



महाराष्ट्र शासन



MAHATMA PHULE RENEWABLE ENERGY & INFRASTRUCTURE TECHNOLOGY LTD.

(MAHAPREIT),

(Subsidiary of MPBCDC, a Government of Maharashtra undertaking)

Pinnacle Corporate Park B-501, Next to Trade Center, Bandra Kurla Complex, Bandra East, Mumbai
400051.

<https://mahapreit.in>

MAHAPREIT/BMC/Consultant/PMC/2025

(Open Tender Basis)

BID DOCUMENT

INVITATION TO OFFER e-REQUEST FOR PROPOSAL (e-RFP)

for Selection of consultant

RFP for appointing a consultant to conduct **Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA)** for **BMC's Floating Solar projects**, including site assessment and investor outreach for a **100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra**.

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Disclaimer

1. Though adequate care has been taken while preparing this RFP document (inclusive of Formats and Annexures), the Bidders shall satisfy themselves that the document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from prospective Bidder at least ten (10) days prior to Bid Submission deadline, whichever is later it shall be considered that the RFP document is complete in all respects and has been received by the Bidder. Bidder shall be responsible to read all clauses in conjunction with PPA (Part of RFP, in the form of Annexure).
2. MAHAPREIT reserves the right to modify, amend or supplement RFP documents including all formats and annexures at any time before Bid Submission deadline. Interested Bidders are advised to follow and keep track of MAHAPREIT's website for updated information. MAHAPREIT is not obligated to send/ communicate separate notifications for such notices/ amendments/ clarification etc. in the print media or individually. MAHAPREIT shall not be responsible and accountable for any consequences to any party.
3. While this RFP has been prepared in good faith, neither MAHAPREIT nor their employees or advisors make any representation or warranty, expressed or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omissions herein, or the accuracy, completeness or reliability of information and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RFP, even if any loss or damage is caused by any act or omission on their part.
4. The capitalized term or any other terms used in this RFP, unless as defined in RFP or repugnant to the context, shall have the same meaning as assigned to them by the Electricity Act, 2003 or Companies Act, 1956/2013 or Indian Partnership Act, 1932 or Limited Liability Partnership Act, 2008 or Income Tax Act, 1961 and the rules or regulations framed under these Acts.
5. It shall be the sole responsibility of the Bidders to ensure the accuracy and completeness of the information furnished in the prescribed Bid formats. Bidders are required to conduct their own independent due diligence with respect to the Project, including but not limited to, assessing its feasibility, verifying the accuracy of the information and claims contained in this document, identifying any potential risks or liabilities, and evaluating the overall suitability of the Project for their participation.

6. The bidder shall be deemed to have carefully examined the terms and conditions, procedure, specifications, forms and formats, annexures/schedules, attachments etc. in this bid document and also to have satisfied himself as to the nature and character of the work to be carried out under the contract, site conditions and all relevant matters & details. the bidders shall also be deemed to have carefully examined the terms & conditions, specifications, state specific regulations & policies, regulatory commission order all applicable rules and regulations for such projects

SECTION – 1

DETAILED INVITATION TO OFFER NOTICE

MAHATMAPHULE RENEWABLE ENERGY & INFRASTRUCTURE TECHNOLOGY LTD

(MAHAPREIT)

B-501 PINNACLE CORPORATE PARK, NEXT TO TRADE CENTER, BKC (EAST) MUMBAI-400051

e-RFP No. MAHAPREIT/BMC/Consultant/2025

DETAILED INVITATION TO OFFER NOTICE

- Online electronic bids for the below-mentioned work are invited by the Managing Director on behalf of MAHAPREIT Ltd, Mumbai for the **Selection of** consultant to carry out pre-feasibility surveys and to prepare a Bankable Techno-Commercial Assessment for BMC's Floating Solar projects. The scope of work includes investor outreach for a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra. Main Offer Document is available for online bid preparation and submission on above website from as per scheduled. The time schedule for various bidding phases is given in the detailed e-RFP notice, which is also available on website as part of the bid document.

• SUMMARY DETAILS

Sr. No.	Name of work	Estimated Cost Lump Sum	Period of Work	EMD Amount Rs.	Offer Document Cost Rs.
1.	To carry out pre-feasibility surveys and to prepare a Bankable Techno-Commercial Assessment for BMC's Solar projects. The scope of work also includes investor outreach for a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra	-	45 days	50000/-	5,000/- + 18% GST
2	Bid Processing fee (Nonrefundable)	₹10,000/- + 18% GST (₹ 1800/-) = ₹ 11,800/-			

1. General Terms -

1. All bidders are hereby cautioned that the RFP containing any deviation from the contractual terms and conditions and other requirements and CONDITIONAL RFP shall be rejected.
2. Validity Period: The bid of the Bidder shall remain valid for 120 days from the date of opening of the RFP.
3. The Bidders participating for the first time in e-RFQ will have to procure Digital Signature Certificate as well as should compulsory get themselves enrolled on e-tendering portal <https://mahatenders.gov.in>
4. If any assistance is required regarding e-RFQ (upload and download), please contact CGM (IT) of MAHAPREIT at cgm.it@mahapreit.in
5. The Professional Project Management Agency providing Transaction and Consultancy Advisory (PMATCA) Firms participating for the first time in e- RFP will have to procure Digital Signature Certificate as well as should compulsory get themselves enrolled on RFP
6. All requisite information required for the submission of Offer documents is available in RFP
7. In view of the conflict of Interest, the Professional Project Management Agency providing Transaction and Consultancy Advisory (PMATCA) Firm, the bidder and its affiliates shall not engage in such consulting activities that conflict with the interest of the MAHAPREIT.
8. All rights are reserved by the Competent Authority to reject any or all Offers in full or in part without assigning any reason or accept the offer beyond the validity period.
9. To search MAHAPREIT tenders, Select Organization as “Social Justic and Special Assistance” and Department as “MAHATMA PHULE RENEWABLE ENERGY AND INFRASTRUCTURE TECHNOLOGY”.
10. For new bidders kindly go through the Bidders Manual Kit
<https://mahatenders.gov.in/nicgep/app?page=BiddersManualKit&service=page>
particularly the Registration of Bidders document.
11. For FAQ's pls go through
<https://mahatenders.gov.in/nicgep/app?page=FAQFrontEnd&service=page>
12. Bidders who are using SB MOPS other banks (Other than SBI Bank) Internet Banking are requested to make online payment four days in advance.
13. From 15th August 2024 application fees of Rs 500 per bid shall be charged from the bidders by the Government of Maharashtra.
14. For online payment-related issues, kindly send an email with the Bank Reference Number to this email ID merchant@sbi.co.in for clarifications.

15. For any technical related queries please call at 24 x 7 Help Desk Numbers as below
120-4001, 0120-4001 005, 0120- 4493395
International Bidders are requested to prefix 91 as the country code

2. **E-Mail Support:** -For any Issues or Clarifications relating to the published tenders, Bidders are requested to contact the respective Tender Inviting Authority

Technical - support-eproc@nic.in

TIME SCHEDULE OF THE e-TENDER	
1. e-Tender No.	MAHAPREIT/BMC/Consultant/PMC/2025
2. MODE OF TENDER	Open and e-Tender System Online submission of (Technical Bid) through https://mahatenders.gov.in/ The intending Bidders are required to submit their offer electronically through this e- tendering portal. No physical tender is acceptable by MAHAPREIT
3. publication in MAHAPREIT websites and https://mahatenders.gov.in/	20/12/2025 at 17.00 hrs.
4. Date of availability to the Vendors for downloading	20/12/2025 at 17.00 hrs.
6. Date & Time of Online Pre-Bid Meeting	Date: 23/12/2025@3.00 PM
7. Last Date of Sale of tender at https://mahatenders.gov.in/	Date: 12/01/2026@3.00 PM
8. Last Date & Time of Submission of tender at https://mahatenders.gov.in/	Date: 12/01/2026@3.00 PM

9.	Date and time of opening of Technical Bid	Date: 13/01/2026@4.00 PM
10	Date and time of opening of Financial Bid	Will be informed later

These instructions to applicants are being issued for appointment of the Consultant Agencies Firms. Detailed scope of the work is being provided in the Scope of Work.

SECTION – II

DEFINITIONS AND E-RFP DATA

DEFINITIONS AND E-RFP DATA

2.0 DEFINITIONS:

2.1 MAHAPREIT:

MAHAPREIT shall mean the “MAHATMA PHULE RENEWABLE ENERGY & INFRASTRUCTURE TECHNOLOGY LTD”, MUMBAI acting through its Managing Director. The headquarters of the **MAHAPREIT** is Mumbai.

The functions and powers of the MAHAPREIT have been provided in the Memorandum of Association & Articles of Association in general, it has been entrusted with the work of accelerating the economic upliftment of the economically weaker families belonging to the Scheduled Castes.

2.2 REGISTERED ADDRESS FOR COMMUNICATION

B-501 PINNACLE CORPORATE PARK, NEXT TO TRADE CENTER, BKC (EAST) MUMBAI 400051

2.3 WEBSITE:

Web Site means official websites for e-tendering having following web addresses:
<https://mahapreit.in>

2.4 APPLICANT:

Bidders: Firms/Companies/Consortium/Joint Ventures/ Project Management Consultant/Agencies/ for the Selection of Project Monitoring Consultant (PMC) for 30 MW Distributed Grid-Connected Rooftop Solar PV Projects at various Identified Government Buildings of Goa.

2.5 COMPETENT AUTHORITY:

Competent Authority shall mean the Managing Director of MAHAPREIT Ltd.

2.6 CONTRACTOR:

Contractor shall mean the registered law firm who enters contract, with the MAHAPREIT and shall include their executors, administrators, successors and submitted assignees.

2.7 CONTRACT:

The contract shall mean and include the following documents.

1. Volume I - RFP Documents.
2. RFP Document and information/data submitted by the contractor.

2.8 WORK AND UNIT:

Work shall mean the work to be executed in accordance with the Scope of Work of Contract.

Unit: Unit wherever considered shall mean a District/Regional/Head Office of MAHAPREIT.

A. RFP DATA AT A GLANCE (SUMMARY DETAILS)

Sr. No.	Particulars	Details
1	Name of work	Tender for hiring a consultant to carry out pre-feasibility surveys and to prepare a Preliminary Techno-Commercial Assessment (PTCA) for BMC's Floating Solar Photovoltaic (FSPV) projects. The scope of work includes statewide project identification, pilot site assessment, and investor outreach for a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra.
2	Estimated Cost.	Lump sum
3	Offer Document Cost Rs.	₹ 5,000/- + 18% GST (₹ 900/-) = ₹ 5,900/- (Offer Document Cost and E.M.D. amount shall be paid through online payment gate at tender portal).
4	Earnest money (EMD)	Rs. 50000/-
5	Mode of payment (EMD)	RFP document and E.M.D. amount shall be paid through E- payment gateway.
6	Retention Security Deposit (PBG)	Security: 5% of Contract Value
7	Nonrefundable Bid Processing fee	Rs. 10000/- + 18% GST to be paid in Bank of Maharashtra Account. Details are provided*
8	Mode of Submission of RFP	RFP should be submitted on-line on https://mahatenders.gov.in/
9	Period of Work	45 Days
10	Contact Details of MAHAPREIT Official Address Email: Phone:	Mr. Mahajan (CGM IT in charge) 022- 69214431/424/625, cgm.geca@mahapreit.in , gm.resco@mahapreit.in 501, 502 Pinnacle Corporate Park, B Wing, 5th floor. Next to Trade Centre BKC Mumbai

11	Any addendum / corrigendum /Cancellation	Any addendum/corrigendum/cancellation of above RFP will be published on the website https://mahatenders.gov.in/
12	Bid Documents	Bid Documents consisting of, information and eligibility criteria, plans, specification and schedule of quantities of the works are available on web-site https://mahatenders.gov.in/ and the set of terms and conditions of contract and other necessary documents can be seen on the web-site till last Date of sale and receipt of RFP papers. Interested Bidder may obtain further information at the web-site Portal https://mahatenders.gov.in/
13	Bid Documents acceptance period	The bid for the work shall remain open for acceptance for a period of 120 days from the last Date of receipt of bids. If any Bidder withdraws his bid/ offer before the said period or makes any modification in the terms and condition of the bid, the EMD at the time of submission of RFP shall stand forfeited.
14	Bid Acceptance Criteria	As per technical and Financial qualifying Requirements
15	Other details	can be seen in the bidding documents which is available in web-site https://mahatenders.gov.in/
16	Documents to be uploaded	The PDF copies of original Documents should be uploaded on above-mentioned website of this RFP Booklet and should be produced in the verification on demand after the opening of the Technical Bid. The Bidders who participated in the on-line bidding can witness opening of the bid from any system logging on to the portal https://mahatenders.gov.in/ away from opening place. The bids can only be opened by the pre-designated officials only after the opening time mentioned in the bid. In the event of the specified Date of bid opening being declared a holiday the bid will be opened at the appointed time and transaction in the next working day.
17	RFP Acceptance Authority	Managing Director, MAHAPREIT

- **Bank of Maharashtra Account Details for payment of bid processing fee:**

Name: MAHATMA PHULE RENEWABLE ENERGY & INFRASTRUCTURE TECHNOLOGY LTD.

Account No: 60436723381

IFSC: MAHB0000164

Kalanagar Bandra branch

Bidder shall submit a receipt for the payments in the technical bid documents.

SECTION – III

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS TO BIDDER FOR BIDDINGTECHNICAL / FINANCIAL BIDDING PROCESS

3. INFORMATION AND INSTRUCTIONS TO APPLICANT BIDDERS:

- 3.1.1 The Online e-RFP are invited by the MAHAPREIT for Selection of Consultant for to carry out pre-feasibility surveys and to prepare a Bankable Techno-Commercial Assessment for BMC's Solar projects. The scope of work includes investor outreach for a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra. The Applicant should download Main e-RFP Document from the website. <https://mahatenders.gov.in/>
- 3.1.2 The Online forms of master filter should be filled in completely and all questions should be answered. All information requested for in the enclosed forms should be furnished against the respective columns in the form. If any query is not relevant, it should be stated as "Not Applicable" Only 'dash' reply will be treated as incomplete information. All applicants are cautioned that incomplete information in the application or any change(s) made in the prescribed forms will render application to be treated as non- responsive.
- 3.1.3 The Main e-RFP Document shall be typed on applicant's letterhead and uploaded the scanned copy.
- 3.1.4 Any overwriting or correction shall be attested. All pages of the Main e-RFP Document shall be numbered and should be submitted as package with a signed letter of transmittal.
- 3.1.5 All the information must be filled in English language only.
- 3.1.6 Information and certificate(s) furnished along with the application form (the respective application that vouches to the suitability, technical know-how and capability of the applicant) should be digitally signed by the applicant.
- 3.1.7 The applicant is encouraged to attach any additional information, (PDF copies of similar job orders which were already carried out, regarding his capabilities). No further information will be entertained after submission of Main RFP Document unless it is requested by **MAHAPREIT**.
- 3.1.8 The Main e-RFP Document in prescribed forms as required in this booklet duly completed and signed should be uploaded on web site along with all relevant

documents. The documents submitted in connection with the pre-qualification shall be treated as confidential and will not be returned.

3.1.9 The cost incurred by the applicant in preparing this offer, in providing clarification or attending discussions, conference in connection with this document, shall not be reimbursed by the MAHAPREIT under any circumstances.

3.1.10 Instructions to the Bidders:

Detailed information regarding the scope of work and volume thereof can be obtained by Bidder from the Office of MAHAPREIT on any working day and during the currency of RFP, in addition to the details available through these e-RFP documents.

3.1.11 Payment Terms & Retention Deposit:

Payment will be made on 4 instalments quarterly from the date of award and satisfactory completion of assigned work as per milestone scope of work.

3.2 METHOD OF APPLYING.

If the application is made by bidder organizations, it shall be digitally signed by Authorized representatives giving their full Type written names and current addresses holding valid power of attorney on behalf of the firm by signing the application, in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed, current address of all the partners of the firm shall also accompany the application.

3.3 REVISION OR AMENDMENT OF RFP DOCUMENTS:

All Rights are reserved to revise or amend the RFP document released on website, prior to time specified in time schedule for main e-RFP preparation. Any further revisions or amendments or time extensions shall be communicated to all concerned by e-mail and as may be displayed on website.

3.4 EARNEST MONEY:

All Bidders shall pay entire E.M.D. and payment shall be made through the e-

payment gateway/uploading payment receipts.

3.5 REFUND/CONVERSION OF EARNEST MONEY

After acceptance of the offer of successful Bidders, the E.M.D. of other Bidders will normally be refunded within 15 days. In the case of successful Bidder, the earnest money will be converted to Security Deposit after signing of contract documents. Earnest money amount shall not carry any interest whatsoever.

3.6 MANNER OF SUBMISSION OF RFP AND ITS ACCOMPANIMENTS:

Main RFP Documents are to be prepared and submitted online. Also, they must be download from web site, fill it completely and upload on web site by scanning and digitally signing wherever necessary.

The detailed step by step procedure for uploading the Main RFP Documents, required RFP papers, Payment of RFP fee, and E.M.D through E payment Gateway is available on the e-Tendering website of Govt. of Maharashtra <https://mahatenders.gov.in>. Bidders must follow the instructions given on the above web site for filling up Main RFP Forms Online. Bid Processing fee to be paid in Bank of Maharashtra Account.

3.7 CONFLICT OF INTEREST

- 1) The selected Organization/Groups should provide transparent, professional, objective, impartial service and hold MAHAPREIT's interest paramount with utmost integrity.
- 2) The selected bidder shall not deploy former contractual employees who have served MAHAPREIT.
- 3) The selected bidder shall not downstream or outsource any part of the scope of work from any agency appointed by the MAHAPREIT or sublet the work assigned.
- 4) Non-disclosure of such an association will lead to termination of Agency.

3.8 THE BIDDER SHALL SUBMIT DOCUMENTS LISTED BELOW (ALONG WITH TECHNICAL BID)

- 1) Scanned copy of Income Tax Return for the last 3 financial years.
- 2) Scanned copy of Registration or Article of Association and Memorandum of Association of Firm/Organization.
- 3) Scanned copy of Power of Attorney authorizing representative to act on behalf of the firm/Organization.
- 4) All documents required to be submitted shall be sealed and self- attested and if required, original copies shall be made available for verification in due course.
- 5) Undertaking duly signed on letterhead of the firm and scanned copy in ANNEXURE.
- 6) Scanned self-attested copies of all the work orders if any issued for similar work by the Government of Maharashtra Public Sector Undertakings or Government Organizations/ Companies of the Government of Maharashtra or as per Qualification requirement.
- 7) Scanned Copy of duly signed RFP offer indicated both in figures and words, to be submitted separately as a Price Bid (online)
- 8) Signed and scanned copy of all pages of RFP bid documents.
- 9) The Main RFP forms are available on the e-Tendering website of Govt. of <https://mahatenders.gov.in/> The aspiring Bidders will have to download Main RFP Booklet from the website mentioned above. While submitting the duly filled Main RFP Documents the Bidders are required to Deposit e-RFP Fee Rs.5,000/- (Rs. Five thousand + 18% GST) through "E- Payment Gateway" and E.M.D. Rs. 50000/- (Rs. Fifty Thousand only) payable through "E- Payment Gateway" available on the above-mentioned website. **Bid processing fee in Bank of Maharashtra account.**
- 10) Scanned copies of ANNEXURES (Duly Signed and Affixed with Firm Seal).
- 11) Relevant Supporting documents issued by the Competent Authority must be uploaded for all information given the in prescribed proforma.

3.9 CLARIFICATIONS:

The clarification (s), if any, may please be sought separately from either Chief General Manager (RESCOII), or CGM (IT) **MAHAPREIT, MUMBAI.** /, cgm.re1@mahapreit.in

3.10 INSTRUCTIONS TO BE CONSIDERD WHILE QUOTING e-RFP OFFER

3.10.1 The Bidder should submit the offer with respect to Qualifying Requirement as mentioned in bid documents. After selection of bidders for **Selection Consultant for to carry out pre-feasibility surveys and to prepare a Bankable Techno-Commercial Assessment for BMC's Solar projects. The scope of work includes investor outreach for a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra** Agreement will be signed with each successful Bidders. A common set of conditions issued/ additional stipulations made by the MAHAPREIT which will be available at the e-tendering portal from time to time.

3.10.2 GOODS AND SERVICE TAX:

The RFP rates are inclusive of all taxes, except Goods and Service Tax payable on the value of the contract as applicable from time to time, however, the Fee and Taxes shall be shown separately.

3.10.3 CONDITIONAL OFFER:

Conditional offers will be summarily rejected. The RFPs which do not fulfil any of the conditions of the notified requirements laid down in this detailed RFP notice, the general rules and directions for the guidance of the Bidders as mentioned in the RFP form or are incomplete in any respect are likely to be rejected without assigning reasons therefor.

3.10.4 VALIDITY FOR 120 DAYS:

The offer shall remain valid for a period of 120 (One Hundred Twenty) days from the

Date of the opening price quotes unless extended and there after until it is withdrawn by notice in writing by the Bidder. If the acceptance offer is not communicated within 120 days and if the offer is withdrawn by the contractor earnest money shall be refunded in full.

3.11 OPENING OF RFP AND EVALUATION

On the Date specified in the time schedule tender opening authority will open the RFP. Following procedure will be adopted for opening of the RFP.

- 3.11.1 The Competent Authority will open all the Bids received (except those received late), including modifications made pursuant to Para 3. (REVISION OR AMENDMENT OF RFP DOCUMENTS) & 13 (**Clarification of Bids**) in the presence of the Bidders or their representatives who choose to **attend the opening as per the scheduled for Technical Bid and the specified place at MAHAPREIT, MUMBAI.**
- 3.11.2 In the event of the specified Date of Bid opening being declared a holiday for the Competent Authority, the Bids will be opened at the appointed time and transaction on the next working day.
- 3.11.3 The Bidders' names, the Bid Amount, the total amount of each Bid and of any alternative Bid (if alternatives have been requested or permitted), Bid modifications and withdrawals, and such other details as the Competent Authority may consider appropriate, will be announced by the Competent Authority at the opening.
- 3.11.4 The Competent Authority shall prepare minutes of the Bid opening, including the information disclosed to those present.

3.12 Process to Be Confidential

Information relating to the examination, clarification, evaluation, and comparison of submitted Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any effort by a Bidder to influence the Employer's processing of Bids or award decisions may result in the rejection of his Bid.

3.13 Clarification of Bids

3.13.1 To assist in the examination, evaluation, and comparison of Bids, the Competent Authority may, at his discretion, ask any Bidder for clarification of the submitted Bid, including breakdowns of the unit rates. The request for clarification and the response shall be in writing, but no change in the price or substance of the Bid shall be sought, offered, or permitted.

3.13.2 No Bidder shall contact the Employer on any matter relating to its bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Employer, it should do so in writing.

3.13.3 Any effort by the Bidder to influence the Competent Authority in the Competent Authority's bid evaluation, bid comparison or contract award decisions may result in the rejection of the Bidders 'Bid.

3.14 ACCEPTANCE OF OFFER:

After the Selection of Consultant for feasibility surveys and to prepare a Bankable Techno-Commercial Assessment for BMC's Solar projects, work will be assigned as per the price quote evaluations, before acceptance, the successful Bidder will be called for Justification/negotiation by appropriate officers of MAHAPREIT. After such negotiations, the acceptance of an offer may be intimated to the successful bidder by email. Such intimation shall be deemed to be an intimation of acceptance of offer Bidder whose offer is accepted will have to complete the acceptance of work order etc., formalities within 15 days from the Date of intimation. In the event of failure of the Bidder to sign the agreement within the stipulated time, the **security money**, paid by Bidder shall be liable to be forfeited. The acceptance of the offer shall also be liable to be considered as withdrawn. In that event, the work will be awarded to the next or any other bidder to whom the MAHAPREIT considers suitable. RFP Acceptance Authority reserves the right to reject any or all offers in full or part without assigning any reasons.

3.15 SIGNING OF AGREEMENT:

Successful Bidder will have to sign the Agreement with MAHAPREIT. The documents

/information submitted by the contractor during Offer Evaluation related to negotiations shall also form a part of Agreement for Work order.

3.16 FORFEITURE OF E.M.D. AND CANCELLATION OF LETTER OF ACCEPTANCE

Letter of acceptance given to successful Bidder shall stand cancelled and E.M.D will be forfeited in following events and under such circumstances RFP Acceptance Authority shall consider next lowest Bidder if he is found suitable and eligible.

3.16.1 Successful Bidder fails to give various undertakings and declarations given in the tender document.

3.16.2 Successful Bidder fails to sign the Contract/Empanel Agreement in PRESCRIBED PROFORMA.

3.16.3 Submitting wrong information/documents.

3.16.4 MAHAPREIT reserve the rights regarding EMD Refund and Forfeiture of EMD.

3.17 OTHER GENERAL INSTRUCTIONS:

3.17.1 Completed documents can be submitted on the on the following Web address:
<https://mahatenders.gov.in/>

3.17.2 Incomplete Schedules /Forms and without necessary details and enclosures are liable to be rejected.

3.17.3 The language for submission of document shall be English.

3.17.4 The enclosed Annexure shall be filled in completely and wherever no applicable it should be written as Not Applicable.

3.17.5 The person signing the document submission on behalf of the Applicant shall enclose Power of Attorney duly authorized and notarized for the same.

3.17.6 Financial data should be given in Indian Rupees only.

3.17.7 In case the Applicant intends to give additional information for which specified space in the given format is not sufficient; it can be furnished in an enclosed sheet.

3.17.8 All the pages of this document and Annexure should be signed and corrections should be counter-signed by the authorized signatory. No over writing is permitted.

3.17.9 MAHAPREIT reserves the right to cross-check and confirm the information details furnished by the applicants in the document by making suitable communication with the concern authorities.

3.17.10 MAHAPREIT reserves the right to annul the Tender Document process, or to accept or reject any or all the proposals in whole or part at any time without assigning any reasons and without incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for such decision.

3.17.11 The document in complete in any respect or without supporting documents will be treated as non-responsive and is liable for rejection.

3.18 PENALTY CLAUSE:

If the contractual services are not completed and compliance report is not submitted on or before every month from the Date of work order, then fine up to maximum 10% of the contract value shall be deducted from the fees payable against the bill.

Further an amount maximum up to 10% of the contract/work order value shall be considered as maximum penalty for breach of Agreement conditions or unsatisfactory performance and/ or delay in adhering to the prescribed timelines to achieve the milestones prescribed for completion of Scope of Work.

3.19 FINAL DECISION-MAKING AUTHORITY:

The Competent Authority of **MAHAPREIT** reserves the right to accept or reject any or all the offers in part or full for this RFP without assigning any reasons thereof and his decision will be final.

3.20 AMENDMENT OF TENDER DOCUMENTS:

3.20.1 At any time prior to the deadline for submission of tenders, MAHAPREIT for any reason whether at their own initiative or in response to a clarification required by any prospective Bidders may modify the Tender Documents.

3.20.2 The amendment shall be part of the Tender Documents and will be notified by publication in the MAHAPREIT and will be binding on the prospective Bidders.

3.20.3 All the intending Bidders are advised to keep close watch on the website of MAHAPREIT in their own interest.

3.21 GENERAL TERM AND TERMINATION

This Agreement shall become effective upon signing and shall terminate upon breach of the agreement/work orders.

In case any information mentioned in the body of the agreement and in the attached ANNEXURES is misleading and/or incorrect, this agreement will be terminated immediately. Party sharing the misleading/misinformation will be accountable to pay all damages occurred to the other Party as the result of mislead and/or misinformation. Any breach of terms and conditions on the part of Contractor shall be liable for termination of this contract by MAHAPREIT by serving notice of 30 days and in such case the contract shall stand terminated on the expiry of the said notice period.

3.22 FORCE MAJEURE

No Party to this Agreement is responsible to any other Party hereto for non- performance or delay in performance of the terms and conditions hereof due to acts of Nature, acts of governments, riots, wars, strikes, fires, floods, explosions, pandemics, quarantine periods, court orders or similar causes beyond the control of the affected Party.

SECTION – IV

SCOPE OF WORK RELATED SPECIFIC INFORMATION

Consultancy Services – Scope of Work and Evaluation Criteria

4. SCOPE OF WORK

BACKGROUND

I. Mahatma Phule Renewable Energy and Infrastructure Technology Ltd (MAHAPREIT) - MAHAPREIT was set up in April 2021 to venture into RE and Green technology areas and infrastructure projects as fully owned subsidiary of MPBCDC and the Govt. of Maharashtra has allowed to take up RE and Green energy, Infrastructure projects on Govt. to Govt. basis (G2G basis) vide GR dated 10th July 2023. Government of Maharashtra has set up the "Mahatma Phule Backward Classes Development Corporation on July 10, 1978 under the Companies Act, 1956, with the main objective of accelerating the economic upliftment of the economically weaker families of SC communities in the State of Maharashtra. The ratio of shareholding between State and Central Government is 51:49 % respectively having authorized share capital of Rs. 1000 Crore.

II. MAHAPREIT having objectives to establish and carry-on business of Generating, Trading, Operating, Leasing and Renting Renewable Power Projects, mainly but not limited to Solar Power Projects including Solar Parks along with sub-stations and transmission lines on ownership and/or build, own and transfer basis. Further objects are to establish and/or carry on business in relation to Decarbonization and energy efficiency, battery storage solutions, alternative fuel cell technology and climate change issues in accordance with Ministry of New and Renewable Energy (MNRE) schemes/policies or Ministry of Power or any such department of Govt of India (GoI) and its PSU/companies and Govt. of Maharashtra (GoM) Energy dept's Renewable Energy Policy as amended from time to time and all incidental and allied activities required for such business.

III. NAVYUG SCHEME

MAHAPREIT implements "NAVYUG SCHEME" to get the integrated, inclusive and comprehensive effects of all the input supports of MAHAPREIT company to the target beneficiaries of MPBCDC Limited as defined from time to time by Govt of Maharashtra. MAHAPREIT undertakes such projects under different verticals like –

1. Renewable Energy with Solar Power, hybrid and RE centric Projects,

2. ESCO model Energy saving Scheme for ULB & Govt Of Maharashtra agencies.
3. Agro Processing Value Chain and Biofuels,
4. Affordable Housing, ARHS and schemes under MoUHA, Gol under EWS and PMAY,
5. Highway and Infrastructure Projects,
6. Environment and Climate Change,
7. New and Emerging Technology Projects especially in Green Hydrogen, Futuristic Energy Integration Projects,
8. Software Technology and Application-Based Services and CSR Projects.

This RFP is for the *Selection of* consultant to carry out pre-feasibility surveys and to prepare a Bankable Techno-Commercial Assessment for BMC's Floating Solar projects. The scope of work includes investor outreach for a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra

A. OBJECTIVES

Objective A: Bankable Techno-Commercial Assessment (BTCA): For the shortlisted reservoirs at Tansa and Modak Sagar owned and operated by BMC, deliver array layouts, anchoring, mooring concepts, grid evacuation options (incl. all suitable evacuation infrastructure to nearest substation), baseline E&S screening, and first-cut techno-economics (CAPEX/ OPEX, P50/P90 yield, LCOE ranges, financial covenants), risk matrix to inform decision-making and permitting.

Objective B: Investor Outreach (as agreed with BMC): Prepare an investor-ready pitch deck and facilitate a focused round-table/ roadshow to seed market interest in BMC's FSPV pipeline and support subsequent procurement steps.

B. Submission of proposal:

- 4.1. The bidder shall submit the Proposal in IN HARD BOUND FORM with all pages numbered serially and by giving an index of submissions. Each

page of the submission shall be initialed by the Authorized Representative of the Applicant as per the terms of the RFP.

- 4.2. The Proposal will be sealed in an outer envelope which will bear the address of MAHAPREIT Authority, and the name and address of the Agency. It shall bear on top, the following: "Do not open, except in presence of the Authorized Person of the Authority" If the envelope is not sealed and marked as instructed above, the Authority assumes no responsibility for the misplacement or premature opening of the contents of the Proposal submitted and consequent losses, if any, suffered by the Applicant.
- 4.3. The completed Proposal must be delivered on or before the specified time on Proposal Due Date. Proposals submitted by fax, telegram or e-mail shall not be entertained.

C. PROPOSED ACTIVITIES AND SCOPE OF WORK

4.4. PROPOSED ACTIVITIES FOR THE OVERALL PROJECT

Under this Request for Proposals, MAHAPREIT is seeking to engage a competent consulting firm (hereinafter referred to as 'Consultant') to support BMC's floating solar (FSPV) pipeline from opportunity identification to procurement readiness through statewide scoping, pilot-site techno-commercial assessments, and investor outreach.

Activities, deliverables, and timelines are detailed in the Scope of Work section.

4.5. SCOPE OF WORK

The Consultant shall be responsible for the following activities in close coordination with MAHAPREIT and relevant government stakeholders:

Inception (Weeks 1–4)

- Submit Inception Report: methodology, tools/workflows (GIS, PVsyst, AHP), team & roles, schedule (Gantt), data needs, and risk register.
- Confirm interfaces with Environmental & Social (E&S) scoping and downstream ESIA so technical layouts respect exclusions (critical habitats, livelihood zones, cultural heritage).

Bankable Techno-Commercial Assessment (two reservoirs, minimum 50 MW each)

- a. Collection & analysis of \geq 20-year historical data where available: Potential PV area as 10% of MDDL envelope baseline (adjustable for exclusions); delineate FRL/MDDL via Landsat/GIS; compute capacity density and scalability bands, MWL/FRL/MDDL; inflow/outflow; velocities; surface-area vs. level curves; sedimentation; geo-seismic context; dam safety status.
- b. Primary site studies (walk-downs/rapid surveys): indicative depths, obstructions, shoreline conditions; sub-reservoir-bed strata (for understanding any obstructions lying on and below the reservoir-bed for anchoring and mooring); soil and water properties; photo-documentation of on-shore and cross-water structures.
- c. Hydro-morphodynamics & anchoring: water-level variation bands; indicative depths; bathymetry cues; anchoring/mooring complexity thresholds.
- d. Evacuation & grid readiness: distance/ROW to nearest substation; voltage & bay availability; forest corridor class; route constructability; staging substation readiness.
- e. Generation potential: harmonized PVsyst inputs (albedo, soiling, IAM, losses) and P50/P90 benchmarks per site.
- f. Wind/wave/hazards: IS:875 wind zones; fetch-based wave estimates; flood & seismic overlays; define wave-breaker triggers (>1 m).
- g. Accessibility & logistics: road/rail access, launch/assembly areas, heavy-haul feasibility.
- h. Asset age/constraints: reservoir age, operating rules; interfaces with irrigation/hydropower assets.
- i. Baseline E&S screening and stakeholder note with gender-disaggregated participation records.
- j. Concept layouts: preliminary array layouts; anchoring & mooring concepts; 33 kV collector cabling and shore landing; evacuation route(s) to nearest viable substation (alternatives & constructability).
- k. Techno-economics: first-cut CAPEX/OPEX with local factors; tariff/LCOE range using P50/P90 yields; sensitivity on key variables; regulatory/legal notes; feasible business models and risk allocation.
- l. Identification of Risk and Possible Risk Mitigation measures
- m. The detail scope of work of various study, survey, report to be prepared by consultant is enclosed as **Schedule 1. Notwithstanding the comprehensive scope of work defined herein, the Contractor shall visit the project site(s)**

and independently assess all surveys, investigations, studies, and reports required for the successful execution of the Project.

Outputs: BTCA Report (Draft & Final) per reservoir; PVsyst files, layout drawings, assumptions for BoQ, risk register update, and next-step recommendations.

Investor Outreach

- a. Prepare investor-ready deck and a focused round-table/roadshow brief; compile contact list of developers and financiers active in FSPV.

4.6. DELIVERABLES AND PAYMENT SCHEDULE AND REPORTING ARRANGEMENTS

This assignment is expected to be completed in 45 days with the expected deliverables and a tentative timetable as follows:

Deliverables*	Description	Timeline	Payment Schedule (%)
Inception Report	Methodology, tools, team, schedule, data plan, E&S interface, risks	Week 1	10%
Draft BTCA – 2 sites	Baselines, layouts, anchoring/mooring concept, PVsyst P50, grid options, CAPEX/ OPEX/ LCOE, risks	Week4	40%
Final BTCA + Handover	Final reports, model packs, drawings, risk & next-steps plan; presentation to MAHAPREIT/BMC	Week6	25%
Investor Outreach	Investor deck; curated list; one round-table session and follow-ups	Week6	10%

**All deliverables shall be submitted in appropriate Microsoft Office formats (Excel, Word, and PowerPoint), and where applicable, through appropriate software templates, online platforms or interactive dashboards, as specified or requested by the MAHAPREIT based on nature of output.*

Consultant will report directly to the ED (RESCO) MAHAPREIT/ Nodal Agency. All reports shall be submitted both in hard and digital form.

The above Scope of works is indicative but not exhaustive, other relevant

activity/works which are not mentioned here but require to complete or implementation of these projects shall be equally applicable All assignment works/issues as directed by MAHAPREIT management time to time.

D. SUGGESTED METHODOLOGY

The Consultant shall adopt a robust methodology with the following elements:

- Transparent, reproducible workflows; provide calculation notebooks, PVsyst files, GIS geodatabases (GPKG/SHP), and metadata.
- AHP documentation: criteria tree, pairwise matrix, eigen-vectors, Consistency Ratio (CR) and sensitivity runs.
- PVsyst: disclose key inputs; report P50/P90 yields and standard loss breakdowns.
- Wind/Wave: cite IS:875 wind zone; fetch length & effective wind; wave-height criteria; define when wave-breakers are triggered (>1 m).
- E&S: summarize potential impacts, avoidance hierarchy, and data gaps for ESIA.
- Consultations: attendance sheets must be gender-disaggregated (women/men/other).
- QA/QC: internal peer review checklist prior to each deliverable submission.

4.7. QUALIFICATION REQUIREMENTS OF THE BIDDER

4.7.1. The bidder shall be a company incorporated in India under the Companies Act, 1956/2013/A Limited Liability Partnership (LLP)/A partnership firm/ A consortium (maximum 2 members), with one member designated as Lead Member must be in operation for **at least 7 years** as on the bid submission date.

4.7.2. For selection of Consultant for **100 MW Floating Solar Projects at BMC's Tansa and Modak Sagar Lakes, Thane District, Maharashtra**, the bidder shall have prior experience in providing **consultancy services for grid-connected Floating Solar PV power projects** with a **minimum cumulative capacity of 25 MW**, which shall include **at least one Floating Solar project of not less than 10 MW capacity**.

Such experience shall have been **executed during the last five financial years**, including **FY 2025–26 and up to the last date of bid submission**, and shall cover activities such as **feasibility studies**,

DPR preparation, technical due diligence, design review, construction monitoring, or performance evaluation, for Government, Semi-Government, PSU, or Private sector clients.

4.7.3. The bidder shall have the Average annual turnover of any three years of FY 2022-23, FY 23-24, and FY 24-25 shall be Rs. **5.00 Crs.** with **Positive Net-worth**.

For consortiums:

- Lead member must meet at least **50%** of turnover requirement
- Combined turnover of consortium members shall meet **100%** of the requirement

4.7.4. The bidder's technical team as follows

Sr. No.	Key Expert	Minimum Qualification	Minimum Experience & Specific Expertise
1	Team Leader / Project Manager / FSPV Lead (1 No.)	B.E. / B.Tech (Electrical / Civil / Mechanical)	Minimum 10 years of experience in utility-scale Solar PV / Renewable Energy Projects , including at least 3 years in Floating Solar PV (FSPV) projects covering anchoring & mooring systems . Experience in AHP-based site selection / planning shall be preferred.
2	Hydrology / Bathymetry Specialist (1 No.)	B.E./B.Tech / M.Tech in Civil / Water Resources / Environmental Engineering	Minimum 5 years of experience in reservoir hydrology, water-level analytics, and sedimentation / bathymetry data interpretation for dams, lakes, or reservoirs.
3	Mooring / Structural Engineer (1 No.)	B.E. Civil / Mechanical / Naval Architecture	Minimum 5 years of experience in floating or offshore structures, including anchoring & mooring design, IS:875 wind assessment, fetch & wave estimation, and wave-protection concept design .
4	Electrical & Interconnection Engineer (1 No.)	B.E. / B.Tech (Electrical)	Minimum 8 years of experience in sub-transmission systems, power evacuation planning, including routing, ROW, forest clearances, and substation bay planning for solar projects.
5	GIS / Remote Sensing Analyst (1 No.)	Graduate / Post-Graduate in GIS / Geomatics / Remote Sensing	Minimum 5 years of experience in Landsat / Sentinel time-series analysis, FRL / MDDL delineation, constraint mapping, and geospatial data packaging for infrastructure projects.

6	Environmental & Social (E&S) Specialist (1 No.)	Post-Graduate in Environmental / Social Sciences	Minimum 7 years of experience in environmental & social screening , familiarity with IFC Performance Standards (PS-1, PS-5, PS-6, PS-7) , and gender-disaggregated stakeholder engagement .
7	Financial Analyst (1 No.)	MBA (Finance) / CA / CFA	Minimum 7 years of experience in renewable energy financial modelling, LCOE analysis, scenario & sensitivity analysis, and procurement / tariff models for solar projects.
Total -7 Nos			

4.7.5. Other Mandatory Conditions for the bidder.

- The bidder should not be blacklisted by any Central/State Government entity or PSU
- No conflict of interest with BMC or related agencies
- Compliance with all applicable laws in India.

4.7.6. EVALUATION CRITERIA AND METHOD

Two Part Bid based evaluation will be undertaken in selection of the Consultant. The Technical Component will be opened at one opening event, soon after the submission date, be listed in an opening protocol, submitted to, and thereafter be evaluated by the Procurement Committee, without unnecessary delay. The Procurement Committee, which has been appointed in accordance with guidelines and process of MAHAPREIT, will first perform a Technical Evaluation. The bids that have passed the Technical Evaluation will thereafter be subject to a Financial Evaluation, which includes a calculation of the total scoring for both the Technical and the Financial Evaluation, in accordance with the formula presented below. The Financial Component will not be opened until after the Technical Evaluation is finalized, and then by a corresponding procedure.

Selection will be based on the following process. The total possible score for the technical component is maximum 100 points. 70% of the score received in the technical evaluation will be added to the obtained financial score, which is maximum 30 points, and calculated as described below:

4.7.7. Bid Evaluation Criteria:

4.7.8. EVALUATION OF TECHNICAL COMPONENT

A Proposal will be rejected at this stage if it fails to respond to important aspects of the Terms of Reference or to achieve a minimum technical score of 70. The detailed technical evaluation criteria and possible scores for each are as follows:

Major Criteria	Details and Sub-criteria	Maximum Score
1) Firm Qualifications	<p>The Consultant (or JV/Consortium) demonstrates strong, relevant experience in floating solar PV (FSPV), reservoir analytics, and grid interconnection within India or comparable contexts.</p> <ul style="list-style-type: none"> ▪ 10+ years in advisory/ consulting/ research in renewable energy; 5+ years specifically in utility-scale PV; demonstrated FSPV delivery – (Max Marks- 10) ▪ ≥ 3 projects in utility-scale PV/ FSPV/ site screening/ feasibility at national/ state utility or PSU level; at least 2 involving water bodies/ reservoirs (50+ MW) or complex siting. (Max Marks- 5) ▪ Experience with GIS/remote sensing (Landsat/ Sentinel), FRL/ MDDL/ Minimum water level delineation, AHP or equivalent multi-criteria screening at state scale. - (Max Marks- 4) ▪ Experience in grid evacuation/ interconnection studies (e.g., 33 kV collection to nearest substation), route constructability, and permitting interfaces (ROW/ forest) - (Max Marks- 4) ▪ Prior work with state utilities/ departments (e.g., transmission, water resources/ irrigation) and stakeholder consultation. (Max Marks- 4) • Quality systems (QA/ QC), data management (GIS geodatabases/ PVsyst packs), and IP/ confidentiality controls.- (Max Marks- 3) 	30
Methodology & Workplan	<ul style="list-style-type: none"> • Clarity, robustness, and practicality of the proposed approach and schedule. • Statewide scoping of BMC Reservoirs: criteria tree, AHP/ pairwise weighting, data sources, handling of 	40

Major Criteria	Details and Sub-criteria	Maximum Score
	<p>constraints (environmental/ social/ logistics), and transparency (consistency ratio, sensitivity).</p> <ul style="list-style-type: none"> • BTCA for 2 sites: PVsyst assumptions (losses, P50), concept array layouts, anchoring & mooring approach, 33 kV collection/ evacuation options, constructability; baseline E&S screening; risk register. • Investor outreach: structure of pitch deck, market sounding plan, round-table/ roadshow design, and capture of investor feedback. • Project management: Gantt with milestones (M1/ M4/ M6/ M10/ M12), roles, coordination protocol with MAHAPREIT/ other contractors; risk mitigation and sustainability of methods (reproducible GIS, metadata). • Innovation/ adaptability: handling minor reservoirs, data gaps, wave/ fetch estimation (IS:875), automated mapping scripts, and replicability. <p>(Note- The presentation by bidder is expected for allocation of 40 marks. The tender committee will decide the allocation of marks as per performance of bidder during presentation)</p>	
Team Composition and Qualifications	<p>Depth and suitability of key experts for the scope (do not submit non-key CVs at this stage).</p> <ul style="list-style-type: none"> • Project Manager / FSPV Lead: 10+ yrs utility-scale PV; 3+ yrs FSPV incl. anchoring/ mooring; AHP experience. • Hydrology/ Bathymetry Specialist: 5+ yrs reservoir hydrology; water-level analytics; sedimentation/ bathymetry interpretation. • Mooring/ Structural Engineer: 5+ yrs floating/ offshore structures; IS:875 wind; fetch/ wave estimation; mooring & wave-protection concept design. 	30

Major Criteria	Details and Sub-criteria	Maximum Score
	<ul style="list-style-type: none"> • Electrical/ Interconnection Engineer: 8+ yrs sub-transmission/evacuation; routing/ ROW/ forest clearances; substation bay planning. • GIS/ Remote Sensing Analyst: 5+ yrs Landsat/ Sentinel time-series; FRL/ MDDL delineation; constraints mapping; geodata packaging. • E&S Specialist (with Gender expertise): 7+ yrs rapid screening; IFC PS1/ 5/ 6/ 7 familiarity; gender-disaggregated engagement. • Financial Analyst: 7+ yrs RE financial modelling; LCOE; scenario/sensitivity; procurement models. • Coverage of education/certifications and time commitments aligned to milestones. <p>(Note- Out of total 30 Marks, Maximum 4 marks will be allocated for experts in each field with 2 marks for additional relevant qualifications)</p>	
	Total Possible Technical Score	100

4.7.9. EVALUATION OF FINANCIAL COMPONENT

The maximum score for the financial component is 30 points. The maximum score shall be allocated to the lowest priced Proposal. All other Proposals shall receive points in inverse proportion according to the following formula:

$$p = y * (x / z)$$

where:

p = points for the financial Proposal being evaluated.

y = maximum number of points for the financial Proposal.

x = price of the lowest priced Proposal.

z = price of the Proposal being evaluated.

4.7.10. EVALUATION OF TECHNICAL AND FINANCIAL COMPONENTS FOR

TOTAL SCORING

The score for the technical component is added to the score for the financial component to arrive at the total score for a Proposal. The Proposal with the overall highest score after this is the best Proposal. The other Proposals will be ranked in descending numerical order based on the total score.

The **combined score (S)** of each bidder shall be computed as follows:

$$S = (T \times W_t) + (P \times W_f) \quad S = (T \times W_t) + (P \times W_f)$$

Where:

S = Combined score of the bidder

T = Technical score obtained by the bidder

P = Financial score obtained by the bidder

W_t = Weightage assigned to Technical Proposal –70%

W_f = Weightage assigned to Financial Proposal- 30%

4.7.11. Evaluation Method is based on Lowest financially quoted bid as follows:

- i) The L1 selection method is a price-based tender evaluation approach where the contract is awarded to the bidder who quotes the Lowest Price (L1) among all technically qualified bidders.
- ii) The award will be made strictly at the highest score computed for each bidder. The L1 bidder will be selected.
- iii) In the event that the L1 bidder refuses or fails to accept the Letter of Acceptance (LOA) within the stipulated time, the L2 bidder shall be considered and may be offered the LOA, subject to the L2 bidder matching the L1 quoted rate, the same process shall be extended to L3, L4..... son on in case of such situation sequentially.
- iv) Based on qualification requirements technical score will be calculated as per the marking system shown in Clause -4.7.8 (**Technical Bid Evaluation criteria**) of bid document. Each bidder must submit the presentation and present the works/credentials before the MAHAPREIT team.
- v) The financial bid of the bidder scoring 70 Marks and above marks will be opened.
- vi) The experience of the Bidder shall be considered only for the project where Contracts Completion Certificates & work orders has been issued. This is to be evidenced by enclosing both documents. In case of ongoing project at least 80% completion of project certificate and payment/invoices evidence from C.A. to be submitted with undertaking. In such case 80% proportion capacity will be considered for technical evaluation.
 - a) A copy of Letter of Award / Contract Agreement issued to the bidder towards providing services to the Procurer / Utility / Sponsoring Authority/CV/Experience certificate of Staff, Experts etc.

b) A copy of letter issued by Procurer / Utility / Sponsoring Authority / Certificate of Completion or any other document for evidencing completion of assignment. Relevant documents regarding availability of resources, No. of staffs, office infrastructure duly signed.

4.7.12. DOCUMENTS COMPRISING THE BID:

- a) The Technical Bid, the Price Bid and the Physical Support Documents.
- b) Latest revision of Bid Specification published by the MAHAPREIT.
- c) Documentary evidence in accordance with Qualifying Requirement
- d) Bid security (EMD).
- e) Bid processing Fee payment receipt.
- f) All Annexures.

4.7.13. OPENING OF BIDS

- a. The Technical Bid opening will be at the specified time.

The evaluation committee would first check the payment of EMD and bid processing fee. Any mismatch between the scanned copy of EMD/Bid processing fee instruments and the physical instrument would be considered as the basis for rejection of the Bid.

- b. The evaluation committee will then refer the submitted documents for a detailed scrutiny.
- c. Based on the scores obtained in the technical evaluation, financial criteria, and financial evaluation method, the bidder quoting the L1 price shall be declared the successful bidder for the Project Management Consultancy Services.
- d. However, depending of work progress and MAHAPREIT reserve right to appoint more than one agencies.

4.7.14. POST BIDDING CORRESPONDENCE:

The bidder should note that no correspondence shall be entertained or considered after the due Date and time of submission of bids unless otherwise sought by MAHAPREIT.

4.7.15. Acceptance of Bids

MAHAPREIT reserves the right to place order to bidder at the rate of H1 bidder which is decided after final negotiations as per clause **section iii, 3.14 Acceptance of offer** MAHAPREIT reserves the right to accept/reject any bid in part or in full or all the bids without assigning any reasons thereof.

4.7.16. NOTIFICATION OF AWARD OF CONTRACT:

The notification of award of the contract shall be communicated to the successful bidder by Letter of Intent (LoI)/Letter of Award (LOA) by e-mail/ Registered Post/Air mail or hand delivery or Fax or Courier as the purchaser deems fit. In case of issuance of LOA by fax the same shall be followed by letter of confirmation by e-mail/ Registered Post/ Air Mail. The contract shall be considered as having come into force from the Date of issue of Letter of Award by the MAHAPREIT. This Date will be called as the effective Date of contract.

4.7.17. SIGNING OF AGREEMENT/ CONTRACT:

4.7.18. The successful Bidder shall have to furnish acceptance of the Letter of Award within 10 calendar days from the Date of issue of Letter of Award. The successful bidder shall have to sign a formal Agreement with the MAHAPREIT within 15 calendar days from the Date of issue of Letter of Award. Under certain circumstances, MAHAPREIT may give extension of time for signing of contract.

4.7.19. All charges for preparing the contract documents including legal fee, stamp fee etc. shall be borne by the successful bidder.

4.7.20. If the successful Bidder fails to sign contract, the same shall constitute sufficient ground for the annulment of the award of consultancy work and also the forfeiture of the bid security.

4.7.21. PERFORMANCE GUARANTEE:

The bidder shall be required to submit a contract Performance Bank Guarantee (PBG) of 5% of contract value in the form of a Demand Draft from Indian Nationalized Bank in favour of **“Mahatma Phule Renewable Energy and Infrastructure Technology Limited” payable at Mumbai.** The proceeds of the performance guarantee shall be payable to the MAHAPREIT as compensation for any loss resulting from the Bidder’s failure to complete his obligations under the contract. The performance guarantee shall be returned within a period of 90 days after successful completion of Bidder’s obligations under the contract.

SECTION – V
OTHER INSTRUCTION TO BIDDER

5.0 OTHER INSTRUCTION TO BIDDER

5.1. TIME SCHEDULE

MAHAPREIT will issue the work note for assigned project to Successful L1 Bidders mentioning the timeline or period of work completion. Any delay in completing assigned work will attract a penalty as mentioned in Bid document.

5.2. ESTIMATED QUANTUM OF CONSULTANCY OF DISTRIBUTED SOLAR PLANT.

Total quantum of project consultancy of distributed solar plant is estimated and may vary as directed by the Competent Authority.

a. Location: a total capacity of 100 MW Floating Solar Project at Tansa and Modak Sagar Lakes in Thane District, Maharashtra

5.3. DEVIATIONS

No deviations will be accepted. Bid with any technical or financial deviation shall be summarily rejected.

5.4. TERMS OF PAYMENTS

The Project wise payment shall be released as per the milestones mentioned below.

Deliverables*	Description	Timeline	Payment Schedule (%)
Inception Report	Methodology, tools, team, schedule, data plan, E&S interface, risks	Week 1	10%
Draft BTCA – 2 sites	Baselines, layouts, anchoring/mooring concept, PVsyst P50, grid options, CAPEX/ OPEX/ LCOE, risks	Week4	40%
Final BTCA + Handover	Final reports, model packs, drawings, risk & next-steps plan; presentation to MAHAPREIT/BMC	Week6	25%
Investor Outreach	Investor deck; curated list; one round-table session and follow-ups	Week6	10%

**All deliverables shall be submitted in appropriate Microsoft Office formats (Excel, Word, and PowerPoint), and where applicable, through appropriate software templates, online platforms or interactive dashboards, as specified or requested by the MAHAPREIT based*

on nature of output.

Bidder shall submit the bills/invoices in triplicate along with work completion certificate/documents from ED (RESCO)/Representative of MAHAPREIT for said Project. The payment shall be done after due clearances and approval within 30 days from the submission of Bills/invoices to MAHAPREIT. Delayed payment will not attract any interest.

5.5. DEVIATIONS

No deviations will be accepted. Bid with any technical or financial deviation shall be summarily rejected.

5.6. TERMS OF PAYMENTS

The Project wise payment shall be released as per the milestones mentioned below.

Deliverables*	Description	Timeline	Payment Schedule (%)
Inception Report	Methodology, tools, team, schedule, data plan, E&S interface, risks	Week 1	10%
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Final BTCA + Handover	Final reports, model packs, drawings, risk & next-steps plan; presentation to MAHAPREIT/BMC	Week6	25%
Investor Outreach	Investor deck; curated list; one round-table session and follow-ups	Week6	10%

The Bidder shall submit the bills/invoices in triplicate, along with the work completion certificate and relevant supporting documents duly certified by the Project Head, MAHAPREIT or the ED (RESCO) / Authorized Representative of MAHAPREIT for the BMC Floating Solar Project, to the Chief Finance Officer, MAHAPREIT. Payment shall be released after obtaining all due clearances and approvals, within thirty (30) days from the date of submission of complete bills/invoices to MAHAPREIT. No interest shall be payable on delayed payments

TAXES AND DUTIES

The Bidder shall be liable and responsible for payment of all Income Tax and all other taxes, which may be levied on the Compensation, or any other professional fees received from the MAHAPREIT under the terms of this tender and shall keep the MAHAPREIT harmless against any claim/liabilities and outgoing in this behalf.

5.7. INSURANCE

The Bidder shall be liable to take/maintain comprehensive insurance for their personnel associated with this job at their own cost. The details of the same shall be furnished to the MAHAPREIT.

5.8. RESPONSIBILITY AND OBLIGATIONS OF THE BIDDER

- i) The Bidder shall be required to render detailed services which are necessary for satisfactory completion of all the areas of the projects in totality.
- ii) The Bidder shall be fully responsible for operability, maintainability and reliability of services provided by him.
- iii) The Bidder shall be fully responsible for the collection of all data to enable him to provide services.
- iv) The MAHAPREIT reserves the right to review the work performed by the Bidder, ask for any clarifications and changes / modifications to the work performed by him. Such changes shall be mutually discussed and agreed between the MAHAPREIT and Bidder and the same shall be incorporated by the Bidder in his work without any cost liability to the MAHAPREIT and without any dilution of the responsibility of the Bidder.
- v) The Bidder shall himself be responsible to collect whatever needed information from the MAHAPREIT at the appropriate stage of his work, for considering the same for his further work / services and / or coordination.
- vi) The Bidder shall be responsible to pursue, expedite and ensure timely submission of all data and documents.
- vii) The Bidder acknowledges that all plans, design calculations, studies, data, maps, drawings, and specifications prepared by the Bidder in connection with the Project is property of the MAHAPREIT and the same shall be handed over to the MAHAPREIT as and

when requested by the MAHAPREIT or upon termination of the Agreement or upon completion of provision of the Services.

- viii) The Bidder shall not prepare article(s) or photograph(s) for publication or speeches about the Services without the prior written consent of MAHAPREIT.
- ix) The Bidder shall be the employer of all the personnel engaged directly or indirectly in rendering the Services under the Contract Agreement.
- x) This RFP does not and shall not be construed to create any employer-employee or principal- agent relationship between the MAHAPREIT and any employees, representatives and personnel engaged by the Bidder Firm in the performance of Services.
- xi) The Bidder shall be responsible for payment of all or any expenses including, without limitation, all amounts payable towards pension, annuity, or employment compensation, or any other payment to be made under the Applicable Indian Law and/or otherwise to the professionals, technicians or workmen employed and/or contracted in relation to the provision of Services under the Agreement.
- xii) The Bidder shall defend, hold harmless and indemnify the MAHAPREIT against all or any labour claims or other law suits or proceedings, including those arising out of any accident that occur during or in relation to the Services as may be filed against the MAHAPREIT for any reason whatsoever and irrespective of the time should have lapsed, assuming full responsibility for the payment of indemnification, penalties, attorneys" fees, legal costs and other charges, if any.
- xiii) The Bidder shall comply within a timely manner all the obligations under the Applicable Indian Law including the laws relating to workmen, technicians, contract-labour, contractors, and other personnel involved in the provision of the Services.
- xiv) The Bidder shall be acquainted with the all the statutory requirements, Indian Environment and Health and Safety laws as applicable for the project.
- xv) The Bidder shall make available all related information, data, design calculations, working sheets and copy of relevant standards & codes and shall transfer the relevant technical information of the project.

5.9. CONFIDENTIALITY

5.9.1. All plans, design calculations, studies, data, maps, drawings and specifications prepared by the Bidder in connection with the services to be provided by the consultancy Services under the Agreement shall be the property of the Owner. As and when required or upon termination of the contract, the aforesaid documents, prepared specifically for this project (including originals) shall be handed over to the MAHAPREIT.

5.9.2. The Bidder shall take all necessary steps to ensure confidential handling of all matters pertaining to plans, designs, drawings, specifications, method, and any other information developed or acquired by him from the MAHAPREIT under terms of the Contract.

5.10. PROGRESS REPORT

The Bidder shall submit Progress Report on the status of work entrusted to him periodically i.e., Bi-monthly as mentioned or as may be mutually agreed upon bringing out the details of works completed, works in hand, bottlenecks, if any, and efforts being made to improve upon the time schedule.

5.11. JURISDICTION OF THE CONTRACT

The laws applicable to this contract shall be the laws in force in India. The courts of Mumbai, India shall have exclusive jurisdiction in all matters arising under or on account of this Agreement.

5.12. WARRANTY AND LIABILITY OF THE BIDDER

5.12.1. Notwithstanding anything contained in this RFP, the Bidder agrees that they shall be liable for any defect/inadequacy/errors/inability/non-competency etc. in relation to the performance of the Services which are not in accordance to the Good Industry Practices or the provisions of this RFP. In such case, MAHAPREIT may penalize bidder to the extent limited to 10% of the contract value other than the L.D. and MAHAPREIT may also enforce the clause No.13 of this section in this regard.

5.12.2. The Bidder shall be further liable for the any consequence of errors and omissions

arising from the gross negligence on his part or on the part of his employees to the extent limited to 10% of the contract value.

5.13. INDEMNITY

5.13.1. The Parties hereto agree that the Bidder shall indemnify and defend the MAHAPREIT and its representatives and employees, and hold the Owner, its representatives, employees harmless from:

5.13.2. Damages and losses caused by its negligent or intentional act or omission, or any damages and losses caused by the negligent act of any third party or sub-contractor or agency engaged by Bidder.

5.13.3. Damages and losses resulting from non-compliance with the obligations established hereunder.

5.13.4. Any environmental damages caused by it and/or its representatives or employees or employees of any third party or sub-contractor or agency engaged by bidder Services.

5.13.5. Breach (either directly by it or through its representatives and/or employees) of any representation and warranty declared herein by it;

5.13.6. From all claims, actions, suits, proceedings, taxes, duties, levies, costs, expenses, damages and liabilities, including attorneys' fees, arising out of, connected with, or resulting from or arising in relation to this RFP due to neglect, omission or intentional act of PMC Services.

5.14. LIQUIDATED DAMAGES

5.14.1. For any delay attributable to the Bidder, beyond the scheduled Date of completion of various activities as per the agreed time schedule, liquidated damages shall become payable at 1/2% (one-half of one percent) per week of delay on the specific milestone activities under the part or work assignment. The total liability of the Bidder under this clause shall not exceed 10% (Ten percent) of the contract value.

5.14.2. The liquidated damages shall stand recoverable from progressive amount payable to the Bidder no sooner it becomes due in case any items of work have remained

incomplete beyond the schedule completion period irrespective of the fact on whose account such delay has taken place. This amount so recovered from the Bidder shall be reimbursed if, after completion of all works, it is satisfactorily demonstrated to the MAHAPREIT that such delay had occurred due to no fault of the Bidder.

5.14.3. Likewise, any amount due to the MAHAPREIT due to defect / inadequacy / errors etc. on the part of the Bidder shall stand recoverable from the progressive amount due to the Bidder.

5.15. DEFAULT of BIDDER: -

5.15.1. If the MAHAPREIT is of the opinion that the Bidder is not rendering the Services in accordance with the Good Industry Practices, due diligence or expedition or refuses or neglects to comply with any reasonable orders given to him in writing, the MAHAPREIT may give notice in writing to the Bidder to make good the failure, neglect, or contravention.

5.15.2. If the Bidder fails to make good the failure, neglect or contravention within 20 (twenty) days from the Date of serving such a notice, the MAHAPREIT may without prejudice to any other rights under this RFP, direct the Bidder not to render such Services and get such Services done by other agencies at the risk and cost of the Bidder. MAHAPREIT, in such event, shall be entitled to retain and apply any balance, which may otherwise be due to the Bidder for the payment of cost of executing the said part of the Services taken out of its scope of Services. If the cost of executing the said part of the Services or of completing the Services exceeds the balance due to the Bidder, the Bidder shall pay such excess. If bidder fails to pay such excess, same shall be recovered through encashment of the Advance & Performance Bank Guarantees submitted by the bidder.

5.16. FORCE MAJEURE

Force Majeure Event : The Parties hereto agree that a Force Majeure Event shall mean any unforeseeable act or event that prevents the affected Party from performing its obligations under this Agreement or complying with any conditions required by the other Party under this RFP and such act or even is beyond the reasonable control and not because of any fault of the affected Party and such Party has been unable to avoid

such an act or event by the exercise of prudent foresight and due diligence.

Without prejudice to the foregoing, the Parties hereto agree that the occurrence of any of the events shall also be deemed to be a Force Majeure Event:

- i) War and other hostilities whether war to be declared or not), invasion, act of foreign enemies, mobilization, requisition or embargo that directly impacts the provision of services by the Bidder under the Agreement.
- ii) Rebellion, revolution, insurrection, military or usurped power and civil war that directly impacts the provision of services by the Bidder under the Agreement.
- iii) Riot, civil commotion, terrorism, or disorder that directly impacts the provision of services by the Bidder under the Agreement.
- iv) Pestilence, epidemics, inclement weather causing floods or lightning or cyclone, typhoon, or earthquake and which directly impacts the provision of services by the Bidder under the Agreement.

The Parties hereto agree that the following events are explicitly excluded from and do not constitute a Force Majeure Event and is solely the responsibility of the affected Party.

- v) Strikes, collective bargaining agreements of either Party resulting in delay in the provision of Services or stoppage of work; or
- vi) Labour disputes of any kind; or
- vii) Economic hardship; or
- viii) Any act, event, or occurrence listed above or asserted as a Force Majeure Event that results materially from the negligence or intentional acts of the affected Party.

5.17. MUTUAL DISCUSSIONS

In the event of a dispute or difference of any kind whatsoever shall arise between the Parties in connection with or arising out of this Agreement or the breach, termination, or validity hereof, the Parties shall endeavor to resolve such dispute in good faith in the first instance within 30 (thirty) days of the notice of such a dispute by mutual

discussions between the Parties.

5.18. ARBITRATION

In the event of failure to resolve dispute/ differences related to Contract/Agreement and relating to interpretation of the clauses therein the parties are hereby agreed for its resolution / Adjudication etc. by referring it to the Institutional Arbitration established /recognized by the State Govt/Central Govt. and the dispute can be get resolved within the framework of the Arbitration Act 2015 and in terms of rules and regulations of such institutional arbitration such as Mumbai center of Arbitration etc.

5.19. TERMINATION OF CONTRACT/AGREEMENT

The MAHAPREIT may by giving not less than thirty (30) days written notice of termination to the Bidder, terminate this Agreement upon the occurrence of any of the events specified in paragraphs (a) through I below: -

- i) If the Bidder fails to remedy a failure in the performance of his obligations hereunder, as specified in a notice of suspension pursuant thereof, within thirty (30) days of receipt of such notice of suspension or within such further period as the MAHAPREIT may have subsequently approved in writing or
- ii) If the Bidder becomes insolvent or bankrupt or enter into any agreement with his creditors for relief of debt or take advantage of any law for the benefit of debtors or go in to liquidation or receivership whether compulsory or voluntary; or
- iii) If MAHAPREIT found that the bidder has provided the false & wrong information while bid submission; or
- iv) If the Bidder submits to the MAHAPREIT a statement which has an effect on the rights, obligations or interests of the MAHAPREIT and/or which the Bidder knows to be false; or
- v) If as the result of a Force Majeure Event, the Bidder is unable to perform the Services for a period of not less than sixty (60) days, or
- vi) If MAHAPREIT found any defect/inadequacy/errors/inability/non-competency etc. in

the Bidder in relation to the performance of the Services which are not in accordance to the Good Industry Practices or the provisions of this RFP, or

If the MAHAPREIT, in its own discretion and for any reason whatsoever, reserves its right to terminate this Agreement.

Schedule 1

Detailed Scope of Work, Studies & Reports For 100 Mw Floating Solar Project – Modak Sagar & Tanasa Lakes

1. Project Overview

Floating Solar Power Project of **100 MW (AC/DC as per design)** on **Tanasa and Modak Sagar**, owned by **Brihanmumbai Municipal Corporation (BMC)**, to be developed under **Design, Build, Finance, Operate & Transfer (DBFOT)** basis.

2. Pre-Feasibility Stage Studies

2.1 Pre-Feasibility Study

- Review of available lake/reservoir data (area, water spread, FRL/MWL/LWL)
- Review of BMC dam drawings and historical records
- Review of satellite imagery (seasonal variation)
- Preliminary capacity assessment (MW vs water spread)
- Initial layout concepts for floating arrays and mooring

Report:

- Pre-Feasibility Note

2.2 Topographic & Bathymetric Survey

(a) Topographic Survey (Peripheral & Onshore)

- Shoreline mapping of reservoir at FRL and LWL
- Survey of approach roads, staging areas, control rooms
- Existing electrical infrastructure mapping
- Benchmarks and GCP establishment

(b) Bathymetric Survey (Reservoir Bed)

- Depth profiling across proposed floating zones
- Reservoir bed slope analysis
- Identification of deep pockets and silted zones

Reports:

- Contour maps (1 m / 0.5 m interval)
- Bathymetry maps (GIS & CAD)
- Survey Report

3. Hydrological & Reservoir Studies

3.1 Hydrology Study

- Historical inflow/outflow data analysis
- Seasonal water level fluctuation
- Flood routing and spillway discharge impact
- Maximum drawdown assessment

3.2 Reservoir Operation Study

- Impact of floating solar on reservoir operations
- Water abstraction compatibility (drinking water priority)
- Impact on evaporation losses

Report:

- Hydrology & Reservoir Operation Report

4. Geotechnical & Foundation Studies

4.1 Geotechnical Investigation (Onshore)

- Boreholes near anchoring points
- Soil stratification and bearing capacity
- Pull-out resistance for anchors

4.2 Anchor & Mooring Soil Assessment (Reservoir Bed)

- Grab sampling / vibro-coring (where feasible)
- Soil classification for anchor design

Reports:

- Geotechnical Investigation Report
- Design parameters for anchoring & mooring

5. Floating Structure, Mooring & Hydraulic Studies

5.1 Floating Platform Study

- Selection of float technology (HDPE/FRP/Hybrid)
- Load calculations (dead, live, wind, wave)
- Float ageing and UV degradation assessment

5.2 Mooring & Anchoring Study

- Mooring layout (catenary / taut)
- Anchor type selection (deadweight, screw, pile)
- Extreme water level condition analysis

5.3 Wind, Wave & Fetch Analysis

- Wind data analysis (IMD / site-specific)
- Wave height estimation based on fetch
- Dynamic response of floating arrays

Reports:

- Floating System Design Basis Report
- Mooring & Anchoring Design Report

6. Solar Resource & Energy Yield Assessment

6.1 Solar Resource Assessment

- GHI/DNI data analysis (NIWE / Meteonorm / satellite)
- Long-term correction (P50 / P75 / P90)

6.2 Energy Yield Modelling

- Plant layout and shading analysis
- DC/AC sizing optimization
- Loss assessment (temperature, soiling, mismatch)

Reports:

- Solar Resource Assessment Report
- Energy Yield Assessment Report (Bankable)

7. Electrical System Studies

7.1 DC Side Engineering

- Module selection and string configuration
- Floating DC cable routing
- String combiner box placement

7.2 AC Side Engineering

- Inverter selection and floating/onshore placement
- Step-up transformers
- Pooling substation design

7.3 Evacuation & Grid Interconnection Study

- Evacuation voltage level
- Transmission line routing
- Grid impact and protection coordination

Reports:

- Electrical Design Report
- Grid Connectivity & Evacuation Study

8. Environmental & Statutory Studies

8.1 Environmental Impact Assessment (EIA)

- Aquatic ecology assessment
- Water quality impact analysis
- Avifauna and biodiversity study

8.2 Forest & Wildlife Clearance Studies (if applicable)

- Sanctuary / Eco-sensitive zone mapping
- Wildlife impact mitigation

8.3 Statutory Compliance Mapping

- MoEF&CC applicability
- MPCB consent requirements
- Dam safety and reservoir authority approvals

Reports:

- EIA / EMP Report
- Statutory Clearance Matrix

9. Dam Safety & Risk Studies

9.1 Dam Safety Assessment

- Impact of floating solar on dam structures
- Emergency access and safety zones

9.2 Risk & Hazard Analysis

- Extreme weather risk
- Mooring failure scenarios
- Fire and electrical safety on water

Report:

- Dam Safety & Risk Assessment Report

10. Construction Methodology & Logistics Study

- Mobilization and staging plan
- Floating assembly methodology
- Water-based and shore-based logistics

- Construction safety plan

Report:

- Construction Methodology Report

11. Operation & Maintenance (O&M) Studies

- O&M philosophy for floating solar
- Cleaning methodology (water-compatible)
- Replacement and warranty strategy
- Manpower and spares planning

Report:

- O&M Manual and Costing Report

12. Commercial, Financial & Legal Studies

12.1 CAPEX & OPEX Estimation

- Equipment-wise cost breakup
- Marine works costing
- Contingency and escalation

12.2 Financial Modelling

- Tariff assumptions
- Cash flow model
- DSCR, IRR, NPV

12.3 Contractual & DBFOT Structuring

- Risk allocation matrix
- Performance guarantees
- Transfer conditions at end of term

Reports:

- Financial Model
- Commercial Feasibility Report

13. Detailed Project Report (DPR)

DPR Contents (Consolidated)

1. Executive Summary
2. Project Background & LOA Conditions
3. Site Description (Modak Sagar & Tanasa)
4. Survey & Investigation Findings

5. Design Basis & Technical Configuration
6. Energy Yield & Performance
7. Environmental & Statutory Compliance
8. Construction & Implementation Schedule
9. Cost Estimates & Financial Viability
10. Risk Analysis & Mitigation
11. O&M Strategy
12. Conclusions & Recommendations

Final Report:

- **Bankable Detailed Project Report (DPR)** suitable for BMC approval, lenders, and EPC execution

ANNEXURES

ANNEXURE 1:
GENERAL, FINANCIAL & COMMERCIAL PARTICULARS

(To be submitted by Bidder/Each Member of Consortium on their Letter Head)

1	Name of the Bidder	:	
2	Registered office address	:	
3	Telephone	:	
4	E-mail	:	
5	Nature of business & working experience in years in the same business	:	
6	Person to be contacted	:	
7	Nature/status of firm: (Whether sole proprietary/Partnership/Private Limited/Public Limited/ Public Sector) Do you anticipate any change in the Ownership during the proposed period of Work If yes, define the scope and effect thereof	:	No/Yes
8	Financial detail (Enclosed 1 copy each of)	:	
a	Balance sheets and profit & loss	:	No/Yes
b	Account for the last 3 years	:	No/Yes
c	Income tax clearance certificate for the past three years.	:	No/Yes
d	GST certificate	:	No/Yes
e	Turnover & Net Worth certificate for the last 3 years	:	No/Yes
f	Company Registration Certificate	:	No/Yes
9	Share capital at the time of formation i. Authorized ii. Paid-up	:	
10	Share capital at present a) Authorized b) Paid-up	:	
11	Name & address of bankers	:	

Certified that the above information is true and factual.

Date:.....

Place:.....

(Signature of the Authorized Representative of Bidder)
 Name
 Designation
 Seal of Company.....

ANNEXURE 2:
TECHNICAL QUALIFICATION DATA
(To be submitted on letter head of the bidder)

1. Name of the Bidder:

Bid RFP

Sr. No.	Description of Works	Scope-related Floating solar Project Experience (Yes / No)	Plant Capacity (MW)	PO Copy & Experience Certificate Attached (Yes / No)	Purchase Order (PO) No. & Date

Note :

- 1) Please attach documentary proof of the Concerned Authority.
- 2) Regarding documentary evidence from the client, for satisfactory completion shall be enclosed. The experience without experience certificate shall not be considered for evaluation. The experience certificate should contain valid communication address & working contact numbers certificate provider. Certificates without this information will be considered invalid and shall not be considered for evaluation.
- 3) Certified that the above information is true and factual.

Date:.....

Place:.....

(Signature of the Authorized Representative of Bidder)

Name

Designation

Seal of Company.....

Note :

All Certificates provided should be in English ONLY. In case the Utility/owner is unable to provide the certificate in English then bidder/consortium must submit the English translated copy of the certificate by authorized translator along with the original copy and must submit affidavit on non-judicial stamp paper Rs. 500/- that the information(translation) is true & correct.

ANNEXURE 3
POWER OF ATTORNEY

(to be provided by the bidding company/ lead member in favor of its representative as evidence of authorized signatory's authority.)

(To be on non-judicial stamp paper of Rs 500/- Foreign companies submitting bids are required to follow the applicable law in their country)

KNOW ALL MEN BY THESE PRESENTS, that we, (Name of the Bidder/Lead Member of consortium), a Company/ Corporation/ Firm organized and existing under and by virtue of the laws of (Name of bidder's country) and having its registered office and principal office at [] (address of the bidder) do hereby irrevocably constitute, appoint, and authorize -----

(Name and residential address) who is presently employed with us and holding the position of -----, as our true and lawful attorneys to do in our name and on our behalf prepare, make, sign and submit the bid proposals and other documents, certificates, undertakings and papers to be executed and delivered by us, and to do all such acts, deeds and things as are necessary or required in relation to the tender issued by the MAHAPREIT vide Bid Specification No ----- for Selection of for the appointment of a consultant RFP for appointing a consultant to conduct Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA) for BMC's Floating Solar projects, including site assessment and investor outreach for a 100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said attorneys pursuant to and in exercise of the powers conferred by this power of attorney and that all acts, deeds and things done by our said attorneys in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

Signed by the within named

_____**[Insert the name of the executant company] through the hand of**

Mr.

Duly authorized by the Board to issue such Power of Attorney Dated this

Day of

Accepted

Signature of Attorney

(Name, designation and address of the Attorney)

Attested

(Signature of the Executant)(Name, designation and Address of the Executant)

Signature and stamp of Notary of the place of execution

Common seal of has been affixed in my/our presence pursuant to Board of Director's
Resolution Dated.....

WITNESS

1. Signature.....

Name

Designation

Occupation

2. Signature

Name

Designation

Note:

(1) The mode of execution of the power of attorney should be in accordance with the

procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and the same should be under Common seal of the executant affixed in accordance with the applicable procedure. Further, the person whose signatures are to be provided on the power of attorney shall be duly authorized by the executant(s) in this regard.

(2) **Also, wherever required, the executant(s) should submit for verification the extract of the chartered documents and documents such as a Board resolution / power of attorney, in favour of the Person executing this power of attorney for delegation of power hereunder on behalf of the executant(s).**

ANNEXURE-4

PROFORMA FOR AUTHORISATION OF INDIAN REPRESENTATIVE

(To be submitted on the letterhead of the bidder/lead member)

Date:

To

The Managing Director,
B – 501 PINNACLE CORPORATE PARK,
NEXT TO TRADE CENTER,
BKC (EAST) MUMBAI 400051

Subject: Notification of invitation of bids date-----

Dear Sir,

This has reference to the bid proposal No._____ (Bid Reference) _____ Date _____ submitted by us, M/s. _____ (Bidder) _____ in response to bid specification No._____ you for Selection of for the appointment of a consultant to conduct feasibility surveys, prepare **Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA)** for **BMC's Floating Solar projects**, including site assessment and investor outreach for a **100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra**

We, hereby authorize M/s. (Indian Representative) as Indian Representative of us for the purpose of liaison of the contract and receiving payment thereof, against proposal No. (Bid Reference) Dated _____ on the terms and conditions as are set forth in the Empanel Agreement to be executed amongst [] and MAHAPREIT in accordance with of the Bid Specifications, pursuant to the bid being awarded to [].

Thanking you,

Yours faithfully,

(Signature of the Authorized Signatory of the Bidder)
(Name)

(Designation)

Annexure-5

Turnover and Net Worth Declaration [On the letterhead of Bidding Company]

To,

Managing Director,
MAHAPREIT.
BKC, Mumbai.

Dear Sir,

Sub: Empanelment consultant to Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA) for BMC's Floating Solar projects, including site assessment and investor outreach for a 100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra.

We certify that the Bidding Company had an average Annual Turnover of two year is ₹ based on audited annual accounts of the last three years (FY 2022-23, FY 2023-24, FY 2024-25) and net worth must be positive.

Financial Year	Turn Over (Rs)	Net worth (Rs)
FY 2022-23		
FY 2023-24		
FY 2024-25		

Authorized Signatory

Statutory Auditor (Power of Attorney holder)
(Stamp & Signature)

Date:

chartered accountant
(Stamp & Signature)

Annexure 6

Price Bid format

(To be submitted online Only on firm Letterhead)

RFP: AHAPREIT/RESCO/Floating/bmc/2025-26			
Name of work: RFP for appointing a consultant to conduct Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA) for BMC's Floating Solar projects , including site assessment and investor outreach for a 100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra.			
No.	Item Description	Unit	Rate
1	Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA) for BMC's Floating Solar projects, including site assessment and investor outreach for a 100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra	lump sum	
2	GST (18%)		
3	Total in figure		
4	Quoted rate in words		

Instruction to Bidder

1. Bidders have to fill up the price bid format follows:
 - a) Bidders have to fill up the Name of the bidder.
 - b) Bidders have to fill up the Price rate in front of lumpsum
 - c) Bidders have to fill up the 18% GST in front of the cell of “18% GST”
2. The Prices will remain valid for a period of 90days from the Date of opening of the price bid.
3. The offer submitted is irrevocable and unconditional without any deviations.

Date:

Place:

Seal:

Signatures of the Agency
Or Authorized Person
(Name of Firm)

Annexure 7

SITE VISIT REPORT LETTER

(To be submitted on letterhead of bidder)

Date: _____

To,
Managing Director,
MAHAPREIT.
BKC, Mumbai.

Sub. : Site Visit Report for _____ in the State of Maharashtra.

Ref. : MAHAPREIT/RESCO/Floating/bmc/2025-26

Sir,

This has reference to above referred RFP for appointing a consultant to conduct **Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA)** for **BMC's Floating Solar projects**, including site assessment and investor outreach for a **100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra.**

This is in reference to the engagement of a consultant for providing consultancy services related to solar power projects.

I / We hereby declare that we have visited the proposed project site(s), wherever applicable, in consultation with the representative(s) of the beneficiary.

I / We have familiarized ourselves with the site conditions, access to site, availability of water, local and environmental conditions, and other relevant factors applicable to the scope of consultancy services.

I / We have examined all necessary information required for providing the consultancy services and fully understand the scope of work, terms, and conditions.

I / We confirm that we have no difficulty in undertaking the consultancy assignment and shall complete the services within the stipulated time period

Thanking you.

Yours faithfully,

(Signature of Bidder)

Name of Bidder -----

Designation -----

Seal:

Signature of Beneficiary representative.

1. Seal:.....

ANNEXURE- A
DIVISION OF RESPONSIBILITY
(To be submitted on Letter Head of the Bidder)

Sr. No.	Name of the JV/Consortium partner	Position/Status in JV/Consortium*	Responsibility & Task Assigned for this project
1			
2			
3			

***Bidder must indicate its status Lead Bidder or Consortium Partner.**

Date:.....
Place:.....
(Signature of the Authorized Representative of Bidder)
Name
Designation
Seal of Company.....

ANNEXURE-B

PROFORMA FOR AUTHORISATION OF INDIAN REPRESENTATIVE

(To be submitted on the letterhead of the bidder/lead member)

Date:

To

The Managing Director,
B – 501 PINNACLE CORPORATE PARK,
NEXT TO TRADE CENTER,
BKC (EAST) MUMBAI 400051

Subject: Notification of invitation of bids date-----

Dear Sir,

This has reference to the bid proposal No._____ (Bid Reference) _____ Date _____ submitted by us, M/s. _____ (Bidder) _____ in response to bid specification No._____ you for Selection of Project Monitoring Consultant (PMC) for 30 MW(AC) Distributed Grid-Connected Rooftop Solar PV Projects at various Identified Government Buildings of Goa.

We, hereby authorize M/s.__(Indian Representative)_as Indian Representative of us for the purpose of liaison of the contract and receiving payment thereof, against proposal No.__(Bid Reference) Dated____ on the terms and conditions as are set forth in the Empanel Agreement to be executed amongst [] and MAHAPREIT in accordance with of the Bid Specifications, pursuant to the bid being awarded to [].

Thanking you,

Yours faithfully,

(Signature of the Authorized Signatory of the Bidder)

(Name)

(Designation)

Checklist

We confirm that we have gone through the bid document and as instructed therein we hereby submit the following documents to form the bid.

SN.	Name of the document	Annexure	Nature of document	Whether submitted Yes/No.
Pertaining to TECHNICAL PART of bid specification				
1	General Financial & Commercial Particulars of Bidder/Each Member of the Consortium (Annexure 1)	1	Mandatory	
2	Technical Qualification Data (Annexure 2)	2	Mandatory	
3	Power of Attorney to be provided by the Bidding Company/ Lead Member in favour of its representative as evidence of Authorized Signatory's authority along with Board resolution/power of attorney, in favour of the person executing this power of attorney for delegation of power hereunder on behalf of the executant(s) (Annexure 3)	3	If Applicable	
4	Undertaking (To be given by the Bidder on the Letter head) (Annexure 4)	4	Mandatory	
5	Format Of Covering Letter (On Letterhead of Firm) (Annexure 5)	5	Mandatory	
6	Price Bid format (To be submitted online Only) (Annexure 6)	6	Mandatory	
7	Site Visit Report (Annexure 7)	7	Mandatory	



Mahatma Phule Renewable Energy and Infrastructure Technology Limited

(Subsidiary of MPBCDC, a Government of Maharashtra undertaking)

CIN No. U40106MH2021SGC358784

RFP No: MAHAPREIT/BMC/Consultant/PMC/2025

Date: - 19/12/2025

Pri-Bid meeting

With reference to the “RFP for appointing a consultant to conduct **Feasibility studies and prepare a Bankable Techno-Commercial Assessment (BTCA)** for **BMC’s Floating Solar projects**, including site assessment and investor outreach for a **100 MW floating solar project at Tansa and Modak Sagar Lakes, Thane District, Maharashtra** it is hereby conveyed that:

The pre-bid meeting is scheduled on 23/12/2025 at 3:00 PM at the MAHAPREIT office, option of attending Prebid meeting online is given. The link to attend the online meeting is as follow and available on following website:

Time: Dec 23, 2025 03:00 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://zoom.us/j/99241101811?pwd=QkzIZzK3rzZ9WLpgvahDQPcOxdFL60.1>

Meeting ID: 992 4110 1811

Passcode: 325669

Sd/-

**ED(RESO)
MAHAPREIT Ltd.**

Reference Website: 1. <https://www.mahatenders.gov.in/>
2. <https://mahapreit.in>