

Govt. of Jharkhand

Energy Department

Jharkhand Renewable Energy Development Agency (JREDA)

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CORRIGENDUM-I

In the light of pre-bid meeting held on **08.05.2023 (Monday)** & suggestions received from the prospective bidders, JREDA has decided to make following amendments in the NIB No. **04/JREDA/BS/FSPP/23-24** for Engagement of Agency for Conducting and Submission of Bathymetry Survey report and Soil Test Report for the development of Floating Solar Power Project of 600MW Capacity at Chandil Dam, Saraikela-Kharsawan District, Jharkhand.

| Section/ Annexure | Original Criteria | Read as/Amendments/Addendums |
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| 1 | Last date & time for receipt of online bids: 22.05.2023 (Monday) upto 05:00 P.M. | Last date & time for receipt of online bids: 29.05.2023 (Monday) upto 5.00 PM |
| 2 | Submission of original copies of Bid fee & EMD (Offline): 22.05.2023 and 23.05.2023 up to 5.00 P.M. | Submission of original copies of Bid fee & EMD (Offline): 29.05.2023 and 30.05.2023 up to 5.00 P.M. |
| 3 | Technical Bid Opening Date: 24.05.2023 (Wednesday) at 03:00 PM | Technical Bid Opening Date: 31.05.2023 (Wednesday) at 3.00 PM |
| Section-1 | Page no. 3 of the NIB/ Serial no. 7 and 8 of Section-1: List of Important dates and details of Bids: | |
| | Tender fee | General Bidder: Rs. 10,000/- (Rupees ten thousand) only. MSEs Bidder : Nil |
| | Earnest Money Deposit | General Bidder: Rs. 4,00,000/- (Rupees Four Lakhs only) MSEs Bidder : Nil |
| | | Tender fee Rs. 10,000/- (Rupees ten thousand) only. Note: No any exemption for MSEs bidder. |
| | Earnest Money Deposit Rs. 4,00,000/- (Rupees Four Lakhs only) Note: No any exemption for MSEs bidder. | |

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| <p>Section-2</p> | <p>Page no. 5 of the NIB/ Technical Eligibility Conditions/ii. Experience</p> <ul style="list-style-type: none"> • Three similar completed works costing not less than the amount equal to 40% of the estimated Project cost. <li style="text-align: center;">or • Two similar completed works costing not less than the amount equal to 50% of the estimated Project cost. <li style="text-align: center;">or • One similar completed work costing not less than the amount equal to 80% of the estimated Project cost. | <p>Page no. 5 of the NIB/ Technical Eligibility Conditions/ii. Experience</p> <ul style="list-style-type: none"> • Three similar completed works not less than 40% of the estimated water body area for 600 MW Floating Solar. <li style="text-align: center;">or • Two similar completed works not less than the 50% of the estimated water body area for 600 MW Floating Solar <li style="text-align: center;">or • One similar completed work not less than the 80% of the estimated water body area for 600 MW Floating Solar. <p>Note:- Estimated Water Body area is 1700-2000 hectare, However,</p> |
| | <p>Page no. 2 of the NIB/ e-Procurement Notice/2. Work completion period</p> <p>Work completion period is 01 (One) Month</p> | <p>Page no. 2 of the NIB/ e-Procurement Notice/2. Work completion period</p> <p>Work completion period is 04 (Four) Months</p> |
| <p>Section-2</p> | <p>Page no. 5 of the NIB/ Technical Eligibility Conditions/ii. Experience</p> <p>(a) The bidder with experience of having successfully completed similar works in any SNA / Govt. Organization / PSU during last 7 years ending last day of receipt of online bids of this tender. The bidder should fulfil the following experience requirement:40% of the estimated Project cost.</p> <p>Note: Similar nature of work means carried out Hydrographic / Bathymetric surveys in rivers / large water bodies using Automated Hydrographic Survey System (AHSS), post processing, preparation of drawings and submission of reports as stipulated independently.</p> | <p>Page no. 5 of the NIB/ Technical Eligibility Conditions/ii. Experience</p> <p>(a) The bidder with experience of having successfully completed similar works in any SNA / Govt. Organization / PSU during last 7 years ending last day of receipt of online bids of this tender.</p> <p>Similar nature of work means carried out Hydrographic / Bathymetric surveys in rivers / large water bodies using Automated Hydrographic Survey System (AHSS), post processing, preparation of drawings and submission of reports as stipulated independently of water body area approx. 1700 – 2000 hectare as per requirement for Floating solar plant or 600 MW of Floating Solar Project. (For Minimum Eligibility requirement, 1700 hectare will be considered)</p> |
| <p>Section-3</p> | <p>Page no. 12 of the NIB/Payment Terms and Conditions</p> <p>i. 80 % of the payment shall be made to the successful bidder as per the work order issued after submission of the report in line with Section- Submission of Reports and scope of work and acceptance of report from concerned department.</p> <p>ii. 20% payment may be paid after successful implementation of the project; Bidders have the option to claim the remaining 20% payment against submission of BG of equivalent amount valid for one year.</p> <p>iii. Subject to any deduction, which JREDA may be authorized to make under this contract, the contractor shall be entitled to payment.</p> | <p>Page no. 12 of the NIB/Payment Terms and Conditions</p> <p>Payment Terms Shall be as follows:</p> <p>i. 20% upon completion of Site Survey & Data Collection.</p> <p>ii. 30% upon submission and acceptance of Draft Survey Report.</p> <p>iii. 40% upon Submission of Final Report & acceptance of the same.</p> <p>iii. 10% upon successful implementation of project or 1 year of submission of Final Report whichever is earlier.</p> |

| <p>SCHEDULE "A"</p> <p>Detailed Scope of Work for the Survey Work</p> <p>B. Detailed Scope of Work for Hydrographic Survey:</p> <p>(m) Collecting soil / rock samples (DS & UDS) at bed level through bore hole (BH) at 1.5m interval up to 7m depth below bed level, conducting in-situ tests (CPT/PCPT, Van shear test) and laboratory tests on collected soil samples to obtain design soil properties like soil classification, grain size distribution including hydrometric analysis, organic material content, dry density, total unit weight/ relative density, Atterberg limits, water content, undrained shear test, shear parameters (cohesion, angle of friction), and in case of rock samples RQD, water absorption, total unit weight, and unconfined compressive strength.</p> | <p>SCHEDULE "A"</p> <p>Detailed Scope of Work for the Survey Work</p> <p>B. Detailed Scope of Work for Hydrographic Survey:</p> <p>(m) Collecting soil / rock samples (DS & UDS) at bed level through bore hole (BH) at 1.5m interval up to 7m depth below bed level, conducting in-situ tests and laboratory tests on collected soil samples to obtain design soil properties like soil classification, grain size distribution including hydrometric analysis, organic material content, dry density, total unit weight/ relative density, Atterberg limits, water content, undrained shear test, shear parameters (cohesion, angle of friction), and in case of rock samples RQD, water absorption, total unit weight, and unconfined compressive strength.</p> | | | | | | | | | | | | | | | | | | |
|--|--|-------|-------------|----------|---------------------------------------|-----------|--------------------|----|---|-----|--|------|---|-----|--|-----------|-----------------------------|----|--|
| <p>B. Detailed Scope of Work for Hydrographic Survey:</p> <p>The scope of work shall cover the following:</p> <p>a. Conducting detailed bank to bank Hydrographic Survey of the area under study in a grid of 20m x20m to get the reservoir bed levels. The soundings are to be reduced to Chart Datum (CD) / Sounding Datum (SD) to assess the bed profile. However, at the time of execution of the survey work, depending on the actual area size and hydrographic features, Employer may reduce the survey grid spacing.</p> | <p>B. Detailed Scope of Work for Hydrographic Survey:</p> <p>The scope of work shall cover the following:</p> <p>a. Conducting detailed bank to bank Hydrographic Survey of the area under study in a grid of 10m x10m to get the reservoir bed levels. The soundings are to be reduced to Chart Datum (CD) / Sounding Datum (SD) to assess the bed profile. However, at the time of execution of the survey work, depending on the actual area size and hydrographic features, Employer may reduce the survey grid spacing.</p> | | | | | | | | | | | | | | | | | | |
| <p>Addendum</p> | <p>SCHEDULE "A"</p> <p>Detailed Scope of Work for the Survey Work</p> <p>(G) Work Abstract</p> <table border="1" data-bbox="982 1166 2049 1568"> <thead> <tr> <th data-bbox="982 1166 1045 1239">S. N.</th> <th data-bbox="1045 1166 2049 1239">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="982 1239 1045 1279">A</td> <td data-bbox="1045 1239 2049 1279">Hydrographic & Topo Survey</td> </tr> <tr> <td data-bbox="982 1279 1045 1320">A1</td> <td data-bbox="1045 1279 2049 1320">Topo Survey</td> </tr> <tr> <td data-bbox="982 1320 1045 1352">i.</td> <td data-bbox="1045 1320 2049 1352">Collection of hydrological data from I&W dept/CWC</td> </tr> <tr> <td data-bbox="982 1352 1045 1385">ii.</td> <td data-bbox="1045 1352 2049 1385">Transfer of GTS benchmark on bank of the reservoir</td> </tr> <tr> <td data-bbox="982 1385 1045 1425">iii.</td> <td data-bbox="1045 1385 2049 1425">Establishment of permanent benchmark as per NIB</td> </tr> <tr> <td data-bbox="982 1425 1045 1498">iv.</td> <td data-bbox="1045 1425 2049 1498">Topographical survey in dry / low water area with contour plan as per instructions of Engineer-in-Charge</td> </tr> <tr> <td data-bbox="982 1498 1045 1539">A2</td> <td data-bbox="1045 1498 2049 1539">Water Velocity Study</td> </tr> <tr> <td data-bbox="982 1539 1045 1568">i.</td> <td data-bbox="1045 1539 2049 1568">Installing water level gauge on banks for recording daily water level variations for</td> </tr> </tbody> </table> | S. N. | Description | A | Hydrographic & Topo Survey | A1 | Topo Survey | i. | Collection of hydrological data from I&W dept/CWC | ii. | Transfer of GTS benchmark on bank of the reservoir | iii. | Establishment of permanent benchmark as per NIB | iv. | Topographical survey in dry / low water area with contour plan as per instructions of Engineer-in-Charge | A2 | Water Velocity Study | i. | Installing water level gauge on banks for recording daily water level variations for |
| S. N. | Description | | | | | | | | | | | | | | | | | | |
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| iii. | Establishment of permanent benchmark as per NIB | | | | | | | | | | | | | | | | | | |
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| i. | Installing water level gauge on banks for recording daily water level variations for | | | | | | | | | | | | | | | | | | |

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| | | entire duration of Survey. |
| | | ii. a) Wave & Current Measurement for a period of 30 days at 03 location i.e Left Bank, Centre & right Bank using preferably ADCP. b) Discharge measurement at upstream & downstream of the Reservoir |
| | | A3 Single Beam Bathymetric Survey |
| | | i. Hydrographic Survey using single beam echo sounder, DGPS, Motion Sensor (Roll, Pitch and Heave) & Eiva Navi Suite / Hypack 2022 or equivalent latest versions software in water bound area with survey lines @ 10 m interval |
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| | | B Geotechnical Investigation |
| | | i. On shore trial pits at 4 locations along with performing all field and laboratory test and recommendation. |
| | | ii. Electrical Resistivity Test 5 No. |
| | | iii. Onshore – Drilling of 150 mm dia in Soil and NQ/NX Drilling in rock upto 7 m depth in each Bore Hole along with performing all field and laboratory test and recommendation of rock parameter required for the design of structure Total Bore Hole 5 Nos Offshore – Drilling upto 150 mm dia in Soil and NQ/NX Drilling in rock upto 7 m depth in each Bore Hole or refusal, whichever is earlier, along with performing all field and laboratory test and recommendation of rock parameter required for the design of structure. Total Bore Hole 45 Nos. |
| | | iv. Collection of water samples at Surface, 0.5 and 0.8 of the water depth along with performing all laboratory test and recommendations - offshore 45 Nos. |
| | | v. Reservoir bed soil characteristics using Vanveen Grab Sampler 45 Nos. |
| | | C Geophysical investigation |
| | | i. Preparatory and mobilization |
| | | ii. Dual Frequency Side Scan Sonar Survey (Survey line @ 25m) |
| | | iii. CHIRP based 3.5 Khz Seismic / Sub Bottom profiling survey (Survey line @ 10m) |
| | Addendum | In Financial BOQ. Annexure – 5: Price Proposal (in Excel) Column No. 5 for Unit of Measurement is hereby omitted and Column No.6 “Quoted Rate including all taxes & charges” is hereby amended as “Quoted Price excluding GST” Sl.No.2 “ “Conducting work for Off-Shore Geotechnical Investigation/ Survey” Is hereby amended as “Conducting work for Geotechnical Investigation/ Survey and Geo Physical Investigation” Note: Uploaded Price BOQ has been prepared for quoting Rate because prospective |

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| | | survey area were not estimated. Now, survey area (1700-2000 hectare) has been estimated therefore, it has been now decided by JREDA that final price (Excluding GST) should be taken by the bidders. And hence, bidders are required to fill total price in place of rate. |
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2. Changes made as above in NIB may be read accordingly for similar changes in related technical specification.
3. The Corrigendum shall form the integral part of the tender documents.

Sd/-
Director,
JREDA, Ranchi

Response to Queries under NIB 04/JREDA/BS/FSP/23-24

| SI No | Company Name | Tender Clause & page No | Tender Related Quarries raised by Company/ Amendment Requested in Tender By the Company | JREDA Response |
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| 1.1 | M/s Global Marine Infratech Pvt. Ltd. | PAGE 13 A The scope of work includes carrying out detailed hydrographic survey including Geophysical & Geotechnical Survey for onshore & offshore of the sites identified for installation of floating solar PV projects. | KINDLY PROVIDE SITE LIMITS OF BATHYMETRIC SURVEY IDENTIFIED BY CLIENT FOR PROJECT | Agency shall have to conduct survey in 1700 - 2000 hectare (Approx.) Area may be higher as per site condition. exact location shall be finalized after joint site inspection with selected agency. Survey has to be done as per the details mentioned in NIB Document "Schedule - B" Page-19-20. |
| 1.2 | | PAGE 13 B b. Establishing min. 4 (2 on each bank) permanent benchmark at the location (PBM) (accuracy $\pm 0.005m$) with minimum life span of 5 (five) years for use in future check surveys. The levels shall be on the basis of GTS benchmark or any other established source like Railway station, Permanent PWD/ WRD structure etc. in the vicinity as approved by the Engineer by flylevelling. | KINDLY PROVIDE BM PILLAR SPECIFICATION FOR CONSTRUCTION AND GTS BENCHMARK DETAILS. | Attached |
| 1.3 | | PAGE 13 B e. Collecting data for daily water levels for preceding 10-15 years, LWL, HWL, High and Low tide etc. from Central water commission (CWC), state and local authorities as available | KINDLY CONFIRM, CLIENT TO PROVIDE ABOVE DATA OR CONTRACTOR TO ARRANGE | Contractor have to coordinate with state authorities for the details, however JREDA shall facilitate for the same. |
| 1.4 | | PAGE 14 B I. Collecting and testing water sample (at 03 points per location) at surface at 0.5 depth & at 0.2d from river bed (d = Depth of Water) | KINDLY PROVIDE LOCATION OF WATER SAMPLE POINTS AND QUANTITY | Water sample to be collected from site as per the requirement for the development of floating solar project. |

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| 1.5 | | PAGE 14 B m. There shall be 5 No. of BH per location at project site | KINDLY PROVIDE LOCATION OF BORE HOLES WITH LAT & LONG | Location shall be decided after joint site verification with JREDA officials after the award of work. |
| 1.6 | | PAGE 15 a. Grid 500mx500m b. Bore hole depth 5m below reservoir depth. c. Total number of bore holes 45 evenly spread. | LOCATIONS OF 45 BORE HOLES | Location shall be decided after joint site verification with JREDA officials after the award of work. |
| 2.1 | M/s Himalayan Surveying Services Pvt Ltd | Page-13 Point A. Conducting bathymetric and Hydrographic Survey for Floating Solar PV (FSPV) power plant. | We recommend using drone survey for water surveys and boat-mounted with RTK-enabled eco-sounders. This method will provide accurate and detailed information about the underwater topography of the reservoir and its surroundings, which can be used to design and plan the floating solar power project effectively. | Tender Terms & Conditions shall prevail |
| 2.2 | | In page no. 6, the experience section is based on the amount of work | We suggest changing the experience to area quantity like one similar work of 80% of the total area, two works of 50% of the total area, or three works of 40% of the total area. This will filter the truly experienced companies and ensure that only companies with relevant experience in conducting bathymetry surveys and soil testing for large projects, such as the one described in the tender document, are considered. | Accepted, Corrigendum shall be published |

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| 2.3 | | <p>Page No. 10 Payment Terms and conditions a. 80 % of the payment shall be made to the successful bidder as per the work order issued after submission of the report in line with Section- Submission of Reports and scope of work and acceptance of report from concerned department b. 20% payment may be paid after successful implementation of the project; Bidders have the option to claim the remaining 20% payment against submission of BG of equivalent amount valid for one year.</p> | <p>Payment Terms Shall be as given below: 1. 10% after Site Mobilization against submission of BG against advance amount. 2. 60% upon submission and acceptance of Draft Report. 4. 20% upon Submission of Final Report & acceptance 5. 10% upon successful implementation of project or 1 yr of submission of Final Report whichever is earlier.</p> | <p>Partially Accepted. Payment terms shall be revised</p> |
| 2.4 | | <p>Work Completion Period – 01Month</p> | <p>Subject to multiple scope of work including requirement of high precision during the survey work and revisions as per the employer. We recommend minimum 3 Month time for the completion period for proper disposal of all activities.</p> | <p>Accepted, Corrigendum shall be published</p> |
| 3.1 | <p>M/s Energera Solutions</p> | <p>Page No 02Work completion period - 01 (One) Month</p> | <p>Work Completion in 1 month would be difficult as there are many activities where data collection for 30 days is required. This may be modified as below:1. Site Mobilization - Within 15 days of award of order/clearance from EIC2. Site Survey & Data Collection - Within 45 days of award of order/clearance from EIC3. Submission of Draft Report - Within 75 days of award of order/clearance from EIC4. Submission of Final Report - Within 90 days of award of order/clearance from EIC, whichever is later</p> | <p>Agreed, Amendment shall be done in Tender document.</p> |
| 3.2 | | <p>Page No 03 Contract Period is mentioned as 1 year</p> | <p>This is contradictory to the work completion period.</p> | <p>Contract Period shall be 1 year</p> |
| 3.3 | | <p>Page No 05- Technical Eligibility Criteria a) The bidder with experience of having successfully completed similar works in any SNA / Govt. Organization / PSU during last 7 years ending last day of receipt of online bids of this tender. The bidder should fulfil the following experience requirement:40%</p> | <p>We do have all in-house technical expertise, however, it would be difficult to meet the PQC set forth in the tender. We have experience of similar job for bathymetry survey of lake of 35 acres area. Although we have been awarded another work order of a bigger water body by</p> | <p>Refer Sl.No. 2.3</p> |

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| | of the estimated Project cost. or of the estimated Project cost. or of the estimated Project cost. Note: Similar nature of work means carried out Hydrographic / Bathymetric surveys in rivers / large water bodies using Automated Hydrographic Survey System (AHSS), post processing, preparation of drawings and submission of reports as stipulated independently. | KREDL, but the same has not been executed yet due to permission/clearance related issue. We request you to kindly amend this clause and ask for the prior experience without any qualifying % of the estimated project cost. We are also in the process of getting START-UP credential from the appropriate Govt. authority. As per the Govt. rule, START-UP may be exempted from the Eligibility Criteria, both Technical & Financial by the Tender Inviting Authority as deemed fit. This particular clause may be included to provide the required waivers without changing the qualification criteria. We are also attaching our company profile with details of all the consultants in our team from varied field. | |
| 3.4 | Page No- 6 Turnover iii. Turnover:a) Average Annual Financial Turnover in the last 3 years, ending 31st March 2022 should not be less than 60 Lakhs, obtained only from similar nature of work. | Although all of our team members have worked extensively in this field as freelancers, all of us have made the firm only in June 2021. We would not be able to meet the turnover criteria due to this reason. This may be waived off completely or a waiver for START-UP may be provided in line Govt. rules | Tender Terms & Conditions shall prevail |
| 3.5 | Page No- 6 Net Worth Requirement a) Bidder should have Positive Net Worth as on 31.03.2022 on the basis of audited annual accounts. | Although our balance sheet for the FY 2021-22 as required can be submitted against this for having a positive net worth, but the same is not audited due to less turnover in that year | Tender Terms & Conditions shall prevail |
| 3.6 | Page No- 8 Net Worth Requirement Firm's registration certificate. There is a requirement to submit Firm's registration certificate. | Please be noted that we are a Partnership Firm and it is not registered till date. However, we are in the process of converting it to LLP/Pvt Ltd as a mandatory requirement for obtaining START-UP certificate, same shall be provided, however, if there is slight delay in obtaining the same, we request you to kindly extend the bid submission date slightly. | Accepted |

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| 3.7 | <p>Page No 11 Payment termsi. 80 % of the payment shall be made to the successful bidder as per the work order issued after submission of the report in line with Section- Submission of Reports and scope of work and acceptance of report from concerned department. ii. 20% payment may be paid after successful implementation of the project; Bidders have the option to claim the remaining 20% payment against submission of BG of equivalent amount valid for one year.iii. Subject to any deduction, which JREDA may be authorized to make under this contract, the contractor shall be entitled to payment.</p> | <p>Our humble request to modify the payment terms. As we are a small firm with limited access to capital, following changes in the payment terms shall help us to complete the project, if awarded on us1. 10% after Site Mobilization2. 20% upon completion of Site Survey & Data Collection3. 25% upon submission of Draft Report4. 35% upon Submission of Final Report & acceptance5. 10% upon successful implementation of project or 1 yr of submission of Final Report whichever is earlierAs the successful implementation of the project will not be in our control in any way, it would not be correct to hold the amount on the same and 20% would be very high.</p> | <p>Refer SI.No. 2.3</p> |
| 3.8 | <p>General Concerns</p> <p>1. As floating solar is an emerging market and much works hve not been done in India, not many consultants have hands-on experience... big consultants like PWC, E&Y, Delloite etc have done some projects having similar scope of works, but their cost due to their overheads is generally very very high.</p> <p>2. It shall also be noted that Big consultants will normally offload all these works in several parts as they do not normally have any in-house team to do the site studies. Due to this, the survey will not be done actually based on the floating solar plant requirement, but for the traditional requirement of bathymetry works like desilting, foundation of offshore rigs etc by the sub-contract agencies who will not have any knowledge of the Floating Solar Plant.</p> | | <p>Tender terms & Conditions shall prevail</p> |

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| 4 | M/s Geo Marine Solutions | With Reference to Tender Documents | What is the total area (in sq km) to be surveyed for, a. Bathymetric survey b. Topographic survey c. Sides scan survey d. Sub-Bottom survey e. Geotechnical survey | Areas to be covered under all types of survey should be adequate for 600 MW of Floating Solar. 1700 - 2000 Hectare (Tentative) of area shall be Surveyed for Bathymetric. |
| | | | No. of locations for water sampling? | Water sample to be collected from site as per the requirement for the development of floating solar project. |
| | | | In detailed Scope of Work for Hydrographic survey, point no. m (page 14), it was mentioned there shall be 5 No. of BH per location at project site. Please clarify? | Bore hole shall be calculated considering Grid of 500mx500m for entire survey area with Bore Hole at each nodes. |
| | | | What is the topographic survey scale? | Please refer Page no. (17) (i.) Hydrographic Survey |
| 5.1 | The Designers Consortium, Noida | Page No. 2 Point 2 – Work Completion Period The completion period of the project has been stipulated as 1 months | Considering the magnitude of works laid out in the scope of works and owing to the large area of the reservoir, it would not be possible to complete the works within 1 month. We suggest the completion period of the project be revised to 75 days. | Please refer Corrigendum |
| 5.2 | | Page 6 ii. Experience, a Tender authority has set the qualifying requirement as 1 job of 80% value of 2 crores, 2 jobs of 50% value of 2 crores or 3 jobs of 40% value of 2 crores | We wish to state that within India, FSPV projects have been executed to a maximum extent of 500MW to 600MW per reservoir/project, the total value of services for hydrographic survey, Geotech investigation and other surveys for these FSPV projects do not equate to value of jobs required for qualification in this tender, and therefore, no organization will be able to reproduce completion certificates of such values to establish qualification. Therefore, we request alteration or addition of the following clause as an 'OR' to the above mentioned clauses | Refer Sl.No. 2.2 |

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| | | <p>'Similar one job for a minimum area of 1000 hectares in water bodies for floating solar power project'</p> <p>Or</p> <p>'Similar one job for 100-150MW floating solar power project'</p> | |
| 5.3 | <p>Page 6</p> <p>ii. Experience, a)</p> <p>The tender mentions that, 'The bidder with experience of having successfully completed similar works in any SNA / Govt. Organization / PSU during last 7 years'.</p> | <p>We request acceptance of works from private organisations apart from the ones listed as above.</p> | <p>Tender Terms & Conditions shall prevail</p> |
| 5.4 | <p>Payment Terms and Conditions Clause i & iii. 80 % of the payment shall be made to the successful bidder as per the work order issued after submission of the report in line with Section- Submission of Reports and scope of work and acceptance of report from concerned department. ii. 20% payment may be paid after successful implementation of the project; Bidders have the option to claim the remaining 20% payment against submission of BG of equivalent amount valid for one year.</p> | <p>It has been mentioned that 20% payment shall be paid after successful implementation of the project, however, this clause remains open ended, as we do not know when or how the FSPV will be constructed and commissioned. Construction of the plant depends on various factors which are out of our control and could be years before the implementation happens or constructed at all. Therefore, we request the payment for this job shall not be linked to the impletion phase of this project. We suggest the following payment terms:i. 80 % of the payment shall be made to the successful bidder as per the work order issued after submission of the draft report in line with Section Submission of Reports and scope of work.ii. 20% payment may be paid after acceptance of report from concerned department.</p> | <p>Refer Corrigendum</p> |

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| 5.5 | | <p>Schedule "A" – Detailed Scope of Work for the Survey Works Page No. 14 Clause B.I.</p> <p>Collecting and testing water sample (at 03 points per location) at surface at 0.5 depth & at 0.2d from river bed (d = Depth of Water)</p> | <p>Kindly define number of locations for water sample collection & testing. We recommend one location for each 500mx500m grid.</p> | <p>Recommendation Accepted</p> |
| 5.6 | | <p>Schedule "A" – Detailed Scope of Work for the Survey Works Page No. 14 Clause B. Sub Clause m.</p> <p>The depth of boreholes is defined as 7m below bed level</p> | <p>We understand drilling is to be done up to 7m below bed level regardless of soil or rock.</p> <p>However, we recommend drilling of boreholes up to 7.0m in soil or upto 3.0m in rock, whichever shall be earlier. We suggest the above as drilling 7m in rock is not required for the structures required for FSPV plants.</p> | <p>Tender Terms & Conditions shall prevail</p> |
| 5.7 | | <p>Schedule "A" – Detailed Scope of Work for the Survey Works Page No. 14 Clause B. Sub Clause m.</p> <p>There shall be 5 No. of BH per location at project site.</p> | <p>We understand these 5 number of BHs are required for the sub-station area? Kindly confirm</p> | <p>Refer Corrigendum</p> |
| 5.8 | | <p>Schedule "A" – Detailed Scope of Work for the Survey Works Page No. 15 Clause C. Sub Clause b</p> <p>The depth of boreholes is defined as 5m below bed level for offshore drilling</p> | <p>We understand drilling is to be done up to 5m below bed level regardless of soil or rock in the case of offshore drilling. However, we recommend drilling of boreholes up to 5.0m in soil or up to 3.0m in rock, whichever shall be earlier. We suggest the above as drilling 5m in rock is not required for anchoring of solar panel structures</p> | <p>Tender Terms & Conditions shall prevail</p> |
| 6.1 | Vatsaa Energy Pvt Ltd | <p>The time allotted for the entire work is 30 days.</p> | <p>After awarding the job it will take around 1 week to start the site activities, 30 days level monitoring is mandatory as per scope , And the report preparation will take at least one week. So we kindly request you to extend the execution time by at least 15 days.</p> | <p>Shall be amended. Please refer corriengendum</p> |

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| 6.2 | | For PQ, as per the tender document, its need to prove that company has an average annual turn over of 60 lakhs for the last three financial years. | <p>We Kindly request you to consider FY 2022-23 also for validation. For proving net-worth also, please consider 31 st March 2023 as the reference date.</p> <p>We are ready to submit all our GST return acknowledgement receipts also for proving turn over along with Chartered Accountant's certificate.</p> <p>More than that Vatsaa Energy is a startup recognized by central government as well as an MSME and the PQ conditions can be exempted in public procurement if we are technically capable.</p> | Accepted with the condition that all Financial Report must be audited |
| 7.1 | Enzen Global Solutions Private Limited | Successful bidder shall submit a security deposit @10% of the allotted work order value in the form of DD/Bank Guarantee valid for one year on or before 15 Days from issuing work order. | We humbly request to reduce the security deposit at 3% of the allotted work order value as per the standard norms. | Tender Condition shall prevail |
| 7.2 | | 20% Payment may be paid after successful implementation of the project; Bidders have the option to claim the remaining 20% payment against submission of BG of equivalent amount valid for One Year | 10% after submission of inception report, 50% after completion of survey, 30% on submission and acceptance of final report, 10% after project award of the EPC work for implementation | Refer Corrigendum |
| 7.3 | | Bid End Date: 22.05.2023 | We request you to extend the due date by another 2 Weeks (05.06/2023) enabling us to submit robust and detailed proposal. | Refer corrigendum |