



Bihar State Power Generation Company Ltd
(A Government of Bihar Undertaking)

NIT No.: 01/PR/BSPGCL/2024

REQUEST FOR PROPOSAL

FOR PROCUREMENT OF SOLAR POWER FROM GRID CONNECTED 02 MW TO 10 MW AC CAPACITY SOLAR PV POWER PROJECT (GROUND MOUNTED WITH RAISED STRUCTURE OVER POND) TO BE CONSTRUCTED UNDER RESCO MODE ON PRIVATE POND IN THE STATE OF BIHAR THROUGH TARIFF-BASED COMPETITIVE BIDDING FOR TOTAL CUMULATIVE CAPACITY OF 10 MW (AC).

ISSUED BY:

Bihar State Power Generation Company Ltd. (BSPGCL)

(A Government of Bihar Undertaking)

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Bid Document Cost: INR 25,000/- (Plus 18% GST)

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DISCLAIMER

The information contained in this Request for Proposal (hereafter referred to as “RFP” or subsequently provided to Applicant(s), whether verbally or in documentary or any other form, by or on behalf of the Company or any of its employees or advisors, is provided to Applicant(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer nor invitation by the Company to the prospective Applicants or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their application for qualification and thus Proposal pursuant to this RFP (the “**Application**”). This RFP includes statements, which reflect various assumptions and assessments arrived at by the Company in relation to the Project/s. Such assumptions, assessments and statements do not purport to contain all the information that each Applicant may require. This RFP may not be appropriate for all persons, and it is not possible for the Company, its employees or advisors to consider the objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP may not be complete, accurate, adequate or correct. Each Applicant should therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Applicant(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. BSPGCL accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

BSPGCL, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder, under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way with Proposal of Applicants for participation in the Bidding Process.

BSPGCL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Applicant upon the statements contained in this RFP.

BSPGCL may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP. The issue of this RFP does not imply that BSPGCL is bound to select and shortlist Applications and BSPGCL reserves the right to reject all or any of the Applications or Bids without assigning any reasons whatsoever.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BSPGCL or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Applicant and BSPGCL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Application, regardless of the conduct or outcome of the Bidding Process. Prospective Bidders acknowledges and agrees that BSPGCL in its sole discretion, may reject any and all proposals made by SPD, and also may cancel this RFP at any time without assigning any reason.

INTRODUCTION

Government of India has committed for the renewable sources to cover 40% of Country's Power Generation by the year 2030. To ensure that this target will achieve, it is imperative for the state of Bihar to actively participate to deploy renewable energy sources and becomes self-sustainable in terms of its energy demand. To achieve this target, Govt. of Bihar has also notified a Bihar Policy for Promotion of Bihar New & Renewable Sources, 2017.

The geographical condition of Bihar is such that harnessing potential of wind, hydel etc. are limited. Solar energy is the major source of renewable energy that can be tapped in the State. Majority portion of the land in Bihar is agricultural land and that cannot be beneficial to install Solar Power Plants. Some portion of the land in north area of the State remains water logged for 8-9 months of a year due to which fishing/other agricultural products are possible to grow in such type of the land. Such portion of the land may be used for installation of Solar Power Project in the form of ground mounted by increasing the height of module mounting structure. Further, manmade ponds where water is available for 8-9 months of a year may also be used for installing ground mounted with raised structure solar power projects.

This form of installation of solar project encourage the concept of "*Niche Machhli Upar Bijli*" where solar power will be generated from the solar plant installed over the pond with ground mounted raised structure and under it fisheries activity/agricultural produce will be carried out. It not only increases the use of renewable energy in the State but also serves as double source of income to the farmers of Bihar where they can sell the generated electricity to DISCOMs around the year and earns from fisheries activities/agricultural produce.

SECTION - I
INVITATION
FOR BIDS (IFB)

INVITATION FOR BIDS (IFB)

FOR PROCUREMENT OF SOLAR POWER FROM GRID CONNECTED 02 MW TO 10 MW AC CAPACITY SOLAR PV POWER PROJECT (GROUND MOUNTED WITH RAISED STRUCTURE OVER POND) TO BE CONSTRUCTED UNDER RESCO MODE ON PRIVATE POND IN THE STATE OF BIHAR THROUGH TARIFF-BASED COMPETITIVE BIDDING FOR TOTAL CUMULATIVE CAPACITY OF 10 MW (AC).

(BIDDING UNDER E-TENDERING NORMS)

- 1.1. Bihar State Power Generation Company Limited (BSPGCL), is nominated as Nodal Agency/implementing agency for installation of ground mounted solar power plant in Bihar.
- 1.2. As part of the Government of Bihar target and in line with Bihar Policy for Promotion of New and Renewable Energy Sources, 2017, BSPGCL intends to invite Request for Proposal (RFP) from the prospective **Solar PV Plant Developer (SPD)** for setting up grid connected 02 MW to 10 MW AC capacity solar PV power project (ground mounted with raised structure over pond) to be constructed under RESCO mode on private pond in the state of Bihar. This RFP document has been prepared inline with the guideline issued by Ministry of Power(MoP) vide its resolution no. 27/01/2023-RCM dated 28.07.2023 “Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects”.
- 1.3. State DISCOMs (NBPDC and SBPDCL) shall enter into Power Purchase Agreement (PPA) with the successful Bidder for purchase of Solar Power for a period of 25 years based on the terms, conditions and provisions of the RFP.

2. OVERVIEW OF THE RFP

- 2.1. SPD selected by BSPGCL based on this RFP, shall set up grid connected 02 MW to 10 MW AC capacity solar PV power project (ground mounted with raised structure over pond) under RESCO mode on private pond in the state of Bihar in accordance with the provisions of this RFP document and standard Power Purchase Agreement (PPA).
- 2.2. State DISCOMs (NBPDC and SBPDCL) under facilitation from BSPGCL, shall enter into PPA with successful SPD for a period of 25 years from the date as per the provisions of PPA. The tariff to be quoted by the Bidder shall be in **Rs. per kWh** fixed for entire duration of the PPA, however the successful Bidder shall pay to BSPGCL service charges as applicable towards administrative overheads for coordination with State authorities and others, DISCOMs/STU/CTU, pre-commissioning etc.
- 2.3. Bidders can submit their bid by offering **single tariff only** for their project, which shall be applicable for all 25 years.
- 2.4. If the Project is transferred or sold to a third party during its tenure (after initial lock-in period of 1 year after COD), BSPGCL will retain full rights to operationalize the PPA with the third party, which will be under full obligation to honour all the obligations and terms & conditions of the PPA. In such cases, selected Bidder shall be under obligation to inform BSPGCL before transfer of project to third party.

3. PROPOSAL OF TECHNOLOGY & ELIGIBLE PROJECTS UNDER THIS RFP

The project capacity to be quoted by the bidder must be minimum 2 MW (AC) and in multiple of 01 MW maximum upto 10 MW (AC). The total cumulative capacity under this RFP will be 10 MW (AC). The selection of solar PV modules technology would be technology agnostic to suit the solar project where humidity levels are high and moisture ingress is more in rainy season. The modules with suitable quality back sheets, glass to glass packed modules or any modules with suitable technology shall be used. The structures, modules used shall have proven design and demonstrated performance. Mono PERC module manufactured by latest ALMM of MNRE with or without trackers may be installed. Only commercially established and operational technologies can be used to minimize the technological risk and to achieve timely commissioning of the Project.

4. GUIDELINES FOR IMPLEMENTATION OF THE RFP

- 4.1. Developer shall provide a suitable monitoring mechanism, to analyse the performance of project and carry out random checks to verify compliance of quality standards. Developer shall also lay down conditions in order to meet forecasting and scheduling requirements by BERC/SLDC/DISCOMs.

5. GENERAL

- 5.1. The complete RFP Documents are available at portal <https://eproc2.bihar.gov.in>. Bidders shall download the RFP Documents from the portal <https://eproc2.bihar.gov.in> as per the provisions available therein. Interested bidders have to necessarily register themselves on the portal to participate in the bidding under this invitation for bids. It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal for which they are required to contact for proper uploading of the bids on the portal namely <https://eproc2.bihar.gov.in> (hereinafter referred to as the 'portal'), it shall be the sole responsibility of the bidders to apprise themselves adequately regarding all the relevant procedures and provisions as detailed in the portal.
- 5.2. BSPGCL in no case shall be responsible for any issues related to timely or properly uploading/submission of the bid in accordance with the relevant provisions in Bidding Documents.
- 5.3. A Single Stage, Two Envelope Bidding Procedure through eproc2 will be adopted and will proceed as detailed in the RFP Documents. Bidding will be conducted through the competitive bidding procedures as per the provisions of ITB and the contract shall be executed as per the provisions of the Contract. It shall be noted that the respective rights of the BSPGCL and the Bidder/SPD shall be governed by the RFP Documents.
- 5.4. Bidder shall submit bid proposal along with non-refundable Document Fees and Earnest Money Deposit (EMD) complete in all respect as per the Bid Information Sheet. Techno-Commercial bids will be opened online as per the Bid Information Sheet in presence of authorized representatives of bidders who wish to be present. Bid proposals received without the prescribed Document Fees

and/or, Bid Processing Fees and/or Earnest Money Deposit (EMD) shall be considered as non-responsive.

- 5.5. BSPGCL reserves the right to cancel/ amend/withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

6. INTERPRETATIONS

- 6.1. Words comprising the singular shall include the plural & vice versa.
- 6.2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
- 6.3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
- 6.4. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.
- 6.5. The table of contents and any headings or sub headings in the contract has been inserted for case of reference only & shall not affect the interpretation of this agreement.

7. BID INFORMATION SHEET

The brief details of the NIT No.01/PR/BSPGCL/2024 are as under:

S. No.	Activity	Duration
1.	Online Publish/Download date of Tender documents	From 12/02/2024(15:00 Hrs) onwards.
2	Cost of Bidding Document, Bid processing fee & E-tender processing charges. (submission of cost of bidding document is mandatory for all bidders, No exemption for SSI/ NSIC/ MSME registered agency)	1. Non-refundable Cost of Bidding Document Fee of INR 25,000.00 Plus GST (@18%) to be paid through RTGS/online in favour of "Bihar State Power Generation Company Ltd." payable at "Patna" along with the Response to RFP. 2. E-tender Processing Charges as per eproc2 to be paid through online mode i.e. internet payment gateway (Debit/credit card, Net banking, NEFT, RTGS).
3.	Pre-bid conference and venue	Pre-Bid Meeting will be held via Online/Offline Mode on 20/02/2024 at 11.00 Hrs. Venue: Conference Hall, 5 th Floor, Vidyut Bhawan, Building No.1, Bailey Road, Patna – 800021.
4.	Last Date of Online Sale of Tender Document	05/03/2024 up to 14:00 Hrs. (https://eproc2.bihar.gov.in)
5.	Date/Time for submission/ uploading of offer/Bid (ONLINE)	05/03/2024 up to 16:00 Hrs. (https://eproc2.bihar.gov.in)
6.	Physical submission of proof of Tender document fee, Bid Processing Fee and EMD	05/03/2024 at 16:00 Hrs
7.	Date & time for opening of Technical Bid	05/03/2024 at 17:00 Hrs onwards. (https://eproc2.bihar.gov.in)
8.	Validity of Bid	180 days from the date of opening of Financial Bid.
9.	Bid Security (EMD)	INR 05 Lakh/MW to be submitted in the form of Bank Demand Draft or BG or Payment on Order Instrument in favour of "Bihar State Power Generation Company Limited" payable at "Patna" along with the Response to NIT.
10.	Date time and place of opening of Financial Bid	Date shall be informed to technically qualified bidder. (https://eproc2.bihar.gov.in)
11.	Online E-Reverse Auction Request Schedule	E-Reverse Auction Request Schedule will be communicated after completion of evaluation of Financial Bid (Bid- Part-II). The qualified bidders will be informed accordingly.

Note:

- Bidders are requested to register themselves for Online Pre-bid conference on or before 19.02.2024 (till 04:00 PM). Please submit following details for registration:
Contact Person:, Mob No: , Company name: , Email ID:
Above details to be submitted on mail Id 'chiefengineerbspagcl@gmail.com'.
- Bids must be submitted strictly in accordance with Section-II, Instructions to Bidders (ITB) depending upon Type of Tender as mentioned in Bid Information Sheet. The ITB is an integral and inseparable part of the tender document for NIT No. 01/PR/BSPGCL/2024.
- Bidder(s) are advised to quote strictly as per terms and conditions of the tender document for NIT No. 01/PR/BSPGCL/2024 and not to stipulate any deviations/ exceptions.
- Any bidder, who meets the Qualifying Requirement and wishes to quote against this NIT, may download the complete tender document along with its amendment(s) if any from on the Portal of e-proc (<https://eproc2.bihar.gov.in>) and submit their Bid complete in all respect as per terms & conditions of tender document for NIT No. 01/PR/BSPGCL/2024 on or before the due date of bid submission.
- Clarification(s)/ Corrigendum(s) if any shall also be available on above referred websites.

6. Prospective Bidders are requested to remain updated for any notices/amendments/clarifications etc. to the NIT document through the websites ***<https://eproc2.bihar.gov.in>***.
7. eProc 2.0 Help Desk Address: mjunction services limited, RJ Complex, 2nd Floor, Canara Bank Campus, Khajpura, Ashiana Road, P.S. - Shastri Nagar, Patna 800 014, Bihar. Toll Free Number: 1800 572 6571, Email Id: eproc2support@bihar.gov.in, Working Hours: 8AM to 7PM (All days in week except Sunday and few selected state holidays).