schedule XLV No.61) for the fulfillment of the contract in the office of the Executive Engineer, Mahanadi South Division-I, Cuttack-cum-Member Secretary, Odisha State maritime Museum, Jobra, Cuttack.

30. The security deposit together with the earnest money, Initial Security money and the amount withheld according to the provision of F2 agreement shall be retained as Security for the due fulfillment of this contract. Failure to enter into the required agreement and to make the security deposit as above shall entail forfeiture of the earnest money. The written agreement to be entered into between the contractor and the Govt. shall be the foundation of the rights of both the contractor and the Govt.

and the contract shall be deemed to be incomplete until the agreement has first been signed by the contractor and then by the proper officer authorized to enter into the contract on behalf of the Govt.

31. An affidavit shall be furnished by the contractor at the time of submission of tender paper about the authentication of tender documents including bid security. The scanned copy of the affidavit is to be uploaded through the e-procurement portal along with the technical bid. The affidavit in original is to be produced before the officer inviting tender prior to opening of the technical bid.
32. The tender may not (at the discretion of the competent authority) be considered unless accompanied self attested true copies of the GSTIN, PAN, Affidavit, undertaking regarding No-relationship certificate which are mandatory.
33. The earnest money will be retained in the case of successful tenderer and will be dealt with as per the terms and condition of O.P.W.D. code. The earnest money of the unsuccessful tenderer except the three lowest tenderer should be refunded on application. The EMD given by the other two parties except one whose tender is accepted should also be refunded within 15 days of acceptance of tender and drawal of agreement.
34. The EMD will be forfeited in any of the following cases.
  - a) If the bidder withdraws the bid after bid opening during the period of bid validity.
  - b) In the case of a successful bidder if he (bidder) fails within the specified time limit to
    - (i) Sign the agreement or
    - (ii) Furnish the required Initial Security Deposit / Additional performance security.
35. Additional Performance Security (APS) shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, only the successful bidder who has quoted less bid price / rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional performance security (APS) in shape of Term Deposit Receipt pledged / Bank Guarantee in favour of the Director, Odisha State Maritime Museum, Jobra, Cuttack from any Nationalized / Scheduled bank in India counter guaranteed by its local branch at Bhubaneswar within seven days of issue of Letter of Acceptance (LoA) by the Divisional Officer by (e-mail) to the successful bidder otherwise the bid of the successful bidder shall be cancelled and the Earnest money Deposit / Bid security deposit shall be forfeited. Further

proceeding for blacklisting shall be initiated against the bidder. (As per Works Department office Memorandum No.14459/W dated 20.09.2018).

The security will be refunded after one year on completion of the work in all respect provided the final bill is passed and will not carry any interest. Any defect noticed during the period of one year after the actual date of completion shall be rectified by the contractor at his own cost. Failure to comply such rectification the cost involved to carry out the defective work shall be met from his dues available with Department. (Ref. works Deptt order No.17823/WE dt. 11.10.2006.

36. Before acceptance of tender, the successful bidder will be required to submit a work programme and milestone basing on the financial achievement so as to complete the work within the stipulated time and in case of failure on the part of the agency to achieve the milestone liquidated damage will be imposed.
37. The date of commencement of work shall be as notified in work order.
38. On signing the agreement the site will be handed over to the contractor for execution and completion of works in all respect.
39. The authority reserves the right to make such increase or decrease in quantity of items of works mentioned in the scheduled attached to the tender notice as may be considered necessary for the satisfactory completion of the contract work. All such increase or decrease shall in no way invalidate/ vitiate the contract rates. The contractor shall not be entitled for any compensation on this account, except grant of extension of time where considered necessary.
40. That for the purpose of jurisdiction in the event of any dispute if any, the contract would be deemed to have been entered into within the State of Odisha and it is agreed that neither party to the contract will be competent to bring a suit in regard to the matter by this contract at any place outside the State of Odisha.
41. Under section-12 of contract labour (Regulation and Abolition Act 1970) the contractor who undertakes execution of work through labour, should produce valid license from licensing authority of labour department (labour license) to start the work.

42. The contractor shall be liable to fully indemnify the Govt. of any compensation under workmen compensation Act VII of 1993 on account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor. In the event of any claim sub-judice before any court of law, the claim amount shall be kept withheld till final disposal.
43. Contractor is required to abide by the fair wages clauses as introduced by Govt. of Odisha and will not pay less than the Fair wages fixed by Govt. to the labourers engaged by him for the work.
44. In case of any complaint by the labourer about the nonpayment of his wages as per latest minimum wages Act., the Trust will have the right to investigate and if the contractor is found to be in at fault, Trust may recover such amount due in any form from the contractor and pay such amount to the labourer directly under intimation to the local labour office of the Govt. The decision of the Trust is final and binding on the contractor.
45. The contractor should keep himself in touch with the Director / Curator, OSMM, Jobra, Cuttack for smooth execution of the work and arrange adequate labour depending on the workload and working space available. No claim for detention for labour on any account will be entertained.
46. No compensation will be paid by the Trust for any damage done by rain, cyclone & earthquake tide or by any other natural calamities during the execution of the work.
47. It should be understood clearly that no claim whatsoever will be entertained in regard to extra items of work or extra quantity of any item besides estimated amount, unless written order is obtained from the Trust and rates settled before the extra items of work or extra quantity of any item of work is taken up.
48. The tenderer shall have to abide by the C.P.W.D. safety code rules introduced by the Govt. of India, Ministry of Works, Housing and Supply in their standing order No.44150 dated 25.1.1957.
49. The tenderer shall bear various incidentals, sundries and contingencies necessitated by the work in full within the following or similar category.

- (a) Rent, royalties and other charges of materials, octroi duty, entry tax & all other taxes including GST, ferry tolls, conveyance charges and other cost on account of land and buildings including temporary building and temporary electric connection to work site as well as construction of coffer dam, construction of service road, diversion road and its maintenance till completion of work required by the tenderer for collection of materials, storage housing of staff other purpose of the work. No tenderer will however be liable to pay for temporary occupation of land owned by Govt. at the site of the work.
  - (b) Labour camps or hutments including conservancy and sanitation arrangements upto the satisfaction of the local health authorities should be arranged by the contractor.
  - (c) Suitable water supply including pipe water supply wherever available for the staff and labour as well as for the work.
  - (d) Suitable equipment and wearing apparatus for the labour engaged in risky operations and medical aid to the labourer engaged for the work.
  - (e) Suitable fencing, barriers, signals including paraffin and electric signals where necessary at work and approaches in order to protect public and employees from accident.
  - (f) Compensation including cost of any suit for injury to persons or property due to neglect of any major precautions also becomes payable due to operation of the workmen compensation Act.
  - (g) The contractor has to arrange adequate lighting arrangement for the work wherever necessary at his own cost.
50. Deduction of income tax at source and surcharge on income tax will be made from each running account bill for the work at the rate as per Income Tax Act and as amended from time to time. (Present rate 2% + surcharge)
51. (a) The rates quoted by the contractor shall be **deemed to be excluding of GST on all the materials that he will have to purchase for performance of this contract.**
- (b) The rates quoted by the contractor in the tender for works shall excluding of GST that may be levied on turnover on works contract according to the Laws and Regulations as applicable from time to time.



- (c) Deduction of 2% GST at source will be made from each running account bill for the work in the GST (Amendment).
- (d) 1 % (One percent) of the gross amount of the bill will be deducted from the contractor bill towards labour cess as per Odisha building and other construction workers (RE & CS) rules 2002 and Amendment during 2008 and as amended by Govt. from time to time.
- (e) ***Installation & transportation charges in percentage may be quoted by the bidder which will be included after arriving at the amount as per the rates quoted. Supposing the amount comes to Rs.146.00 Lakh. The charges for installation and transportation is quoted as 14%. Then the final amount will be Rs.146.00 + Rs.20.44 = Rs.166.44 Lakh. This will be taken in the comparative statement.***
52. The amount on royalties of different materials as utilized by the contractor in the work will be recovered from his bill, basing on the rate fixed by the Govt. or as amended from time to time during the period of execution.
53. Schedule of quantity accompanies the tender notice: It shall be definitely understood that the Odisha State Maritime Museum, Jobra, Cuttack do not accept any responsibility for the correctness and completeness of this schedule and this schedule is liable for alternations or omissions, deductions or additions as set forth in the condition of contract and such omissions, deductions, additions or alternations shall in no way invalidate/ vitiate the contract and no extra monetary compensation will be entertained.
54. Items of works not covered by the tender notice shall be paid at the current schedule of rates of the State and those not covered by the said schedule of rate will be paid on actual analysis approved by the competent authorities prevailing during the period of execution of work.
55. After the work is finished all surplus materials and debris's should be removed from 100 Mtr. clear away from the site of the work. Preliminary work such as vats, mixing platforms etc. should be dismantled and all materials removed from the site and premises shall be made neat and clean and this is inclusive of the rates quoted by him.
56. The contractor is to supply necessary labour and materials for the purpose of alignment lying recording of levels whenever required at his own cost.
57. If the rate (computed in comparative statement) quoted by the bidder is less than 15% of the tendered amount then such a bid shall be rejected and the tender shall be finalized basing on merits of rest bids. But if more than one bidder quotes 14.99 % (Decimals up to two numbers will be taken, for all practical purposes) less than the estimated cost, the tender accepting authority will finalize the tender through a transparent lottery system, where all bidders / their authorized representatives, the Member-Secy & DAO & Member Treasurer, OSMM will remain present.
58. To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Member Secretary, Odisha State Maritime Museum, Jobra ,Cuttack shall be conclusive evidence) 20% of the value of left over work will be realized from the contractor as penalty.

59. The Bidder has to submit an Affidavit for authenticity or documents at the time of submission of tender.
60. If the contractor shall desire on extension of time for completion of the work, on the ground of his having been unavoidable hindrances in its execution or any other ground he shall apply in writing to the Member Secretary, Odisha State Maritime Museum, Jobra, Cuttack within 30 days of the date of the hindrance on account of which he desires such extension as aforesaid and the Member Secretary, Odisha State Maritime Museum, Jobra, Cuttack shall, if in his opinion (which shall be final) reasonable be shown therefore, authorize such extension of time if any, as may in his opinion, be necessary or proper. The Member Secretary, Odisha State Maritime Museum, Jobra, Cuttack shall at the same time inform the contractor whether he claims compensation for delay.
61. The bidder will prepare detail drawing with exact specification as per the required provision and available area specified for the theatre hall and submit to the Member Secretary, Odisha State Maritime Museum, Jobra, Cuttack for approval prior to signing of agreement.
62. All the bidders need to provide unconditional acceptance of this bid document by signing each page as a token of acceptance. Non compliance to this will lead to rejection of the bids without assigning any reasons thereof and the tenders will not be considered for further evaluation.

Annexure – 1 to 5

**STRUCTURE AND ORGANISATION**

1. Name of the applicant :
2. Office Address :
3. Telegraphic Address :
4. Telephone Numbers :
5. Fax Number / Email id :
6. Date and location of establishment:
7. The applicant is
  - a) An individual :
  - b) A proprietary firm :
  - c) A partnership firm (if yes, give name and address of each of the partners)
8. Number of years of experience.
9. How many years have your organization have been in this business of design, supply, installation, commissioning, of the work specified herein under the present name?
10. Were you ever required to suspend the work for a period of more than six months continuously after you started? If so give the names of projects and reasons.
11. Have you ever not completed any assignment given to you? (If so, give name of project and reasons for not completing the work)
12. In how many of your project were penalties imposed for delays? Please give details.
13. In which field of engineering construction do you claim specialization and interest?

Signature of the Applicant

**Pre-qualification criteria**

(Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack)

**FINANCIAL STATEMENT**

Information regarding financial standing of the applicant.

S.No.	Details	Amount (Rs. In Lakhs)	Remarks
(1)	(2)	(3)	(4)
1.	Profit & Loss statement (Last five years i.e. 2018-19, 2017-18, 2016-17, 2015-16 & 2014-15)		
2.	Balance Sheet (Last five years i.e. 2018-19, 2017-18, 2016-17, 2015-16 & 2014-15)		

Signature of the Applicant

**Bank Guarantee for Performance Security Deposit.  
(GUARANTEE BOND)  
(To be used by Nationalized Bank)**

**To:  
The Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack**

**Dear Sirs,**

**Guarantee No.....**

**Amount of Guarantee: Rs. \_\_\_\_\_**

**Guarantee cover from: \_\_\_\_\_ to \_\_\_\_\_**

**Last Date for lodgment of Claim: \_\_\_\_\_**

This Deed of guarantee executed by the \_\_\_\_(*bank name*)\_\_\_\_, constituted under the \_\_\_\_(*bank act details*)\_\_\_\_ having its Central Office at \_\_\_\_(*bank HQ address*)\_\_\_\_ and amongst other places, a Branch at \_\_\_\_(*bank's branch address*)\_\_\_\_ (hereinafter referred to as "the Bank") in favour of The Odisha State Maritime Museum Trust, Jobra, Cuttack (hereinafter called "OSMM")

WHEREAS, \_\_\_\_\_(*contractor's name and address*)\_\_\_\_ (hereinafter called "the Supplier") has undertaken , in pursuance of Contract No. \_\_\_\_ (*order no.*)\_\_\_\_ dated: \_\_\_\_\_ to Installation and Commissioning Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack in OSMM, Jobra, Cuttack **Odisha State Maritime Museum**".

AND WHEREAS, it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS, we, the Bank, have agreed to give the Supplier a Guarantee:

THEREFORE, we, the Bank, hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only ) as aforesaid, without

Bidder

Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack

your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

AND WHEREAS, We, the Bank, hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.

AND WHEREAS, We, the Bank, further agree that no change or addition to or other modification of the terms of the Contract to be performed there under or of any of the Contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of guarantee can be made only by the beneficiary directly.

Notwithstanding anything stated herein before:-

- a) Our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only)
- b) The guarantee shall remain in force up to \_\_\_\_(*date*)\_\_\_\_\_ (including one month claim period) and.
- c) We are liable to pay the guaranteed amount or any part thereof under this guarantee only and only if you serve upon us a written claim or demand on or before to \_\_\_\_(*date*)\_\_\_\_\_ ( including one month claim period)

Place:

Date:

**Bank Guarantee for Security Deposit  
(GUARANTEE BOND)  
(To be used by Nationalized Bank)**

**To:  
The Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack**

Dear Sirs,

**Guarantee No.....**

**Amount of Guarantee Rs. \_\_\_\_\_**

**Guarantee cover from: \_\_\_\_\_ to \_\_\_\_\_**

**Last Date for lodgment of Claim: \_\_\_\_\_**

This Deed of guarantee executed by the \_\_\_\_ (*bank name*)\_\_\_\_, constituted under the \_\_\_\_ (*bank act details*)\_\_\_\_ having its \_\_\_\_ (*bank HQ address*)\_\_\_\_ and amongst other places, \_\_\_\_ (*bank branch name and address*)\_\_\_\_ (hereinafter referred to as ‘the Bank’) in favour of The Odisha State Maritime Museum Trust, Jobra, Cuttack (hereinafter called “OSMM”) having agreed to exempt \_\_\_\_ (*contractor’s name and address*)\_\_\_\_ (Hereinafter called “the contractor”) from the demand, under the terms and conditions of \_\_\_\_(*order no.*)\_\_\_\_ between the CONTRACTOR and the OSMM for Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack in OSMM, Jobra, Cuttack **Odisha State Maritime Museum** (hereinafter called “the said Agreement”) of security deposit for the due fulfillment by the said contractor of the terms and conditions contained in the said Agreement, on production of a Bank guarantee for Rs.\_\_\_\_\_ (Rupees \_\_\_\_\_ only) We, the Bank, do hereby undertake to pay OSMM an amount not exceeding Rs.\_\_\_\_\_ (Rupees \_\_\_\_\_ only) against any loss or damage caused to or suffered or would be caused to or suffered by OSMM by reason of any breach by the said contractor(s) of any of any of the terms or conditions contained in the said Agreement.

We, the Bank, do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from OSMM stating the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by OSMM by reason of any breach by the said contractor(s) of any of the terms or condition contained on the said Agreement or by reason of the contractor's failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall



be restricted to an amount not exceeding Rs. \_\_\_\_\_ (Rupees. \_\_\_\_\_  
\_\_\_\_\_ only).

We, the Bank, further agree that the guarantee herein contained shall remain in full force effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of OSMM under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged of till the end of the commissioning of the simulated theatrical show at Maritime Museum, Cuttack from the date of work order. (Office/Department) certified that the terms and condition of the said Agreement have been fully and properly carried out by the said contractor and accordingly discharges the guarantee. Unless a demand or claim under this guarantee is made on us within one year from the period fixed or extended (if the agreement / supply order specifically provide for such extension of time) for due performance of the contract by the contractor we shall be discharged from all liability under guarantee thereafter.

We, the Bank, further agree with OSMM that OSMM shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the OSMM against the said contractor and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from over liability by reason of any such variation of extension being granted to the said contractor or for any forbearance act or omission the part of OSMM or any indulgence by OSMM to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

To give effect to this guarantee it shall be competent for OSMM to act though the Bank, were the principal debtor.

It is hereby expressly agreed and declared that this guarantee and the powers and provisions herein contained are in addition to and not by way of limitation of or substitution for any former or other guarantees or guarantee hereto for given by the bank to OSMM and now existing unconcealed and that this guarantee is not intended to and shall not revoke or limit other guarantee or guarantees.

We, the Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of OSMM in writing.

Bidder

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Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack

Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of guarantee can be made only by the beneficiary directly.

Notwithstanding anything stated herein before:-

- (a) Our liability under this guarantee is restricted to Guarantee Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only).
- (b) The guarantee shall remain in force up to \_\_\_\_\_ and
- (c) We are liable to pay the guaranteed amount or any part thereof under this guarantee only and only if you serve upon us a written claim or demand on or before \_\_\_\_\_ inclusive of claim period.

Place:  
Date:

# **ODISHA STATE MARITIME MUSEUM, CUTTACK.**

## **SCOPE OF WORK**

**Odisha State Maritime Museum Trust, Jobra, Cuttack** wishes to take up the work:- Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack” in OSMM, Jobra, Cuttack and proposes the following for the bidders which constitutes a part of the tender documents:

1. The bidders are required to survey the site and take all factors into consideration before submission of the bids. Trust will provide designated power services inside the control room.
2. The bidder should be able to demonstrate the complete Installation and commissioning of Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack
3. Given below are some specifications based on which bidders are supposed to design their system. All the bidders are mandatorily required to incorporate these specifications which are considered to be bare minimum. Apart from the above, bidder has also to specify the make and construction of the materials which the bidders need to comply mandatorily. All the bidders need to provide unconditional acceptance of this by signing each page of the schedule as a token of acceptance. Non compliance to this will lead to rejection of the tender documents without assigning any reasons thereof and the bids will not be considered for further evaluation.

### **A. SPECIFICATIONS.**

1. The bidder should do Installation and commissioning of Extension of Aquarium at Odisha State Maritime Museum, Jobra, Cuttack and is required to do the following:-

The aquarium chiller unit is required in order to maintain a uniform temperature of 25<sup>0</sup> C at the aquarium. This can be procured and supplied by the bidder.

The professional series chillers are not available in the Indian Market and needs to be imported from Malaysia or Singapore.

Detailed site survey, Layout Study, Design and Drawings of the Aquarium are required before and during execution of the work.

## A. Technical specification

Glass-19mm clear float glass Weight of empty tank =112.0 Kg.

Total volume = 75.0 cu. ft.

Max capacity of tank = 2100 Liters

Max capacity of sump = 560 L

Max weight 5250 kg.

Min weight 35 kg/cu.ft, ..... 3675 kg

Max Tolerable Stress = 500 kgs/sq.cm

Stress on the Bottom Glass in the current application - 0.224 kg/sq.cm

Sealant: Professional grade aquarium silicone sealant / Wacker Black Elsatosil 121-Germany.

Permanently flexible sealant / with a max joint tolerance of 25% elongation

Acetoxy cure with a tack free time of 20 mins and a curing period of three days

Temperature tolerance = - 40 to +100 degrees C /

Tensile strength 1.2 Mega Pascal and Hardness = 22 Shore A

### **Please Note:**

> The prices quoted above are for the best quality equipment in the industry and come with the OEM'S terms of warranty.

> All livestock supplied should be legally collected, well acclimatized and quarantined before supply.

> The strength and characteristics of the glass will be as per the OEM.

> Testing, relocating or any work on the tank can be done only after 48 to hours 72 hours of curing time.

- Service access area ..... with dedicated filtration and water supply.....
- Bow front and concave aquarium display units .....
- Exotic sea shells and fossil exhibits.....
- Complete rock themed interiors .....
- Customized INDIRECT led lighting for every exhibit. ....
- Air circulation fans around all exhibits. ....
- Combination of special lighting..... rock scopes..... fog..... and water features will bring in ..... an earth wind and fire theme. ....
- Biological documentation of all exhibits .....
- Artistic murals ..... and selfie points.....

- Bio-balanced healthy aquatic exhibits that's naturally appealing...
- All aspects of Design and Decor will be upto industry standards.....
- The primary Design consideration will be easy maintenance and low running cost.

.....

2. The bidder should do Decorative panels, forming internal passage ways including at entrance and exit.
3. The bidder should do Explanatory panel for entrance
4. The bidder should do Facade design in adhesive vinyl flex
5. The bidder should do Control panels, Master controller for SFX and sound system equipment.
6. The bidder should do Switch panel controlling lights
7. The bidder should do Packing and bear freight.
8. The bidder should do Installation, assembling all elements and equipment at the site **having either ISI or ISO / IEC certificate products.**

**B. To be provided by Odisha State Maritime Museum Trust, Jobra, Cuttack:**

- Sign off as acceptance of the drawing vendor provides that details all dimensional and site requirements.
- Providing space and rooms/partitioning (civil work) to required dimensions (site to be clean and ready prior to work starting).
- Access to site on all working days and hours.
- Providing electrical power of requisite capacity and quality (stable voltage and 'clean' supply) at specified points.
- Suitable stepped platform for bases.
- All outside lighting and signage.
- For online trouble shooting broadband connection will be provided.

Anything not specifically mentioned.

- Any form of civil work including finishing/ or covering of floor
- Any electrical fittings like fans, AC, AC ducting, maintenance lightings etc.

## Warranty

1. Contractor must warrant its products against any defects in material or workmanship for a period of twelve months from date of dispatch from its factory or eleven months from date of commissioning whichever is earlier.
2. If in the opinion of Engineer-in-charge after due investigation the problem is found to be a result from a defect in material or workmanship, the defective part or parts will either be repaired or replaced by the contractor. The repaired or replaced parts will be covered by the remaining balance of the original warranty. Defective parts which are replaced will be the property of contractor. Contractor at its discretion may ask for a part or parts to be shipped back to it freight paid and after repair or replacement will be shipped back to the site freight paid.
3. Contractor will be liable for any consequential costs or damages including third party Liability, if situation arises since the bidder fails to do that item.
4. Comprehensive warranty applies only to products manufactured by the contractor and thereby carrying its brand or brand names. These products are:  
Computer based control system and all electronic and communication parts of the control system.
  - Electrical control panel
  - Control / Operating system
  - Sound system components eg. AV receiver, Amplifier, Mixture, Speaker.
5. This warranty excludes damage or defects directly or indirectly caused by:
  - Misuse or mishandling, damage or theft
  - Loading a computer with any other program(s) and using the computer for anything other than running the system.
  - Running after a fault has been observed
  - Normal wear and tear and deterioration
  - Use of injurious chemicals or substances
  - Improper cleaning methods or chemicals used
  - Insects, vermin, animals
  - Lightning, flooding, earth subsidence or any natural calamity.

6. Consumable parts are excluded under the warranty. Such parts include but are not limited to: light bulbs, lubricants & etc.

7. No other warranties or modification hereto expressed or implied are valid.

### **Payment Terms**

The payment schedule will be as under:

- (i) **40%** mobilization advance of the total contract value (excluding operation and maintenance) against equivalent amount of bank guarantee valid till the completion and commissioning of work or six months whichever is earlier.
- (ii) **30%** of the total contract value (excluding operation and maintenance) within a week of delivery of material at site against equivalent amount of bank guarantee valid till the completion and commissioning of work or six months whichever is earlier.
- (iii) **30%** of the total contract value (excluding operation and maintenance) after satisfactorily installation and commissioning after deposition of performance bank guarantee of same amount valid for **12 months** from the date of commissioning of the system.



**ODISHA STATE MARITIME MUSEUM  
JOBRA, CUTTACK**

**TENDER DOCUMENT  
(FINANCIAL BID)  
(COVER-II)**

**FOR THE WORK**

**EXTENSION OF AQUARIUM AT ODISHA  
STATE MARITIME MUSEUM, JOBRA,  
CUTTACK**

**Superintending Engineer  
Eastern Circle-I, Cuttack-cum-  
Member Treasurer, OSMM,  
Jobra, Cuttack**



# COVER-II

# FINANCIAL BID

Bidder

Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack

**ITEM WISE RATE (BILL OF QUANTITY)**

**Tender Inviting Authority :- S.E., Eastern Circle-I, Cuttack-cum-Member Treasurer, OSMM, Jobra, Cuttack**

**Name of work:- Extension of Aquarium at Odisha State Maritime Museum, Jobra, cuttack.**

**TENDER CALL NOTICE NO.SECC-I/01 (OSMM-01) OF 2019-20**

**Name of the Bidder :-**

**MARINE AQUARIUM (2 NOS.)**

Sl No	Item of work	Qty.	Unit	As per unit		Amount in Rs.
				Rate in figure	Rate in Words	
1) (a)	19 mm clear temp glass tank (ST. GOBAIN /INDIA or KEBI FLOAT MALAYSIA) RTV Aquarium grade silicone sealant.... Includes: CNC machine cut and polished edges Vinyl backdrop and skirting of your choice..... With EVA foam base and all needed customization..... Clear Tempered Glass 19 MM All customization / acrylic cladding and plumbing 10 ft x 2.5 x 3.5 ft..... 157.5 sq. ft.for 2 nos= 315.00 sqft	315.00	Sqft.			
(b)	Custom design filtration sump tank 12 mm clear float glass 60.0sq.ft.for 2 nos= 120.00 sft Fully Customized Sump with fresh water chamber and auto TOP-UP arrangement	120.00	Sqft.			
2)	Custom design HO full spectrum LED lighting (PHOTONICS / INDIA) DIN..... for 10' foot Tank with timer and remote control access. For 2 nos= 20.00nos	20.00	Nos			

3)	Aquarium Filtration System..... (JECOD / JEBAO / PERIAH) Variable flow DC circulation pumps ..... 2 nos Wave makers ..... 2 nos Complete Plumbing arrangements for waste and clean water return.... All necessary mechanical and bio filter media..... Electrical terminations and powering of points..... for 2 nos 1x2= 2 sets	2.00	Set			
4)	Marine aquarium substrate..... 250 liters.....for 2 nos = 500.00 ltr	500.00	Ltr.			
5)	Natural Sea Water 5000 Liters for 2 nos= 10000 ltrs	10000.00	Ltr.			
6)	Small Aquarium Accessories / filter sox / connectors / cooling fan / plumbing parts and silicone hose tubing / hose clips / egg crates and small accessories . . . etc for 2 nos= 1x2= 2 sets	2.00	Set			
7)	Under gravel Plates 25 sq. ft. for 2 nos 25 x 2 = 50.00sqft	50.00	Sqft.			
8)	Aquarium filtration Media / Mechanical x 2 Sets and Bio x 1 set filled in custom made media bags and sealed for 2 nos = 2.00 sets	2.00	set			
9)	Aqua scaping rocks 400 kg (DIY / FRP / INDEGENIOUS for 2 nos	800.00	kg			
10)	Exotic Quarantined Live Stock - 24 numbers / assorted	2.00	set			
11)	Electrical accessories / cooling fans / ozone pump / Ac-Dc pump (UPVC / ASHRIVAD / SYSKA / GM ELECTRICALS)	2.00	set			
12)	Aquarium Accessories / filter sox / cutoff valves / non return valves / plumbing parts and tubing / handling nets / feed and supplements / egg crates / media bags	2.00	set			
13)	(Reef Octopus / Bubble Magus/ADA) Cone Skimmer with bubble blaster pump ROPS REGAL 250INT... SGD 973 X 50.00 INR X 2N0S for 2 nos= 2x2= 4.00	4.00	set			
14)	Custom made Aquarium stands built to requirement, as per the aquarium setup using combination of SS304 + WPC + CIVIL WORKS... PER UNIT COST.... #... NO PLY WOOD WILL BE USED....	2.00	set			

**CICHILD EXHIBIT -2 NOS.**

15) (a)	19 mm clear temp glass tank (ST. GOBAIN /INDIA or KEBI FLOAT MALAYSIA) RTV Aquarium grade silicone sealant.... Includes: CNC machine cut and polished edges Vinyl backdrop and skirting of your choice..... With EVA foam base and all needed customization..... Clear Tempered Glass 19 MM All customization / acrylic cladding and plumbing 10 ft x 2.5 x 3.5 ft..... 157.5 sq. ft. for 2 nos= 315.00 sqft	315.00	Sqft.			
(b)	Custom design filtration sump tank 12 mm clear float glass 60.0sq.ft. for 2 nos= 120.00 sft. Fully Customized Sump with fresh water chamber and auto TOP-UP arrangement	120.00	Sqft.			
16)	Custom design HO full spectrum LED lighting (PHOTONICS / INDIA) DIN..... for 10' foot Tank with timer and remote control access	20.00	Nos			
17)	Aquarium Filtration System..... (JECOD / JEBAO / PERIAH) Variable flow DC circulation pumps ..... 2 nos Wave makers ..... 2 nos Complete Plumbing arrangements for waste and clean water return.... All necessary mechanical and bio filter media..... Electrical terminations and powering of points..... for 2 nos 1x2= 2 sets	2	Set			
18)	NATURAL aquarium GRAVEL substrate..... 250 liters.....for 2 nos.	500.00	Ltr.			
19)	Fine substrate sand 25 kg. for 2 nos.\ =	50.00	Kg.			
20)	Timer unit for lighting.... 1 set for 2 nos.	2.00	Set			
21)	Aquarium filtration unit with Media / included with pumps (UPVC/ASHRIBAD) for 2 nos = 1 set x 2 = 2 sets.	2.00	Set			
22)	Under gravel Plates 25 sq. ft for 2 nos.	50.00	Sqft.			

23)	Aqua Scaping Décor / Rocks / drift wood and hardscape Livestock / Assorted varieties of exotic and compatible fish... for 25 x 2 nos.	50.00	Nos.			
24)	Small Aquarium Accessories / filter sox / connectors / cooling fan / plumbing parts and silicone hose tubing / hose clips / egg crates and small accessories . . . etc for 2 sets=	2.00	Set			
25)	Custom made Aquarium stands built to requirement, as per the aquarium setup using combination of SS304 + WPC + CIVIL WORKS... PER UNIT COST.... #... NO PLY WOOD WILL BE USED. for 2 sets	2.00	Set			

**FRESH WATER EXHIBIT (7 NOS.)**

26)	19 mm clear temp glass tank (ST. GOBAIN /INDIA or KEBI FLOAT MALAYSIA)	1102.50	Sqft.			
(a)	RTV Aquarium grade silicone sealant.... Includes: CNC machine cut and polished edges Vinyl backdrop and skirting of your choice..... With EVA foam base and all needed customization..... Clear Tempered Glass 19 MM All customization / acrylic cladding and plumbing 10 ft x 2.5 x 3.5 ft..... 157.5 sq. ft.for 7 nos= 1102.50 sft					
(b)	Custom design filtration sump tank 12 mm clear float glass 60.0sq.ft.for 7 nos= 420.00 sft Fully Customized Sump with fresh water chamber and auto TOP-UP arrangement	420.00	Sqft.			
27)	Custom design HO full spectrum LED lighting (PHOTONICS / INDIA) DIN..... for 10' foot Tank with timer and remote control access. For 7 nos	70.00	Nos.			
28)	Aquarium Filtration System..... (JECOD / JEBAO / PERIAH) Variable flow DC circulation pumps ..... 2 nos Wave makers ..... 2 nos Complete Plumbing arrangements for waste and clean water return.... All necessary mechanical and bio filter media...For 7 nos=... Electrical terminations and powering of points.....	7.00	Set			
29)	Complete CO2 system....45kg / 9L With automatic solenoid valve..... 14500/- Works automatically in sync with the lighting units For 7 nos=...	7.00	Set			

30)	Planted aquarium substrate..... 250 liters..... Inert clay substrate..... 90/ liter.....22500.00 (OPTIONAL) Humic clay substrate.... 140 / liter For 7 nos=...	1750.00	Ltr.			
31)	Fine substrate sand 25 kg. For 7 nos=...	175.00	Kg.			
32)	Timer unit for lighting and CO2... custom design.... 2 sets For 7 nos=...	14.00	Set			
33)	Aquarium filtration unit with Media / included with pumps For 7 nos=...	7.00	Set			
34)	Under gravel Plates 25 sq. ft. For 7 nos=...	175.00	Set			
35)	Aqua Scaping Décor / Rocks / drift wood and hardscape Aquarium Plants Rare and exotic plants.... Livestock / Assorted varieties of exotic and compatible fish For 7 nos=...	210.00	Nos.			
36)	Small Aquarium Accessories / filter sox / connectors / cooling fan / plumbing parts and silicone hose tubing / hose clips / egg crates and small accessories . . . Etc For 7 nos=...	7.00	Set			
37)	Custom made Aquarium stands built to requirement, as per the aquarium setup using combination of SS304 + WPC + CIVIL WORKS... PER UNIT COST.... #... NO PLY WOOD WILL BE USED.... Aquarium SS 304 stand and cabinetry .... Refer attached quote For 7nos=...	7.00	Set			
38)	RO Water Plant (Pearl Aqua/ Zeolite (India)) For 7 nos=...	1	No.			
39)	Water Storage Systems For 7 nos=...	1	No.			
40)	Air Circulation Fans (Usha/Khaitan/Havles) For 7 nos=...	15	No.			

41)	All Interior and Misc. Plumbing, All Electrical Works / False Ceiling / Panelling, Interior Lighting, Interiors and Rock Work For 7 nos=...	1035	Sqft.			
42)	Sea Shell Exhibits and Curios For 7 nos =...	1	Set.			
43)	HVAC AIRCON (Carrier/ Whirlpool /Hitachi/Mitsubishi For 7 nos=...	1	Set			

**Total (43) Items only**

**Total = Rs.** \_\_\_\_\_

**Installation & Transportation Charges @..... % = Rs.**

**G. Total = Rs.**

Bidder

Member Secretary  
Odisha State Maritime Museum  
Jobra, Cuttack



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