

EXPRESSION OF INTEREST (EoI)

Notice No. 12/CS/C-206

Dated:27.03.2026

Expression of Interest for setting up of Integrated Renewable Energy Project at Village Neilla, Distt. Bilaspur (Himachal Pradesh) under jurisdiction of BBMB.

1. Introduction

Bhakra Beas Management Board (BBMB) intends to explore the possibility of development of an Integrated Renewable Energy Project at an identified land parcel/water body at village Neilla, Distt. Bilaspur (Himachal Pradesh) under jurisdiction of BBMB.

This Expression of Interest (EoI) is floated to invite proposals from reputed and experienced developers for the conceptualization, planning, and development of the proposed Integrated Renewable Energy project.

This EoI is **exploratory & non-binding in nature** and shall not constitute any commitment on the part of BBMB for award of work based on this EoI.

2. Objective of the EoI

The primary objectives of this Expression of Interest are:

- i. **Optimum utilization** of available land (approx. 25 acres land in single parcel), water body (approx. 45 acres in the Nangal pond downstream of Bhakra Dam) and 33 kV transmission line (originally constructed for the evacuation of power from 15 MW floating solar power plant, the power plant which could not be completed/matured due to technical constraints).
- ii. To **assess market interest** from experienced developers for development of the proposed project.
- iii. To obtain **technical, financial and implementation insights** for optimal project structuring.
- iv. To understand **commercial models and risk allocation frameworks** suitable for the proposed project.
- v. To facilitate **finalization of eligibility criteria, scope, and contractual terms & conditions** for the Request for Proposal (RFP) to be floated by BBMB subsequently.

3. Project Concept

The proposed project envisages Integrated Renewable Energy Project comprising of various technologies viz. solar, hydro, PSP, wind etc. The project may be designed as

a hybrid renewable energy system to optimize energy generation with optimal utilisation of available land parcel, water body and existing transmission line.

4. Available Infrastructure

4.1 Land Parcel & Water Body

- Identified single land parcel of approx. 25 acres, with clear title and in the possession of BBMB.
- Approx. 45 acres Water body area available in the Nangal pond downstream of Bhakra Dam.
- Land detail (**Annexure-1**) and KML file containing co-ordinates of the site (**Annexure-2**)

Note: - Out of total available land of 25 acres, land rent agreements of 10.65 acres land already signed with SJVN Green Energy Limited (SGEL) for setting up of a 15 MW floating solar power plant and 2 MW Ground-mounted solar power plant.

Due to technical constraints/administrative reasons, the setting up of the 15 MW floating solar power plant and 2 MW Ground-mounted solar power plant could not be matured.

In this regard, it is informed that the existing land rent agreements duly signed with SJVN are likely to be terminated at an early date after settlement of the contractual obligations.

4.2 Existing Transmission Infrastructure

An existing 33 kV transmission line constructed by BBMB for a 15 MW Floating Solar Project (not matured due to certain technical issues) shall be utilized for power evacuation from the proposed integrated Renewable Energy Project. The technical details of the transmission line are as under:

- Conductor specifications Conductor-Panther 0.2 sq. inch (copper equivalent)
- Connectivity/substation details The existing 33 kV transmission line is comprising of total 64 Nos. towers. The Tower No. 1 (Co-ordinates- 31°25'06.7" N 76°24'01.07" E) is adjacent to the proposed Integrated Project site and the other end of this transmission line i.e., last Tower bearing No. 64 (Co-ordinates 31°24'30.4"N76°25'45.4"E) is attached to 33/66 KV Bhakra Left Bank Switch Yard Bay. The line is yet to be energized.
- Transformer capacity 33/66KV Transformer with capacity of 12/16MVA installed in bay

The route map/layout drawing of the existing 33 kV Transmission line is appended as **Annexure-3**.

5. Mode of Development

BBMB intends to explore the development of the project under RESCO (Renewable Energy Service Company) Mode i.e. cost and risk of development of the project shall be borne by the developer.

However, developers may also provide suggestions for alternative commercially viable models, if any.

6. Scope for Interested Developers

Interested developers are requested to submit their proposals covering:

6.1 Technical Proposal

- Conceptual design and methodology for development of Integrated Renewable Energy Project comprising of various technologies viz. solar, hydro, PSP, wind etc.
- **Total installed capacity (MW)** of Proposed Integrated Renewable Energy Project.
- **Optimal Utilization Plan** of available land parcel, water body and existing 33 kV transmission line.

6.2 Financial Proposal

- Estimated project cost
- Broad financial structuring
- Cost optimization strategies

6.3 Implementation Strategy

- Development approach and phasing
- Construction methodology.
- Operation & maintenance strategy

6.4 Commercial Model

- Willingness to develop the project under RESCO Mode.
- Suggested commercial framework (if any)

6.5 Additional Inputs

- Any innovative solutions or suggestions
- Risk identification and mitigation measures
- Regulatory considerations

7. Submission Requirements

Interested developers shall submit:

- Company Profile
- Relevant experience in Renewable Energy Projects like:
 - Hydro / PSP projects
 - Floating solar projects
 - Wind Energy projects
 - Hybrid renewable energy projects etc.
- Technical concept note.
- Financials documents viz. Average annual turnover of last 3 Financial years, Net worth ending 31.03.2025
- Any other relevant documentation

8. Important Conditions

- **This EoI is only for information gathering, market assessment and consultation purposes.**
- Participation in EoI does not guarantee qualification for subsequent RFP to be floated by BBMB at later stage.
- BBMB reserves the right to:
 - Accept or reject any proposal
 - Modify the project scope
 - Cancel the EoI without assigning any reason
- Interested developers are strongly advised to undertake site visit to familiarize/satisfy themselves with the project site conditions, available infrastructure and other relevant aspects so as to make their proposal more realistic for submission to BBMB.

9. Outcome of EoI

Based on consultation meeting and responses received from prospective developers:

- BBMB shall finalize terms & conditions of the RFP to be floated later on.
- Competitive bidding process shall be undertaken for selection of prospective developers

10. Timeline (Indicative)

- Issue of EoI: 27.03.2026
- Interaction/Consultation meeting: 20.04.2026
- Last Date for Submission of EoI proposal: 04.05.2026

11. Contact Details

Director/Consultancy, Bhakra Beas Management Board (BBMB) Chandigarh

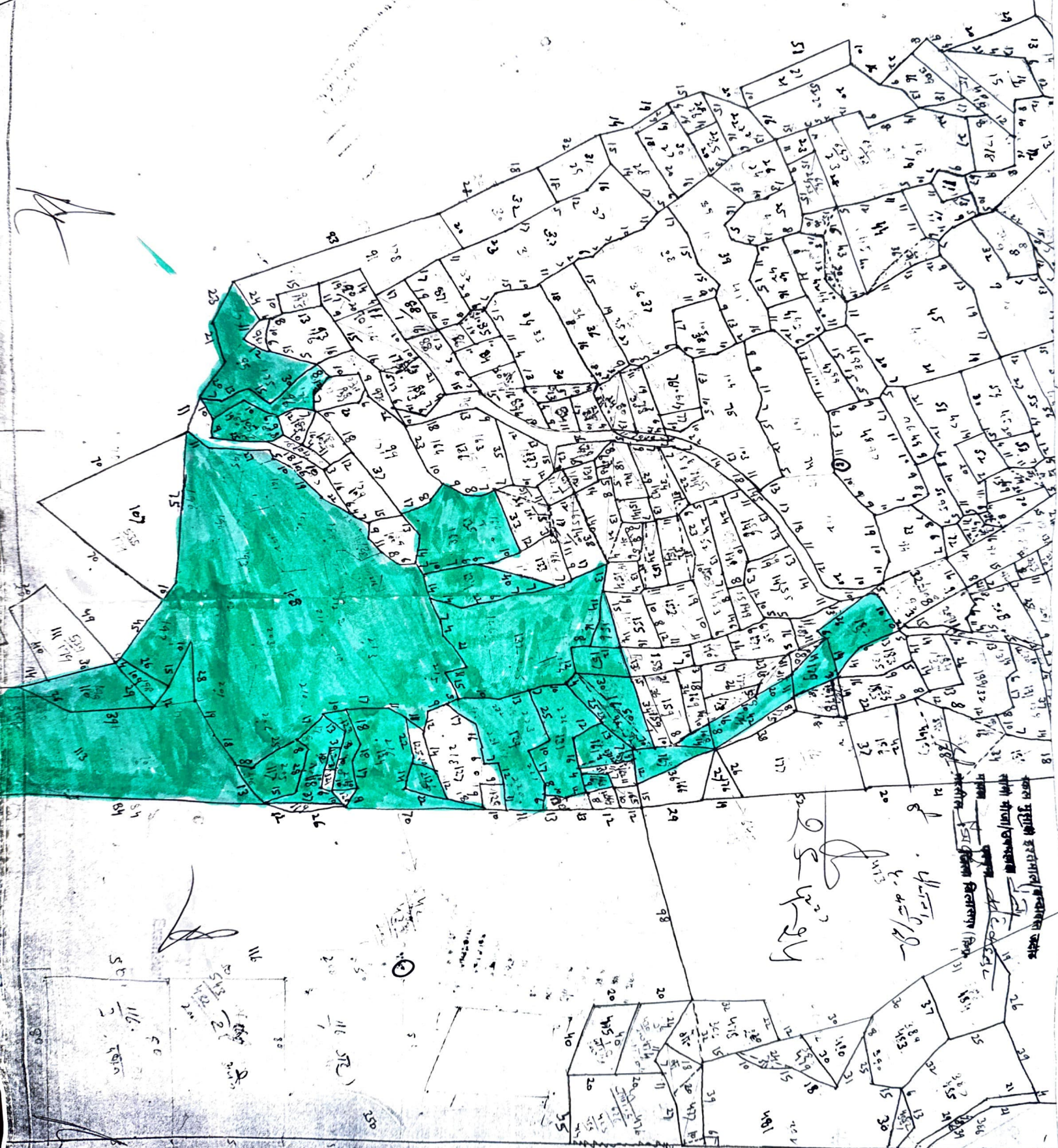
Email: dir-consultancy@bbmb.nic.in , ddcons@bbmb.nic.in

Phone: 9463998265

12. Annexures

- Annexure-1: Land detail
- Annexure-2: KML File containing co-ordinates of the site
- Annexure-3: Route Map/ Layout Drawing of 33 kV Transmission Line

Annexure 1



काना मुसली इस्लामाबाद/इस्लामाबाद काना
महान्नी शीवा/इस्लामाबाद
महान्नी शीवा/इस्लामाबाद
महान्नी शीवा/इस्लामाबाद

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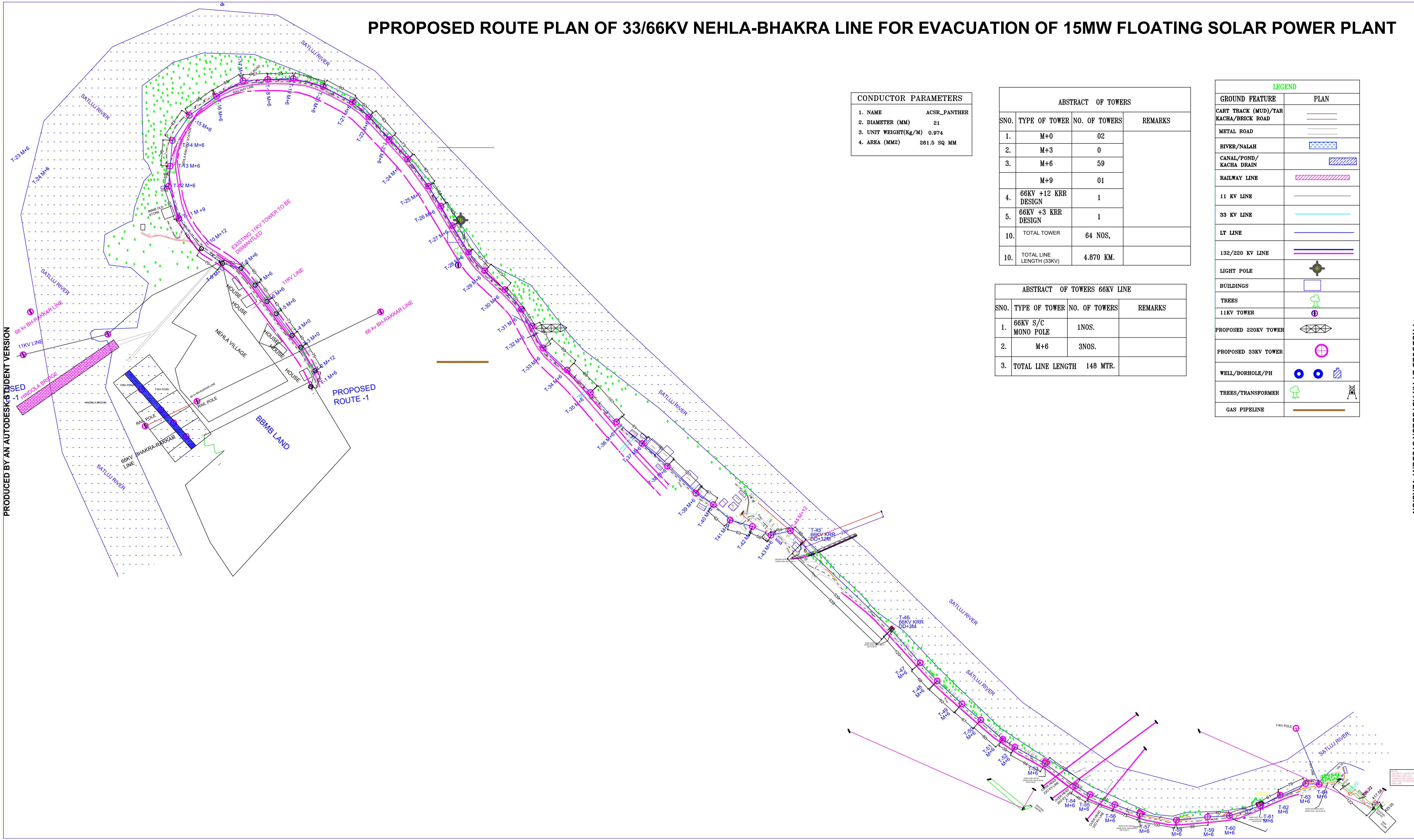
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Annexure-2



Annexure-3

PROPOSED ROUTE PLAN OF 33/66KV NEHLA-BHAKRA LINE FOR EVACUATION OF 15MW FLOATING SOLAR POWER PLANT



CONDUCTOR PARAMETERS			
1. NAME	ACSR_PANTHER		
2. DIAMETER (MM)	21		
3. UNIT WEIGHT(Kg/M)	0.974		
4. AREA (MM ²)	281.5 SQ MM		

ABSTRACT OF TOWERS			
SNO.	TYPE OF TOWER	NO. OF TOWERS	REMARKS
1.	M+0	02	
2.	M+3	0	
3.	M+6	59	
	M+9	01	
4.	66KV +12 KRR DESIGN	1	
5.	66KV +3 KRR DESIGN	1	
10.	TOTAL TOWER	64 NOS,	
10.	TOTAL LINE LENGTH (33KV)	4.870 KM.	

ABSTRACT OF TOWERS 66KV LINE			
SNO.	TYPE OF TOWER	NO. OF TOWERS	REMARKS
1.	66KV S/C MONO POLE	1NOS.	
2.	M+6	3NOS.	
3.	TOTAL LINE LENGTH	148 MTR.	

LEGEND	
GROUND FEATURE	PLAN
CART TRACK (MUD)/TAR KACHA/BRICK ROAD	
METAL ROAD	
RIVER/NALAH	
CANAL/POND/KACHA DRAIN	
RAILWAY LINE	
11 KV LINE	
33 KV LINE	
LT LINE	
132/220 KV LINE	
LIGHT POLE	
BUILDINGS	
TREES	
11KV TOWER	
PROPOSED 220KV TOWER	
PROPOSED 33KV TOWER	
WELL/BORHOLE/PH	
TREES/TRANSFORMER	
GAS PIPELINE	

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