
SELECTION OF CONSULTANTS

REQUEST FOR PROPOSALS

RFP No.: F/RUM/2020/REP/02-43/677

Selection of Consulting Services

for

**Environment and Social Baseline Survey for Identification of Land for
Proposed Solar Parks in Cluster – 1 (Morena), Cluster – 2 (Chhatarpur)
in Madhya Pradesh**

Client: Rewa Ultra Mega Solar Limited

Country: India

Project: Shared Infrastructure for Solar Park Project

Issued on: 12-11-2020

PART I

Section 1. Letter of Invitation

RFP No: /RUM/2020/REP/02-43/677-----**Grant No.** TF0A4639
Bhopal, Dated-12/11/2020

Dear Mr. /Ms.:

1. The Rewa Ultra Mega Solar Limited (the Client) has been allocated grant funds (the “Grant”) from the Clean Technology Fund which are administered by the International Bank for Reconstruction and Development (IBRD) (the “Bank”) and executed by the the Client. The Client intends to apply the funds to eligible payments under the contract for which this Request for Proposals is issued. Payments by the Bank will be made only at the request of the Client and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the grant agreement. The grant agreement prohibits a withdrawal from the grant account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by a decision of the United Nations Security council taken under Chapter VII of the Charter of the United Nations. No party other than the Client shall derive any rights from the grant agreement or have any claims to the proceeds of the grant.
2. The Client now invites proposals to provide the following consulting services (hereinafter called “Services”): RUMSL’s **“Environment and Social Baseline Survey for Identification of Land for Proposed Solar Park Cluster – 1 (Morena), Cluster – 2 (Chatarpur) in Madhya Pradesh.** More details on the Services are provided in the Terms of Reference (Section 7).
3. A firm will be selected under **Quality and Cost-Based Selection (QCBS)** and in a Full Technical Proposal (FTP) format as described in this RFP, in accordance with the policies of the Bank detailed in the Consultants’ Guidelines which can be found at the following website: www.worldbank.org/procure.
4. The RFP includes the following documents:

- Section 1 - Letter of Invitation
- Section 2 - Instructions to Consultants and Data Sheet
- Section 3 - Technical Proposal (FTP) - Standard Forms
- Section 4 - Financial Proposal - Standard Forms
- Section 5 – Eligible Countries
- Section 6 – Bank’s Policy – Corrupt and Fraudulent Practices
- Section 7 - Terms of Reference
- Section 8 - Forms of Contract (Lump-Sum)

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5. Details on the proposal's submission date, time and address are provided in Clauses 17.7 and 17.9 of the ITC.

Yours sincerely,

Ajay K Shukla
Executive Engineer
Rewa Ultra Mega Solar Limited

Section 2. Instructions to Consultants and Data Sheet

A. General Provisions

1. Definitions

- (a) “Affiliate(s)” means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.
- (b) “Applicable Guidelines” means the policies of the Bank governing the selection and Contract award process as set forth in this RFP.
- (c) “Applicable Law” means the laws and any other instruments having the force of law in the Client’s country, or in such other country as may be specified in the **Data Sheet**, as they may be issued and in force from time to time.
- (d) “Bank” means the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (e) “Borrower” means the Government, Government agency or other entity that signs the grant agreement with the Bank.
- (f) “Client” means the implementing agency that signs the Contract for the Services with the selected Consultant.
- (g) “Consultant” means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Client under the Contract.
- (h) “Contract” means a legally binding written agreement signed between the Client and the Consultant and includes all the attached documents listed in its Clause 1 (the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices).
- (i) “Data Sheet” means an integral part of the Instructions to Consultants (ITC) Section 2 that is used to reflect specific country and assignment conditions to supplement, but not to over-write, the provisions of the ITC.
- (j) “Day” means a calendar day.
- (k) “Experts” means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).
- (l) “Government” means the government of the Client’s

country.

- (m) “Joint Venture (JV)” means an association with or without a legal personality distinct from that of its members, of more than one Consultant where one member has the authority to conduct all business for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.
- (n) “Key Expert(s)” means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose CV is taken into account in the technical evaluation of the Consultant’s proposal.
- (o) “ITC” (this Section 2 of the RFP) means the Instructions to Consultants that provides the Consultants with all information needed to prepare their Proposals.
- (p) “LOI” (this Section 1 of the RFP) means the Letter of Invitation being sent by the Client to the Consultants.
- (q) “Non-Key Expert(s)” means an individual professional provided by the Consultant or its Sub-consultant and who is assigned to perform the Services or any part thereof under the Contract and whose CVs are not evaluated individually.
- (r) “Proposal” means the Technical Proposal and the Financial Proposal of the Consultant.
- (s) “RFP” means the Request for Proposals to be prepared by the Client for the selection of Consultants, based on the SRFP.
- (t) “SRFP” means the Standard Request for Proposals, which must be used by the Client as the basis for the preparation of the RFP.
- (u) “Services” means the work to be performed by the Consultant pursuant to the Contract.
- (v) “Sub-consultant” means an entity to whom the Consultant intends to subcontract any part of the Services while remaining responsible to the Client during the performance of the Contract.
- (w) “TORs” (this Section 7 of the RFP) means the Terms of Reference that explain the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Client and the Consultant, and

expected results and deliverables of the assignment.

2. Introduction

2.1 The Client named in the **Data Sheet** intends to select a Consultant from those listed in the Letter of Invitation, in accordance with the method of selection specified in the **Data Sheet**.

2.2 The Consultants are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the **Data Sheet**, for consulting services required for the assignment named in the **Data Sheet**. The Proposal will be the basis for negotiating and ultimately signing the Contract with the selected Consultant.

2.3 The Consultants should familiarize themselves with the local conditions and take them into account in preparing their Proposals, including attending a pre-proposal conference if one is specified in the **Data Sheet**. Attending any such pre-proposal conference is optional and is at the Consultants' expense.

2.4 The Client will timely provide, at no cost to the Consultants, the inputs, relevant project data, and reports required for the preparation of the Consultant's Proposal as specified in the **Data Sheet**.

3. Conflict of Interest

3.1 The Consultant is required to provide professional, objective, and impartial advice, at all times holding the Client's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.

3.2 The Consultant has an obligation to disclose to the Client any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Client. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/or sanctions by the Bank.

3.2.1 Without limitation on the generality of the foregoing, and unless stated otherwise in the **Data Sheet**, the Consultant shall not be hired under the circumstances set forth below:

a. Conflicting activities

- (i) Conflict between consulting activities and procurement of goods, works or non-consulting services: a firm that has been engaged by the Client to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from

subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation.

b. Conflicting assignments

- (ii) Conflict among consulting assignments: a Consultant (including its Experts and Sub-consultants) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant for the same or for another Client.

c. Conflicting relationships

- (iii) Relationship with the Client's staff: a Consultant (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Borrower (or of the Client, or of implementing agency, or of a recipient of a part of the Bank's financing) who are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Bank throughout the selection process and the execution of the Contract.

4. Unfair Competitive Advantage

4.1 Fairness and transparency in the selection process require that the Consultants or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the assignment in question. To that end, the Client shall indicate in the **Data Sheet** and make available to all Consultants together with this RFP all information that would in that respect give such Consultant any unfair competitive advantage over competing Consultants.

5. Corrupt and Fraudulent Practices

5.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section 6.

5.2 In further pursuance of this policy, Consultant shall permit and shall cause its agents, Experts, Sub-consultants, sub-contractors, services providers, or suppliers to permit the Bank to inspect all accounts, records, and other documents relating to the submission of the Proposal and contract performance (in case of an award), and to have them audited by auditors appointed by the Bank.

6. Eligibility

6.1 The Bank permits consultants (individuals and firms, including Joint Ventures and their individual members) from all countries to offer consulting services for Bank-financed projects.

6.2 Furthermore, it is the Consultant's responsibility to ensure that its Experts, joint venture members, Sub-consultants, agents (declared or not), sub-contractors, service providers, suppliers

and/or their employees meet the eligibility requirements as established by the Bank in the Applicable Guidelines.

6.3 As an exception to the foregoing Clauses 6.1 and 6.2 above:

a. Sanctions

6.3.1 A firm or an individual sanctioned by the Bank in accordance with the above Clause 5.1 or in accordance with “Anti-Corruption Guidelines” shall be ineligible to be awarded a Bank-financed contract, or to benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall determine. The list of debarred firms and individuals is available at the electronic address specified in the **Data Sheet**.

b. Prohibitions

6.3.2 Firms and individuals of a country or goods manufactured in a country may be ineligible if so indicated in Section 5 (Eligible Countries) and:

- (a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the provision of Services required; or
- (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower’s Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

c. Restrictions for Government-owned Enterprises

6.3.3 Government-owned enterprises or institutions in the Borrower’s country shall be eligible only if they can establish that they (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) that they are not dependent agencies of the Client

To establish eligibility, the government-owned enterprise or institution should provide all relevant documents (including its charter) sufficient to demonstrate that it is a legal entity separate from the government; it does not currently receive any substantial subsidies or budget support; it is not obligated to pass on its surplus to the government; it can acquire rights and liabilities, borrow funds, and can be liable for repayment of debts and be declared bankrupt; and it is not competing for a contract to be awarded by the government department or agency which, under the applicable laws or regulations, is its reporting or supervisory authority or has the ability to exercise influence or control

over it.

d. Restrictions for public employees

6.3.4 Government officials and civil servants of the Borrower's country are not eligible to be included as Experts in the Consultant's Proposal unless such engagement does not conflict with any employment or other laws, regulations, or policies of the Borrower's country, and they

(i) are on leave of absence without pay, or have resigned or retired;

(ii) are not being hired by the same agency they were working for before going on leave of absence without pay, resigning, or retiring

(in case of resignation or retirement, for a period of at least 6 (six) months, or the period established by statutory provisions applying to civil servants or government employees in the Borrower's country, whichever is longer. Experts who are employed by the government-owned universities, educational or research institutions are not eligible unless they have been full time employees of their institutions for a year or more prior to being included in Consultant's Proposal.; and

(iii) their hiring would not create a conflict of interest.

B. Preparation of Proposals

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| 7. General Considerations | 7.1 In preparing the Proposal, the Consultant is expected to examine the RFP in detail. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal. |
| 8. Cost of Preparation of Proposal | 8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Client shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Client is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultant. |
| 9. Language | 9.1 The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Client, shall be written in the language(s) specified in the Data Sheet . |
| 10. Documents Comprising | 10.1 The Proposal shall comprise the documents and forms |

the Proposal	listed in the Data Sheet .
	<p>10.2 If specified in the Data Sheet, the Consultant shall include a statement of an undertaking of the Consultant to observe, in competing for and executing a contract, the Client country's laws against fraud and corruption (including bribery).</p> <p>10.3 The Consultant shall furnish information on commissions, gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Proposal and, if awarded, Contract execution, as requested in the Financial Proposal submission form (Section 4).</p>
11. Only One Proposal	<p>11.1 The Consultant (including the individual members of any Joint Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture in another Proposal. If a Consultant, including any Joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected. This does not, however, preclude a Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the Data Sheet.</p>
12. Proposal Validity	<p>12.1 The Data Sheet indicates the period during which the Consultant's Proposal must remain valid after the Proposal submission deadline.</p> <p>12.2 During this period, the Consultant shall maintain its original Proposal without any change, including the availability of the Key Experts, the proposed rates and the total price.</p> <p>12.3 If it is established that any Key Expert nominated in the Consultant's Proposal was not available at the time of Proposal submission or was included in the Proposal without his/her confirmation, such Proposal shall be disqualified and rejected for further evaluation, and may be subject to sanctions in accordance with Clause 5 of this ITC.</p>
a. Extension of Validity Period	<p>12.4 The Client will make its best effort to complete the negotiations within the proposal's validity period. However, should the need arise, the Client may request, in writing, all Consultants who submitted Proposals prior to the submission deadline to extend the Proposals' validity.</p> <p>12.5 If the Consultant agrees to extend the validity of its Proposal, it shall be done without any change in the original Proposal and with the confirmation of the availability of the Key Experts.</p> <p>12.6 The Consultant has the right to refuse to extend the validity of its Proposal in which case such Proposal will not be further</p>

evaluated.

b. Substitution of Key Experts at Validity Extension

12.7 If any of the Key Experts become unavailable for the extended validity period, the Consultant shall provide a written adequate justification and evidence satisfactory to the Client together with the substitution request. In such case, a replacement Key Expert shall have equal or better qualifications and experience than those of the originally proposed Key Expert. The technical evaluation score, however, will remain to be based on the evaluation of the CV of the original Key Expert.

12.8 If the Consultant fails to provide a replacement Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Client, such Proposal will be rejected with the prior Bank's no objection.

c. Sub-Contracting

12.9 The Consultant shall not subcontract the whole of the Services.

13. Clarification and Amendment of RFP

13.1 The Consultant may request a clarification of any part of the RFP during the period indicated in the **Data Sheet** before the Proposals' submission deadline. Any request for clarification must be sent in writing, or by standard electronic means, to the Client's address indicated in the **Data Sheet**. The Client will respond in writing, or by standard electronic means, and will send written copies of the response (including an explanation of the query but without identifying its source) to all Consultants. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:

13.1.1 At any time before the proposal submission deadline, the Client may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all Consultants and will be binding on them. The Consultants shall acknowledge receipt of all amendments in writing.

13.1.2 If the amendment is substantial, the Client may extend the proposal submission deadline to give the Consultants reasonable time to take an amendment into account in their Proposals.

13.2 The Consultant may submit a modified Proposal or a modification to any part of it at any time prior to the proposal submission deadline. No modifications to the Technical or Financial Proposal shall be accepted after the deadline.

14. Preparation of Proposals – Specific

14.1 While preparing the Proposal, the Consultant must give particular attention to the following:

Considerations	<p>14.1.1 If a Consultant considers that it may enhance its expertise for the assignment by associating with other consultants in the form of a Joint Venture or as Sub-consultants, it may do so.</p> <p>14.1.2 The Client may indicate in the Data Sheet the estimated Key Experts' time input (expressed in person-month) or the Client's estimated total cost of the assignment, but not both. This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same.</p> <p>14.1.3 If stated in the Data Sheet, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the Data Sheet) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and decision for award in accordance with the procedure in the Data Sheet.</p> <p>14.1.4 For assignments under the Fixed-Budget selection method, the estimated Key Experts' time input is not disclosed. Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the Data Sheet, and the Financial Proposal shall not exceed this budget.</p>
15. Technical Proposal Format and Content	<p>15.1 The Technical Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.</p> <p>15.1.1 Consultant shall not propose alternative Key Experts. Only one CV shall be submitted for each Key Expert position. Failure to comply with this requirement will make the Proposal non-responsive.</p> <p>15.2 Depending on the nature of the assignment, the Consultant is required to submit a Full Technical Proposal (FTP), or a Simplified Technical Proposal (STP) as indicated in the Data Sheet and using the Standard Forms provided in Section 3 of the RFP.</p>
16. Financial Proposal	<p>16.1 The Financial Proposal shall be prepared using the Standard Forms provided in Section 4 of the RFP. It shall list all costs associated with the assignment, including (a) remuneration for Key Experts and Non-Key Experts, (b) reimbursable expenses indicated in the Data Sheet.</p>
a. Price Adjustment	<p>16.2 For assignments with a duration exceeding 18 months, a price adjustment provision for foreign and/or local inflation for remuneration rates applies if so stated in the Data Sheet.</p>
b. Taxes	<p>16.3 The Consultant and its Sub-consultants and Experts are</p>

responsible for meeting all tax liabilities arising out of the Contract unless stated otherwise in the **Data Sheet**. Information on taxes in the Client's country is provided in the **Data Sheet**.

- c. Currency of Proposal** 16.4 The Consultant may express the price for its Services in the currency or currencies as stated in the **Data Sheet**. If indicated in the **Data Sheet**, the portion of the price representing local cost shall be stated in the national currency.
- d. Currency of Payment** 16.5 Payment under the Contract shall be made in the currency or currencies in which the payment is requested in the Proposal.

C. Submission, Opening and Evaluation

- 17. Submission, Sealing, and Marking of Proposals**
- 17.1 The Consultant shall submit a signed and complete Proposal comprising the documents and forms in accordance with Clause 10 (Documents Comprising Proposal). The submission can be done by mail or by hand. If specified in the **Data Sheet**, the Consultant has the option of submitting its Proposals electronically.
- 17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposal and shall initial all pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.
- 17.2.1 A Proposal submitted by a Joint Venture shall be signed by all members so as to be legally binding on all members, or by an authorized representative who has a written power of attorney signed by each member's authorized representative.
- 17.3 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.
- 17.4 The signed Proposal shall be marked "ORIGINAL", and its copies marked "COPY" as appropriate. The number of copies is indicated in the **Data Sheet**. All copies shall be made from the signed original. If there are discrepancies between the original and the copies, the original shall prevail.
- 17.5 The original and all the copies of the Technical Proposal shall be placed inside of a sealed envelope clearly marked "**TECHNICAL PROPOSAL**", "[Name of the Assignment]", reference number, name and address of the Consultant, and with a warning "**DO NOT OPEN UNTIL [INSERT THE DATE AND THE TIME OF THE TECHNICAL PROPOSAL SUBMISSION**

DEADLINE].”

17.6 Similarly, the original Financial Proposal (if required for the applicable selection method) shall be placed inside of a sealed envelope clearly marked “**FINANCIAL PROPOSAL**” followed by the name of the assignment, reference number, name and address of the Consultant, and with a warning “**DO NOT OPEN WITH THE TECHNICAL PROPOSAL.**”

17.7 The sealed envelopes containing the Technical and Financial Proposals shall be placed into one outer envelope and sealed. This outer envelope shall bear the submission address, RFP reference number, the name of the assignment, Consultant’s name and the address, and shall be clearly marked “**DO NOT OPEN BEFORE**[insert the time and date of the submission deadline indicated in the Data Sheet]”.

17.8 If the envelopes and packages with the Proposal are not sealed and marked as required, the Client will assume no responsibility for the misplacement, loss, or premature opening of the Proposal.

17.9 The Proposal or its modifications must be sent to the address indicated in the **Data Sheet** and received by the Client no later than the deadline indicated in the **Data Sheet**, or any extension to this deadline. Any Proposal or its modification received by the Client after the deadline shall be declared late and rejected, and promptly returned unopened.

18. Confidentiality

18.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultant should not contact the Client on any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations shall not be disclosed to the Consultants who submitted the Proposals or to any other party not officially concerned with the process, until the publication of the Contract award information.

18.2 Any attempt by Consultants or anyone on behalf of the Consultant to influence improperly the Client in the evaluation of the Proposals or Contract award decisions may result in the rejection of its Proposal, and may be subject to the application of prevailing Bank’s sanctions procedures.

18.3 Notwithstanding the above provisions, from the time of the Proposals’ opening to the time of Contract award publication, if a Consultant wishes to contact the Client or the Bank on any matter related to the selection process, it should do so only in writing.

19. Opening of

19.1 The Client’s evaluation committee shall conduct the

Technical Proposals	<p>opening of the Technical Proposals in the presence of the Consultants’ authorized representatives who choose to attend (in person, or online if this option is offered in the Data Sheet). The opening date, time and the address are stated in the Data Sheet. The envelopes with the Financial Proposal shall remain sealed and shall be securely stored with a reputable public auditor or independent authority until they are opened in accordance with Clause 23 of the ITC.</p> <p>19.2 At the opening of the Technical Proposals the following shall be read out: (i) the name and the country of the Consultant or, in case of a Joint Venture, the name of the Joint Venture, the name of the lead member and the names and the countries of all members; (ii) the presence or absence of a duly sealed envelope with the Financial Proposal; (iii) any modifications to the Proposal submitted prior to proposal submission deadline; and (iv) any other information deemed appropriate or as indicated in the Data Sheet.</p>
20. Proposals Evaluation	<p>20.1 Subject to provision of Clause 15.1 of the ITC, the evaluators of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded and the Bank issues its “no objection”, if applicable.</p> <p>20.2 The Consultant is not permitted to alter or modify its Proposal in any way after the proposal submission deadline except as permitted under Clause 12.7 of this ITC. While evaluating the Proposals, the Client will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.</p>
21. Evaluation of Technical Proposals	<p>21.1 The Client’s evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and the RFP, applying the evaluation criteria, sub-criteria, and point system specified in the Data Sheet. Each responsive Proposal will be given a technical score. A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP or if it fails to achieve the minimum technical score indicated in the Data Sheet.</p>
22. Financial Proposals for QBS	<p>22.1 Following the ranking of the Technical Proposals, when the selection is based on quality only (QBS), the top-ranked Consultant is invited to negotiate the Contract.</p> <p>22.2 If Financial Proposals were invited together with the Technical Proposals, only the Financial Proposal of the technically top-ranked Consultant is opened by the Client’s evaluation committee. All other Financial Proposals are returned unopened after the Contract negotiations are successfully concluded and the Contract is signed.</p>

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- 23. Public Opening of Financial Proposals (for QCBS, FBS, and LCS methods)**
- 23.1 After the technical evaluation is completed and the Bank has issued its no objection (if applicable), the Client shall notify those Consultants whose Proposals were considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score (and shall provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion) that their Financial Proposals will be returned unopened after completing the selection process and Contract signing. The Client shall simultaneously notify in writing those Consultants that have achieved the minimum overall technical score and inform them of the date, time and location for the opening of the Financial Proposals. The opening date should allow the Consultants sufficient time to make arrangements for attending the opening. The Consultant's attendance at the opening of the Financial Proposals (in person, or online if such option is indicated in the **Data Sheet**) is optional and is at the Consultant's choice.
- 23.2 The Financial Proposals shall be opened by the Client's evaluation committee in the presence of the representatives of those Consultants whose proposals have passed the minimum technical score. At the opening, the names of the Consultants, and the overall technical scores, including the break-down by criterion, shall be read aloud. The Financial Proposals will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded. Copies of the record shall be sent to all Consultants who submitted Proposals and to the Bank.
- 24. Correction of Errors**
- 24.1 Activities and items described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, and no corrections are made to the Financial Proposal.
- a. Time-Based Contracts**
- 24.1.1 If a Time-Based contract form is included in the RFP, the Client's evaluation committee will (a) correct any computational or arithmetical errors, and (b) adjust the prices if they fail to reflect all inputs included for the respective activities or items in the Technical Proposal. In case of discrepancy between (i) a partial amount (sub-total) and the total amount, or (ii) between the amount derived by multiplication of unit price with quantity and the total price, or (iii) between words and figures, the former will prevail. In case of discrepancy between the Technical and Financial Proposals in indicating quantities of input, the Technical Proposal prevails and the Client's evaluation committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal,

	apply the relevant unit price included in the Financial Proposal to the corrected quantity, and correct the total Proposal cost.
b. Lump-Sum Contracts	24.2 If a Lump-Sum contract form is included in the RFP, the Consultant is deemed to have included all prices in the Financial Proposal, so neither arithmetical corrections nor price adjustments shall be made. The total price, net of taxes understood as per Clause ITC 25 below, specified in the Financial Proposal (Form FIN-1) shall be considered as the offered price.
25. Taxes	25.1 The Client's evaluation of the Consultant's Financial Proposal shall exclude taxes and duties in the Client's country in accordance with the instructions in the Data Sheet .
26. Conversion to Single Currency	26.1 For the evaluation purposes, prices shall be converted to a single currency using the selling rates of exchange, source and date indicated in the Data Sheet .
27. Combined Quality and Cost Evaluation	
a. Quality- and Cost-Based Selection (QCBS)	27.1 In the case of QCBS, the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the Data Sheet . The Consultant achieving the highest combined technical and financial score will be invited for negotiations.
b. Fixed-Budget Selection (FBS)	27.2 In the case of FBS, those Proposals that exceed the budget indicated in Clause 14.1.4 of the Data Sheet shall be rejected. 27.3 The Client will select the Consultant that submitted the highest-ranked Technical Proposal that does not exceed the budget indicated in the RFP, and invite such Consultant to negotiate the Contract.

c. Least-Cost Selection

27.4 In the case of Least-Cost Selection (LCS), the Client will select the Consultant with the lowest evaluated total price among those consultants that achieved the minimum technical score, and invite such Consultant to negotiate the Contract.

D. Negotiations and Award

28. Negotiations

28.1 The negotiations will be held at the date and address indicated in the **Data Sheet** with the Consultant's representative(s) who must have written power of attorney to negotiate and sign a Contract on behalf of the Consultant.

28.2 The Client shall prepare minutes of negotiations that are signed by the Client and the Consultant's authorized representative.

a. Availability of Key Experts

28.3 The invited Consultant shall confirm the availability of all Key Experts included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with Clause 12 of the ITC. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Client proceeding to negotiate the Contract with the next-ranked Consultant.

28.4 Notwithstanding the above, the substitution of Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall offer a substitute Key Expert within the period of time specified in the letter of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original candidate.

b. Technical negotiations

28.5 The negotiations include discussions of the Terms of Reference (TORs), the proposed methodology, the Client's inputs, the special conditions of the Contract, and finalizing the "Description of Services" part of the Contract. These discussions shall not substantially alter the original scope of services under the TOR or the terms of the contract, lest the quality of the final product, its price, or the relevance of the initial evaluation be affected.

c. Financial negotiations

28.6 The negotiations include the clarification of the Consultant's tax liability in the Client's country and how it should be reflected in the Contract.

28.7 If the selection method included cost as a factor in the evaluation, the total price stated in the Financial Proposal for a Lump-Sum contract shall not be negotiated.

28.8 In the case of a Time-Based contract, unit rates negotiations shall not take place, except when the offered Key Experts and Non-Key Experts' remuneration rates are much higher than the typically charged rates by consultants in similar contracts. In such case, the Client may ask for clarifications and, if the fees are very high, ask to change the rates after consultation with the Bank.

The format for (i) providing information on remuneration rates in the case of Quality Based Selection; and (ii) clarifying remuneration rates' structure under Clause 28.8 above, is provided in Appendix A to the Financial Form FIN-3: Financial Negotiations – Breakdown of Remuneration Rates.

29. Conclusion of Negotiations

29.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initialed by the Client and the Consultant's authorized representative.

29.2 If the negotiations fail, the Client shall inform the Consultant in writing of all pending issues and disagreements and provide a final opportunity to the Consultant to respond. If disagreement persists, the Client shall terminate the negotiations informing the Consultant of the reasons for doing so. After having obtained the Bank's no objection, the Client will invite the next-ranked Consultant to negotiate a Contract. Once the Client commences negotiations with the next-ranked Consultant, the Client shall not reopen the earlier negotiations.

30. Award of Contract

30.1 After completing the negotiations the Client shall obtain the Bank's no objection to the negotiated draft Contract, if applicable; sign the Contract; publish the award information as per the instructions in the **Data Sheet**; and promptly notify the other Consultants.

30.2 The Consultant is expected to commence the assignment on the date and at the location specified in the **Data Sheet**.

Instructions to Consultants

E. Data Sheet

A. General	
Reference	ITC Clause
2.1	<p>Name of the Client: Rewa Ultra Mega Solar Limited (RUMSL)</p> <p>Method of selection: Quality and Cost-Based Selection (QCBS) as per</p> <p>Applicable Guidelines: Selection and engagement of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011 available on www.worldbank.org/procure</p>
2.2	<p>Financial Proposal to be submitted together with Technical Proposal: Yes</p> <p>The name of the assignment is: Environment and Social Baseline Survey for Identification of Land for Proposed Solar Park in the Cluster – 1 (Morena), Cluster – 2 (Chatarpur) in Madhya Pradesh.</p>
2.3	<p>A pre-proposal conference will be held: Yes Date of pre-proposal conference: 23-11-2020 Time: 11:00 HRS (IST) Web link would be provided for online prebid through addendum issued on https://mptenders.gov.in/nicgep/app Telephone: Tel. No: 0755-2553595/2556566/ 2980002 E-mail: rumsinfo@mpnred.com Contact person/conference coordinator: <i>Ajay K Shukla, Executive Engineer</i></p>
2.4	<p>The Client will provide the following inputs, project data, reports, etc. to facilitate the preparation of the Proposals: Yes (Land record and Khasra Map details)</p>
6.3.1	<p>A list of debarred firms and individuals is available at the Bank's external website: www.worldbank.org/debarr</p>

B. Preparation of Proposals	
9.1	<p>This RFP has been issued in the English language.</p> <p>Proposals shall be submitted in English language only.</p> <p>All correspondence exchange shall be in English language.</p>
10.1	<p>The Proposal shall comprise the following:</p> <p><u>For FULL TECHNICAL PROPOSAL (FTP):</u></p> <ul style="list-style-type: none"> (1) Power of Attorney to sign the Proposal (2) TECH-1 (3) TECH-2 (4) TECH-3 (5) TECH-4 (6) TECH-5 (7) TECH-6 <p>All the above Technical Forms are to be uploaded in pdf form on e-procurement portal</p> <p>AND</p> <p>For FINANCIAL PROPOSAL:</p> <ul style="list-style-type: none"> (1) FIN-1 (2) FIN-2 (3) FIN-3 (4) FIN-4 <p>FIN-1, FIN-3 AND FIN-4 ARE TO BE UPLOADED IN PDF FORM ON E-PROCUREMENT PORTAL.</p> <p>FIN-2 IS TO BE FILLED ONLINE IN THE FORMAT AS PROVIDED ON E-PROCUREMENT PORTAL.</p> <p><u>HARD COPY SUBMISSION ARE NOT APPLICABLE</u></p>
10.2	Statement of Undertaking is required: Yes
11.1	Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible: No
12.1	Proposals must remain valid for 120 calendar days after the proposal submission deadline.
13.1	Clarifications may be requested no later than seven (7) days prior to the submission deadline.
13.1.1	<p>The Client will host the amendment to RFP, if any on the e-procurement portal at any time prior to the submission deadline.</p> <p>The shortlisted/ Consultants shall remain responsible to view amendment to RFP.</p>

13.1.2	The Client will host extension of submission deadline on the e-procurement portal.
13.2	<p>A Consultant may modify its Proposal in the following manner, by using the appropriate option for proposal modification on e-procurement portal, before the deadline for submission of proposals.</p> <p>(a) For proposal modification and consequential re-submission, the Consultant is not required to withdraw the proposal submitted earlier. The last modified proposal submitted by the consultant within the proposal submission time shall be considered as the 'Proposal'.</p> <p>(b) For this purpose, modification/withdrawal by other means will not be accepted.</p> <p>(c) The modification and consequential re-submission of proposals is allowed any number of times.</p> <p>(d) A consultant may withdraw its proposal by using the appropriate option for proposal withdrawal, before the deadline for submission of proposals. However, if the proposal is withdrawn, re-submission is <i>not allowed, as applicable to the e-procurement system</i></p>
14.1.2	<p>Estimated input of Key Experts' time-input: _person-months.</p> <p>Projected Cost = INR 50 Lakhs</p>
14.1.3 For time-based contracts only	Not applicable
14.1.4 and 27.2 Use for Fixed Budget method	Not applicable
15.2	<p>The format of the Technical Proposal to be submitted is: FTP</p> <p>Submission of the Technical Proposal in a wrong format may lead to the Proposal being deemed non-responsive to the RFP requirements.</p>
16.1	<i>(1) a per diem allowance, including hotel, for experts for</i>

	<p><i>every day of absence from the home office for the purposes of the Services;</i></p> <p><i>(2) cost of travel by the most appropriate means of transport and the most direct practicable route;</i></p> <p><i>(3) cost of office accommodation, including overheads and back-stop support;</i></p> <p><i>(4) communications costs;</i></p> <p><i>(5) cost of purchase or rent or freight of any equipment required to be provided by the Consultants;</i></p> <p><i>(6) cost of reports production (including printing) and delivering to the Client;</i></p> <p><i>(7) other allowances where applicable and provisional or fixed sums (if any)]</i></p> <p>Consultant would quote financial proposal inclusive of all the above expenses. The consultant may have to visit the client whenever called for.</p>
16.2	A price adjustment provision applies to remuneration rates: Not Applicable
16.3	Information on the Consultant's tax obligations in the Client's country should be checked with tax experts and statutory taxes will be applicable.
16.4	The Financial Proposal shall be stated in the following currencies only: Indian Rupees

C. Submission, Opening and Evaluation

17.1

The Consultants have to submit their Proposals electronically.

The Client shall use the following electronic-procurement system to manage this Selection process:

<https://mptenders.gov.in/nicgep/app>

The Consultants shall submit their Technical and Financial Proposals electronically on the e-procurement portal. HARD COPY SUBMISSION ARE NOT APPLICABLE.

The electronic submission procedures shall be as follows:

The electronic submission procedures shall be as follows:

The Consultants shall submit their Proposals (both Technical and Financial) electronically following the procedure given below.

Detailed guidelines for viewing proposals and for online submission are given on the website:

(a) To participate in the e-tendering process, it is mandatory for the consultants to have Digital Signature Certificate of appropriate class as required for the E-Procurement system (in the name of person who will sign the proposal) in the form of smart card/e-token, from any of the licensed Certifying Agency authorized by the Government of India. Consultants can see the list of licensed CAs from the link www.cca.gov.in

(b) The consultant should register in the website using the relevant option available. Then the Digital Signature registration has to be done with the e-token, after logging into the website. The consultant can then login the website through the secured login by entering the password of the e-token & the user id/ password chosen during registration.

(c) The size of individual files containing the documents comprising the Proposal(s) shall not exceed 10 MB and there is no limit on the number of files to be uploaded.

**17.7 and
17.9**

The Proposals must be uploaded on the e-procurement portal no later than (Bid Submission Deadline)Date: 04-12-2020

Time: 12:00 HRS Indian Standard Time

19.1

The procedure for online opening of technical proposals shall be: *Technical proposal will be opened on the e-procurement portal by the Client's Evaluation Committee at the date and time indicated below.*

Date: 04-12-2020

	<p>Time: 16:00 HRS(IST)</p> <p>Consultants have an option to attend the opening of the Technical Proposals in person. The opening shall take place at</p> <p>Urja Bhawan, Link Road No. 2, Shivaji Nagar, Bhopal – 462016 (MP)</p> <p><i>[In the event of the specified date of proposal opening being declared a holiday for the Client, the proposals will be opened at the appointed time and location on the next working day] or as decided by client.</i></p>
19.2	<p>In addition, the following information will be read aloud at the opening of the Technical Proposals: Not Applicable</p>
21.1	<p>The Consultant should have minimum turnover of Rs. 02 Crores every year for the last three consecutive financial years as certified by CA to qualify for this assignment.</p> <p><u>Note:- In case of a Joint Venture & Consortiums, the Lead Consultant would be evaluated for the above turnover.</u></p> <p>Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals: <u>Evaluation Points</u></p> <p>(I) Specific experience of the Consultant (as a firm) relevant to the Assignment: <u>Only Projects with valid work completion certificate from competent authority would be considered for Evaluation.....</u></p> <ol style="list-style-type: none"> Completed projects for preparing Environment and Social Baseline of Impact Assessment Studies for Solar Project of greater than 50 MW capacities (single project) in last Three (03) financial years. Submit relevant completion certificates for reference. (10 Marks) Completed projects for preparing Environment and Social Baseline or Impact Assessment Studies for suggestive route in transmission and/or distribution of power projects, in last Three (03) financial years. Submit relevant completion certificates for reference. (05 Marks) Completed projects for preparing GIS interactive database and mapping locations for RE projects using Satellite images, Drone, etc in last Three (03) financial years. (05 Marks) <p>Note: Maximum score will be awarded to the Consultant having maximum of completed projects as per sub-criteria from (a) to (c) above. The score of other Consultants will be calculated relative to the score given to the Consultant with the maximum score. Same is applicable for other criteria's (a to c)</p> <p>Total points for criterion (I): 20</p>

	<p>Marks</p> <p>(II) Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs):</p> <p>The Firm will be evaluated based on their approach and methodology as described under Tech-4. <i>The evaluation will be based on the technical proposal, focusing on the following points:</i></p> <ul style="list-style-type: none"> • <i>Methodology adopted for Environment and Social Baseline survey</i> – 10 Marks • <i>Work Plan, Strategy adopted for Land Identification</i> – 10 Marks • <i>Project Management techniques, Resource Personnel Schedule & projected Timelines,</i> – 10 Marks <p><i>{Notes to Consultant: the Client will assess whether the proposed methodology is clear, responds to the TORs, work plan is realistic and implementable; overall team composition is balanced and has an appropriate skills mix; and the work plan has right input of Experts}</i></p> <p>Total points for criterion (II): 30 Marks</p> <p>(III) Key Experts’ qualifications and competence for the Assignment:</p> <p><i>{Notes to Consultant: each position number corresponds to the same for the Key Experts in Form TECH-6 to be prepared by the Consultant}</i></p> <ul style="list-style-type: none"> a) <i>Position K-1: Team Leader</i> – 20 Marks b) <i>Position K-2: Social Expert</i> – 10 Marks c) <i>Position K-3: Environmental Expert</i> – 10 Marks d) <i>Position K-4:GIS Analyst</i> – 10 Marks <p>Total points for criterion (III): 50 Marks</p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <ul style="list-style-type: none"> 1) General qualifications (relevant education, training, and experience): 10% 2) Adequacy for the Assignment (Experience in the sector/similar assignments): 60% 3) Relevant experience in the State (working level fluency in local language(s)/knowledge of local culture or administrative
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	<p>system, government organization, etc.): 30%</p> <p>Total weight:</p> <p>Total points for above criteria (I, II, III) are: 100</p> <p>.....</p> <p>The minimum technical score (St) required to pass is: 70</p> <p>Note: For Scoring of marks to Consultants under this Article 21.1 (II) and (III), the score of other Consultants will be calculated relative to the score given to the Consultant with the maximum score.</p>
23.1	<p>Notifications to the Consultants will be sent as following: The Client shall notify the Consultants online through e-procurement portal.</p> <p>Consultants have an option to attend the opening of the Financial Proposals in person through authorised representative.</p> <p><i>The opening shall take place at:</i> Urja Bhawan, Link Road No. 2, Shivaji Nagar, Bhopal – 462016 (MP) Date: 11th December 2020 Time: 14:00 HRS (IST)</p>
23.5	<p>Following the completion of the evaluation of the Technical Proposals, the Client will notify online through e-procurement portal, to all Consultants for the location, date and time of the public opening of Financial Proposals.</p> <p>Any interested party who wishes to attend this RFP opening should contact <i>Executive Engineer</i> and request to be notified of the location, date and time of the opening of Financial Proposals.</p> <p>Alternatively, a notice of the public opening of Financial Proposals may be published on the Client's website.</p> <p>The online opening procedure shall be as following:</p> <p>Financial proposals will be opened on the e-procurement portal by the Client's Evaluation Committee at the date and time indicated in data sheet.</p>

	<p>The procedure for notifying the Consultants on the results of the Financial opening shall be as following: same as in ITC 23.2</p> <p>An option of presence in person is provided at the place, date and time as specified in ITC 23.2</p>
25.1	<p>For the purpose of the evaluation, the client will consider the quoted value excluding of taxes. However, the Client will include all local identifiable indirect taxes such as GST, or similar taxes levied on the contract's invoices; If a Contract is awarded, at Contract negotiations, all such taxes will be discussed, finalized (using the itemized list as a guidance but not limiting to it) and added to the Contract amount as a separate line, also indicating which taxes shall be paid by the Consultant and which taxes are withheld and paid by the Client on behalf of the Consultant.</p>
26.1	<p>Financial Proposal should be submitted in Indian Rupees only</p>
27.1	<p>QCBS only APPLICABLE The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 100.</p> <p>The formula for determining the financial scores (Sf) of all other Proposals is calculated as following:</p> <p>$Sf = 100 \times Fm / F$, in which "Sf" is the financial score, "Fm" is the lowest price, and "F" the price of the proposal under consideration.</p> <p>The weights given to the Technical (T) and Financial (P) Proposals are: T = 75 % P = 25 %</p> <p>Proposals are ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) as following: $S = St \times T\% + Sf \times P\%$.</p>
	<p>D. Negotiations and Award</p>
28.1	<p>Expected date and address for contract negotiations: 18th December 2020 at: Urja Bhawan, Bhopal, M.P., India</p>
30.1	<p>The publication of the contract award information following the completion of the contract negotiations and contract signing will be done as following:</p> <p>RUMSL Website (https://rumsl.com/)</p> <p>The publication will be done within 10 days after the contract</p>

	signing.
30.2	Expected date for the commencement of the Services: Date: 28 th December 2020 at: Bhopal, M.P., India

Section 3. Technical Proposal – Standard Forms

{Notes to Consultant shown in brackets { } throughout Section 3 provide guidance to the Consultant to prepare the Technical Proposal; they should not appear on the Proposals to be submitted.}

CHECKLIST OF REQUIRED FORMS

FORM	DESCRIPTION	<i>Page Limit</i>
TECH-1	Technical Proposal Submission Form.	
TECH-1 Attachment	If the Proposal is submitted by a joint venture, attach a letter of intent or a copy of an existing agreement.	
Power of Attorney	No pre-set format/form. In the case of a Joint Venture, several are required: a power of attorney for the authorized representative of each JV member, and a power of attorney for the representative of the lead member to represent all JV members	
TECH-2	Consultant's Organization and Experience.	
TECH-2A	A. Consultant's Organization	
TECH-2B	B. Consultant's Experience	
TECH-3	Comments or Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be provided by the Client.	
TECH-3A	A. On the Terms of Reference	
TECH-3B	B. On the Counterpart Staff and Facilities	
TECH-4	Description of the Approach, Methodology, and Work Plan for Performing the Assignment	
TECH-5	Work Schedule and Planning for Deliverables	
TECH-6	Team Composition, Key Experts Inputs, and attached Curriculum Vitae (CV)	

All pages of the original Technical and Financial Proposal shall be initialled by the same authorized representative of the Consultant who signs the Proposal.

FORM TECH-1

TECHNICAL PROPOSAL SUBMISSION FORM

{Location, Date}

To: *[Name and address of Client]*

Dear Sirs:

We, the undersigned, offer to provide the consulting services for *[Insert title of assignment]* in accordance with your Request for Proposals dated *[Insert Date]* and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed in a separate envelope.

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal a joint venture with: {Insert a list with full name and the legal address of each member, and indicate the lead member}. We have attached a copy {insert: “of our letter of intent to form a joint venture” or, if a JV is already formed, “of the JV agreement”} signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture.

{OR

If the Consultant’s Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and address of each Sub-consultant.}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Client and/or may be sanctioned by the Bank.
- (b) Our Proposal shall be valid and remain binding upon us for the period of time specified in the Data Sheet, Clause 12.1.
- (c) We have no conflict of interest in accordance with ITC 3.
- (d) We meet the eligibility requirements as stated in ITC 6, and we confirm our understanding of our obligation to abide by the Bank’s policy in regard to corrupt and fraudulent practices as per ITC 5.

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- (e) In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Client.
 - (f) Except as stated in the Data Sheet, Clause 12.1, we undertake to negotiate a Contract on the basis of the proposed Key Experts. We accept that the substitution of Key Experts for reasons other than those stated in ITC Clause 12 and ITC Clause 28.4 may lead to the termination of Contract negotiations.
 - (g) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment no later than the date indicated in Clause 30.2 of the Data Sheet.

We understand that the Client is not bound to accept any Proposal that the Client receives.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}: _____

Name and Title of Signatory: _____

Name of Consultant (company's name or JV's name): _____

In the capacity of: _____

Address: _____

Contact information (phone and e-mail): _____

{For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached}

FORM TECH-2

CONSULTANT'S ORGANIZATION AND EXPERIENCE

Form TECH-2: a brief description of the Consultant's organization and an outline of the recent experience of the Consultant that is most relevant to the assignment. In the case of a joint venture, information on similar assignments shall be provided for each partner. For each assignment, the outline should indicate the names of the Consultant's Key Experts and Sub-consultants who participated, the duration of the assignment, the contract amount (total and, if it was done in a form of a joint venture or a sub-consultancy, the amount paid to the Consultant), and the Consultant's role/involvement.

A - Consultant's Organization

1. Provide here a brief description of the background and organization of your company, and – in case of a joint venture – of each member for this assignment.
2. Include organizational chart, a list of Board of Directors, and beneficial ownership

B - Consultant's Experience

1. List of assignments successfully completed in the last 3 Financial years in each of the category below in the mentioned format.

3. List only those assignments for which the Consultant was/is legally contracted by the Client as a company or was one of the joint venture partners. Assignments completed by the Consultant's individual experts working privately or through other consulting firms cannot be claimed as the relevant experience of the Consultant, or that of the Consultant's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Consultant should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by the Client.

- a) Completed projects for preparing Environment and Social Baseline or Impact Assessment for Solar Project of greater than 50 MW capacity (each project) in last 03 (three) financial years. Submit relevant completion certificates for reference
- b) Completed projects for preparing Environment and Social Baseline or Impact Assessment studies for suggestive route in transmission and/or distribution of power projects, in last 03 (three) financial years. Submit relevant completion certificates for reference
- c) Completed projects for preparing GIS interactive database and mapping locations for RE projects using Satellite images, Drone, etc in last 03 (three) financial years

Duration	Assignment name/ & brief description of main deliverables/outputs	Name of Client & Country of Assignment	Approx. Contract value (Amount paid to your firm)	Role on the Assignment
{e.g., Jan.2009–Apr.2010}	{e.g., “Improvement quality of.....”: designed master plan for rationalization of; }	{e.g., Ministry of, country}	{e.g., INR, Crores }	{e.g., Lead partner in a JV A&B&C}
{e.g., Jan-May 2008}	{e.g., “Support to sub-national government.....” : drafted secondary level regulations on.....}	{e.g., municipality of....., country}	{e.g., INR, Crores }	{e.g., sole Consultant}

The consultant should attach their relevant experience (that will be listed in the data table shared above) as Project Data Sheets in the format given below.

Assignment Name:		Country:
Location within Country (State/Province):		Profile of Professional Staff provided by firm:
Name of the Client:		No. of months of Professional Staff by the firm: Duration of assignment:
Address of the Client:		Approximate Value of Services: INR
Start Date:	Completion Date:	No. of Staff:
Name of associate Consultants, if any:		No of months of Professional Staff, provided by Associated consultants:
Narrative description of Assignment:		
Brief description of Services provided to Client:		
Full legal name of the firm:		

FORM TECH-3
COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, COUNTERPART
STAFF, AND FACILITIES TO BE PROVIDED BY THE CLIENT

Form TECH-3: comments and suggestions on the Terms of Reference that could improve the quality/effectiveness of the assignment; and on requirements for counterpart staff and facilities, which are provided by the Client, including: administrative support, office space, local transportation, equipment, data, etc.

A - On the Terms of Reference

{improvements to the Terms of Reference, if any}

B - On Counterpart Staff and Facilities

{comments on counterpart staff and facilities to be provided by the Client. For example, administrative support, office space, local transportation, equipment, data, background reports, etc., if any}

FORM TECH-4

DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE

Form TECH-4: a description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training, if the Terms of Reference specify training as a specific component of the assignment.

{Suggested structure of your Technical Proposal:

- a) Technical Approach and Methodology
 - b) Work Plan
 - c) Organization and Staffing }
- a) **Technical Approach and Methodology.**{Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here. }
- b) **Work Plan.**{Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form. }
- c) **Organization and Staffing.**{Please describe the structure and composition of your team, including the list of the Key Experts, Non-Key Experts and relevant technical and administrative support staff. }

FORM TECH-5

WORK SCHEDULE AND PLANNING FOR DELIVERABLES

N°	Deliverables ¹ (D-..)	Months											
		1	2	3	4	5	6	7	8	9	n	TOTAL
D-1	{e.g., Deliverable #1: Report A												
	1) data collection												
	2) drafting												
	3) inception report												
	4) incorporating comments												
	5)												
	6) delivery of final report to Client}												
D-2	{e.g., Deliverable #2:.....}												
n													

- 1 List the deliverables with the breakdown for activities required to produce them and other benchmarks such as the Client's approvals. For phased assignments, indicate the activities, delivery of reports, and benchmarks separately for each phase.
- 2 Duration of activities shall be indicated in a form of a bar chart.
3. Include a legend, if necessary, to help read the chart.

FORM TECH-6

TEAM COMPOSITION, ASSIGNMENT, AND KEY EXPERTS' INPUTS

N°	Name	Expert's input (in person/month) per each Deliverable (listed in TECH-5)										Total time-input (in Months)			
		Position		D-1		D-2		D-3		D-...		Home	Field	Total
KEY EXPERTS															
K-1	{e.g., Mr. Abbbb}	[Team Leader]	[Home] [Field]	[2 month] [0.5 m]		[1.0] [2.5]		[1.0] [0]							
K-2															
K-3															
n															
Subtotal															
NON-KEY EXPERTS															
N-1			[Home] [Field]												
N-2															
n															
Subtotal															
Total															

1 For Key Experts, the input should be indicated individually for the same positions as required under the Data Sheet ITC21.1.

-
- 2 Months are counted from the start of the assignment/mobilization. One (1) month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours.
 - 3 "Home" means work in the office in the expert's country of residence. "Field" work means work carried out in the Client's country or any other country outside the expert's country of residence.

Full-time input
Part-time input

**FORM TECH-6
(CONTINUED)**

CURRICULUM VITAE (CV)

Position Title and No.	{e.g., K-1, TEAM LEADER}
Name of Expert:	{Insert full name}
Date of Birth:	{day/month/year}
Country of Citizenship/Residence	

Education: {List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained}

Employment record relevant to the assignment: {Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.}

Period	Employing organization and your title/position. Contact information for references	District, State and Country	Summary of activities performed relevant to the Assignment
[e.g., May 2005-present]	[e.g., Ministry of, advisor/consultant to... For references: Tel...../e-mail.....; Mr. Hbbbbbb, deputy minister]		

Membership in Professional Associations and Publications:

Language Skills (indicate only languages in which you can work): _____

Adequacy for the Assignment:

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
{List all deliverables/tasks as in TECH- 5 in which the Expert will be involved}	

Expert's contact information:(e-mail....., phone.....)

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

{ day/month/year }

Name of Expert

Signature

Date

{ day/month/year }

Name of authorized
Representative of the Consultant
(the same who signs the Proposal)

Signature

Date

Section 4. Financial Proposal - Standard Forms

{*Notes to Consultants* shown in brackets { } provide guidance to the Consultant to prepare the Financial Proposals; they should not appear on the Financial Proposals to be submitted.}

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided in Section 2.

FIN-1 Financial Proposal Submission Form

FIN-2 Summary of Costs

FIN-3 Breakdown of Remuneration

FIN-4 Reimbursable Expenses

FORM FIN-1
FINANCIAL PROPOSAL SUBMISSION FORM

{ Location, Date }

To: [Name and address of Client]

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal.

Our attached Financial Proposal is for the amount of {Indicate the corresponding to the amount(s) currency(ies)} {Insert amount(s) in words and figures}, [Insert “including” or “excluding”] of all indirect local taxes in accordance with Clause 25.1 in the Data Sheet. The estimated amount of local indirect taxes is {Insert currency} {Insert amount in words and figures} which shall be confirmed or adjusted, if needed, during negotiations. {Please note that all amounts shall be the same as in Form FIN-2}.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Clause 12.1 of the Data Sheet.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Commissions and gratuities paid or to be paid by us to an agent or any third party relating to preparation or submission of this Proposal and Contract execution, paid if we are awarded the Contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>

{If no payments are made or promised, add the following statement: “No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Proposal and Contract execution.”}

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature { In full and initials}: _____

Name and Title of Signatory: _____

In the capacity of: _____

Address: _____

E-mail: _____

{For a joint venture, either all members shall sign or only the lead member/consultant, in which case the power of attorney to sign on behalf of all members shall be attached}

FORM FIN-2 SUMMARY OF COSTS

Item	Cost			
	{Consultant must state the proposed Costs in accordance with Clause 16.4 of the Data Sheet}			
	In Indian Rupees (Rs.)			
Cost of the Financial Proposal				
Including:				
(1) Remuneration				
(2) Reimbursables				
<u>Total Cost of the Financial Proposal:</u> {Should match the amount in Form FIN-1}				
Indirect Local Tax Estimates – to be discussed and finalized at the negotiations if the Contract is awarded				
<u>Total Estimate for GST:</u>				

FORM FIN-3 BREAKDOWN OF REMUNERATION

When used for Lump-Sum contract assignment, information to be provided in this Form shall only be used to demonstrate the basis for the calculation of the Contract's ceiling amount; to calculate applicable taxes at contract negotiations; and, if needed, to establish payments to the Consultant for possible additional services requested by the Client. This Form shall not be used as a basis for payments under Lump-Sum contracts

A. Remuneration					
No.	Name	Position (as in TECH-6)	Person-month Remuneration Rate	Time Input in Person/Month (from TECH-6)	Total in Rs.
—	Key Experts				
K-1			[Home]		
			[Field]		
K-2					
—	Non-Key Experts				
N-1			[Home]		
N-2			[Field]		
	Total Costs				

Sample Form

Consultant:
Assignment:

Country:
Date:

Consultant's Representations Regarding Costs and Charges

We hereby confirm that:

- (a) the basic fees indicated in the attached table are taken from the firm's payroll records and reflect the current rates of the Experts listed which have not been raised other than within the normal annual pay increase policy as applied to all the Consultant's Experts;
- (b) attached are true copies of the latest pay slips of the Experts listed;
- (c) the away- from-home office allowances indicated below are those that the Consultant has agreed to pay for this assignment to the Experts listed;
- (d) the factors listed in the attached table for social charges and overhead are based on the firm's average cost experiences for the latest three years as represented by the firm's financial statements; and
- (e) said factors for overhead and social charges do not include any bonuses or other means of profit-sharing.

[Name of Consultant]

Signature of Authorized Representative

Date

Name: _____

Title: _____

**Consultant's Representations Regarding Costs and Charges
(Model Form I)**

(Expressed in {insert name of currency*})

Personnel		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneratio n Rate per Working Month/Day/Y ear	Social Charge s ¹	Overhea d ¹	Subtot al	Profit 2	Away from Home Office Allowance	Proposed Fixed Rate per Working Month/Day/Ho ur	Proposed Fixed Rate per Working Month/Day/Ho ur ¹
Home Office									
Client's Country									

1. Expressed as percentage of 1
 2. Expressed as percentage of 4
-

FORM FIN-4 BREAKDOWN OF REIMBURSABLE EXPENSES

When used for Lump-Sum contract assignment, information to be provided in this Form shall only be used to demonstrate the basis for calculation of the Contract ceiling amount, to calculate applicable taxes at contract negotiations and, if needed, to establish payments to the Consultant for possible additional services requested by the Client. This form shall not be used as a basis for payments under Lump-Sum contracts

B. Reimbursable Expenses					
N°	Type of Reimbursable Expenses	Unit	Unit Cost	Quantity	{Local Currency- as in FIN-2}
	{e.g., Per diem allowances**}	{Day}			
—	{e.g., International flights}	{Ticket}			
—	{e.g., In/out airport transportation}	{Trip}			
	{e.g., Communication costs between Insert place and Insert place}				
	{ e.g., reproduction of reports}				
	{e.g., Office rent}				
				
	{Training of the Client's personnel – if required in TOR}				
Total Costs					

Legend:

“Per diem allowance” is paid for each night the expert is required by the Contract to be away from his/her usual place of residence. Client can set up a ceiling.

Section 5. Eligible Countries

In reference to ITC 6.3.2, for the information of Consultants, at the present time firms, goods and services from the following countries are excluded from this selection:

Under the ITC 6.3.2 (a): None

Under the ITC 6.3.2 (b): None

Section 6. Bank Policy – Corrupt and Fraudulent Practices

(this Section 6 shall not be modified)

Guidelines for Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011:

“Fraud and Corruption

1.23 It is the Bank’s policy to require that Borrowers (including beneficiaries of Bank loans), consultants, and their agents (whether declared or not), sub-contractors, sub-consultants, service providers, or suppliers, and any personnel thereof, observe the highest standard of ethics during the selection and execution of Bank-financed contracts [footnote: In this context, any action taken by a consultant or any of its personnel, or its agents, or its sub-consultants, sub-contractors, services providers, suppliers, and/or their employees, to influence the selection process or contract execution for undue advantage is improper.]. In pursuance of this policy, the Bank:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

- (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party¹;
- (ii) “fraudulent practice” is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation²;
- (iii) “collusive practices” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party³;
- (iv) “coercive practices” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party⁴;

¹For the purpose of this sub-paragraph, “another party” refers to a public official acting in relation to the selection process or contract execution. In this context “public official” includes World Bank staff and employees of other organizations taking or reviewing selection decisions.

²For the purpose of this sub-paragraph, “party” refers to a public official; the terms “benefit” and “obligation” relate to the selection process or contract execution; and the “act or omission” is intended to influence the selection process or contract execution.

³For the purpose of this sub-paragraph, “parties” refers to participants in the procurement or selection process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

-
- (v) “obstructive practice” is
- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank’s inspection and audit rights;
- (b) will reject a proposal for award if it determines that the consultant recommended for award or any of its personnel, or its agents, or its sub-consultants, sub-contractors, services providers, suppliers, and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare misprocurement and cancel the portion of the Loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the Loan were engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the selection process or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner they knew of the practices;
- (d) will sanction a firm or an individual at any time, in accordance with prevailing Bank’s sanctions procedures⁵, including by publicly declaring such firm or an ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract, and (ii) to be a nominated⁶ sub-consultant, supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract.

⁴For the purpose of this sub-paragraph, “party” refers to a participant in the selection process or contract execution.

⁵ A firm or an individual may be declared ineligible to be awarded a Bank-financed contract upon (i) completion of the Bank’s sanctions proceedings as per its sanctions procedures, including inter alia: cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application of the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceedings. See footnote 12 and paragraph 8 of Appendix 1 of these Guidelines.

⁶ A nominated sub-consultant, supplier, or service provider is one which has been either (i) included by the consultant in its proposal because it brings specific and critical experience and know-how that are accounted for in the technical evaluation of the consultant’s proposal for the particular services; or (ii) appointed by the Borrower.

Section 7. Terms of Reference

Environment and Social Baseline Survey for Identification of Land for Proposed Solar Park in Cluster – 1 (Morena), Cluster – 2 (Chatarpur), District in Madhya Pradesh

This assignment aims to carry out environment and social baseline of the proposed large-scale grid-connected ultra-mega solar power projects in the selected districts of Madhya Pradesh. The assignment is in line with the Solar Park Scheme of the Government of India (GoI), policies of Government of Madhya Pradesh and the ‘Shared Infrastructure for Solar Parks’ project of the World Bank. The proposed solar parks will be executed by Rewa Ultra Mega Solar Ltd (RUMSL), a Joint Venture company of Madhya Pradesh Urja Vikas Nigam Limited and Solar Energy Corporation of India (SECI).

1. Background:

The Government of India (GoI) has identified the power sector as key to achieving its goals of high and sustainable economic growth and accelerated poverty alleviation. To meet its climate change mitigation commitments under the COP-21, Govt. of India has targeted to develop 175GW from Renewable Energy sources by 2022 of which 100 GW will come from Solar Energy. Under this target, the state of Madhya Pradesh is expected to contribute 12 GW of which 5 GW is expected to come from Solar Energy. To meet this target, RUMSL has been actively developing Ultra Mega Solar parks in the National Solar Mission, which targets to develop 40 GW from Ultra Mega Solar Projects by FY 22. RUMSL has already implemented the 750 MW Rewa Solar Park and is in the process of development of 1,500 MW solar parks in Neemuch, Agar and Shajapur. RUMSL has undertaken the entire gamut of activities for development of Rewa Ultra-Mega Solar Power Project; this included conceptualization, market consultations, financial and legal structuring and bid process management, as also development of land and associated infrastructure. Rewa has the distinction of being the first project in the country to break the grid parity barrier. Rewa is the first project in India wherein solar energy would be used for railway traction, namely, to Delhi Metro, and it would also be the first case in the country of renewable power being scheduled outside the Region to an inter-State open access customer. Further to meet its commitments under the National Target for Solar Energy, the state of Madhya Pradesh is also looking at other districts in the state where land may be suitable to develop Ultra Mega Solar Park Projects.

While solar projects in India do not require a regulatory environmental clearance, it is also understood that large-scale projects will have environmental impacts and these impacts need to be avoided as far as possible. Wherever unlikely to be avoided, such impacts need to be mitigated or managed. For large-scale programs or projects (even if environmental clearance is not required), it is unlikely that projects could be undertaken in sites where the loss of natural resources, forests, habitats (such as coasts and wetlands) are significant; or where large-scale resettlement, acquisition of high productive land, diversion of water meant for domestic use would result. However, regulatory clearances process and procedure is to be followed and complied even in case of solar projects, these are:

- Consent to establish and operate under the Water and Air Acts; as regulatory clearance for all solar and wind projects
- If located in forest areas, regulatory clearances under the Forest Conservation Act and the Forest Dwellers' Rights Act (additionally wildlife clearance will be required depending if the forest in the vicinity is a national park or a wildlife sanctuary).
- If located in the close vicinity of rivers, wetlands, state level clearances will be required (additionally wildlife clearance will be required depending if any of these in the vicinity is a wildlife sanctuary).
- If located on the designated groundwater recharge zones, regulatory clearances from State Ground Water Board (SGWB) or Central Ground Water Board (CGWB) will be required.
- Usual clearances will be required if land acquisition is involved.
- (State) permissions will be required to get and use water.

Given the above, it is important to undertake a collation of data and an analysis of site suitability before moving for a large program / project. Hence, it is important to understand if the site is free from any major environment and social issues.

Cluster – 1 at Morena, Cluster – 2 at Chhatarpur districts have been envisaged for development of future Solar Park by the state government of Madhya Pradesh (Refer Annexure-D).

1. Objective of the Assignment:

The objective of the proposed assignment is to assess the existing status of environmental and social aspects in the selected districts in Madhya Pradesh, And provide GIS enabled database to identify threats and issues that may have impact on the proposed large-scale solar projects, Thus, enabling in creating a social and environment base lining of the project area of the proposed solar parks.

2. Scope of Work:

The scope of this work entails collection and generation of relevant baseline, social and environmental (physical, biological) data (primary & secondary) within the study area.

As per our estimate the suggestive capacity for the said clusters is given below:

Cluster 1 : Morena – 1,400 MW

Cluster 2 : Chhatarpur – 1,000 MW

The bidder should provide suggestive patch of minimum 200 Ha in contiguous manner in either each district/ in adjacent or nearby districts.

Above Cluster shall be complete in respect of Land contiguity, Power evacuation and other criteria's illustrated in General, Geographic Information System (GIS) Mapping, Environment, Social stated below.

These cluster formed should have Government land in majority and may have Non-Government land in combination at 10 %. ie, Considering 90 % (Government) and 10 % (Non-Government). The details of land record and Khasra mapping is attached with this RFP. This data should be relevant to decisions about project location, design, construction,

operation, or mitigation measures. The baseline data generation should specifically focus issues around environment and social aspects as below:

I) General:

- a) Base map clearly marked boundary of the proposed area for the solar park project. Base map should also include land use pattern of the area like type of land and its extent (e.g. Forest, private, government revenue land, etc.)
- b) Information on availability water resources (surface and ground water) from the site of work and its usage by local community, industry or downstream use, if any.
- c) Water availability, quality and adequacy vis-à-vis the requirements during different phases of the project life cycle.

II) Geographic Information System (GIS) Mapping:

The Consultant is required to prepare base map using Geographic Information System (GIS) suggesting time and cost effective solution. The prepared base data shall map an area of the land details provided with this RFP and upto 2 km radius of outermost land periphery, however consultant need not to cover 2 km radius area for survey work if suitability for suggestive capacity is found beforehand. The extent of the study area would be concluded in discussions with the Client / World Bank officials.

The GIS Mapping shall be undertaken by the consultants based on the secondary data at an appropriate scale of 1:50,000 covering the following aspects:

- i) Archaeological and Cultural Sites/Locations
- ii) Connectivity ie, site distance from the nearest mode of commutation
 - a. Existing Rail / Road Network (*national highways, state highways, major district roads, etc*)
 - b. Airport / Airstrip connectivity
- iii) Electricity Grid Network
 - a. Indication of proximity to the nearest (high tension [HT]/low tension [LT]) Grid and load centers
 - b. Nearest power evacuation infrastructure the grids maintained and planned by the Power Grid Corporation of India Limited (PGCIL) and the state transmission grids.
 - c. Suggestive route from proposed feasible sites to nearest available transmission network and substation (PGCIL or State Utility).
- iv) Local Climatic Conditions
 - a. Details of monthly solar insolation level (Global Horizontal Irradiance, Direct Normal Irradiance) along with average annual solar radiation at the selected site
 - b. Wind velocity
 - c. Extreme temperatures
 - d. Climatic Characteristics
 - e. Ground Water Characteristics
- v) Site Topography

- a. Drainage & Slope Analysis
- b. Digital Elevation Model
- vi) Land Use / Land Cover Classification
 - a. Rivers and its tributaries / Lakes / Waterbodies
 - b. Other Ecologically Fragile ecosystem areas
 - c. Vegetation Cover and Flora & Fauna Details
 - d. Settlement Areas / Agricultural Activity (Major Crops)
- vii) Revenue Land Parcel Mapping (for Pre-Identified Sites only)
 - a. Availability of Government Vacant Land Parcels / Barren & Waste Land
 - b. Land parcel identification & ownership details including land value
- viii) Administrative Boundaries / Forest Extents / Wildlife Sanctuaries etc
 - a. Watershed boundaries
 - b. Natural Drainage system
- ix) Sub Soil Characteristics - Geo Technical Characteristics
 - a. Hazard Prone Areas i.e. Landslides / Seismic zone etc.
 - b. Other Environmental, Social, Human and Wildlife factors
 - c. Soil Characteristics

III) Environment:

- a) Distance of the proposed site from National Wild life Sanctuary, National Park or any other place of historical or religious importance. All national parks, wildlife sanctuaries and a buffer of 10km around these to be excluded. Further all (recognized) wetlands, rivers (with buffer of at least 500m), reserve forests (whether with or without forest cover), archaeological sites (and at least 300m buffer around these) are to be excluded. As far as possible, biosphere reserves, mining areas, and areas devoted to other projects to be demarcated.
- b) Geology of the area and suitability for heavy construction (for example, loamy soil, and river banks) to be excluded
- c) Drainage related issues including local conveyance of water
- d) Proximity to important assets from ecology or biodiversity perspective,
- e) Proximity to physical or cultural heritage (if any),
- f) Identification of site and project area flooding and seismic risks,
- g) Identification of hazardous and domestic waste management due to proximity of habitations, etc.

IV) Social:

- a) Review land and access requirements, land use, and involuntary resettlement if any,
- b) If applicable, Brief on R&R requirement on selected patch of land, which should include population / number of families , hamlets etc.
- c) Prepare, based on available data, a socio-economic and cultural profile of the population and available infrastructure facilities for services (disaggregated by gender, ethnicity, vulnerable groups, socially and economically backward communities, youth and aged, and economic aspects) in the project area;

-
- d) Carry out social analysis of project area, based on proposed activities envisaged under the proposed sites;
 - e) Review current and proposed development activities within the project's area of influence, including those not directly connected to the project;
 - f) Document the extent of land to be acquired; collect land ownership records and review of the land take/lease process to assess any legacy or current/existing issues (like informal settlers, livelihood dependence, other usage, etc.) on the allotted land).

3. Methodology:

The suggestive approach for the proposed assignment would cover (detailed approach to be provided by the consultant):

1. Desk based review of secondary data, policies, regulations, guidelines and Government Orders related to Social and Environment aspects of the proposed project;
2. Site Visit and Primary data collection (though relevant stakeholder consultations is must, household survey is not envisaged); and
3. Analysis and Reporting

4. Expected Skill Set/Team Composition:

- a. A Project Manager (Position – K1) with master's degree or equivalent MBA/M.Tech or Phd (in relevant related field) with an extensive experience of working in India on socio-economic as well as environment survey and baseline, with a minimum experience of 12 years. Training related to ISO:14001,etc along with An experience of working in renewable energy projects will be preferred.
- b. A Social Expert (Position - K2) having a minimum experience of 10 years with a bachelor's degree or of 08 year with master's degree in Anthropology, Sociology, Social science ,etc with an extensive experience of working in India on conducting socio-economic survey, prepare baseline information, and drafting Social Impact Assessment (SIA) using participatory approach,etc in relevant completed assignments.
- c. An Environment Expert (Position - K3) A Civil Engineer having a minimum experience of 10 years with a bachelor's degree or of 08 year with master's degree along with an extensive experience of working in India in preparing Environment Impact Assessment (EIA) reports and developing Environment Management Framework (EMF), etc in relevant completed assignments.
- d. A GIS Analyst (Position – K4) preferably having science or technical background and minimum PG Diploma in GIS/Remote sensing along with extensive of 04 years (four) experience of working on required software / topographical images in India

The proposed team shall necessarily be the employees of the bidding firm/members of the consortium.

Any entity, which has either been barred by the Central/State Government in India, or any entity controlled by them, from participating in any project, and the bar subsists as on the date

of Proposal, would not be eligible to submit the Proposal; and

A Consultant should have, during the last three (3) years from date of bid submission, neither failed to perform on any agreement (as evidenced by imposition of a penalty by an arbitral or judicial or regulatory authority or a judicial pronouncement or arbitration award against the Consultant) nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such Consultant.

5. Reporting Requirements and Time Schedule for Deliverables

Activity/Deliverable	Timeline	Deliverable Contents of reports
Signing of Contract	Start Date - T ₀	
Inception Report	T ₀ + 03 Weeks	Reconnaissance visit report, and based on that and scope of work, proposed approach and methodology for the assignment
Comments by RUMSL	T ₀ + 04 Weeks	
Presentation and submission of Draft report completing all the activities identified in the scope of work	T ₀ + 15 Weeks	<ul style="list-style-type: none"> • Data Report compiling components of Location, Climate and Environment Social assessment, power evacuation arrangements etc. • Marking of useful area for solar project on geo-referenced maps superimposing khasra including KMZ files for overlaying on Google Earth
Comments by RUMSL	T ₀ + 16 Weeks	
Presentation and Submission of Final Report	T ₀ + 20 Weeks	<ul style="list-style-type: none"> • Incorporate comments of RUMSL in the draft report and submission of final report

Note:

The Consultant's team will have to present their deliverables upon submission of draft and final reports. Two color printed copies of each deliverable shall be submitted by the Consultant in neatly bounded standard format as approved by Client. In addition, the final report should also be submitted in a CD ROM or appropriate data storage device.

PART II

Section 8. Conditions of Contract and Contract Forms

CONTRACT FOR CONSULTING SERVICES

CONTRACT No. *[insert]*

THIS CONTRACT (“Contract”) is entered into this *[insert starting date of assignment]*, by and between *[insert Client’s name]* (“the Client”) having its principal place of business at *[insert Client’s address]*, and *[insert Consultant’s name]* (“the Consultant”) having its principal office located at *[insert Consultant’s address¹]*.

WHEREAS, the Client has received financing from the World Bank which is being used for this contract and the Client wishes to have the Consultant perform the services hereinafter referred to, and

WHEREAS, the Consultant is willing to perform these services,

NOW THEREFORE THE PARTIES hereby agree as follows:

- 1. Services**
 - (i) The Consultant shall perform the services specified in Annex A, “Terms of Reference and Scope of Services,” which is made an integral part of this Contract (“the Services”). The details of study area have been indicated in Annex D
 - (ii) The Consultant shall provide the personnel listed in Annex B, “Consultant’s Personnel,” to perform the Services.
 - (iii) The Consultant shall submit to the Client the reports in the form and within the time periods specified in Annex C.

2. Term The Consultant shall perform the Services during the period commencing *[insert starting date]* and continuing through *[insert completion date]*, or any other period as may be subsequently agreed by the parties in writing.

3. Payment A. Ceiling

For Services rendered pursuant to Annex A, the Client shall pay the Consultant an amount not to exceed *[insert amount]*. This amount has been established based on the understanding that it includes all of the Consultant's costs and profits as well as any tax obligation that may be imposed on the Consultant.

B. Schedule of Payments

The schedule of payments is specified below²:

Activity/Deliverable	Timeline	Payment
----------------------	----------	---------

¹ Avoid use of “P.O. Box” address

		Schedule in INR
Signing of Contract	Start Date - T ₀	
Inception Report	T ₀ + 03 Weeks	15% of contract price
Comments by RUMSL	T ₀ + 04 Weeks	
Presentation and submission of Draft report completing all the activities identified in the scope of work	T ₀ + 15 Weeks	45% of contract price
Comments by RUMSL	T ₀ + 16 Weeks	
Presentation and Submission of Final Report	T ₀ + 20 Weeks	40% of contract price

[insert detailed list of payments specifying amount of each installment, deliverable/output for which the installment is paid and currency]

C. Payment Conditions

Payment shall be made in *[specify currency]*, no later than 30 days following submission by the Consultant of invoices in duplicate to the Coordinator designated in paragraph 4.

Payments shall be made to Consultant's bank account *[insert banking details. If payment by bank wire is not possible, prior Bank approval to apply cash payments option shall be obtained]*

4. Project Administration

A. Coordinator.

The Client designates Mr Ajay Shukla, Executive Engineer, RUMSL as Client's Coordinator; the Coordinator will be responsible for the coordination of activities under this Contract, for acceptance and approval of the reports and of other deliverables by the Client and for receiving and approving invoices for the payment.

B. Reports.

The reports listed in Annex C, shall be submitted in the course of the assignment, and will constitute the basis for the payments to be made under paragraph 3.

5. Performance Standards

The Consultant undertakes to perform the Services with the highest standards of professional and ethical competence and integrity. The Consultant shall promptly replace any employees assigned under this Contract that the Client considers unsatisfactory.

6. Inspections and

The Consultant shall permit, and shall cause its Sub-Consultants to permit,

Auditing	the Bank and/or persons or auditors appointed by the Bank to inspect and/or audit its accounts and records and other documents relating to the submission of the Proposal to provide the Services and performance of the Contract. Any failure to comply with this obligation may constitute a prohibited practice subject to contract termination and/or the imposition of sanctions by the Bank (including without limitation s determination of ineligibility) in accordance with prevailing Bank’s sanctions procedures.
1. Confidentiality	The Consultants shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the Client's business or operations without the prior written consent of the Client.
8. Ownership of Material	Any studies reports or other material, graphic, software or otherwise, prepared by the Consultant for the Client under the Contract shall belong to and remain the property of the Client. The Consultant may retain a copy of such documents and software ³ .
9. Consultant Not to be Engaged in Certain Activities	The Consultant agrees that, during the term of this Contract and after its termination, the Consultants and any entity affiliated with the Consultant, shall be disqualified from providing goods, works or services (other than consulting services that would not give rise to a conflict of interest) resulting from or closely related to the Consulting Services for the preparation or implementation of the Project
10. Insurance	The Consultant will be responsible for taking out any appropriate insurance coverage.
11. Assignment	The Consultant shall not assign this Contract or sub-contract any portion of it without the Client's prior written consent.
12. Law Governing Contract and Language	The Contract shall be governed by the laws of <i>[insert government]</i> , and the language of the Contract shall be ⁴ <i>[insert language]</i>
13. Dispute Resolution⁵	Any dispute arising out of the Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the laws of the Client's country.
14. Termination	The Client may terminate this Contract with at least ten (10) working days prior written notice to the Consultant after the occurrence of any of the

³ Restrictions about the future use of these documents and software, if any, shall be specified at the end of paragraph 8.

⁴ The law selected by the Client is usually the law of its country. However, the Bank does not object if the Client and the Consultant agree on another law. The language shall be English, French, or Spanish, unless the Contract is entered into with a domestic firm, in which case it can be the local language.

⁵ In case of a Contract entered into with a foreign Consultant, the following provision may be substituted for paragraph 13: “Any dispute, controversy or claim arising out of or relating to this Contract or the breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.”

events specified in paragraphs (a) through (d) of this Clause:

- (a) If the Consultant does not remedy a failure in the performance of its obligations under the Contract within seven (7) working days after being notified, or within any further period as the Client may have subsequently approved in writing;
- (b) If the Consultant becomes insolvent or bankrupt;
- (c) If the Consultant, in the judgment of the Client or the Bank, has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing Bank's sanctions procedures) in competing for or in performing the Contract.
- (d) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.

FOR THE CLIENT

FOR THE CONSULTANT

Signed by _____

Signed by _____

Title: _____

Title: _____

LIST OF ANNEXES

Annex A: Terms of Reference and Scope of Services

Annex B: Consultant's Personnel and corresponding unit rates

Annex C: Consultant's Reporting Obligations

Annex D: List of Districts

Annexure A: Terms of Reference and Scope of Services

Cluster 1

Sno	District Name	Tehsil Name	Village	Area in Ha
1	Morena	Kailaras	Sagauriya	539.52
2	Morena	Jaura	Nirar	578.59
3	Morena	Jaura	Baghevar	26.82
4	Morena	Jaura	Nichli Bahrai	226.666
5	Morena	Jaura	Bhumpura	236.23
6	Morena	Jaura	Upari Bahrai	840.70
	Total			2448.526

Cluster 2

Sno	District Name	Tehsil Name	Village	Area in Ha
1	Chhatarpur	Bijawar	Jharkhunwa	200.705
2	Chhatarpur	Bijawar	Patan	367.563
3	Chhatarpur	Bijawar	Purvavan	525.199
4	Chhatarpur	Bijawar	Viharwara	165.566
5	Chhatarpur	Bijawar	Maihar Khunwa	87.106
6	Chhatarpur	Bijawar	Garda	62.632
	Total			1408.771