



ODISHA RENEWABLE ENERGY DEVELOPMENT AGENCY

Under the Department of Energy

Government of Odisha

(ISO 9001:2008 / ISO 14001:2004)

S/59,MANCHESWAR INDUSTRIAL ESTATE

BHUBANESWAR-751010, ODISHA

Website : www.oredaodisha.com E-mail : ceoreda@oredaorissa.com

Corrigendum

Notice No: 186 /PD – 30/2022


Date: 18/01/2024

Corrigendum is issued with necessary amendments and change in schedule of events for the e-tender notice no – 4110, dated 28.12.20123; for Design, Engineering, Manufacturing, Supply, Transportation, Deployment of FRP solar electric boats, with zero emission including Comprehensive Maintenance for Two (02) years at various places of the Chilika Lake, Odisha.

The revised Schedule of events is as mentioned bellow;

SI No	Name of the Event	Date & Time	Revised Date & Time
1	Date of publication of RFP on E-procurement website and OREDA website	28.12.2023	28.12.2023
2	Due date of pre bid query submission	6.01.2024, Time: 5:00 PM	6.01.2024, Time: 5:00 PM
3	Date and time of pre-bid meeting through virtual mode https:// meet.google.com/bcb-ldtg-dcn	8.01.2024, Time: 12.30 AM	8.01.2024, Time: 12.30 AM
4	Due date and time for submission of online copies of Technical Bid and price bid.	25.01.2024, Time: 5:00 PM	2.02.2024, Time: 5:00 PM
5	Due date and time for submission of hard copies of Technical Bid for select Bid Forms only	30.01.2024, Time: 5:00 PM	06.02.2024, Time: 5:00 PM
6	Tentative date and time for the opening of Technical Bid for both online copies and hard copies, except price bid.	31.01.2024, Time: 3:30 PM	07.02.2024, Time: 3:30 PM
7	Due date and time for the opening of online price bid applicable only for the bidders whose Technical bids shall be responsive.	To be intimate later	To be intimate later

Details can be seen from the website www.tenderwizard.com/OREDA or www.oredaorissa.com. Further corrigendum, if any, will be uploaded in these websites only.



18-01-2024

Chief Executive

Memo No. 187 /OREDA

Date 18/01/2024

Copy to FA – cum – Additional Secretary to Government, DoE, GoO for favour of information.

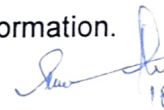

18-01-2024

Chief Executive

Memo No. 188 /OREDA

Date 18/01 /2024

Copy to Managing Director, OTDC, Bhubaneswar for favour of information.



18-01-2024

Chief Executive

Memo No. 189 /OREDA

Date 18/01 /2024

Copy to Chief Executive, Chilika Development Authority, Govt. of Odisha for favour of information.


18-01-2024

Chief Executive

Memo No. 190 /OREDA

Date 18/01 /2024

Copy forwarded to M/S KEONICS, A Govt. of Karnataka Undertaking, No.29/1, Race course Road, Bangalore- 560 001 for information and necessary action.



18-01-2024

Chief Executive

(7)
Memo No. 191 /OREDA

Date 18/01 /2024

Copy forwarded to the Director (Admin) / All Divisional Heads / Publicity Wing / Notice Board / Website of OREDA i.e. www.oredaodisha.com for information and necessary action. The advertisement may please be published in two Odia dailies i.e., "The Samaj" & "The Sambad" and in Two English dailies i.e., "The Times of India" & "The Indian Express" in all the editions.


18-01-2024

Chief Executive

FRP for Design, Engineering, Manufacturing, Transportation, Deployment of FRP solar electric boats, with zero emission including Comprehensive Maintenance for Two (02) years at various places of the Chilika Lake, Odisha.

NIT No.: 4110, Dated:28.12.2023

S/N O	CLAUSE NO	PAGE NO	CLAUSE	CLARIFICATION SOUGHT	Clarification issued	Amendment issued
1	2.1	23		<p>Tender Specification: If the tender specifications are derived from the IWT Odisha vessel, please note that IWT BOAT was not a high-spec vessel like this in terms of endurance, and the tender was published in early 2023, IRS Registration and warranty/maintenance are not included in the boat's price. Kindly consider budget adjustments accordingly.</p>		<p>The estimated cost of project is revised to 2.5 Cr. (Excluding GST)</p>
2	7.1	113	Site details	<p>Request to provide site infrastructure details and various location of Chilika lake where boats to be delivered</p>	<p>Site Details: 1. Barkul (Khordha) 2. Rambha (Ganjam) 3. Satapada (Puri) 4. Satapada 5. Balugaon</p>	

			<p>In case a Bidder is quoting a price less than the Estimated Cost, then the Bidder shall mandatorily deposit an Additional Performance Security in the form of a Bank Guarantee OREDA payable at Bhubaneswar, Odisha, for an amount equivalent to the difference of the amount of Estimated Cost and the Quoted price. This is to be uploaded online in the e-tender portal and the hard copy is to be submitted along with the other tender documents. This shall be valid for an expiry period of ten (10) Months from the last date of submission of Bid as per the NIT or any Corrigendum. The claim date shall be for a date, calculate for a period of twelve (12) Months from the date of expiry. This Additional Security shall be submitted as a part of the Price only and shall not be submitted under the Technical Bid by any chance; else the Bid shall be liable for rejection. This is a mandatory submission only for the Bidders who are quoting the prices less than the Estimated Cost in their Price Bid. Guarantee/Fixed Deposit Receipt shall be issued in favour of Chief Executive, Guarantee/Fixed Deposit Receipt and the Bank</p>			
3	1.3.3.3	23		<p>To be clarified in pre bid meeting, regarding diff of estimated price additional performance security</p>	<p>This is a general clause</p>	
4	1.3.6.1	23	<p>Bid validity period: Three Hundred Sixty Five (365) Days from the last date of Bid submission.</p>	<p>Request to consider validity of bids 180 days as per clause no 7.2.1 (page no 78)</p>		<p>The Bid validity period is one eighty (180) days from the last date of bid submission</p>

5	3.1.1.1	26	This Scope of Work shall be for the purpose of selection of contractor(s) to Design, Engineering, Manufacturing, Supply, Transportation, Deployment of FRP electric/ zero emission solar boats, with zero emission including Comprehensive Maintenance for Five (5) years at various places of the Chilika Lake, Odisha. The procurement of new boats shall be collectively called the "Project".	Refer to both clauses, confirm comprehensive maintenance to be consider while quoting for 2 years or 5 years	Design, Engineering, Manufacturing, Supply, Transportation, Deployment of FRP electric/ zero emission solar boats, with zero emission including Comprehensive Maintenance for two (2) years at various places of the Chilika Lake, Odisha	
6	3.1.1.2	26	Design, Engineering, Manufacturing, Supply, Transportation, Deployment of 20 seater FRP zero emission(solar) electric boats, including Comprehensive Maintenance for Two (02) years at various places of the Chilika Lake, Odisha			
7	3.2.1.1.b	27	The Successful Bidder shall provide the shore charging station/infrastructure for charging of boats near the jetty (Fishing boats) and harbours (OTDC and CDA's tourism boats) as per CERC guidelines for the EV charging.	Request to consider shore charging station near jetty will be under OREDA scope	Tender conditions to prevail. OREDA will assist bidder in obtaining the necessary connections.	
8	3.2.2 a	29	The performance and health of the ZERO EMISSION SOLAR BOAT will be monitored for a period of thirty (30) Days, from the date of Commissioning	Request to consider acceptance of the boat after successful trials completion at lake, as we will stand for guarantee, same will help us to claim our stage payment	Tender conditions to prevail.	
9	3.2.3	29	The Successful Bidder shall be required to undertake Scheduled Maintenance, Corrective Maintenance, and Breakdown Maintenance during the CMC Period	During maintenance period, request OREDA to provide accommodation and transport for successful bidder	No accommodation to be provided by OREDA	
10	3.4	32	Time Lines:- For new zero emission solar boat: T3 = T2 + One hundred and fifty (150) Days	Request to consider 210 days for 1 st boat delivery thereafter each month one boat delivery	Tender conditions to prevail	

11	6.1.5 a	50	<p>The contract price shall include the cost of all royalties, license fees and similar expenses in respect of any invention, process; drawing model, plan or information required for performance of the contract and the manufacturer/bidder shall indemnify the Owner/ OREDA against any claims, proceedings, damages, costs and expenses in respect thereof</p>	<p>Request to consider Boat registration formalities and fees under OREDA scope</p>	<p>The boats will be registered in the name of beneficiary. The scope of registration lies with the bidder. Beneficiary may assist in the registration process.</p>
12	1.3.3.3	23	<p>In case of the Bid Security submitted is in the form of a Bank Guarantee, the expiry date, and claim date are as follows: a) Expiry date: One hundred and eighty (180) Days from the original last date of submission of online Technical Bid b) Claim date: Twelve (12) Months from the date of expiry</p>	<p>Request to wave off bid security for MSME registered / Women entrepreneurs</p>	<p>Tender conditions to prevail</p>
13			<p>IRS Requirement: After reviewing the tender document, we believe that an IRS (Indian Register of Shipping) certification is not required for an inland vessel like this. A Naval Architect can certify the drawings of the vessel and the boat can be registered under IWT (Inland Water Transport) instead.</p>	<p>EMD Exemption: As a startup company with limited cash flow, we kindly request an exemption from the Earnest Money Deposit (EMD) for the companies having the certification from NSIC. It is worth noting that the IWT tender released also had an EMD exemption for all manufacturers across the country.</p>	<p>The drawing of the boat need to be certified by a Naval architect registered under Govt. of India. The boats will be registered under IWT.</p>
14				<p>Tender conditions to prevail</p>	

15		<p>Comprehensive Maintenance: We noticed a discrepancy in the document regarding the duration of the Comprehensive Maintenance. It states 2 years and in another place instead of 2, it is mentioned as 5 years.</p>	<p>Please refer to clarification issued in serial no 4.</p>	
16		<p>Operations: Regarding the operation of the boat, we find the requirement of 8 hours at 6 knots power to be quite high. This would result in a significant battery requirement. We suggest a more comfortable 4 knots for 8 hours cruise for the ride. Effective power requirement for one boat at speed of 6 knots is around 7 kW in one hour, so the power required is 7 kW x 8 hours of operation which is 56 kWh. So the battery required will be 70 kWh.</p>	<p>Tender conditions to prevail. However the bidder can plan for intermediate fast charging which will help in reduction of battery sizing.</p>	
17		<p>OBM Warranty: We noticed a discrepancy in the document regarding the warranty for the Outboard Motor (OBM)/Inboard. At one place it is 2 and another place instead of 2 it is 5 years. Please correct the same.</p>	<p>The warranty of the OBM will be minimum 2 years.</p>	
18		<p>Boat Timeline: The timeline for boat construction is stated as 5 months. However, if an IRS-approved vessel is required, we recommend extending the timeline to 8 months. The IRS approval process alone takes approximately 3 months. If IRS is not required then also building 5 boats in 5 months seems very difficult due to limited number of moulds, so we recommend minimum of 9 months for building 5 boats.</p>	<p>Tender conditions to prevail. IRS approved vessel is not required. The boat need to be made as per IRS rules only which need to be certified by a Naval architect. IWT will verify the vessel during registration.</p>	

19			IRS Approved Vessel: If an IRS-approved vessel is required, we suggest increasing the construction timeline to 8 months for one boat (3 months for IRS approval) and 12 months for the entire project.	
20			Increase in Boat Length: If an IRS-approved vessel is necessary, we recommend increasing the boat length to 12 meters for improved efficiency.	There is no limitation placed regarding length of boat. Catamaran boat with 20 passenger capacity with potential to operate at 6-8 knots speed is required.
21	3.1.1	26	Comprehensive maintenance for 5 years	Comprehensive maintenance for 2 years
22	3.1.1.2	26	Comprehensive maintenance for 2 years	
23	4.3.1	34	Comprehensive maintenance for 5 years	
24	3.2.1.1(a)	27		Solar boats shall be designed and built completely as per rules and regulations of any member of IACS
25	3.2.1.1(f)	27	Boats are to be constructed in accordance with approved drawings of any classification society (IACS)	Boats are to be constructed in accordance with approved drawings by a NAVAL architect registered under govt. of India
26	3.2.1.1(g)	27	The builder shall forward to the client a drawing schedule indicating drawings that will be sent to classification society for approval before construction	The builder shall submit the drawing schedule indicating drawings that will be sent to NAVAL architect for approval before construction to OREDA

27	4.3:1	34	<p>The bidder must have the experience of deisgn and deployment of 3 no.s of zero emission solar boats during dthe last five years from the last date of online submission of the technical bid in India</p> <p>As the experience of electric boat is very less in India requesting you to reconsider it and consider the</p>	<p>The bidder must have the experience of deisgn and deployment of 3 no.s of zero emission solar boats during the last five years from the last date of online submission or design and deployment of 10 no.s of FRP boats of capacity 20 passenger or more</p>
28	7.1.6	65	<p>Our experience of commissioning of zero emission solar boat and our experience successfully completing 5 years of comprehensive maintenance of zero emission solar boat</p>	<p>Our experience of commissioning of..... zero emission solar boat /..... No s of FRP boats of capacity 20 passenger and more and our experience successfully completing 2 years of comprehensive maintenance of zero emission solar boat</p>
29	7.5.1 to 7.5.2	88, 89,90, 91&92	<p>Specification of FRP solar boats</p>	<p>The indicative specifications is provided below. However bidder can propose alternate better specifications.</p>
30	4.4.1	35	<p>Financial qualification requirement : the bidder must have minimum average annual turnover of not less than Rs. 1.5 cr. values provided in any of the 3 years of the last five Fys (excluding other incomes)</p> <p>Average annual turnover of not less than 1.5 cr. in the last five (5) years</p>	<p>Average annual turnover of not less than 1.5 cr. in the last five (5) years</p>

31	7.1.7		Financial Qualification: Average annual turnover			
32	7.1.7		Financial qualification-net worth	To be excluded as average annual turnover of the last five (5) years is adequate for financial qualification		This clause is excluded.
33	New clause		After sales service			The successful bidder need to have a fully functional service center /outlet before deployment of boat in Odisha. The complete address & contact no to be stated before submission of final Invoice. The invoice will only be cleared after receiving the necessary details specified in the RFP and the contact details of the local service outlet.
34	7.5.1.3.4		Steering Gear: Electric steering mechanism should be fitted to prevent the use of hydraulic oil in boat.			Steering Gear: Hydraulic steering mechanism can be fitted
35	4.1.1	32	Note:consortium and subcontracting are not allowed.			Consortium is allowed. The revised JV and consortium format is provided below.
36	5.5.3.2	41	The Defect Liability Period shall be five (5) Years from the date of Acceptance of the Project.			The Defect Liability Period shall be two (2) Years from the date of Acceptance of the Project.