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# **Request for Proposal**

**For**

**Consultancy services for Environmental and Social Impact Assessment (ESIA) for three Solar Parks, including internal evacuation infrastructure and associated transmission lines, of aggregate capacity of 1500 MW in the state of Madhya Pradesh, India**

**by**

**Rewa Ultra Mega Solar Ltd**

<b>No. RUMSL/2018-19/293</b>	<b>Issue date: 17.09.2018</b>
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**OFFICE OF THE EXECUTIVE ENGINEER,  
REWA ULTRA MEGA SOLAR LTD, Bhopal (M.P.)  
Urja Bhawan, near - 5 no. bus stop, Shivaji Nagar,  
Bhopal – 462016**

**NOTICE INVITING PROPOSALS**

**Engagement of consultant for Environmental and Social Impact Assessment (ESIA) of three solar parks, including internal evacuation infrastructure and associated transmission lines, of aggregate capacity of 1500 MW the state of Madhya Pradesh, India**

**No. RUMSL/2018-19/293**

**Issue date: 17.09.2018**

Madhya Pradesh is fast becoming the destination of choice for major investments in the areas of renewable energy. The state is having a vast potential of renewable energy in grid connected renewable energy technologies – solar, wind, biomass and small hydro. Ministry of New and Renewable Energy, Government of India has approved Agar, Shajapur and Neemuch-Mandsaur Solar Park in the state of Madhya Pradesh, In this regard, the State is desirous of engaging consultant for Environmental and Social Impact Assessment (ESIA) of the proposed solar parks in Agar, Shajapur and Neemuch districts of the state of Madhya Pradesh, India as per the World Bank requirement.

Rewa Ultra Mega Solar Limited Rewa Ultra Mega Solar Limited (RUMSL), a JV of Solar Energy Corporation India (SECI) and Madhya Pradesh Urja Vikas Nigam Limited (MPUNL), is developing Solar Parks in the state of Madhya Pradesh. RUMSL is a Solar Power Park Developer (SPPD) designated by MNRE under its Solar Park Scheme.

RUMSL now invites proposals from eligible and interested consultants in the prescribed format.

Detailed description is provided in the Request for Proposal (RFP) document. The RFP document and format of RFP are available on website **www.rumsl.com**.

The last date for receipt of Proposal is 01/10/2018 by 12:30 hrs. at the address given below:

***Executive Engineer,***

***Rewa Ultra Mega Solar Limited (RUMSL),***

***Urja Bhawan, Near - 5 no. Bus Stop, Shivaji Nagar, Bhopal – 462016***

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***Tel. No: 0755-2980002***

***Fax: 0755-2551439***

***Website: [www.rumsl.com](http://www.rumsl.com)***

***E-mail ID: [[rumsinfo@mpnred.com](mailto:rumsinfo@mpnred.com)]***

Interested consultants may obtain further information or seek any clarifications from the address given above from between 1030 - 1330 hours and 1430-1700 hours, local time (Monday to Saturday) exclusive of public holidays.

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# Request for Proposal for “Environmental and Social Impact Assessment (ESIA) for three Solar Parks, including internal evacuation infrastructure and associated transmission lines of aggregate capacity of 1500 MW in the state of Madhya Pradesh, India”

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Rewa Ultra Mega Solar Limited (RUMSL) is developing three Solar Parks with aggregate capacity of 1,500 MW located in Agar, Shajapur and Neemuch districts in the state of Madhya Pradesh with individual park capacity of 550 MW, 500 MW and 450MW respectively. World Bank has agreed to provide financial support to the proposed 1,500 MW Solar Parks in the state of Madhya Pradesh, India.

This assignment is designed to assess the impact of the proposed solar parks, including internal evacuation and associated transmission lines of the Solar parks, up to the CTU sub-station and recommend a framework for managing impacts in the project area and its surrounding; as per the requirements of the Government of India and the World Bank, as applicable for the proposed solar parks in the state of Madhya Pradesh to be executed by RUMSL, a JV of Solar Energy Corporation of India (SECI) and Madhya Pradesh Urja Vikas Nigam Limited (MPUVNL). A baseline study has already been conducted for the solar parks but not extending to the transmission lines, covering key environmental and social aspects, which will be shared with the Selected Consultant; however, any additional data collection, as required, shall be undertaken by the Selected Consultant. The Selected Consultant shall conduct ESIA study separately for all three solar parks, i.e., Agar Solar Park (550 MW), Shajapur (500 MW) and Neemuch (450 MW), with an aggregate capacity of 1500 MW.

## **Background**

The Government of India (GoI) has identified power sector as key to achieving its goals of high and sustainable economic growth and accelerated poverty alleviation. Under National Solar Mission, GoI sets a target of 1,00,000 megawatts of grid-connected solar power by 2022. Ministry of New and Renewable Energy (MNRE) has suggested Madhya Pradesh to be a potential state for engagement wherein a comprehensive solar development initiative is being thought about. The Government of Madhya Pradesh (GoMP) through its New and Renewable Energy Department (NRED) and RUMSL has identified sites at Agar, Shajapur and Neemuch districts in the state. As per the initial environmental and social baseline study, the sites seem to be suitable for development of solar parks.

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## Rationale and Objective

The regulatory clearances, processes and procedures to be followed and complied even in case of solar parks include inter alia:

- Commitment for water availability for construction and operations phase:
- Consent to withdraw groundwater, if any, or use of surface water resources after applicable clearance and allocation of resource.
- If located on the designated groundwater recharge zones, regulatory clearances from Madhya Pradesh Water Resources Department (WRD) or Central Ground Water Board (CGWB) will be required.
- If located in the close vicinity of rivers or wetlands, state level clearances will be required.
- 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 of national park or a wildlife sanctuary).
- Establishing clearance requirements related to alignment of the transmission lines for transfer of generated solar power to National and State grid.
- Usual clearances will be required if land acquisition is involved.

The requirements of the above-mentioned regulatory clearances, including any other clearance requirements applicable for the proposed Solar Parks, shall be evaluated by the appointed consultant for each of the three solar parks.

An initial assessment of the baseline conditions, based on secondary information available, has been undertaken for the proposed sites. The baseline conditions study suggests the key environmental and social aspects that need to be focused upon as part of the Environmental and Social Impact Assessment (ESIA) study. The baseline assessment of the Neemuch solar park is available in the below link<sup>1</sup> and the baseline assessment of the Agar-Shajapur solar park is available in the below link<sup>2</sup> (the capacity mentioned in the assessment studies were based on earlier approved park capacities, however the ESIA study for each solar park needs to be done on the basis of mentioned capacities, aggregating to 1500 MW).

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<sup>1</sup> [http://rums1.com/pdf/Neemuch\\_SolarPV%20\\_18052017.pdf](http://rums1.com/pdf/Neemuch_SolarPV%20_18052017.pdf)

<sup>2</sup> [http://rums1.com/pdf/BaselineAssessment27042017\\_final.pdf](http://rums1.com/pdf/BaselineAssessment27042017_final.pdf)

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The key objective of this study is to conduct ESIA with a view to identify the critical environmental and social concerns in each of the three Solar Parks, including the involved transmission line, and address them as an integral part of project design.

**The specific objective includes:**

- To assess the existing environment and social status in the study area and area of influence to identify threats and issues which have potential to adversely impact important environmental and social features of the project influence area.
- Carry out environmental and social analysis of solar parks area and potential activities envisaged under the project, including internal evacuation infrastructure from the solar park up to CTU sub-station.
- Conduct labour influx risk assessment and the key focus would be to assess impacts on local communities associated with the temporary influx of labour that typically results from construction works.
- Analyse various options available in the site layout and arrangements for ancillary facilities, like water supply, with special reference to sources – whether local groundwater or water from distant sources would be used; in case of the latter situation, conveyance facilities will also be analyzed for impacts, drainage, access, etc. to minimize adverse impacts and enhance positive impacts, where feasible
- Identification of the project affected families; assessment of loss of livelihood / property resources for people living within the proposed site and in its immediate vicinity through primary surveys covering all project affected families/ consultations.
- Assess impacts on the indigenous/marginalized communities within the site and its influence area.
- Prepare a site-specific ESIA report by documenting environmental features of the project area, socio-economic and cultural status of community in and around the probable project site. This assessment should also include considerations of safety – both for the workers in the site and related facilities, as well as of nearby residents, especially those that live close to ancillary facilities like borrow areas.
- To identify the environmental and social issues associated with implementation of Solar Parks and develop environmental codes of practices for common activities, like site preparation, installation of panels, management of waste, occupational health and safety, etc. and social exclusion list that need to be followed during various stages, such as planning, construction and operation & maintenance.

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- To undertake consultations with potentially affected people to understand their views, obtain their inputs regarding environmental and social issues, and to take these into account during the preparation of the plans that would be executed before the developers start working on the site.
  - To assist the client in establishing the site boundary on-site by integrating the total station outputs (available with client department) with the baseline study output. To conduct ESIA, in line with agreed Environment and Social Management Framework(ESMF) as available in the link<sup>3</sup>
  - Including well-defined performance indicators, for addressing the identified issues, through various activities/tasks under the proposed project, and strategy for its implementation to achieve sustainable environmental benefits.
  - To identify portions of the codes of practice/management framework that need to be integrated with the bidding documents to ensure that the prospective Bidders are aware of what all will be required during project implementation and operation from an environmental, health and safety, as well as social perspective.
  - To prepare an Environmental Management Plan (EMP); Resettlement Action Plan (RAP); Gender Action Plan and /or Indigenous Peoples Development Plan (IPDP); Stakeholder Engagement Plan, in line with agreed Environment and Social Management Framework (ESMF) as available in the link<sup>3</sup>; and, Grievance Redress Mechanism for the mitigation/enhancement activities that will be undertaken by RUMSL. The exact scope for this plan will be determined by the actual distribution of responsibilities for the contouring, site development activities, common facilities, etc. that will be decided by RUMSL. The EMP / RAP / GAP / IPDP will include the description of relevant activities, institutional responsibilities, budgetary allocations, timelines and reporting arrangements for the same.

## **1. Conditions of Eligibility of Bidder**

- 1.1. Bidders must read carefully the minimum conditions of eligibility (the “**Conditions of Eligibility**”) provided herein. Proposals of only those Bidders who satisfy the Conditions of Eligibility will be considered for evaluation.
- 1.2. **Eligibility Criteria:** To be eligible for evaluation of its Proposal, the Bidder shall fulfil the following Minimum Criteria:

### **Bid Security:**

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<sup>3</sup>([http://www.ireda.in/writereaddata/ESMF\\_Solar%20Park\\_World%20Bank.pdf](http://www.ireda.in/writereaddata/ESMF_Solar%20Park_World%20Bank.pdf))

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- I. The Bidder shall furnish, as part of its Proposal, a Bid Security of INR5,00,000 (Indian Rupee Five Lakhs) in the form of FDR or TDR of any nationalized/scheduled bank in favour of the Rewa Ultra Mega Solar Limited, payable at Bhopal.
- Any Proposal, not accompanied by the Bid Security, shall be treated as non-responsive and summarily rejected;
  - The Bid Security instrument should be initially valid for 90 Days from the date of opening of the proposal;
  - The Bidder, by submitting its proposal pursuant to this RFP, shall be deemed to have acknowledged that, without prejudice to any other right of the RUMSL or remedy hereunder or in law or otherwise, the Bid Security shall be forfeited and appropriated by RUMSL under the following conditions:
    - If a Bidder withdraws its Proposal during the period of its validity and as extended by the Bidder from time to time; or
    - In the case of a Bidder being selected, the Selected Consultant fails to sign the Agreement/Work Order or commence the assignment on time.
  - The Bid Security will be returned to the unsuccessful Bidders within thirty (30) Days from the issuance of Work Order to the Selected Consultant.
  - The Bid Security will be returned to the Selected Consultant within thirty (30) Days from the date of receipt of acceptance on Work Order along with submission of Performance Security of required amount.

**Performance Security:**

- The Selected Consultant has to submit acceptance of order with the Performance Security valid for twelve (12) Months within seven (7) Days from the issuance of Work Order. The Performance Security shall be of INR 8,00,000 (Indian Rupee Eight Lakhs) in the form of FDR or TDR of any nationalized/scheduled bank in favour of the Rewa Ultra Mega Solar Limited, payable at Bhopal. The Performance Security will be returned within ninety (90) Days from the expiry of the consultancy engagement considering the extended time period, on satisfactory completion.

**Technical and Financial Bidding Parameters:**

- II. The Consultant can be a single bidding company, or a consortium of companies. However, the consultant / members of the bidding consortium should each be a Company registered under the Companies Act, 1956/2013.

III. The Consultant (the Lead Consultant, in case of a Consortium) must have the following experience:

- The consultant shall have completed at least 6 (Six) Environment and Social Impact Assessment (ESIA), OR 6 (Six) Environment Impact Assessment (EIA) and 6 (Six) Social Impact Assessment (SIA) studies in last 3 financial years.
- The consultant shall have completed at least 3(three) Environment and Social Impact Assessment (ESIA), OR 3 (three) Environment Impact Assessment (EIA) and 3 (three) Social Impact Assessment (SIA) studies in last 3 financial years in the Renewable Energy sector (excluding transmission line).
- The consultant shall have completed at least 2 (two) Environment and Social Impact Assessment (ESIA), OR 2 (two) Environment Impact Assessment (EIA) and 2 (two) Social Impact Assessment (SIA) studies in last 3 financial years pertaining to transmission line (for conventional or renewable energy).
- Minimum turnover from Consultancy Services of not less than Rs. 10 Crore in at least two (2) out of previous three preceding financial years. The documentary evidence in the form of certificate from the Statutory Auditor of the Consultant (Lead Consultant, in case of a Consortium), certifying the revenues from the consultancy services during each of the last three (3) financial years shall need to be provided;
- Environmental and Social advisory experience, as a firm, of more than five(5) years;

IV. Team Composition with Required Qualification:

The following expertise is required for the assignment. The Bidder is expected to undertake their own assessment and propose their best team to successfully deliver the above scope of work:

S No.	Expertise	Qualification
1.	Team Leader	<ul style="list-style-type: none"> <li>• A post-graduate / doctoral degree holder in Environmental or Social Sciences or a related field with at least 15 years of experience in delivering ESIA's for development projects</li> <li>• S/he should have demonstrated experience of working with and leading multi-sectoral teams</li> <li>• S/he should be conversant with relevant regulations in</li> </ul>

S No.	Expertise	Qualification
		<p>Madhya Pradesh and multilateral funding agencies like the World Bank</p> <ul style="list-style-type: none"> <li>• S/he should be fluent in English and similar level of competency in Hindi would be an advantage</li> <li>• at least 5 Environment and Social Impact Assessment (ESIA) in the Renewable Energy field</li> </ul>
2.	Social Expert	<ul style="list-style-type: none"> <li>• A post-graduate/doctoral degree holder in Social Sciences, or a related field with at least 15 years of undertaking (E)SIA studies, preferably for development projects, with funding support from multilateral agencies like World Bank</li> <li>• S/he should have experience of organizing consultations with potentially affected persons</li> <li>• Familiarity with the relevant regulations in Madhya Pradesh would be an advantage</li> <li>• Fluency in Hindi would be required and that in English would be desirable</li> <li>• at least 3 Environment and Social Impact Assessment (ESIA) or Social Impact Assessment (SIA) in the Renewable Energy field</li> </ul>
3.	Environmental Expert	<ul style="list-style-type: none"> <li>• A post-graduate/doctoral degree holder in Environmental science/engineering or related field with at least 15 years of experience in undertaking E(S)IA studies, preferably for development projects, with funding support from multilateral agencies like World Bank</li> <li>• S/he should have experience of organizing and analyzing environmental survey results and incorporating the findings into the report</li> <li>• Familiarity with Contracting procedures, especially in the PPP mode would be an advantage</li> <li>• Prior experience of developing codes of practice and</li> </ul>

S No.	Expertise	Qualification
		<p>other tools for management of generic issues would be an asset.</p> <ul style="list-style-type: none"> <li>at least 3 Environment and Social Impact Assessment (ESIA) OR Environment Impact Assessment (EIA) in the Renewable Energy field</li> </ul>
4.	Resettlement Expert	<ul style="list-style-type: none"> <li>A post-graduate/doctoral degree holder in Social Sciences, or a related field with at least 8 years of undertaking resettlement studies, , meeting international standards like the World Bank and IFC Performance Standards</li> <li>Should have led the development of at least 3 RAPs or Livelihood restoration Plans in the last 5 years, with at least one in the power sector.</li> <li>Familiarity with the relevant regulations in Madhya Pradesh would be an advantage</li> <li>Fluency in Hindi would be required and that in English would be desirable</li> </ul>
5.	Geo-hydrologist	<ul style="list-style-type: none"> <li>A post-graduate degree holder in relevant discipline with at least 8 years of experience of geo-hydrological investigations</li> <li>Prior experience of working in multi-disciplinary teams will be an advantage</li> </ul>
6.	Health and Safety Expert	<ul style="list-style-type: none"> <li>An engineering graduate with industrial safety courses, like NEBOSH, diploma in safety, etc.</li> <li>Experience of working in the energy sector of at least 8 years</li> </ul>
7.	Hazardous Waste Specialist	<ul style="list-style-type: none"> <li>A scientist/engineer with relevant experience in handling hazardous substances/waste issues in line with GoI requirements with about 8 years of experience.</li> <li>Experience of working in power plants would be desirable</li> </ul>
8.	Ecological expert	A post-graduate/doctoral degree holder in Biodiversity/Ecology or a related field with at least 5 years of

S No.	Expertise	Qualification
		undertaking (E)SIA studies, preferably for development projects, with funding support from multilateral agencies like World Bank.
9.	Transmission and Sub-station Expert	A transmission and substation expert with graduate qualification in Electrical and experience of 15 years in transmission sector and substation development
10.	Support Staff	As per requirement

The proposed team shall necessarily be the employees of the bidding firm/members of the consortium, except for the Transmission and Sub-station Expert that could be hired by the Bidder on individual basis.

- V. Any entity, which has either been directly barred by the Central/State Government in India, or any entity controlled by them or by World Bank or IFC, from participating in any project, and the bar subsists as on the date of Proposal, would not be eligible to submit the Proposal; and
- VI. A Bidder should have, during the last three (3) years, 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 Bidder) nor been expelled from any project or agreement nor have had any agreement terminated for breach of Contract/Work Order by such Bidder.

## 2. Schedule of Selection Process

<b>A</b>	Issue of RFP Document	17/09/2018
<b>B</b>	Time and date for submission of proposal	On or before 12:30 Hrs of 01/10/2018 for both online and offline bids for both (technical and financial).  <b>Technical Bid is required to be submitted in online and Offline mode both,</b> completed in all aspects. Offline bid should be addressed to Executive Engineer, RUMSL, Rewa Ultra Mega Solar Limited, Urja Bhawan, Shivaji Nagar, Bhopal, 462016 on or before 12:30 Hrs of 01/10/2018. (In case of any

		<p>discrepancy between the online and offline submission of technical bid, information submitted through offline mode will be considered as final submission)</p> <p><b>Financial Bid shall be submitted online only</b>, through MP e-procurement portal</p> <p><a href="https://www.mpeproc.gov.in">https://www.mpeproc.gov.in</a> (<b><i>Please refer to instructions for submission of tender online given at the end of RfP</i></b>)</p>
<b>C</b>	Time and date for opening of the Technical Bids.	01/10/2018 at 15:30 Hrs
<b>D</b>	Time and date for Presentation.	03/10/2018 at Delhi <sup>4</sup>
<b>E</b>	Time and date for opening of the Financial Proposal.	03/10/2018 at 17:00 Hrs
<b>F</b>	Validity of Proposal	Minimum 90 Days from the last date for submission of proposal.

### 3. Scope of Study

The ESIA study (and the report) will specifically cover the following:

- **Executive Summary:** This section of the report will describe in a non-technical manner, however concisely, the critical facts, significant findings, and recommended actions of the ESIA.
- **Defining the Project/Project Description:** Providing a Project description with focus on understanding the environmental and social setting and sensitivities for the proposed solar power project, including the location of the sub-station and associated transmission lines connecting from Pooling Sub-station to CTU, having minimum

<sup>4</sup> Time and Venue for the presentation will be communicated to Selected Consultants via official email and via official website

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Right of Way (RoW) issues with an overview of the land acquisition and resettlement requirements and its impacts on indigenous peoples, if any. This would also include any related facilities that may be required (e.g., access roads, transmission lines, water supply arrangements, housing, raw material, etc.). The project area of influence would also be determined on the basis of the activities involved. The selected consultant must suggest 03 routes for laying of transmission line.

The ESIA would be conducted on the basis of the ESMF, which is available on the link<sup>3</sup>. The ESMF provides the policy and institutional framework and the detailed process for conducting environment and social impact assessment for the projects. The framework covers all kinds of potential impacts, such as land acquisition, R&R, issues of vulnerable communities, gender and labour influx risk at project site, etc. arising out of project activities. The framework *inter alia* specifically covers the methodology for carrying out ESIA.

- **Generating Data for ESIA:** Collection and generation of relevant social and environmental (physical, biological) data (primary & secondary) within the study area. This data should be relevant to decisions about project location, design, construction, operation, or mitigation measures.

The data generation should specifically focus on issues related to

- Water- its quality, availability and adequacy vis-à-vis the requirements during different phases of the project life cycle
- Land and physical environment (including current land cover of the solar site/s, past land-use and potential for any contamination on ground)
- Physiographic characteristics
- Prepare **Socio-economic profile** in terms of demographic characteristics, land use pattern, economic profile, occupational pattern and other socio-economic parameters.
- Identify and analyze the issues of vulnerable communities and gender
- Land, access requirements, land use, and involuntary resettlement
- Assess the likely impacts of the sub-project, in terms of land acquisition/ transfer (loss of lands, houses, livelihood, etc.), and resultant involuntary resettlement extent and undertake the census of potential project affected people;

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- Based on the assessment of potential social and economic impacts, the SIA should establish criteria that will assist in the formulation of strategies; to the extent possible maximize project benefits to the local population and minimize adverse impacts of the project interventions on the affected communities;
  - Conduct labour influx risk assessment with key on impacts on local communities associated with the temporary influx of labour that typically results from construction works. The Selected Consultant shall also prepare labour influx mitigation plan, including the employee's code of conduct that needs to be included in the site-specific ESMP.
  - The consultants would study the living patterns of vulnerable population (including tribal, scheduled castes, women, landless, households below poverty line, etc.) in the project area and assess whether they are involved in community decision making process. If the findings reveal that certain groups are excluded in the development process, then the consultants should develop a strategy for their inclusion in project development and operation as well as in preparing social risk management plan.
  - Identify likely loss of community assets including the religious structures and common property resources (e.g., forest, grazing land, drinking water source, etc.); the impacts of their loss on the local population, and prepare mitigation plans.
  - The baseline should address proximity of the solar sites to ecologically sensitive areas, i.e., national parks, wildlife sanctuaries, wetlands of conservation importance, forest areas and animal corridors.
  - Ecology and biodiversity: including details on biological environment: (i) major habitat types; (ii) screening of potential critical habitat if any; (iii) mapping the extent of modified and/or natural habitat (including critical) per the definitions in paras # 11 and 13 of IFC's Performance Standard 6 (noting that the area could be a mosaic of modified / natural habitat); (iv) mapping area of interest for the assessment that includes the ecological boundary that considers the extent of biodiversity values and where such values may be negatively impacted by project activities within the broader landscape.
  - The ecology study should determine if there are species protected as per the Indian Wildlife Protection Act, 1972 and threatened as per IUCN Red List (latest version) located within a 10-km radius of the proposed solar projects.

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- Migratory bird activity in a 5-km radius of the proposed solar projects needs to be determined.
  - Impacts to sensitive habitats and species from construction activities and determine electrocution risk of flora and fauna on transmission line components;
  - Presence of any sites of cultural, archaeological or physical importance to locals or residents;
  - Risk of the solar site to natural hazards including wind and cyclonic events, seismic events and flood events (including localized flooding) and the infrastructure or district-level plans in place for prevention of such events;
  - Identification of hazardous and non-hazardous waste streams that will be generated during the solar plant construction, operation and decommissioning as well as storage and disposal procedures that are required as per the prevalent regulations;
  - 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. It will also look at current and proposed development activities within the project's area of influence, including those not directly connected to the project.
- **Information Disclosure, Consultation and Participation:** Describe the consultation and participation mechanisms adopted, including the activities undertaken to disseminate project and resettlement information during project design and engaging stakeholders. The results of consultations with affected persons, the host communities, civil society organizations and other stakeholders, and RUMSL response to address the concerns raised will be summarized.
  - **Conduct *stakeholders' consultation*** that ensures that all key stakeholders are aware of the objectives and potential environmental and social impacts of the proposed project, and that their views are incorporated into the projects' design as appropriate. Stakeholders' will include all those who are directly or indirectly dependent on the project site(s). Therefore, identify the key stakeholders (Government, NGOs, CSOs, Academicians, etc.) in the project area; analyze their perspectives of the project. The analysis shall be carried out for both primary and secondary stakeholders at project level through structured discussions on the (a) importance of addressing social issues (b) impressions of past efforts, if any (c) suggestions for what to do differently in future (d) key issues (goals and safeguards) to be addressed; and (e) issues of co-ordination and / or conflict among various

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stakeholders. The analysis shall be summarized in a structured manner and shall clearly bring out the implications for project design.

- **Review of negotiated land acquisition, if any:** The consultant, based on documentation provided by RUMSL, site visits and consultations with the affected people, will review the following (i) processes followed for land procurement including an assessment of the adequacy of information disclosed to the landowners and the bargaining power of landowners to negotiate for fair compensation, (ii) policies and laws (if any) that are applicable for negotiated settlements in the area, (iii) confirmation of third party validation of the negotiations carried out, (iv) mechanisms adopted for calculating the replacement costs of land and other assets impacted, and (v) record keeping requirements of the negotiation process.
- **Analyzing the Alternatives:** Comparing reasonable alternatives to the proposed project site, technology, design, and operation in terms of their potential social and environmental impacts; the feasibility of mitigating these impacts; their capital and recurrent costs; their suitability under local conditions; and their institutional, training, and monitoring requirements. It would also state the basis for selecting the particular site and project design justifying recommended approaches to pollution prevention and abatement. The analysis of alternatives should identify the chosen transmission line route with the least environmental and social impacts and providing support maps indicating impacts on eco-sensitive areas, water bodies and residential structures.
- **Assessing Social and Environmental Impacts and Mitigation Measures:** Assessing the Social and Environmental impacts (both positive and negative) of solar energy project, with potential assessment of cumulative impacts (linked to development or other solar projects and the overall park), if relevant and as appropriate. Additionally, assess impacts and risks associated with construction and operation of the transmission lines. Identify mitigation measures and any residual negative impacts that cannot be mitigated. Also evaluate impacts and risks from associated facilities and other third-party activities. The mitigation measures shall be presented in the form of Environmental and Social Management Plan (ESMP), which shall include but not limited to:
  - Water Management including transportation, storage, recycling for use in the plant as well as rainwater harvesting
  - Occupational health and safety
  - Labor working and living conditions

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- Construction labour management
  - Waste Management including for Hazardous waste
  - Disaster management plan and Emergency Response plan
  - Ecology and biodiversity management plan with specific emphasis on proximity to the sensitive habitats and protected areas, as applicable;
  - Develop an R&R entitlement framework in consultation with the affected people and other stakeholders and prepare a resettlement action plan (RAP) which is acceptable to the project affected people;
  - Description of the entitlements for various categories of impacts, mitigation measures to address livelihood impacts, etc.
  - Interventions needed for skill development and overall social up-liftment of the communities in the project influence area
  - To develop a consultation framework for participatory planning and implementation of proposed mitigation plan;
  - Assess the client capacity including institutions and mechanisms for implementing social development and environmental aspects of the project implementation including the social and environmental safeguard management plans and recommend capacity building measures; and,
  - Develop a biodiversity management plan, if relevant
  - Develop monitoring and evaluation mechanism to assess social development outcomes
  - Preparation of Gender Action Plan and Indigenous Peoples Development Plan (if required)
  - Assessment and mitigation measures for health and safety issues of the workforce and community, as well as compliance with national labor laws, and World Bank Group EHS Guidelines
  - Environmental management monitoring plan and prepare compliance/non-compliance reporting mechanism.

The ESMP shall include an adequate institutional structure and resources including financial budget to enable RUMSL to undertake measures identified in it, and report on the same to stakeholders on a regular basis.

- **Grievance Redressal Mechanism:** Description of the community grievance redress framework/mechanism (both informal and formal channels), setting out the time frame and mechanisms for resolving complaints about environmental and social performance.
- **Draft inputs for inclusion in the Bidding Documents:** These would essentially operationalize the ESMF measures that would need to be implemented by the private sector partner – concessionaire. These would include contractual requirements, specific indicators that would be monitored during implementation and operation by the Selected Consultant, and (dis)incentives for compliance with requirements as well as how any disputes relating to performance on these aspects would be managed.
- **Conclusion and Recommendation:** Providing conclusions drawn from the assessment and providing recommendations.

The baseline data collection described above will need to be supplemented through primary environmental data collection while undertaking the site visit. The environmental monitoring considerations have been provided in the below table.

**Environmental monitoring parameters:**

<b>Environmental Attribute</b>	<b>Details</b>
Source of water and existing Groundwater Quality	Evaluate the source of water including its quantity and amount of water required for daily use including washing/cleaning of the solar panels and its impact on nearby agriculture farm in case groundwater is planned to be utilized for project operations.  Groundwater quality should be measured as per IS 10500:2012. Number of locations should be defined based on the size of the solar plant and proximity to communities, standalone settlements and/or agricultural fields.
Surface Water Quality	Surface water quality should be measured for water bodies that are located within the proposed solar project site.

<b>Environmental Attribute</b>	<b>Details</b>
Soil Quality	The following parameters should be identified:  Particle size distribution, texture, % moisture, alkalinity, acidity, specific gravity, bulk density, porosity, infiltration capacity, pH, electrical conductivity, nitrogen, phosphorus, potassium (NPK), calcium, magnesium, chloride, sulphate, carbonate, iron, copper, zinc, boron, sodium, cation exchange capacity, alkali metals, sodium absorption ratio (SAR), permeability and water holding capacity.
Migratory Birds moments	Careful migratory bird activity assessment at the selected solar site as well as the route of the transmission line if applicable.
EHS (Environmental Health and Safety)	Assess the significance of potential risks related to labor health and safety issue.
Labor Influx Risk	conduct labor influx risk assessment with key focus on local communities resulting from temporary labor hired from outside the project area

**In case of transmission lines:**

- Based upon the route alignment in consultation with technical consultants of RUMSL, clearly depict the three alternative route alignments, along with documentation of sensitive receptors in the vicinity of the proposed route – on topographical maps and Google Earth; (The technical consultants would provide the route alignment in the topographical map and google earth).
- The Selected Consultant would determine the three co-ordinates (latitude, longitude, altitude) of all major features, like waterbodies, important forest patches, cultural and/or community properties, with latest details, up to 200 m (two hundred meters) and in case of presence of sensitive environment features, up to 500 m (five hundred meters), from the proposed centreline of the alignment on both sides of selected route’s alignment. If the consultant feels this distance needs to be modified, they can provide the alternative width as part of their proposal with justification for the same.
- The Selected Consultant would also depict the selected route on decision support tools, such as IBAT, if sensitive environmental areas are located within or vicinity of

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the project area including evacuation infrastructure from solar parks to CTU sub-station;

- an assessment of the damage to the type/number/quantity of standing crop/trees/flora/fauna along the route alignments well as within the influence area of the activity, which would include haul roads and other facilities required etc. (for transmission line); assessment of the impact on the families (including estimate of the numbers) or structures (if any) in the proposed route alignment (tower footing and transmission line corridor). As per GoMP circular dated 11/05/2017, width considered for compensation is 35mtrs and 46 mtrs for 220 and 400kv transmission lines respectively;
- Estimated cost of compensation (as per the prevailing policy of GoMP) to be paid to the families for their land damaged under tower footing and transmission line corridor, etc.
- Estimated cost of compensation for damage to the standing crop/trees, compensatory afforestation, compensation to be paid for land under tower footing, etc as per the prevailing policies;
- documentation of consultations with different village/ community members

**Note:** *The Selected Consultant must provide monthly updates and also make presentations to the Rewa Ultra Mega Solar Limited officials on the status of the project and deliverables.*

#### **4. Variation**

It is estimated that the total land area required for three solar parks of aggregate capacity of 1500 MW would be around 3,300 hectares. However, the location and area of land parcels for which ESIA study is to be carried out might vary up to 5% of the above mentioned land area. Further, the total length of transmission lines connecting different parks to CTU sub-stations is 213 kilometre (detailed information about the length of transmission lines is attached as Annexure 1). However, the total length of transmission lines may also vary up to 15%. It is clarified that no additional amount shall be paid to the Selected Consultant, if the deviation in the land parcels and total length of transmission lines is within the above mentioned limit.

It is further clarified that, if the ESIA requirement for total length of transmission line exceeds the 213 kms and the deviation limit as mentioned above, in that scenario only, RUMSL shall pay additional cost to the Selected Consultant in accordance with the clause 15.

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## 5. Deliverables

The following outputs are expected during the course of the assignment:

<b>Deliverable / Report Title</b>	<b>Printed Copies</b>	<b>Soft Copies (in pen drive/ CD)</b>	<b>Time Frame from submission of acceptance of Work Order &amp; Performance Security</b>	<b>Payment as % of total cost of the assignment</b>
Inception Report	3	6	2 weeks	20
Draft ESIA and Consultations Report	3	6	8 weeks	40
Final ESIA and Consultations Report	3	6	Within 2 weeks of receiving comments from RUMSL and WB and disclosure of the document	20
Inputs to the Bidding documents for developers	6	12	2 weeks from ESIA report	20

In addition, the Selected Consultant should have their team ready to make presentations to the RUMSL and the World Bank Group teams regarding the progress of the assignment, and significant findings. These are expected to be in advance of submission of the Draft and Final reports, as well as finalization of inputs to bidding documents for Solar Parks. It is further clarified that the Selected Consultant shall have to submit deliverables separately for three different solar parks.

## 6. Submission of Deliverables

The submission of deliverables will be as defined in clause 5. The printed copies as per clause 5 shall be submitted in neatly bounded in standard format as approved by the RUMSL. Further, the time provided for the submission of deliverables can be extended over and above the time lines mentioned in clause 5, but only in case the justifiable reasons which are beyond the control of the Selected Consultant. Selected Consultant must request RUMSL, at least fifteen (15) Days prior to the deadline of submission of Deliverables, with the reason

and justification, behind such requirement for the time of extension in submission of aforementioned Deliverables in Clause 5. The decision regarding the extension of time for the submission of deliverables will solely depend up on the RUMSL.

## 7. Criteria for Evaluation

### 7.1. Evaluation of Technical Proposals

7.1.1. In the first stage, the Technical Proposal will be evaluated on the basis of Bidder's experience, presentation and financial capability.

7.1.2. The scoring criteria to be used for evaluation shall be as follows:

<b>1. Years of Experience of Firm in ESIA/EIA/ESA business</b>	<b>5</b>
<b>2. Count of ESIA/EIA/ESA assignments performed successfully for Central / State Governments / Union Territory/ PSUs/ Private Companies by consultancy firm</b>	<b>10</b>
<b>3. Count of ESIA/ESA/EIA assignments performed successfully in assisting State/ Central agency/ department, PSUs or Private Companies in ESIA/ ESA in energy sector by consultancy firm</b>	<b>10</b>
<b>4. Count of ESIA/ESA/EIA assignments performed successfully in assisting State/ Central agency/ department, PSUs or Private Companies in ESIA/ ESA in renewable energy sector by consultancy</b>	<b>5</b>

<sup>5</sup>**For Scoring of marks (for firm) in a particular category**, Maximum score will be awarded to the Bidder having maximum of years of experience / count of projects. The score of other Bidders will be calculated relative to the score given to the Bidder with the maximum score.

**For Scoring of marks (for Individual Team Member(s)) in a particular category**, Maximum score will be awarded to the Individual Team Member(s) of Bidder having the maximum of years of experience and count of projects. The score of Individual Team Member(s) of other Bidders will be calculated relative to the score given to the Individual Team Member(s) of a Bidder with the maximum score.

<b>firm</b>	
<b>5. Count of ESIA/ESA/EIA assignments performed successfully in assisting State/ Central agency/ department, PSUs or Private Companies in ESIA/ ESA in solar energy sector by consultancy firm</b>	<b>5</b>
<b>6. Count of ESIA/EIA/ESA assignments performed successfully in assisting State/ Central agency/department, PSUs or Private Companies in ESIA/EIA/ESA for transmission sector by consultancy firm (including as a part of ESIA for a larger power project having capacity more than 10 MW)</b>	<b>5</b>
<b>7. Written Approach and Methodology towards the objective defined in RFP and Presentation before RUMSL on understanding of the Scope of Study</b>	<b>25</b>
<b>8. Team Composition and Experience of Key Professionals.(refer clause 1.2 (IV))</b>	<b>35</b>
<b>Team leader</b>	<b>8</b>
<b>Social Sector Specialist</b>	<b>4</b>
<b>Environmental matters Specialist</b>	<b>4</b>
<b>Transmission Specialist</b>	<b>4</b>
<b>Resettlement Expert</b>	<b>3</b>
<b>Health and Safety Expert</b>	<b>3</b>
<b>Hazardous Waste Specialist</b>	<b>3</b>
<b>Geo-hydrologist</b>	<b>3</b>
<b>Ecological expert</b>	<b>3</b>

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7.1.3. All Bidder shall be required to make presentations up to 20 minutes, before opening of Financial Proposals, to demonstrate their credentials based on eligibility criteria as per Clause 1.2 and 7.1.2 of RFP along with the following and submit three (3) hard copies during the presentation –

- Brief company profile,
- Experience of rendering services as ESIA Consultant (details of all projects done till now in Format 4 ; summary in format 10)
- Understanding of assignment along with methodology indicating broad scope of work plan and roadmap of said work.
- Proposed key personnel along with team leader and manpower commitment (Format 5)
- The time and venue for the presentation shall be intimated to the Bidder.

7.2. **Short Listing of Bidders**

Only those Bidders whose Technical Proposals score 60 marks or more out of 100 shall qualify for further consideration and shall be short-listed with ranking from highest to the lowest on the basis of their technical score ( $S_T$ ).

7.3. **Evaluation of Financial Proposal**

7.3.1. In the second stage, the financial evaluation will be carried out as per this Clause 7.3 Each Financial Proposal will be assigned a financial score ( $S_F$ ).

7.3.2.  $S_{\text{Solar-Park}}$  = Financial Bid for Solar Park including evacuation infrastructure (only sub-stations) for three solar parks.

$S_{\text{Transmission-Line}}$  = Financial Bid for task required for Transmission Line.

7.3.3. For financial evaluation, Financial Proposal will be considered as given below:

$$S_F = S_{\text{Solar-Park}} + S_{\text{Transmission-Line}}$$

7.3.4. RUMSL will determine whether the Financial Proposals are complete, unqualified, and unconditional. The cost calculated through the above-mentioned formula shall be deemed as final and reflecting the total cost of services. Omissions, if any, in costing any item shall not entitle the firm to be compensated and the liability to fulfil its obligations as per the RFP within the total calculated price shall be that of the Consultant. The lowest financial proposal ( $F_M$ ) will be given a financial score ( $S_F$ ) of 100 points. The financial scores of other proposals will be computed as follows:

$$S_F = 100 \times F_M / F \text{ (F = amount of Financial Proposal of the Bidder)}$$

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#### 7.4. **Combined and Final Evaluation**

Proposals will finally be ranked according to their combined technical ( $S_T$ ) and financial ( $S_F$ ) scores as follows:

$$S = S_T \times 0.60 + S_F \times 0.40$$

Where S is the combined score

#### **8. Conflict of Interest**

Neither the Selected Consultant nor any of the personnel engaged by the Selected Consultant shall engage in any personal, business or professional activity, which conflicts or could conflict with any of their obligations in relation to this consultancy engagement.

The Selected Consultant and the personnel shall notify RUMSL immediately of any actual or potential conflict, together with recommendations as to how the conflict can be avoided or mitigated.

The Selected Consultant shall observe, in competing for and acceptance of Work Order, the laws against fraud and corruption (including bribery). The Selected Consultant shall also 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, acceptance of Work Order.

In case of failure to comply with any of the above, the office reserves the right to terminate the Work Order immediately, without any financial obligations or liabilities and may also forfeit the Bid Security/Performance Guarantee provided by the Selected Consultant.

#### **9. Rights of RUMSL**

RUMSL reserves the right to cancel this notice, and not to proceed in the matter, at any stage accept or reject any or all Proposal, without giving any explanations, whatsoever.

#### **10. Termination of Work Order**

RUMSL may, by way of written notice, terminate the Work Order under the following conditions:

- The Selected Consultant is unable to address the assigned works;
- Quality of the assigned works is not to the satisfaction of the RUMSL;
- The Selected Consultant fails to meet the prescribed timelines assigned under the prescribed time period; and

- 
- The Selected Consultant commits any material or persistent breach of its obligations under the Work Order.

## **11. Proposal Submission**

The Proposal is to be submitted in a sealed envelope (*Main Envelope*) which should be transcribed in the following manner:

***“Proposal for Consultancy services for Environmental and Social Impact Assessment (ESIA) for three Solar Parks, including internal evacuation infrastructure and associated transmission lines, of aggregate capacity of 1500 MW in the state of Madhya Pradesh, India”***

***To,***

***Executive Engineer,***

***Rewa Ultra Mega Solar Limited,***

***UrjaBhawan, Near - 5 no. bus stop,***

***Shivaji Nagar, Bhopal – 462016***

***“Name of the Consultant”***

11.1. The Main Envelope shall contain the following documents:

- Envelope containing technical proposal must have
  - Covering letter as per attached format
  - Technical proposal
  - Proposal as per format
- Technical Envelope containing
  - Financial Proposal as per attached format (shall be submitted online only)

11.2. Separate sealed Technical Envelope duly superscripted the price bid shall contain the offer for the price to be charged for the proposed study (shall be submitted online only).

11.3. Sealed envelope along with the Covering Letter and Proposal form should be enclosed in Main Envelope and submitted in sealed form to the Office of Rewa Ultra Mega Solar Limited within the specified time limit;

- 
- 11.4. The Consultant has the option of sending his Proposal by courier/registered post/speed post or submitting in person so as to reach at the designated address by the time and date stipulated in this RFP. Proposal submitted by telex/ fax/ email shall not be considered under any circumstances. The RUMSL shall not be responsible for any delay in receipt of Response. Any Proposal received after the time and date for submission stipulated in the RFP shall not be opened and returned unopened;
- 11.5. No change or supplemental information to the response to RFP already submitted will be accepted after the scheduled date and time of submission of response to RFP. Notwithstanding the above, the RUMSL reserves the right to seek additional information from the bidder, if found necessary, during the course of evaluation of response; and
- 11.6. If the envelopes are not closed and not superscripted as per the requirement, the RUMSL will assume no responsibility for its misplacement or premature opening.

## **12. Validity**

The proposal shall remain valid for the period of 90Days from the last date of submission of the proposal as specified in this RFP. The proposal with validity of less than 90Days may be rejected as non-responsive.

## **13. Amendments to the RFP**

At any time prior to the deadline for submission of the proposal, RUMSL may for any reason, modify the RFP, The prospective respondents having received the RFP shall be notified of the amendments through website and such amendments shall be binding upon them.

## **14. Fee**

The financial proposal by the Consultant shall be exclusive of the applicable taxes. This financial proposal shall cover remuneration for all the Personnel (Expatriate and Resident, in the field, office etc.), accommodation, travel costs etc. All the applicable taxes shall be payable additional to Selected Consultant based on prevailing tax guidelines/policies.

## **15. Payment Milestones:**

The payment shall be made as per Deliverable milestones provided in clause 5.

If the ESIA of the associated transmission lines exceeds the total length that is mentioned in clause 4 (including 15% deviation), with the prior consent of RUMSL, the Selected Bidder shall be paid for additional Kms (which are over and above 213 Km + 15 % deviation). Payment for the additional Kms shall be calculated as per the below mentioned formula:

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$$\frac{S_{\text{Transmission-Line}} \times \text{Additional Kms (i.e., Total Kms covered by Selected Consultant - XX - 15\% of XX)}}{(XX + 15\% \text{ of XX km})}$$

### **16. Liability of the Consultant**

Except where there is proven misconduct, gross negligence, dishonesty or fraud on behalf of the Selected Consultant or the personnel deployed by the Selected Consultant, the Consultant's liability under the Work Order shall be limited to the amount of the Work Order value.

### **17. Penalty on Delay in Completion:**

If the study is completed beyond the scheduled completion as extended, a penalty of 1% per week subject to maximum of 10% of the Work Order value shall be deducted from the balanced payment.

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## Annexure 1<sup>6</sup>

### Transmission Line Schedule - Neemuch Solar Park

From	To	Capacity (MW <sub>AC</sub> )	Voltage level (kV)	Number of circuits	Tentative Transmission line length (km)
Unit 1 : Neemuch	Pooling Substation at Unit 1	150	132/220	1	0.5
Unit 2 : Neemuch	Pooling Substation at Unit 1	150	132/220	2	3.0
Unit 3 : Neemuch	Unit 2 : Neemuch Substation	150	132/220	1	2.5
Neemuch Pooling Substation	Chittorgarh 765/400kV Evacuation Substation	450	400	1	110.0

### Transmission Line Schedule - Agar-Shajapur Solar Park

From	To	Capacity (MW <sub>AC</sub> )	Voltage level (kV)	Number of circuits	Tentative Transmission line length (km)
Unit 4 : Agar - Agar	Pooling Substation at Moman Badodiya	250	220	2	21.0
Unit 5 : Agar - Susner	Unit 4 : Agar - Agar Substation	300	220	1	25.0
Unit 6 : Shajapur - Moman Badodiya	Pooling Substation at Moman Badodiya	300	220	1	0.5
Unit 7 : Shajapur - Shajapur	Pooling Substation at Moman Badodiya	200	220	1	50.0

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<sup>6</sup> The details given in the Annexure 1 may vary based on the project development and on the location of evacuation sub-station

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## **Formats for Response to RFP**

The following formats are required to be included in the Applicant's Response to RFP.

1. Format for the Covering Letter
2. Format for Details of Applicant
3. Format for Statement of Legal Capacity
4. Format for Experience of the Firm
5. Format for Team Composition
6. Format for Curriculum Vitae
7. Format for the Financial Proposal
8. Format for Power of Attorney
9. Format for Affidavit for not being blacklisted
10. Format for details of project Consortium / Company
11. Format for Format for Count of Assignments performed for Technical Evaluation
12. Certificate from the Statutory Auditor of the Consultant (Lead Consultant, in case of a Consortium), certifying the revenues from the consultancy services during each of the last three (3) financial years

Applicant may use additional sheets to submit the information for its detailed Response.

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## 1. Format for Covering Letter

(To be printed on letterhead of Applicant)

Date: (dd-mm-yyyy)

Letter Ref. No.:

To

The Executive Engineer

Rewa Ultra Mega Solar Ltd.

UrjaBhawan, Near - 5 no. bus stop

Shivaji Nagar, Bhopal – 462016

**Sub:** Proposal in response to the RFP for consultancy services for Environmental and Social Impact Assessment (ESIA) of the proposed three Solar Parks, including internal evacuation infrastructure and associated transmission lines, of aggregate capacity of 1500 MW in the state of Madhya Pradesh.

**Ref:** RFP No. \_\_\_\_\_, Dated: \_\_\_\_\_

**Kind Attention:** Executive Engineer, RUMSL

Dear Sir,

Having reviewed and fully understood in detail all the information provided in the RFP document, hereby submit Proposal in full compliance with the provisions specified in the RFP document for consultancy services for Environmental and Social Impact Assessment (ESIA) of the proposed 1500 MW Solar Projects in the state of Madhya Pradesh, India

We are enclosing herewith the following information with duly signed formats as desired by you for your consideration:

#	Documents as required under RFP document	Enclosed (Yes/No)
1	Applicant Details  Checklist of supporting documents  - _____  - _____	(Yes/No)

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2	- Price Bid	(Yes/No)
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We understand that the selection shall be as per the details mentioned in the RFP document. We agree to abide by the provisions laid down under the RFP document issued by the Rewa Ultra Mega Solar Limited, Bhopal.

We, declare that the information as submitted in this Proposal is true to the best of my knowledge. In case any information given in this Proposal or attached documents are found to be incorrect at any point of time, we understand that the RUMSL may reject my response to RFP, and/or cancel the order, if issued.

Yours truly

*(Signature)*

*(Address)*

*(Contact details: telephone no. , fax no.)*

## 2. Format for Details of Applicant

#	Description	Details
1.	Name of the Applicant Registered office address: Telephone no.: Fax no.: e-mail: Correspondence address: Telephone no: Fax no: e-mail id:	
2.	Name of the chief executive officer/ Managing Director	
3.	Type of the Applicant ( <i>Individual/Hindu Undivided Family/Partnership/Pvt. Ltd. Co./Public Ltd. Co./</i> )*	
4.	Name of directors of the organization ( <i>if applicable</i> )	
5.	Name and address for correspondence with Authorized Representative# of Applicant. Telephone no.: Fax no.: Email:	
8.	Whether the Applicant or any of its promoter(s)/director(s)/ associates is blacklisted by any central government or state government/ department/ agency/World Bank/IFC in India? ( <i>yes/no</i> )	
9.	Any other information (use separate sheet)	

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3. Format for Statement of Legal Capacity  
**(To be forwarded on the letterhead of the Applicant/ Lead Member of Consortium)**

Date: *(dd-mm-yyyy)*

To

The Executive Engineer,

Rewa Ultra Mega Solar Limited,

UrjaBhawan, Near - 5 no. bus stop

Shivaji Nagar, Bhopal – 462016

Dear Sir,

We hereby confirm that we/ our members in the Consortium (constitution of which has been described in the Proposal) satisfy the terms and conditions laid out in the RFP document.

We have agreed that ..... (insert member's name) will act as the Lead Member of our consortium.\*

We have agreed that ..... (insert individual's name) will act as our representative and has been duly authorized to submit the Proposal in response to the RFP. Further, the authorised signatory is vested with requisite powers to furnish such letter and authenticate the same.

Thanking you,

Yours faithfully,

(Signature, name and designation of the authorised signatory)

**\*Please strike out if this sentence is not applicable.**

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#### 4. Format for Experience of the Firm

Sr.No	Project name	Details
1.	Energy/Renewable Energy/ Solar/ Includes transmission element	
2.	Client	
3.	Location of the Project	
4.	Duration of Assignment	
5.	Contract Value (INR)	
6.	Brief Description of Project include scope of work and deliverable	

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### 5. Format for Team Composition and detailed Curriculum Vitae

Sr. No	Name	Position	Educational Qualification	Count of Projects	Years of Experience
<b>1</b>					
<b>2</b>					
<b>3</b>					
<b>4</b>					
<b>5</b>					
...					
...					

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6. Format of Curriculum Vitae (to be provided by all the Team Members including Team Leader)

1. Name of Staff: \_\_\_\_\_

2. Proposed Position

\_\_\_\_\_

3. Employer: \_\_\_\_\_

4. Date of Birth: \_\_\_\_\_ Nationality: \_\_\_\_\_

5. Education

<u>School, college and/or University Attended</u>	<u>Degree/certificate or other specialized education obtained</u>	<u>Date Obtained</u>

6. Countries of Work Experience: \_\_\_\_\_

7. Languages: \_\_\_\_\_

8. Employment Record

From [Year]: \_\_\_\_\_ To[Year]: \_\_\_\_\_

Employer: \_\_\_\_\_

Positions held: \_\_\_\_\_

9. Work Undertaken that Best Illustrates Capability to Handle the Tasks defined in the scope of work

Name of assignment or project: \_\_\_\_\_

Year: \_\_\_\_\_

Location: \_\_\_\_\_

Client: \_\_\_\_\_

Main project features: \_\_\_\_\_

Positions held: \_\_\_\_\_

Activities performed: \_\_\_\_\_

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## 7. Format for Financial Proposal

(Name of the Bidder)

(Address of the bidder)

To

The Executive Engineer,  
Rewa Ultra Mega Solar Limited,  
Urja Bhawan, Near - 5 no. bus stop,  
Shivaji Nagar, Bhopal – 462016

Subject: Proposal in response to the RFP for consultancy services for Environmental and Social Impact Assessment (ESIA) of the proposed three Solar Parks, including internal evacuation infrastructure and associated transmission lines, of aggregate capacity of 1500 MW in the state of Madhya Pradesh

Dear Sir,

We, the undersigned, offer to provide the services as consultant for Environmental and Social Impact Assessment (ESIA) of the three Solar Parks including internal evacuation infrastructure and associated transmission lines of the aggregate capacity of proposed 1500 MW Solar Project in the state of Madhya Pradesh.

Our Financial Proposal for Project is  $S_{\text{Solar-Park}}$  Rs. \_\_\_\_\_ (*Amount in both words and figure*) and  $S_{\text{Transmission line}}$  of Rs. \_\_\_\_\_ (*Amount in both words and figure*), totalling to  $S_{\text{Park}}$  Rs. \_\_\_\_\_ (*Amount in both words and figure*) for the scope stated in the RFP. This amount shall be exclusive of all taxes.

1. Our Financial Proposal shall be binding upon us subject to any modifications resulting from Work Order negotiations, up to the expiration of the validity period of the Proposal, i.e. \_\_\_\_\_ (*date*).
2. This financial proposal covers remuneration for all the Personnel (Expatriate and Resident, in the field, office etc.), accommodation, travel costs, equipment, printing of documents, etc. The Financial Proposal is without any condition.
3. We undertake that in competing for and, if the award is made to us, in executing the above consultancy services, we will strongly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988". We understand that you are not bound to accept any Proposal you receive.

Yours sincerely \_\_\_\_\_

Authorized Signatory

(Name and Title of Signatory)

(Name of Firm)

(Address)

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## 8. Format for Power of Attorney

### **POWER OF ATTORNEY**

Know all men by these presents, We.....(*name and address of the registered office*) do hereby constitute, appoint and authorise Mr / Ms.....(*name and residential address*) who is presently employed with us and holding the position of ..... as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental for the project including signing of all documents in our Response to Proposal for consultancy services for Environmental and Social Impact Assessment (ESIA) of the three Solar Parks including internal evacuation infrastructure and associated transmission lines of aggregate capacity of 1500 MW Solar Project in the state of Madhya Pradesh in the country of India, including submission of all documents and providing information / Responses to RUMSL, Bhopal, representing us in all matters before RUMSL, and generally dealing with RUMSL in all matters in connection for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

**For (Insert name of the Applicant/ bidder on whose behalf PoA is executed)**

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(Signature)

(Name)

(Designation)

(Accepted)

***Specimen signatures of attorney attested***

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(Signature of Notary Public)

(Name)

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*(Designation)*

*(Address of the Attorney)*

*Place:* \_\_\_\_\_

*Date:* \_\_\_\_\_

**Note:**

1. *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.*

*In case the applicant is individual then separate declaration to this effect shall be required to be submitted*

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9. Format for Affidavit for not being blacklisted

**Affidavit**

We <provide Name of the Firm/Company/Organization/ Consortium> having its registered office at < Office Address> represented by its director Mr. <Name of the Director> do hereby solemnly and sincerely affirm and state as follows that :

a. We <provide Name of the Firm/Company/Organization/ Consortium> or our Directors are not blacklisted by any Central/ State Government/ agency of Central/ State Government of India / Public Sector Undertaking/ any Regulatory Authorities in India or any entity controlled by them or by World Bank or IFC, from participating in any project.

b. We <provide Name of the Firm/Company/Organization/ Consortium> or our Directors during the last three (3) years, 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 Bidder) nor expelled from any project or agreement nor we have had any agreement terminated for breach of Contract/Work Order.

[BIDDERS NAME]

(Signature of Notary Public)

Name:

Place:

Designation:

Date:

Signature:

## 10. Format for details of Project Consortium / Company

Particulars	Status Yes / No	Count of project / No. of Years
Bid Security		
Nature of company Consortium/ Single Company		
No. of ESIA ( in last 3 financial Years)		
No. of EIA ( in last 3 financial Years)		
No. of SIA (in last 3 financial Years)		
No. of ESIA (in last 3 financial Years) (Renewable Energy Sector)		
No. of EIA (in last 3 financial Years) (Renewable Energy Sector)		
No. of SIA (in last 3 financial Years) (Renewable Energy Sector)		
No. of ESIA (in last 3 financial Years) (Pertaining to Transmission Sector for conventional or Renewable)		
No. of EIA (in last 3 financial Years) (Pertaining to Transmission Sector for conventional or Renewable)		
No. of SIA (in last 3 financial Years) (Pertaining to Transmission Sector for conventional or Renewable)		
Minimum Turnover (Min 10 crore) ( in two out of previous three preceding financial years)  FY2015-16  FY2016-17  FY2017-18	Yes / No	
certificate from the Statutory Auditor of the Consultant (Lead Consultant, in case of a Consortium), certifying the revenues from the consultancy services during each of the last three	Yes / No	

financial years		
Environmental and Social advisory experience		
Whether proposed team are employees of the bidding firm/members of the consortium, except for the Technical Consultant	Yes /No	
Whether Barred by central government or state government/ department/ agency in India	Yes/ No	

### 11. Format for Count of Assignments performed for Technical Evaluation

Particulars	Count / Experience	Remarks
Years of Experience of Firm in ESIA/EIA/ESA business		
Count of ESIA/EIA/ESA assignments performed successfully for Central / State Governments / Union Territory/ PSUs/ Private Companies by consultancy firm		
Count of ESIA/ESA/EIA assignments performed successfully in assisting State/ Central agency/ department, PSUs or Private Companies in ESIA/ ESA in energy sector by consultancy firm		
Count of ESIA/ESA/ EIA assignments performed successfully in assisting State/ Central agency/ department, PSUs or Private Companies in ESIA/ ESA in renewable energy sector by consultancy firm		
Count of ESIA/ESA/EIA assignments performed successfully in assisting State/ Central agency/ department, PSUs or Private Companies in ESIA/ ESA in solar energy sector by consultancy firm		
Count of ESIA/EIA/ESA assignments performed successfully in assisting State/ Central agency/department, PSUs or Private Companies in ESIA/EIA/ESA for transmission sector by consultancy firm (including as a part of ESIA for a larger power project)		

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## 12. Instructions for submitting tender online

- For participation in e-tendering module for any department, it is mandatory for prospective bidders to get registration on website **www.mpeproc.gov.in**. Therefore, it is advised to all prospective bidders to get registration by making on line registration fees payment at the earliest.
- Tender documents can be purchased only online and downloaded from website **www.mpeproc.gov.in** by making online payment for the tender documents fee.
- Service and gateway charges shall be borne by the bidders.
- Since the bidders are required to sign their bids online using **Class–III Digital Signature Certificate**, they are advised to obtain the same at the earliest.
- For further information regarding issue of Digital Signature Certificate, the bidders are requested to visit website **www.mpeproc.gov.in**. Please note that it may take up to 7 to 10 working days for issue of Digital Signature Certificate. Department will not be responsible for delay in issue of Digital Signature Certificate.
- If bidder is going first time for e-tendering, then it is obligatory on the part of bidder to fulfill all formalities such as registration, obtaining Digital Signature Certificate etc. well in advance.
- Bidders are requested to visit our e-tendering website regularly for any clarification and / or due date extension.
- Bidder must positively complete online e-tendering procedure at **www.mpeproc.gov.in**
- Department shall not be responsible in any way for delay /difficulties /inaccessibility of the downloading facility from the website for any reason whatever.
- For any type of clarification bidders can / visit [www.mpeproc.gov.in](http://www.mpeproc.gov.in) and held desk contract no. 18002588684 email ID: **eproc\_helpdesk@mpsdc.com** Support timings: Monday to Saturday from 10:00 AM to 7:00 PM.
- Interested bidders may attend the free training programme in Bhopal at their own cost. For further query please contact help desk.
- The bidder who so ever is submitting the tender by his Digital Signature Certificate shall invariably upload the scanned copy of the authority letter as well as submit the copy of same in physical form with the offer of particular tender.
- In case of any query related to the Bid, please write us at **ruminfo@mpnred.com**.