

NHPC LIMITED
(A GOVT. OF INDIA NAVRATNA ENTERPRISE)



REQUEST FOR SELECTION (RfS) DOCUMENT
(DOMESTIC COMPETITIVE BIDDING-OPEN TENDER)
UNDER
TARIFF BASED COMPETITIVE BIDDING WITH E – REVERSE AUCTION
FOR

“Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY).”



Tender ID: 2025_NHPC_845421_1

CONTRACTS (CIVIL) DIVISION
REGD. OFFICE: NHPC OFFICE COMPLEX, SECTOR-33, FARIDABAD – 121003

CIN: L40101HR1975GOI032564

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CHECK LIST

Bidders are requested to check the following documents in their submissions prior to submitting their bids:

| Sl. No. | Description | Check | |
|----------------|---|--|---------------------------------------|
| 1 | State/UT wise DD towards cost of RFS document as mentioned in NIT. | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 2 | State/UT wise DD/BG/POI/Insurance Surety Bond towards Bid security as per ITB | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 3 | Certified copy of the partnership deed duly registered, as per ITB, if applicable. | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 4 | Power of Attorney along with Board resolution for authorizing the executants for issuing Power of Attorney as per ITB, if applicable. | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 5 | Form of Declaration (Annexure-1) duly filled in | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 6 | Duly signed Integrity Pact (Annexure-2) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 7 | Duly filled Qualification Information Sheet (Annexure-3A, 3B& 3C) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 8 | Form of Declaration of Ineligibility (Annexure-4) duly filled in | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 9 | Copies of successful completion certificate(s) of works/assignments | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 10 | Annual Reports for last three financial years prior to last date of bid submission as per ITB. | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 11 | Technical & Financial Details as required | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 12 | Forms & Formats duly completed and signed by the Bidder, as per ITB | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 13 | Duly Filled Annexure -8: Process Compliance form for e-RA | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

| | | | |
|----|---|--|---------------------------------------|
| | | | |
| 14 | <u>Duly Filled Annexure-9: Price Confirmation form for e-RA</u> | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 15 | <i>Bidders undertaking (on Letter head of the Company) mentioning the requisite States & UT for which Bids are submitted.</i> | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 16 | <u>Applicable Formats</u> | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

Note: The Checklist has been framed to facilitate the Bidders so that they may not miss the important inclusion in their bids as well as to facilitate the Employer to avoid delays. Bidders are advised in their own interest to go through entire document thoroughly so that documentation is complete in all respect. Employer shall not be responsible in case the Bidder fails to submit all requisite documents along with its bid.

DISCLAIMER

1. Though adequate care has been taken while preparing the Request for Selection (RfS) document, the Bidder shall satisfy himself that the document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from any bidder within 20 (Twenty) days from the date of issuance of RfS documents, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the bidder
2. NHPC Limited (NHPC) reserves the right to modify, amend or supplement this RfS document.
3. Though this RfS document has been prepared in good faith, neither NHPC nor its employees or advisors make any representation or warranty, expressed or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RfS document, even if any loss or damage is caused by any act or omission on their part.
4. In case of any discrepancy in the documents uploaded on the websites of NHPC and CPP portal, the documents uploaded on the CPP Portal will prevail.

Authorized Person
General Manager (Civil Contracts-I)
Room No.218, 2nd Floor, NHPC OFFICE COMPLEX,
Sector-33, Faridabad-121003, Haryana, India
Tele No: +91 (129) 2270596
[Email: contcivil-co@nhpc.nic.in](mailto:contcivil-co@nhpc.nic.in)

VOLUME – 0

Notice Inviting Tender (NIT), Bidding Data Sheet

and

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**NHPC Office Complex,
Sector-33, Faridabad-121003**

**NOTICE INVITING TENDER
Request for Selection (RfS)
(Domestic Competitive Bidding-Open Tender)
under
Tariff Based Competitive Bidding with e – Reverse Auction**

Tender ID: 2025_NHPC_845421_1

- Online RfS are invited through **Domestic Tariff Based Competitive Bidding in Single Stage-Two Part Bidding** Basis (i.e. Part-I:QR+Technical-Bid and Part-II:Financial Bid) with e-Reverse Auction (e-RA) by NHPC Limited on behalf of NHPC Renewable Energy Limited (NHPC REL)- a wholly owned subsidiary of NHPC Limited {herein after referred to as Project Management Consultant (PMC) for the RESCO Project set up by Roof Top Developer (RTD)} from eligible Bidders for **“Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY)”**

Complete RfS Documents/Tender Document can be viewed and downloaded from Central Public Procurement (CPP) Portal <http://eprocure.gov.in/eprocure/app>. The site can also be viewed through e-procurement corner of NHPC website www.nhpcindia.com and CPP Portal. Any Bidder who wishes to quote for this Tender can download the Tender Document from aforesaid portal after online Bidder registration for e-tendering. However, the bid is to be submitted online only on <http://eprocure.gov.in/eprocure/app> up to last date and time of submission of tender. Sale of hard copy of tender document is not applicable.

E-Reverse Auction (e-RA) shall be conducted after e-tendering. The decision of NHPC regarding adoption of e-RA shall be final.

THE BRIEF DETAILS OF THE TENDER ARE AS UNDER:

| Sl. No. | Item | Description |
|---------|----------------------|--|
| i) | Mode of tendering | e-procurement System Cover-I: Online Techno-Commercial Bid Cover-II: Price Bid |
| ii) | Tender ID No. | 2025_NHPC_845421_1 |
| iii) | Tender reference No. | NH/CCW/CC-I/CO-363/PR61324/11 Dt. 16.01.2025 |
| iv) | Cost of bid document | Rs.500/- (Rupees Five Hundred only) – each for Jammu & Kashmir, Bihar and Arunachal Pradesh separately Rs. 1,000/- (Rupees One Thousand only)- each for Himachal Pradesh, Punjab, Gujarat, Odisha, Sikkim, Jharkhand, Andhra Pradesh, Mizoram and Meghalaya separately. |

| | | |
|----|--------------------|---|
| | | <p>Rs 1500/- (Rupees One Thousand Five Hundred only) – each for Uttar Pradesh, Haryana, Delhi, Rajasthan, Madhya Pradesh, Maharashtra, West Bengal, Talangana, Kerala and Assam separately.</p> <p>Rs 5000/- (Rupees Five Thousand only)- each for Uttarakhand, Karnataka and Tamilnadu separately.</p> <p>Cost of bid document shall be <i>in the form of demand draft from a Nationalized / Scheduled bank in favour of NHPC Ltd. Payable at Faridabad.</i></p> |
| v) | Bid Security (EMD) | <p>Rs 43,000/- (Rupees Forty Three Thousand only) for Jammu & Kashmir.</p> <p>Rs 3,38,000/- (Rupees Three Lakh, Thirty Eight Thousand only) for Himachal Pradesh.</p> <p>Rs 25,85,000/- (Rupees Twenty Five Lakh, Eighty Five Thousand only) for Uttarakhand.</p> <p>Rs 7,81,000/- (Rupees Seven Lakh, Eighty One Thousand only) for Uttar Pradesh.</p> <p>Rs 5,42,000/- (Rupees Five Lakh, Forty Two Thousand only) for Haryana.</p> <p>Rs 12,36,000/- (Rupees Twelve Lakh, Thirty Six Thousand only) for Delhi.</p> <p>Rs 2,02,000/- (Rupees Two Lakh, Two Thousand only) for Punjab.</p> <p>Rs 1,75,000/- (Rupees One Lakh, Seventy Five Thousand only) for Gujarat.</p> <p>Rs 14,86,000/- (Rupees Forteen Lakh, Eighty Six Thousand only) for Rajasthan.</p> <p>Rs 4,09,000/- (Rupees Four Lakh, Nine Thousand only) for Madhya Pradesh.</p> <p>Rs 14,81,000/- (Rupees Forteen Lakh, Eighty One Thousand only) for Maharashtra.</p> <p>Rs 3,88,000/- (Rupees Three Lakh, Eighty Eight Thousand only) for Odisha.</p> <p>Rs 14,09,000/- (Rupees Fourteen Lakh, Nine Thousand only) for West Bengal.</p> <p>Rs 1,98,000/- (Rupees One Lakh, Ninety Eight Thousand only) for Sikkim.</p> <p>Rs 91,000/- (Rupees Ninety One Thousand only) for Bihar.</p> <p>Rs 2,29,000/- (Rupees Two Lakh, TwoNinety One Thousand only) for Jharkhand.</p> <p>Rs 1,09,000/- (Rupees One Lakh, Nine Thousand only) for Andhra Pradesh.</p> <p>Rs 17,86,000/- (Rupees Seventeen Lakh, Eighty Six Thousand only) for Telangana.</p> <p>Rs 33,95,000/- (Rupees Thirty Three Lakh, Ninety Five Thousand only) for Karnataka.</p> <p>Rs 7,80,000/- (Rupees Seven Lakh, Eighty Thousand only) for Kerala.</p> <p>Rs 35,78,000/- (Rupees Thirty Five Lakh, Seventy Eight Thousand only) for Tamilnadu.</p> <p>Rs 60,000/- (Rupees Sixty Thousand only) for Arunachal Pradesh.</p> <p>Rs 6,22,000/- (Rupees Six Lakh, Twenty Two Thousand only) for Assam.</p> <p>Rs 1,51,000/- (Rupees One Lakh, Fifty One Thousand only) for Mizoram.</p> <p>Rs 1,49,000/- (Rupees One Lakh, FortyNine Thousand only) for Meghalaya.</p> |

| | | |
|-------|---------------------------|--|
| | | <i>Bid Security shall be in the form of DD/BG/POI/Insurance Surety Bond as per clause No. 14 of ITB.</i> |
| vi) | Period of Bid Validity | 120 days from the last date of submission of online Bids |
| vii) | Commissioning Period | Commissioning Period of “Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY)” shall be 09 (Nine) months from the date of signing of PPA for Normal Category States and 12 (Twelve) months from the date of signing of PPA for Special Category States |
| viii) | Tender inviting Authority | General Manager (Civil Contracts-I) Room No.-218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX, Sector-33, Faridabad-121003, Haryana, India Tele No :+91 (129) 2270596 Email: contcivill-co@nhpc.nic.in |

THE CRITICAL DATES OF TENDER ARE AS UNDER:

| S. No. | Particulars | Date & Time |
|--------|---|---|
| i) | Publishing Date & Time | 24.01.2025 (18:30 Hrs) |
| ii) | Document Download Start Date & Time | 24.01.2025 (18:30 Hrs) |
| iii) | Last date of Receipt of queries /clarification on bid. | 05.02.2025 (upto 11:00 Hrs) |
| iv) | Pre bid meeting Date & Time | 07.02.2025 (15:00 Hrs) |
| v) | Online Bid Submission Start Date & Time | 20.02.2025 (11:00 Hrs) |
| vi) | Online Bid Submission Closing Date & Time | 03.03.2025 (17:30 Hrs) |
| vii) | Last date of Offline submission (date, time and address) | 06.03.2025 (upto 17:00 Hrs) Address: General Manager (Civil Contracts-I) Room No.218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX, Sector-33, Faridabad-121003, Haryana, India Tele No :+91 (129) 2270596 Email: contcivill-co@nhpc.nic.in |
| viii) | Opening: Date, Time & Venue of Online/ Offline Bid (Technical Bid (Part-I) submission | 07.03.2025 (15:00 Hrs) Venue: General Manager (Civil Contracts-I) Room No.214, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX, Sector-33, Faridabad-121003, Haryana, India Tele No :+91 (129) 2270596 Email: contcivill-co@nhpc.nic.in |
| ix) | Price Bid Opening (Part-II) – | Venue, Date & time to be intimated later to the |

| | | |
|----|---|---|
| | Financial Bid | bidders whose Techno-commercial Bids will be found responsive |
| x) | Date & Time of Start of e-Reverse Auction for each States or UT | Shall be intimated separately by NHPC |

2. ELIGIBLE BIDDERS:

2.1 This Invitation for Bid is open in respect of bidders who meet the following conditions:

- a) The bidder must be an Indian incorporated legal Entity operating under commercial law of their respective jurisdiction.
- b) all bidders meeting the qualification criteria as defined in ITB clause 3.2

2.2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices by the Employer, any Government institution or Public Sector Undertaking in India in accordance with ITB clause 32.1(a), as on bid submission date.

2.3 The Bidders whose contract(s) have been terminated due to poor performance by the Employer, shall not be allowed to participate in the bidding process for next 5 years w.e.f the date of notification of termination.

2.4 Bidders shall not have been banned/ de-listed/ black listed/ debarred from business on the ground mentioned in para 6 of Guidelines on Banning of Business dealings (Annexure-2A) to Integrity Pact (Annexure-2 of ITB) of Tender Document at the time of submitting the bid and shall intimate immediately of any such banning/de-listing/ black- listed/debarring after submission of bid till the award of the tender. Self-Declaration in this regard is to be submitted as per the proforma enclosed in tender document.

2.5 To qualify for Contract for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having work experience, financial capability and resources sufficient to meet the aggregate of the qualifying criteria. Failure to produce the certificates and documents in this regard shall make the bid non-responsive.

Even though the bidders meet the qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements.

3. QUALIFICATION OF THE BIDDER

3.1 All bidders shall include the following information and documents with their bids in Qualification Information unless otherwise stated in the ITB:

- a) Written power of attorney of the signatory of the Bid to commit the Bidder. Additional information as sought in the Annexure-3A (Qualification Information Sheets of ITB) shall be provided.
- b) Work experience to demonstrate meeting the criteria stipulated in clause 3.2.A shall be provided in Annexure-3 (3B: Qualification Information Sheets).The work experience shown shall be supported with certificate(s) from the Engineer-in-charge/Project head of the concerned work. In case of experience certificate produced by the Contractors for having works for Private Organizations, TDS Certificates shall also be produced along with experience certificate.
- c) Information on financial criteria stipulated in clause 3.2 B shall be furnished along with Copy of affidavit/Certificate of CA mentioning Financial Turnover of immediately preceding 3 (three) years. Printed Annual reports or financial statements of the Bidder, such as balance sheet, profit and loss statements and auditor's reports as the case may be for the immediately

preceding 3 (Three) years shall be submitted to ascertain bidder's meeting the financial criteria.

3.2. QUALIFICATION CRITERIA

The qualification will be subject to Bidder's fulfillment of the Qualification Criteria set and stipulated hereunder, substantiated by authentic and relevant information and details. Additional information in support of their claims of achievements may be furnished in any form of their device and design. The Bidder(s) who wish to apply for Tender for the aforesaid work must satisfy the following qualifying criteria:

3.2. A The bidder should fulfill Technical Qualifying criteria as mentioned below:

3.2.A.1 The Bidder should have designed, supplied, erected and commissioned Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 400 kWp or higher, out of which at least one plant should have been of 40 kWp or more.

OR

3.2.A.2 The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 400 kWp or higher, out of which at least one plant should have been of 40kWp or more.

OR

3.2.A.3(a) The Bidder should have executed in the last ten (10) years either as developer or as EPC Contractor in process industry or in infrastructure development of single work having minimum value of Rs. 4.0 Crores.

AND

(b) The Bidder should have executed at least one (1) Electrical Sub-station of 11 kV or above voltage level, consisting of equipment such as 11 kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be commissioned up to the last date of submission of bid.

The works referred to clause 3.2.A.3 (a) & 3.2.A.3 (b) can be in same or different projects.

Notes:

- a. The reference SPV based grid connected power plant of 40 kWp or higher capacity should be at a single location developed by Bidder for itself or any other client.
- b. SPV based Roof-top/Ground mounted/Floating solar power projects, which are grid connected, shall be considered eligible for QR purposes.
- c. Bidder shall submit certificate of successful completion and operation from the Owner.
- d. In case the award for the reference works has been received by the Bidder either directly from owner of plant or any other intermediary organization, a certificate from such owner of plant or the intermediary organization shall be required to be furnished by the Bidder along with its bid document in support of its claim of meeting requirement

stipulated above.

- e. Developer means an entity who has either executed or got executed the work/ project as owner of industrial projects.
- f. The qualification criteria in Clause 3.2.A.1 or 3.2.A.2 or 3.2.A.3 are mutually exclusive. The bidder has to fulfil any one of the above-mentioned technical eligibility criteria which are individually exclusive.
- g. Bidder can also claim the experience of a Group Company/Holding company /Subsidiary Company for meeting the requirement (s) of clause 3.2.A.1 or 3.2.A.2 or 3.2.A.3. In such a case, the Bidder shall furnish an Undertaking jointly executed by the Firm qualified as per Clause 3.2.A.1 or 3.2.A.2 or 3.2.A.3 and the Bidder along with its bid document for complete performance of the Contract (in case of award) jointly or severally, as per the format enclosed in the bid document, failing which, the Bidder's bid document is liable to be rejected.
- h. Experience of bidders as EPC Contractor for supply of Balance of System (BOS) items and erection, testing, commissioning of entire solar plant shall be considered.
- i. To ascertain the executed value of work for Cl. 3.2.A.3(a), the value of Work experience in INR shall be enhanced on pro-rata basis by 7% simple rate per annum up to the date of Bid Opening from the completion date mentioned in the completion certificate.
- j. Capacity below 10kWp at single installation shall not be considered in cumulative capacity.

3.2.B Financial Criteria

3.2.B.1 Turnover: State/UT wise average Annual Turnover in the preceding 3 years shall be not less than as under:

A. For Normal Category States: Rs. 18000/-per kW

B. For Special Category States: Rs. 14850/- per kW

3.2.B.2 Networth: The bidder should have positive "Net Worth" in at least 02 financial years out of the last 03 financial years, with the condition of positive net worth in immediately preceding financial year.

'Net Worth' means the aggregate value of the paid-up share capital and all reserves created out of the profits, securities premium account and debit or credit balance of profit and loss account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

For assessment, relevant pages of Annual Report containing Net Worth figure duly certified by Authorized representative of Bidder, otherwise, figure duly authenticated by the Statutory Auditors should be submitted.

3.2.B.3 Working Capital: The State/UT wise working capital (current assets minus current liabilities) shall be as under:

- A. For Normal Category States: Rs. 10000/-per kW**
- B. For Special Category States: Rs. 8250/- per kW**

For this purpose current assets and current liabilities will be considered as classified in the audited balance sheet for the year immediately preceding the date of opening of bids. In case current assets and/or current liabilities are not classified separately in audited Balance Sheet, a certificate from Statutory Auditor/CPA carrying out the Statutory Audit, for current assets and/or current liabilities, as the case may be, clearly defining the items considered for the same, should be enclosed. However, trade payables shall be a part of current liabilities. If the Working Capital calculated from the audited Balance Sheets is negative, then such working capital shall be treated as zero.

Notes:

1. Other income shall not be considered for arriving at Annual Turnover.
2. The Bidder's financial evaluation vis-à-vis the requirement as stipulated above shall be done on the basis of duly printed (offset) Annual Report/Equivalent Financial Statement for the immediately preceding Three years submitted by the Bidder along with the Bid. In case, Bid submission date falls upto 30th September, the annual reports/ equivalent financial statement upto previous year of immediate preceding Financial Year shall be considered and for the Tenders having Bid submission date after September, the annual reports/ equivalent Financial statement upto immediate preceding Financial year shall be considered. Further, standalone audited Annual Financial Statement of Bidder shall be forming part of the Annual Report/ equivalent financial statement.

In case, if bidder has not submitted the above Annual Report/ Equivalent Financial Statement along with Bid, then a certificate from CEO/CFO of the Bidder shall be submitted along with Bid mentioning that the requirement of Annual Report as per governing law of country is not mandatory in case of such bidders Equivalent Financial Statement shall be considered. In such cases, duly notarized copies of Audited Printed Annual Financial Statement (Balance Sheet, Profit & Loss Statement, cash flow statement, Auditor 's Report thereon including all relevant Schedules/ annexures etc.) for

the immediately preceding 3(Three) years be submitted by the bidder along with the Bid.

The Annual Financial Statement shall be considered for evaluation in same manner as defined in above para for consideration of Annual Reports/ Equivalent Financial Statement.

3. Wherever, the Annual Report/ duly self-certified/Attested copies of Audited Printed Annual Financial Statement are in language other than English, then copy duly translated & printed into English language and certified by approved / recognized English translator shall be submitted with the Bid.

4. For the Purpose of compliance to the stipulated turnover criteria given at Financial Criteria, the construction turnover from Joint Ventures(s) as declared in the Joint Venture Agreement shall also be considered.

The proportionate JV Turnover shall be certified by their Chartered Accountant in the case of the same not appearing in Audited Financial Statement.

5. The qualification given by Statutory Auditors on the Financial Statements which have impact on Net Worth, Turnover, Working Capital or any other financial item shall be taken into account for calculating the above financial parameters of Qualifying Criteria.
6. In case where Audited financial results for the immediately preceding year are not available, then an statement of account as on closing date of the immediately preceding financial year depicting the Turnover and Net worth (calculated as per laid down criteria) duly certified by their Statutory Auditor/Certified Public Accountant carrying out the statutory audit shall be enclosed with the Bid along with copy of appointment letter of the statutory auditor. The Certificate should be issued with Unique Document Identification Number (UDIN) as per Gazette Notification No. 1-CA(7)/192/2019 dated 02.08.2019 or any other document identification number issued to Certified Public Accountants by their respective Institute, if applicable.
7. The bidders who intend to quote for more than one States/UT, have to fulfil the total financial criteria required for each States/UT cumulatively.

3.2. B.4 Bids of any insolvent firm:

The Bidder or partner of JV against whom an application for initiating corporate insolvency resolution process has been admitted by the Adjudicating Authority under the Insolvency and Bankruptcy Code 2016, or as amended from time to time, shall not be eligible for bidding. The same shall also be applicable to the Bidder company, who has taken unconditional technical and/or financial support from their Parent/Holding Company; against whom an application for initiating corporate insolvency resolution process has been admitted by the Adjudicating Authority under the Insolvency and Bankruptcy Code 2016 (IBC 2016), or as amended from time to time.

In case, bidder or JV partner in respect of whom any application for initiating corporate insolvency resolution process was not admitted at the time of submission of bid, but

subsequently during the period of evaluation of bids or any time before the work is awarded, any such application is admitted by the Adjudicating Authority under the IBC 2016 (equivalent laws of the country where the firm has been incorporated/registered shall be applicable), the bidder shall be considered as ineligible and his bid shall be rejected.

An Undertaking that “no insolvency proceedings are admitted by the Adjudicating Authority against bidder or partner of JV under the IBC 2016 (equivalent laws of the country where the firm has been incorporated / registered shall be applicable)” shall be submitted on letter head duly signed by the Authorized representative of bidder or all the partners of JV.

Further, the Bidder, after submitting the bid till the time of award of work, shall inform NHPC regarding any admission of application for corporate insolvency resolution process by the Adjudicating Authority under the IBC 2016 against bidder or partner of JV and any suppression of such fact shall render the bidder liable for rejection of his bid and banning of business dealing as per terms and conditions of Guidelines of banning of business dealings under Integrity Pact.

3.3 Nature of bidders

The Bidder should be a Sole bidder for participating in the tendering for this Project.

For evaluation of specific construction experience of various bidders, following criteria shall be considered: -

1. The evaluation of Bidder’s Specific Construction experience for a work executed on JV basis shall be based on his role and scope of work in such joint ventures. To establish his role and scope of work in such Joint Venture contracts, the Bidder shall provide documentary evidence such as JV agreement/contract of the work to the extent of experience claimed by him. In case the quantum of work as per experience certificate does not match with the scope of work as defined in the JV/consortium agreement, then the experience credentials shall be considered as per the experience certificate issued by the employer / client.
2. In case scope of work of individual partners is not clearly defined in the JV/consortium agreement then credential of bidder being partner in a JV/consortium shall be decided in the following manner:-
 - a. Where specific experience certificate in respect of individual JV partners is available, the same shall be considered to the extent of work executed by such JV partner as per the experience certificate.
 - b. Where specific experience certificate is not available, or experience certificate is issued in the name of JV/consortium, the evaluation shall be done in the following manner:-
 1. In case the participation / profit sharing percentage of bidder as per JV agreement is at least 35%, full credit of the work executed by the JV/consortium shall be given to such bidder.
 2. In case the participation / profit sharing percentage of bidder in JV agreement is less than 35%, credit of work executed under such JV shall be given to such bidder on pro-rata basis.

3. Notwithstanding (i) and (ii) above, in case of availability of specific experience certificate, (a) above shall apply.
In case both participation share and profit sharing ratio are available in the JV Agreement, participation share shall prevail.
3. For the portion of work executed through a sub-contractor, full experience for that portion of work can be claimed by the Contractor as well as sub-contractor for fulfilling criteria for evaluation of bidder's specific experience.

3.4 Joint Venture/Consortium Bidders: Deleted

3.5 Deleted.

3.6 Bids by Merged/ Acquired/ Subsidiary Companies:

In case of a Bidder Company, formed after merger and/or acquisition of other companies, past experience and other antecedents of the merged/acquired companies will be considered for qualification of such Bidder Company provided such Bidder Company continues to own the requisite assets and resources of the merged/acquired companies needed for execution and successful implementation of the work package put to tender.

If the Bidder Company is a Subsidiary Company and applies for tender on the unconditional technical and financial strength of the Parent/Holding Company, the same shall be considered provided the Parent/Holding Company commits to sign a Separate Agreement with NHPC Limited, confirming full support for the Technical and Financial requirements of the Subsidiary Company and commits to take up the works itself in case of non-performance by the Subsidiary Company in the event of award of the works to the Bidder Subsidiary Company. An undertaking by the Parent/ Holding Company to this effect shall be submitted- along with the tender. A Subsidiary Company intending to qualify on the strength of Parent/ Holding Company shall not be allowed to participate as a 'Sub-Contractor'.

For the purpose stated herein above in this clause, 'Parent Company' shall mean the 'Holding Company' owning majority (more than 50%) shares of such Bidder (Subsidiary) Company. Similarly by extensions of this interpretation, if "A" is owned by a 'Holding Company' "B" which in turn is owned by another 'Holding Company' "C", then "C" is construed as the 'Parent Company' of "A" as well as "B" and so on. An apex 'Parent Company' may own number of independent Subsidiary/Group Companies and if any of these Subsidiary/Group Company commits assured support and unhindered access to its assets and resources to another Subsidiary/Group Company (Bidder in this case) under the same apex 'Parent Company' then experience and other credentials of such Subsidiary/Group Company shall be considered for qualification of the Bidder Subsidiary Company provided such commitment is evidenced/ authorized and guaranteed by the apex 'Parent Company'.

The experience of subsidiary companies of the Parent/ Holding Company will be considered experience of the Parent/ Holding Company.

However, for fulfilment of financial criteria, the Bidder's financial evaluation vis-à-vis the requirement as stipulated above shall be done on the basis of consolidated Annual Report for the

immediately preceding 3 (three) years of the Parent Company/ Apex Parent Company submitted by the Bidder along with the Bid/Application.

3.7 Each bidder must also produce with their Bid:

- i) PAN No. and EPF Registration No.
- ii) GST Registration No.
- iii) A declaration that the information furnished with the bid documents is correct in all respects in Annexure-1: Form of declaration
- iv) Such other certificates, if any, as defined in the ITB.

3.8 To qualify for Contract for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having work experience, financial capability and resources sufficient to meet the aggregate of the qualifying criteria. Failure to produce the certificates and documents as required under clause 3.2 shall make the bid non-responsive.

3.9 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements.

4. TIME FOR COMPLETION

The successful bidder shall complete the entire work within the time specified under S.No.-1(vii) of NIT.

5. Tenders must be accompanied by the Bid Security. The bids not accompanied by the requisite bid security shall be rejected as non-responsive.

6. Deleted

7. PRE-BID MEETING

- a) A Pre-bid meeting open to all the prospective bidders will be held on the date mentioned at para 1 above at NHPC Office Complex, Sector-33, Faridabad, wherein they shall be given an opportunity to obtain clarifications, if any, regarding the work and bid conditions.

The bidders may also attend Pre-bid meeting through video conferencing on scheduled date and time or as amended. The bidders who wish to join the meeting through video-conferencing shall intimate Tender Inviting Authority (TIA) at least 02 (two) days prior to pre-bid meeting their details viz. name of participant & designation, mobile no., e-mail address, name of firm or any other information required for video-conferencing. The participant should have good internet connectivity, as TIA shall not be held responsible for any disruption due to internet or any technical issues.

Meeting ID alongwith password shall be shared 01 (one) hour prior to scheduled time to the participant's e-mail/ mobile no. of prospective bidder.

- b) Prospective bidders may submit their queries, if any, by email / courier at address of Tender Inviting Authority at least three days before the pre-bid meeting so that the same can be replied during the meeting.

8. BID SUBMISSION

- i) Online Bid Submission –Technical Bid (Cover-I) (Refer ITB) and State/UT wise Price Bid (Cover-II) electronic format complete in all respect must be uploaded at the aforesaid portal by the date & time as per SI. No.1 above.
- ii) Offline Bid Submission (Refer ITB) complete in all respect must be delivered in sealed envelopes to the address upto the last date & time of submission.

In the event of the specified date or amendment, if any, for the submission of bids being declared a holiday for the Employer, the hard copy of the documents will be received up to the specified time on the next working day. Similarly, in the event of the specified date or amendment if any for the opening of bids being declared a holiday for the Employer, the opening shall be carried out at the specified time on the next working day. However, the date and time for online submission of the Bids shall continue to be the date and time specified or amendment if any.

9. The currency for the Bid shall be Indian Rupee only.

10. Bids shall be valid for a period as mentioned in S No. 1 after the deadline for online Bid submission. If any Bidder withdraws his Bid before the said period or makes any modification in his Bid, the bid of such bidder shall be rejected and Bid Security submitted by the Bidder shall be forfeited.

11. The Techno-commercial Bid shall be opened online at venue on the specified date & time as per S.No.-1. The time and date for opening of Financial Bid of bidders qualified in the technical bid shall be communicated to them at later date after evaluation of technical bids. The NHPC/ NHPC REL/Tender inviting Authority at his discretion may open Technical and Financial Bid simultaneously and evaluate the Bid completely.

12. E-tendering: Instruction for online bid submission

The Techno-commercial Bid and Price Bid to be submitted on-line at Central Public Procurement e-Portal <http://eprocure.gov.in/eprocure/app>. The bidders are required to submit soft copies of their bids electronically on the Central Public Procurement (CPP) Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

12.1 Registration:

- i) Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal by using the “Online Bidder Enrolment” option available on the home page. Enrolment on the CPP Portal is free of charge.
- ii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- iii) During enrolment/ registration, the bidders should provide the correct/true information including valid email-id & mobile no. All the correspondence shall be made directly with the Consultants/ bidders through email-id provided.
- iv) For e-tendering possession of valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) is mandatory which can be obtained from SIFY/TCS/nCode/eMudra or any Certifying Authority recognized by CCA India one Token/Smart Card.
- v) Upon enrolment on CPP Portal for e-tendering, the bidders shall register their valid Digital Signature Certificate with their profile.
- vi) Only one valid DSC should be registered by a bidder. Bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse and should ensure safety of the same.

- vii) Bidders can then log into the site through the secured login by entering their userID/password and the password of the DSC/ eToken.

12.2 Searching for Tender documents:

- a) There are various search options built in the CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/e-mail in case there is any corrigendum issued to the tender document.
- c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/ help from the Helpdesk.

12.3 Preparation of Bids:

- a) For preparation of bid, Bidders shall search the tender from published tender list available on site and download the complete tender document and should take into account corrigendum, if any, published before submitting their bids. After selecting the tender document same shall be moved to the 'My Favourite' folder of bidders account from where bidder can view all the details of the tender document.
- b) Bidder shall go through the tender document carefully to understand the documents required to be submitted as part of the bid. Bidder shall note the number of covers in which the bid documents have to be submitted, the number of documents, including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Any clarifications if required then same may be obtained online through the tender site or through the contact details given in the tender document.
- d) Bidders should get ready in advance the bid documents to be submitted as indicated in the tender document/ schedule in PDF/ xls/ rar/ zip/ dwf formats. If there is more than one document, they can be clubbed together using zip format. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of scanned documents.
- e) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, Annual Reports, Auditor Certificates etc.) has been provided to the bidders. Bidders can use "MySpace" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" or "Other Important Documents" area as per tender requirements while submitting the bid and need not be uploaded again and again. This will lead to reduction in the time required for bid submission process.

12.4 Submission of Bids:

- i) Bidder should log into the site well in advance for bid submission so that he/ she uploads the bid in time i.e. on or before the bid submission time.
- ii) Bidder should prepare the respective zonewise Tender Fee and EMD as per the instructions specified in the NIT/tender document. The originals should be submitted to the Tender Inviting Authority, on or before the last date & time of offline bid submission. The details of the DD/BC/BG/Insurance Surety Bond, physically sent,

should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

- iii) While submitting the bids online, the bidder shall read the terms & conditions (of CPP portal) and accepts the same in order to proceed further to submit their bid.
- iv) Deleted
- v) Bidder shall digitally sign and upload the required bid documents one by one as indicated in the tender document.
- vi) Bidders shall note that the very act of using DSC for downloading the tender document and uploading their offers is deemed to be a confirmation that they have read all sections and pages of the tender document without any exception and have understood the complete tender document and are clear about the requirements of the tender document.
- vii) Bidder shall note that each document to be uploaded for the tender should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same can be uploaded. For the file size of less than 1 MB, the transaction uploading time will be very fast.
- viii) Utmost care shall be taken for uploading Schedule of Quantity & Price and any change/modification of the price schedule shall render it unfit for bidding. Bidders shall download the Schedule of Quantities & Prices in XLS format and save it without changing the name of the file. Bidder shall quote their rates in figures in white background cells, thereafter save and upload the file in financial bid cover (Price bid) only. If the template of "Schedule of Quantities & Prices" file is found to be modified/ tampered by the bidder which tantamount to fraudulent practices and the bid shall be rejected and further dealt as per provision of clause no 32 of ITB including forfeiture of EMD/ BG/Insurance Surety Bond. The bidders are cautioned that uploading of financial bid elsewhere i.e. other than in cover 2 will result in rejection of the tender.
- ix) Bidders shall submit their bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.
- x) After the bid submission (i.e. after Clicking "Freeze Bid Submission" in the portal), the bidders shall take print out of system generated acknowledgement number and keep it as a record of evidence for online submission of bid, which will also act as an entry pass to participate in the bid opening.
- xi) Bidder should follow the server time being displayed on bidder's dashboard at the top of the tender site, which shall be considered valid for all actions of requesting bid submission, bid opening etc., in the e-tender system.
- xii) All the documents being submitted by the bidders would be encrypted using PKI (Public Key Infrastructure) encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to 24x7 CPP Portal Helpdesk. Toll Free **Number 0120-4001-002, 0120-4001-005 and 0120-6277-787.**

- 13.0** Any corrigendum, subsequent amendments and/or extension of dates, if any, for submission of Bids shall be posted on the portal <https://eprocure.gov.in/eprocure/app>. Bidder(s) are advised to visit the portal regularly before the deadline for submission of Bids.
- 14.0** The employer reserves the right to accept or reject any Bid and to cancel the Bidding process and reject all Bids, at any time prior to the award of Contract, without thereby

incurring any liability to the affected Bidder or Bidder(s). The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Employer will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process. However, the Bidder(s) who wish to seek reasons for such decision of cancellation/rejection shall be informed of the same by Employer unless its disclosure reasonably could be expected to affect the sovereignty and integrity of India, the security, strategic, scientific or economic interest of the state or lead to incitement of an offence.

- 15.0** In case of any difference between wordings of English and Hindi version of ‘Notice Inviting Tender’, English version shall prevail.

**(For & on behalf of NHPC Ltd.)
General Manager (Civil Contracts-I)
Room No.218, ^{2nd} Floor, Jyoti Sadan,
NHPC OFFICE COMPLEX,
Sector-33, Faridabad-121003, Haryana, India
Tele No: +91 (129) 2270596
Email: contcivil-co@nhpc.nic.in**

(I) BIDDING DATA

The following specific data for the Works to be procured shall complement, amend, or supplement the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in Instructions to Bidder:

| S. No. | Reference Clause No. | Description | Particulars |
|--------|----------------------|--|---|
| 1 | 1 | Name of Work | Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY) |
| 2 | 7 | Pre-bid meeting: Venue, Date & Time | Venue: NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad (Haryana). The bidders may also attend Pre-bid meeting through video conferencing on scheduled date and time or as amended. Date: 07.02.2025 Time: 15:00 Hrs |
| 3 | 13 | Bid Validity | 120 days from the last date of submission of online Bid. |
| 4 | 14 | Earnest Money Deposit | i) Rs 43,000/- (Rupees Forty Three Thousand only) for Jammu & Kashmir. ii) Rs 3,38,000/- (Rupees Three Lakh, Thirty Eight Thousand only) for Himachal Pradesh. iii) Rs 25,85,000/- (Rupees Twenty Five Lakh, Eighty Five Thousand only) for Uttarakhand. iv) Rs 7,81,000/- (Rupees Seven Lakh, Eighty One Thousand only) for Uttar Pradesh. v) Rs 5,42,000/- (Rupees Five Lakh, Forty Two Thousand only) for Haryana. vi) Rs 12,36,000/- (Rupees Twelve Lakh, Thirty Six Thousand only) for Delhi. vii) Rs 2,02,000/- (Rupees Two Lakh, Two Thousand only) for Punjab. viii) Rs 1,75,000/- (Rupees One Lakh, Seventy Five Thousand only) for Gujarat. ix) Rs 14,86,000/- (Rupees Forteen Lakh, Eighty Six Thousand only) for Rajasthan. x) Rs 4,09,000/- (Rupees Four Lakh, Nine Thousand only) for Madhya Pradesh. xi) Rs 14,81,000/- (Rupees Forteen Lakh, Eighty One Thousand only) for Maharashtra. xii) Rs 3,88,000/- (Rupees Three Lakh, Eighty Eight Thousand only) for Odisha. xiii) Rs 14,09,000/- (Rupees Fourteen Lakh, Nine Thousand only) for West Bengal. xiv) Rs 1,98,000/- (Rupees One Lakh, Ninety Eight Thousand only) for Sikkim. xv) Rs 91,000/- (Rupees Ninety One Thousand only) for Bihar. xvi) Rs 2,29,000/- (Rupees Two Lakh, TwoNinety One Thousand only) for Jharkhand. |

| | | | |
|----|----|--|---|
| | | | <p>xvii) Rs 1,09,000/- (Rupees One Lakh, Nine Thousand only) for Andhra Pradesh.</p> <p>xviii) Rs 17,86,000/- (Rupees Seventeen Lakh, Eighty Six Thousand only) for Telangana.</p> <p>xix) Rs 33,95,000/- (Rupees Thirty Three Lakh, Ninety Five Thousand only) for Karnataka.</p> <p>xx) Rs 7,80,000/- (Rupees Seven Lakh, Eighty Thousand only) for Kerela.</p> <p>xxi) Rs 35,78,000/- (Rupees Thirty Five Lakh, Seventy Eight Thousand only) for Tamilnadu.</p> <p>xxii) Rs 60,000/- (Rupees Sixty Thousand only) for Arunachal Pradesh.</p> <p>xxiii) Rs 6,22,000/- (Rupees Six Lakh, Twenty Two Thousand only) for Assam.</p> <p>xxiv) Rs 1,51,000/- (Rupees One Lakh, Fifty One Thousand only) for Mizoram.</p> <p>xxv) Rs 1,49,000/- (Rupees One Lakh, FortyNine Thousand only) for Meghalaya.</p> |
| 5 | 17 | Deadline for online submission of bids | 03.03.2025 , Time : 17:30 Hrs |
| 6 | 17 | Deadline for offline submission of bids | 06.03.2025, Time : 17:00 Hrs |
| 7 | 20 | Time and Date for opening Technical Bids (online and offline) | 07.03.2025, Time: 15:00 Hrs |
| 8 | 24 | Time and Date of opening Financial Bids | Shall be intimated separately to Bidders whose Bids are found to be Technically responsive. |
| 9 | 24 | Time and Date of e-RA for each State/UT | Shall be intimated separately after activity at S.No. 8 above. |
| 10 | 33 | Name of IEM | <p>1. Dr. Vinod Aggarwal</p> <p>2. Sri Prabhash Singh</p> |

INSTRUCTION TO BIDDERS

A. INTRODUCTION

1. SCOPE:

Online bids are invited through **Domestic Competitive Bidding in Single Stage-Two Part Bidding** Basis (i.e.Part-I: QR+Technical-Bid and Part-II:Financial Bid) with e-Reverse Auction (e-RA) by NHPC Ltd. on behalf of NHPC Renewable Energy Limited (NHPC REL)- a wholly owned subsidiary of NHPC Limited {herein after referred to as Project Management Consultant (PMC) for the RESCO Project set up by Roof Top Developer (RTD)} from eligible **Bidders** for **“Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY)”**

The bid will be received, opened and evaluated online in electronic form through NHPC’s E-tendering portal i.e. <http://eprocure.gov.in/eprocure/app> [Link to reach at site is also available at NHPC website i.e., www.nhpcindia.com →e-Procurement→Govt. e-Procurement System of NIC (GePNIC) under Central Public Procurement Portal (CPPP)].

After e-tendering, State/UT wise e-Reverse Auction (e-RA) shall be conducted at application service provider’s portal. Bid shall be prepared and submitted in accordance with instructions contained in this Section.

This section of the RFS document provides the information necessary for Bidders to prepare online responsive bids, in accordance with the requirements of the Employer. It also provides information on online bid submission, opening, evaluation, e-Reverse Auction and Contract award.

The bidders may bid for any/all State/UT. The evaluated lowest bidder (L1) will be selected for each State/UT.

2. ELIGIBLE BIDDERS:

- i. The bidder must be an Indian incorporated legal Entity operating under commercial law of their respective jurisdiction.
- ii. Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices by the NHPC/ NHPC REL, any Government institution or Public Sector Undertaking in India in accordance with ITB Clause 32.1 (a) of tender document, as on bid submission date.
- iii. The Bidders whose contract(s) have been terminated due to poor performance by the Employer, shall not be allowed to participate in the bidding process for next 5 years w.e.f. the date of notification of termination.
- iv. Bidders shall not have been banned/ de-listed/ black listed/ debarred from business on the ground mentioned in para 6 of Guidelines on Banning of Business dealings (Annexure-2A) to Integrity (Annexure-2 of ITB) Pact of tender document at the time of submitting the bid and shall intimate immediately of any such banning/de-listing/ black- listed/debarring after submission of bid till the award of the tender. Self-Declaration in this regard is to be submitted as per the proforma enclosed in tender document.
- v. Bidders shall meet the qualification criteria as defined in Clause 3.2.
- vi. To qualify for Contract for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having work experience, financial capability and resources sufficient to meet the aggregate of the qualifying criteria. Failure to produce the certificates and documents in this regard shall make the bid non-responsive.
- vii. Even though the bidders meet the qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements.

3. QUALIFICATION OF THE BIDDER

3.1 All bidders shall include the following information and documents with their bids in Qualification Information unless otherwise stated in the ITB:

- a) Written power of attorney of the signatory of the Bid to commit the Bidder. Additional information as sought in the Annexure-3A (Qualification Information Sheets of ITB) shall be provided.
- b) Work experience to demonstrate meeting the criteria stipulated in clause 3.2.A shall be provided in Annexure-3 (3B: Qualification Information Sheets). The work experience shown shall be supported with certificate(s) from the Engineer-in-charge/Project head of the concerned work. In case of experience certificate produced by the Contractors for having works for Private Organizations, TDS Certificates shall also be produced along with experience certificate.
- c) Information on financial criteria stipulated in clause 3.2 B shall be furnished along with Copy of affidavit/Certificate of CA mentioning Financial Turnover of immediately preceding 3 (three) years. Printed Annual reports or financial statements of the Bidder, such as balance sheet, profit and loss statements and auditor's reports as the case may be for the immediately preceding 3 (three) years shall be submitted to ascertain bidder's meeting the financial criteria.

3.2. QUALIFICATION CRITERIA

The qualification will be subject to Bidder's fulfillment of the Qualification Criteria set and stipulated hereunder, substantiated by authentic and relevant information and details. Additional information in support of their claims of achievements may be furnished in any form of their device and design. The Bidder(s) who wish to apply for Tender for the aforesaid work must satisfy the following qualifying criteria:

3.2.A The Bidder(s) must satisfy the following technical qualifying criteria:

3.2.A.1 The Bidder should have designed, supplied, erected and commissioned Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 400 kWp or higher, out of which at least one plant should have been of 40 kWp or more.

OR

3.2.A.2 The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 400 kWp or higher, out of which at least one plant should have been of 40 kWp or more.

OR

3.2.A.3(a) The Bidder should have executed in the last ten (10) years either as developer or as EPC Contractor in process industry or in infrastructure development of single work having minimum value of Rs. 4.0 Crores.

AND

- (b) The Bidder should have executed at least one (1) Electrical Sub-station of 11 kV or above voltage level, consisting of equipment such as 11kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be in successful operation for at least one(1) year prior to the last date of submission of bid.

The works referred to clause 3.2.A.3 (a) & 3.2.A.3 (b) can be in same or different projects.

Notes:

- a) The reference SPV based grid connected power plant of 40 kWp or higher capacity should be at a single location developed by Bidder for itself or any other client.
- b) SPV based Roof-top/Ground mounted/Floating solar power projects, which are grid connected, shall be considered eligible for QR purposes.
- c) Bidder shall submit certificate of successful completion and operation from the Owner.
- d) In case the award for the reference works has been received by the Bidder either directly from owner of plant or any other intermediary organization, a certificate from such owner of plant or the intermediary organization shall be required to be furnished by the Bidder along with its bid document in support of its claim of meeting requirement stipulated above.
- e) Developer means an entity who has either executed or got executed the work/ project as owner of industrial projects.
- f) The qualification criteria in Clause 3.2.A.1 or 3.2.A.2 or 3.2.A.3 are mutually exclusive. The bidder has to fulfil any one of the above-mentioned technical eligibility criteria which are individually exclusive.
- g) Bidder can also claim the experience of a Group Company/Holding company /Subsidiary Company for meeting the requirement (s) of clause 3.2.A.1 or 3.2.A.2 or 3.2.A.3 . In such a case, the Bidder shall furnish an Undertaking jointly executed by the Firm qualified as per Clause 3.2.A.1 or 3.2.A.2 or 3.2.A.3 and the Bidder along with its bid document for complete performance of the Contract (in case of award) jointly or severally, as per the format enclosed in the bid document, failing which, the Bidder's bid document is liable to be rejected.
- h) Experience of bidders as EPC Contractor for supply of Balance of System (BOS) items and erection, testing, commissioning of entire solar plant shall be considered.
- i) To ascertain the executed value of work for Cl. 3.2.A.3(a), the value of Work experience in INR shall be enhanced on pro-rata basis by 7% simple rate per annum up to the date of Bid Opening from the completion date mentioned in the completion certificate.
- j) Capacity below 10kWp at single installation shall not be considered in cumulative capacity.

3.2. B Financial Criteria

3.2.B.1 Turnover: State/UT wise average Annual Turnover in the preceding 3 years shall be not less than as under:

A. For Normal Category States: Rs. 18000/-per kW

B. For Special Category States: Rs. 14850/- per kW

3.2.B.2 Networth: The bidder should have positive “Net Worth” in at least 02 financial years out of the last 03 financial years, with the condition of positive net worth in immediately preceding financial year.

‘Net Worth’ means the aggregate value of the paid-up share capital and all reserves created out of the profits, securities premium account and debit or credit balance of profit and loss account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

For assessment, relevant pages of Annual Report containing Net Worth figure duly certified by Authorized representative of Bidder, otherwise, figure duly authenticated by the Statutory Auditors should be submitted.

3.2.B.3 Working Capital: The State/UT wise working capital (current assets minus current liabilities) shall be as under:

A. For Normal Category States: Rs. 10000/-per kW

B. For Special Category States: Rs. 8250/- per kW

For this purpose current assets and current liabilities will be considered as classified in the audited balance sheet for the year immediately preceding the date of opening of bids. In case current assets and/or current liabilities are not classified separately in audited Balance Sheet, a certificate from Statutory Auditor/CPA carrying out the Statutory Audit, for current assets and/or current liabilities, as the case may be, clearly defining the items considered for the same, should be enclosed. However, trade payables shall be a part of current liabilities. If the Working Capital calculated from the audited Balance Sheets is negative, then such working capital shall be treated as zero.

Notes:

1. Other income shall not be considered for arriving at Annual Turnover.
2. The Bidder's financial evaluation vis-à-vis the requirement as stipulated above shall be done on the basis of duly printed (offset) Annual Report/Equivalent Financial Statement for the immediately preceding Three years submitted by the Bidder along with the Bid. In case, Bid submission date falls upto 30th September, the annual reports/ equivalent financial statement upto previous year of immediate preceding Financial Year shall be considered and for the Tenders having Bid submission date after September, the annual reports/ equivalent Financial statement upto immediate preceding Financial year shall be considered. Further, standalone audited Annual Financial Statement of Bidder shall be forming part of the Annual Report/ equivalent financial statement.

In case, if bidder has not submitted the above Annual Report/ Equivalent Financial Statement along with Bid, then a certificate from CEO/CFO of the Bidder shall be submitted along with Bid mentioning that the requirement of Annual Report as per governing law of country is not

mandatory in case of such bidders Equivalent Financial Statement shall be considered. In such cases, duly notarized copies of Audited Printed Annual Financial Statement (Balance Sheet, Profit & Loss Statement, cash flow statement, Auditor 's Report thereon including all relevant Schedules/ annexures etc.) for the immediately preceding 3(Three) years be submitted by the bidder along with the Bid. The Annual Financial Statement shall be considered for evaluation in same manner as defined in above para for consideration of Annual Reports/ Equivalent Financial Statement.

3. Wherever, the Annual Report/ duly Self-certified/Attested copies of Audited Printed Annual Financial Statement are in language other than English, then copy duly translated & printed into English language and certified by approved / recognized English translator shall be submitted with the Bid.
4. For the Purpose of compliance to the stipulated turnover criteria given at Financial Criteria, the construction turnover from Joint Ventures(s) as declared in the Joint Venture Agreement shall also be considered.

The proportionate JV Turnover shall be certified by their Chartered Accountant in the case of the same not appearing in the Audited Financial Statement.

5. The qualification given by Statutory Auditors on the Financial Statements which have impact on Net Worth, Turnover, Working Capital or any other financial item shall be taken into account for calculating the above financial parameters of Qualifying Criteria.
6. In case where Audited financial results for the immediately preceding year are not available, then an statement of account as on closing date of the immediately preceding financial year depicting the Turnover and Net worth (calculated as per laid down criteria) duly certified by their Statutory Auditor/Certified Public Accountant carrying out the statutory audit shall be enclosed with the Bid along with copy of appointment letter of the statutory auditor. The Certificate should be issued with Unique Document Identification Number (UDIN) as per Gazette Notification No. 1-CA(7)/192/2019 dated 02.08.2019 or any other document identification number issued to Certified Public Accountants by their respective Institute, if applicable..
7. The bidders who intend to quote for more than one States/UT, have to fulfil the total financial criteria required for each States/UT cumulatively.

3.2. B.4 Bids of any insolvent firm:

The Bidder or partner of JV against whom an application for initiating corporate insolvency resolution process has been admitted by the Adjudicating Authority under the Insolvency and Bankruptcy Code 2016, or as amended from time to time, shall not be eligible for bidding. The same shall also be applicable to the Bidder company, who has taken unconditional technical and/or financial support from their Parent/Holding Company; against whom an application for initiating corporate insolvency resolution process has been admitted by the Adjudicating Authority under the Insolvency and Bankruptcy Code 2016 (IBC 2016), or as amended from time to time.

In case, bidder or JV partner in respect of whom any application for initiating corporate insolvency resolution process was not admitted at the time of submission of bid, but subsequently during the period of evaluation of bids or any time before the work is awarded, any such application is admitted by the Adjudicating Authority under the IBC 2016 (equivalent laws of the country where the firm has been incorporated/registered shall be applicable), the bidder shall be considered as ineligible and his bid shall be rejected.

An Undertaking that “no insolvency proceedings are admitted by the Adjudicating Authority against bidder or partner of JV under the IBC 2016 (equivalent laws of the country where the firm has been incorporated / registered shall be applicable)” shall be submitted on letter head duly signed by the Authorized representative of bidder or all the partners of JV.

Further, the Bidder, after submitting the bid till the time of award of work, shall inform NHPC regarding any admission of application for corporate insolvency resolution process by the Adjudicating Authority under the IBC 2016 against bidder or partner of JV and any suppression of such fact shall render the bidder liable for rejection of his bid and banning of business dealing as per terms and conditions of Guidelines of banning of business dealings under Integrity Pact.

3.3 Nature of Bidders.

The Bidder should be a Sole bidder for participating in the tendering for this Project.

For evaluation of specific construction experience of various bidders, following criteria shall be considered: -

1. The evaluation of Bidder’s Specific Construction experience for a work executed on JV basis shall be based on his role and scope of work in such joint ventures. To establish his role and scope of work in such Joint Venture contracts, the Bidder shall provide documentary evidence such as JV agreement/contract of the work to the extent of experience claimed by him. In case the quantum of work as per experience certificate does not match with the scope of work as defined in the JV/consortium agreement, then the experience credentials shall be considered as per the experience certificate issued by the employer / client.
2. In case scope of work of individual partners is not clearly defined in the JV/consortium agreement then credential of bidder being partner in a JV/consortium shall be decided in the following manner:-
 - (a)Where specific experience certificate in respect of individual JV partners is available, the same shall be considered to the extent of work executed by such JV partner as per the experience certificate.
 - (b)Where specific experience certificate is not available, or experience certificate is issued in the name of JV/consortium, the evaluation shall be done in the following manner:-
 - i. In case the participation / profit sharing percentage of bidder as per JV agreement is at least 35%, full credit of the work executed by the JV/consortium shall be given to such bidder.

- ii. In case the participation / profit sharing percentage of bidder in JV agreement is less than 35%, credit of work executed under such JV shall be given to such bidder on pro-rata basis.
- iii. Notwithstanding (i) and (ii) above, in case of availability of specific experience certificate, (a) above shall apply.

In case both participation share and profit sharing ratio are available in the JV Agreement, participation share shall prevail.

- 3. For the portion of work executed through a sub-contractor, full experience for that portion of work can be claimed by the Contractor as well as sub-contractor for fulfilling criteria for evaluation of bidder's specific experience.

3.4 JOINT VENTURE BIDDERS/CONSORTIUM BIDDERS: Deleted

3.5 Deleted

3.6 Bids by Merged/ Acquired/ Subsidiary Companies:

In case of an Bidder Company, formed after merger and / or acquisition of other companies, past experience and other antecedents of the merged / acquired companies will be considered for qualification of such Bidder Company provided such Bidder Company continues to own the requisite assets and resources of the merged / acquired companies needed for execution and successful implementation of the work package put to tender.

If the Bidder Company is a Subsidiary Company and applies for tender on the unconditional technical and financial strength of the Parent / Holding Company, the same shall be considered provided the Parent / Holding Company commits to sign a Separate Agreement with NHPC Ltd confirming full support for the technical and financial requirements of the Subsidiary Company and commits to take up the work itself in case of non-performance by the Subsidiary Company in the event of award of the work to the Bidder Subsidiary Company. An undertaking by the Parent / Holding Company to this effect shall be submitted along with the tender. A subsidiary company intending to tender on the strength of Parent / Holding Company shall not be allowed to participate as a 'Sub-Contractor'.

For the purpose stated herein above in this clause, 'Parent Company' shall mean the 'Holding Company' owning majority (more than 50%) shares of such Bidder (Subsidiary) Company. Similarly by extensions of this interpretation, if "A" is owned by a 'Holding Company' "B" which in turn is owned by another 'Holding Company' "C", then "C" is construed as the 'Parent Company' of "A" as well as and so on. An apex 'Parent Company' may own number of independent Subsidiary / Group Companies and if any of these Subsidiary / Group Company commits assured support and unhindered access to its assets and resources to another Subsidiary

/ Group Company (Bidder in this case) under the same apex ‘Parent Company’ then experience and other credentials of such Subsidiary / Group Company shall be considered for tender of the Bidder Subsidiary Company provided such commitment is evidenced / authorized and guaranteed by the apex ‘Parent Company’.

The experience of subsidiary companies of the Parent / Holding Company will be considered experience of the Parent / Holding Company.

However, for fulfillment of financial criteria, financial evaluation vis-à-vis the requirement as stipulated above shall be done on the basis of consolidated printed Annual Report for the immediately preceding 3 (three) years of the Parent Company/Apex Parent Company submitted by the Bidder along with the Bid/Application.

- 3.7** Each bidder must also produce with their Bid:
- i) PAN No. and EPF Registration No. ;
 - ii) GST Registration No.
 - iii) A declaration that the information furnished with the bid documents is correct in all respects in Annexure-1: Form of declaration
 - iv) Such other certificates, if any, as defined in the ITB.
- 3.8** To qualify for Contract for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having work experience, financial capability and resources sufficient to meet the aggregate of the qualifying criteria. Failure to produce the certificates and documents as required under clause 3.2 shall make the bid non-responsive.
- 3.9** Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements.
- 3.10** To improve transparency and fairness in tendering process the Employer is implementing Integrity Pact as per Clause 33 of this ITB. The bidder must submit the Integrity Pact as per Annexure- 2 duly signed as per clause 33 of ITB.

Pre- contract Integrity Pact is to be executed on plain paper at the time of submission of Bid. The successful bidder (contractor) shall submit duly executed Integrity Pact on non-judicial stamp paper of appropriate value prior to signing of Notification of Award.

To oversee the compliance of obligation under the Integrity Pact, **Sh. Prabhash Singh and Dr. Vinod Aggarwal** has been appointed as Independent External Monitor by the Owner.

The Contact Address of IEMs is as under:-

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|--|---|
| Sh. Prabhash Singh, E7/M702 Housing Board Colony, Arere Colony, Bhopal, MP, 462016 e-mail – srgmhrbpl@gmail.com | Dr.Vinod Aggarwal, B-103, Sarvodaya Enclave, 2 nd Floor, New Delhi – 110 017 e-mail – arsv50@gmail.com |
|--|---|

4. COST OF BIDDING

- 4.1** Complete bid document can be viewed and downloaded from NHPC Limited website www.nhpcindia.com (For reference only) and Central Public Procurement (CPP) Portal

<http://eprocure.gov.in/eprocure/app/nhpc>. The bidder will be required to submit a non-refundable fee as detailed below including GST, if applicable, in the form of Crossed Demand Draft in favour of “NHPC Limited” payable at ‘Faridabad’ towards the cost of Tender fee:

- a) Rs.500/- (Rupees Five Hundred only) – each for Jammu & Kashmir, Bihar and Arunachal Pradesh separately.
- b) Rs. 1,000/- (Rupees One Thousand only)- each for Himachal Pradesh, Punjab, Gujarat, Odisha, Sikkim, Jharkhand, Andhra Pradesh, Mizoram and Meghalaya separately.
- c) Rs 1500/- (Rupees One Thousand Five Hundred only) – each for Uttar Pradesh, Haryana, Delhi, Rajasthan, Madhya Pradesh, Maharashtra, West Bengal, Talangana, Kerala and Assam separately.
- d) Rs 5000/- (Rupees Five Thousand only)- each for Uttarakhand, Karnataka and Tamilnadu separately.

The bidder shall fill the tender fee details online and submit same in terms of Clause 16 of ITB on or before the date as specified in “Notice Inviting e-Tender”

Bidders willing to submit the bids for more than one State/UT have to submit the cost of bid documents for individual State/UT separately.

4.2 Deleted

Note: Mere downloading of Bid document by prospective Bidder shall not be construed that such a bidder automatically fulfills the prescribed eligibility criteria. Whether the bidder meets the specific eligibility criteria or not, shall be checked or ascertained, on opening their bids by scrutinizing documentary evidences furnished by them along with their bid.

The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Employer will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

5 SITE VISIT

5.1 The tenderers, in their own interest, should inspect and examine the site and its surroundings and satisfy themselves, before submitting their tender, in respect of the site conditions including but not restricted to the following which may influence or affect the work or cost thereof under the Contract:

- a) Site conditions including access to the site, existing and required roads and other means of transport/communication for use by the in connection with the works;
- b) Requirement and availability of rooftop area and other facilities for their enabling works, colonies, stores and workshops etc.
- c) Ground conditions including those bearing upon transportation, disposal, handling and storage of materials required for the work or obtained there from;
- d) Source and extent of availability of suitable materials including water etc., construction power and labour (skilled and un-skilled) required for work and Laws and Regulations governing their use and employment;
- e) Geological, meteorological, topographical, Hydrological and other general features of the site and its Surroundings as are pertaining to and needed for the performance of the work;

- f) The type of equipment and facilities needed, preliminary to, for and in the performance of the work; and
 - g) All other information pertaining to and needed for the work including information as to the risks, contingencies and other circumstances which may influence or affect the work or the cost thereof under this contract.
- 5.2 The tenderers should note that information, if any, in regard to the site and local conditions, in these tender documents, except for the material agreed to be supplied by NHPC/ NHPC REL, if any, has been given merely to assist the tenderers and is not warranted to be complete.
- 5.3 The tenderers should note and bear in mind that NHPC/ NHPC REL shall bear no responsibility for the lack of acquaintance of the site and other conditions or any information relating thereto, on their part. The consequences of the lack of any knowledge, as aforesaid, on the part of the tenderers shall be at their risk and cost and no charges or claims whatsoever consequent upon the lack of any information, knowledge or understanding shall be entertained or payable by the NHPC/ NHPC REL
- 5.4 **ELIGIBLE PLANT, EQUIPMENT AND SERVICES**
- For the purposes of these RFS documents, the word "Facilities" means the plant and equipment to be supplied and installed, together with the services to be carried out by the RTD under the contract including design.

B. THE RFS DOCUMENTS

6 CONTENT OF RFS DOCUMENTS (OR BID DOCUMENTS)

- 6.1 The Facilities required, bidding procedures, contract terms and technical requirements are prescribed in the RFS documents. The RFS documents include the following sections:
- Vol.0 Notice Inviting Tender (NIT), Bidding Data Sheets & Instructions to Bidders (ITB)
 - Vol.1 Information for Bidders (IFB)
 - Vol.2 Definitions & Standard Copy of Power Purchase Agreement (PPA)
 - Vol.3 Special Conditions of Contract (SCC) with Technical Specifications
 - Vol.4 Forms & Procedure (FP)
- 6.2 The Bidder is expected to examine all instructions, forms, terms, technical specifications and other information in the RFS documents. Failure to furnish all information required by the RFS documents or submission of a bid not substantially responsive to the RFS documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

7 CLARIFICATION OF RFS DOCUMENTS & PRE-BID MEETING

- 7.1 A prospective Bidder requiring any clarification of the RFS documents may notify the NHPC/NHPC REL in writing or by cable (hereinafter, the term cable is deemed to include telefax or email at the NHPC/NHPC REL mailing address indicated in the Invitation for Bids.) The NHPC/NHPC REL will respond during Pre-bid Conference to any request for clarification or modification of the RFS documents, if deemed fit, NHPC/NHPC REL response will be published on the portal <https://eprocure.gov.in/eprocure/app>, including a description of the inquiry, but without identifying its source. The NHPC/NHPC REL shall not be obliged to respond to any request for clarification received later than the above said period. Further, the mere request for clarification from the bidder(s) shall not be a ground for seeking extension in the deadline for submission of bids.
- 7.2 The Bidder is advised to visit and examine the site where the Facilities are to be installed and its surroundings and obtain for itself on its own responsibility of all information that may be

necessary for preparing the bid and entering into a contract for supply and installation of the Facilities. The costs of visiting the site shall be at the Bidder's own expense.

- 7.3 The Bidder and any of its personnel will have to take permission by the respective Building Owner or the Concerned Authority to enter upon its premises and lands for the purpose of such inspection as per 7.2 above, but only upon the express condition that the Bidder and its personnel will release and indemnify the Building Owner/ the Concerned Authority or NHPC/NHPC REL and its personnel from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of the inspection.

7.4 **PRE-BID CONFERENCE:**

Pre bid conference will be held as per details specified in 'NIT' where intending bidders may obtain necessary clarifications to their queries, if any, from NHPC/NHPC REL. All such queries seeking clarification on the bid documents shall be made in writing or by e-mail or facsimile to Tender Inviting Authority at the address indicated in the Bidding Data so as to reach the NHPC/NHPC REL not later than 3 days before the pre-bid meeting so that the same can be replied during the meeting.

The prospective bidder or his authorized representative may attend the pre-bid meeting as indicated above. The bidders who wish to join the meeting on due date & time through video-conferencing shall intimate Tender Inviting Authority (TIA) at least 02 (two) days prior to pre-bid meeting their details viz. name of participant & designation, mobile no., e-mail address, name of firm or any other information required for video-conferencing. The participant should have good internet connectivity as TIA shall not be held responsible for any disruption due to internet or any technical issues.

Meeting ID alongwith password shall be shared 01 (one) hour prior to scheduled time to the participant's e-mail/ mobile no. of prospective bidder. The purpose of the meeting will be to clarify issues and to answer questions on any matter related to the bid that may be raised at that stage.

The NHPC/NHPC REL will respond during Pre-bid Conference to any request for clarification or modification of the RFS documents. If deemed fit, written copies of the NHPC/NHPC REL response (including an explanation of the query) will be sent after Pre-bid Conference to the respective Bidders who have sought clarification.

Any modifications in the Tender documents listed in Clause 6.1 of ITB, which may become necessary as a result of the pre-bid meeting shall be made by the NHPC/NHPC REL exclusively through the issue of an Addendum pursuant to Clause 8 of ITB.

Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

8 AMENDMENT OF RFS DOCUMENTS

- 8.1 At any time prior to the deadline for submission of bids, the NHPC/NHPC REL may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective Bidder, amend the RFS documents by issuing Addendum / Corrigendum.
- 8.2 Any Addendum / Corrigendum thus issued shall be part of the bid documents and shall be posted on E-procurement portal of CPP (<http://eprocure.gov.in/eprocure/app>) / NHPCwebsite. Bidders are advised to visit the portal regularly before the deadline for submission of bids. The amendments to the bid documents will be binding on the prospective bidders and the notification of the amendment communicated through portal, shall be deemed to be construed that such amendment(s) to the bid documents have been taken into account by the bidder in its application. The responsibility of downloading the related Addendum / Corrigendum, if any, will be that of the bidder. No separate intimation in respect of Addendum / Corrigendum (if any) will be sent to bidder(s)

- 8.3 In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bid, the NHPC/NHPC REL may, at its discretion, suitably extend the deadline for the submission of bids and notify through portal <http://eprocure.gov.in/eprocure/app> where all prospective bidders may see the extended deadline.

C. PREPARATION OF BIDS

9 LANGUAGE OF BID

The bid prepared by the Bidder and all correspondence and documents related to the bid exchanged by the Bidder and the NHPC/NHPC REL shall be written in English language, provided that any printed literature furnished by the Bidder may be written in another language, as long as such literature is accompanied by a translation of its pertinent passages in English language, in which case, for purposes of interpretation of the bid, the translation in English shall govern.

10 DOCUMENTS COMPRISING THE BID

- 10.1 The bid submitted by the Bidder shall comprise the following documents

- (a) Covering Letter duly completed and signed by the Bidder (without including the quoted price) as provided in Vol. 4 (Form & Procedures) together with all Attachments identified in ITB Sub-Clause 10.2 below.
- (b) State/UT wise Price Schedules (as applicable) duly completed by the Bidder in online.

- 10.2 Each Bidder shall submit with its bid the following attachments:

- (a) **Attachment 1: Bid Security**

A bid security furnished in accordance with ITB Clause 14.

- (b) **Attachment 2: Power of Attorney**

A power of attorney along with Board resolution for authorizing the executants for issuing Power of Attorney, duly authenticated by a Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and the bid is binding upon the Bidder during the full period of its validity in accordance with ITB Clause 13.

- (c) **Attachment 3: Bidders Eligibility and Qualifications**

The Bidder shall furnish requisite documents / information in support of meeting the qualification requirement as stipulated under ITB clause 2 & 3.

- (i) General Information Sheet as per **Annexures -3 (A), 3(B) & 3(C)**
- (ii) Notarized copy of Letter of Award (LOA), Agreements and Completion Certificates etc.

In case of certificates being issued by Private Employers, the bidders are required to submit notarized TDS certificate(s) or Form 26AS in respect of works claimed to be executed by the respective bidder(s). The Bidder's financial evaluation as per clause 3.2 B above shall be done on the basis of duly printed Annual Report for the years immediately preceding 3 (Three) years submitted by the Bidder along with the Bid. Further, standalone audited Annual Financial Statement of Bidder shall be forming part of the Annual Report.

- (d) **Attachment 4: Eligibility and Conformity of the Facilities and RFS Documents.**

The documentary evidence of the eligibility of the Facilities shall consist of a statement on origin of the plant and equipment offered, which shall be confirmed by a certificate of origin issued at the time of shipment.

The documentary evidence of the conformity of the Facilities to the RFS Documents may be in the form of literature, drawings & data, and shall furnish:

- i) All the RFS Documents as per ITB Clause 6.1 duly signed and stamped on each page as a proof of its acceptance.
- ii) Deleted
- iii) Deleted.

Bidders shall note that standards for workmanship, materials and equipment designated by the NHPC/NHPC REL in the RFS documents are intended to be descriptive (establishing standards of quality and performance) only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers, during currency of contract, provided that it demonstrates to the NHPC/NHPC REL satisfaction that the substitutions are substantially equivalent or superior to the standards designated in the Technical Specifications

- (e) **Attachment 5: Deleted**
- (f) **Attachment 6: Deleted**
- (g) **Attachment 7:** PERT Network (L2 Schedule). The bidder shall submit the State/UT wise brief integrated PERT Network (L2 Schedule) for the work matching the Time schedule.
- (h) **Attachment 8:** Deleted
- (i) **Attachment 9:** Deleted.
- (j) **Attachment 10:** Deleted
- (k) **Attachment 11:** Deleted
- (l) **Attachment 12:** Insolvency and Bankruptcy Code 2016
- (m) **Attachment 13:** Self Certificate for Cyber Security as per ITB clause No. 37.
- (n) Form of Disclosure alongwith Annexures as per ITB Cl. 34.
- (o) Certificate of Compliance to all provisions of Rfs Document
- (p) Bidders undertaking (on Letter head of the Company) mentioning the requisite State/UT for which Rfs(s) are submitted

10.3 **BID FORM AND PRICE SCHEDULES**

The Bidder shall complete the Bid Form and the appropriate State/UT wise Price Schedules furnished in the RFS Documents as indicated therein and in the sub-section “Bid Form and Price Schedules” of the RFS Documents, following the requirements of ITB Clauses 11 and 12.

11 **BID PRICES**

- 11.1 Unless otherwise specified in the Technical Specification, Bidders shall quote State/UT wise for the entire Facilities on a “single responsibility” basis such that the total State/UT wise bid price (Tariff) covers all the Contractor’s obligations mentioned in or to be reasonably inferred from the RFS documents in respect of the design, manufacture, including procurement and subcontracting (if any), delivery, construction, installation and completion of the Facilities including supply of Tools & instruments of that State/UT. This includes all requirements under the RTD’s responsibilities for testing and commissioning of the Facilities and, where so required by the RFS documents, the acquisition of all permits, approvals and licenses, etc.; the operation, maintenance and training services and such other items and services as may be specified in the RFS documents, all in accordance with the requirements of the PPA and Special Conditions of Contract.

- 11.2 Bidders are required to quote the Tariff for the commercial, contractual and technical obligations outlined in the RFS documents.
- 11.3 Bidders shall give Tariff in the manner and detail called for in the State/UT wise Price Schedules or BOQ. State/UT wise Tariff shall be submitted in electronic form on the portal.
- 11.4 In the State/UT wise Schedules, Bidders shall quote the requisite tariff inclusive of supply, erection, installation, O&M, taxes, necessary permissions etc. of his scope as mentioned in this RFS Document.:
- 11.5 Deleted.
- 11.6 The State/UT wise tariff emerged after e-RA shall remain firm in accordance with the provisions of RFS Documents.
- 11.7 Bidders shall apprise themselves with “Conditions for conducting e-RA after e-tendering” and “Business Rules for e-Reverse Auction” enclosed as Annexure-6&7 respectively with this ITB before quoting their prices.
- 11.8 **Deleted**

12 BID CURRENCIES

Bids shall be furnished in Indian Rupee only.

13 PERIOD OF BID VALIDITY

- 13.1 Bids shall remain valid for a period as mentioned in Bidding Data after the deadline date for online bid submission specified in Clause 17 of ITB or amendment thereof. A bid valid for a shorter period may be rejected by the NHPC/NHPC REL as being non responsive.
- 13.2 In exceptional circumstances, the NHPC/NHPC REL may solicit the Bidders’ consent to an extension of the bid validity period. The request and bidders responses thereto shall be made in writing or by email. If a Bidder accepts to prolong the period of validity, the bid security shall also be suitably extended. A Bidder may refuse the request without forfeiture of its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- 13.3 All the provisions of bid including those regarding discharge and invocation of Bid Security shall continue to apply during the extended period of bid validity specified by the Bidder.

14. BID SECURITY

- 14.1 Bid shall be accompanied by bid security /EMD/BG/Payment on Order Instrument (POI)/Insurance Surety Bond of requisite amount applicable for the State/UT in which bidder is willing to apply as stipulated in NIT / Bidding data. Bidders willing to submit the bids for more than one State/UT have to submit the Bid Security for individual State/UT separately.
- 14.2 The bid security shall, at the Bidder’s option, be in the form of a crossed Demand Draft in favour of NHPC Limited, Sector–33, Faridabad, Haryana (India) payable at Faridabad or a bank guarantee/POI/Insurance Surety Bond. The bid security in the form of a bank guarantee and for the amounts expressed in Indian Rupees shall be issued by an Indian Nationalized / Scheduled Commercial Bank. However, the issuing Bank shall submit an unstamped duplicate copy of Bank Guarantees directly to the NHPC/NHPC REL (Tender Inviting Authority) at the address mentioned at S. No. 1 (viii) of NIT with a forwarding letter.

The format of the bank guarantee shall be in accordance with the form of bid security included in the RFS documents; other formats may be permitted subject to prior approval of the NHPC/NHPC REL. Bid securities shall remain valid for a period of 90 days, beyond the original validity period of the bid or beyond any period of extension subsequently requested under sub-clause 13.2.

Bidder shall communicate the following bank details of NHPC to the issuing Bank for online confirmation of Bank Guarantee to be submitted in terms of this clause:

Name of the beneficiary: NHPC Limited

Account No: 10813608692

IFSC Code: SBIN0017313

Credit Bank: State Bank Of India

Account Type: CURRENT

Branch: CAG-II New Delhi (17313)

Address of the Bank : 5th Floor, Redfort Capital, Parsvnath Towers, Bhai

Veer Singh Marg, Gole Market, New Delhi-110 001

Bidder is required to submit the SFMS receipt issued by the bank along with its bid for BG Confirmation.

Payment on Order Instrument (POI): As an alternative to submission of EMD as above, the Bidder also has an option to submit a letter of undertaking issued by either of the following three organizations, viz. (i) Indian Renewable Development Agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited only. The instrument of 'Letter of Undertaking' as described above in any other form, from any other non-banking financial institutions or bank except (i) Indian Renewable Energy Development Agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited shall not be acceptable. This Letter of Undertaking shall be issued as "Payment on Order Instrument" (POI), wherein the POI issuing organization undertakes to pay in all scenarios under which the EMD would be liable to be encashed by NHPC/NHPC REL within the provisions of RfS/PPA. This instrument would have to be furnished as per Format available in the RfS document. POI shall remain valid for a period of 90 days, beyond the original validity period of the bid or beyond any period of extension subsequently requested under sub-clause 13.2.

Insurance Surety Bond: As an alternative to submission of EMD as above, the Bidder also has an option to submit Insurance Surety Bond issued by Insurance Company registered in India under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority (IRDAI) acceptable to employer in the prescribed proforma. This Insurance Surety Bond would have to be furnished as per Format available in the RfS document. Insurance Surety Bond shall remain valid for a period of 90 days, beyond the original validity period of the bid or beyond any period of extension subsequently requested under sub-clause 13.2.

The term "Bank Guarantee (BG) towards/ against EMD" occurring in the RfS shall be read as "Bank Guarantee (BG)/ Payment on Order Instrument (POI)/ Insurance Surety Bond towards/ against EMD".

However, in case Earnest Money has been submitted by the bidder in the form of Demand Draft, the information relating to particulars of the bidders' bank shall be submitted by the bidder along with the bid in the ECS form at Volume-IV. The Earnest Money of unsuccessful bidders shall be remitted by the NHPC/NHPC REL in the above account through ECS mode.

- 14.3 Any bid not accompanied by an acceptable bid security shall be rejected by the NHPC/NHPC REL as being non-responsive.

- 14.4 Bid Security of bidders who are not qualified in any State/UT for opening of price bid shall be returned within 15 days after such notification for that State/UT only. The Bid Security of all the unsuccessful bidders, whose price bid has been opened, will be returned within 15 days of notification of the award of Contract of that State/UT to the successful bidder.
- 14.5 The bid security of the successful bidder of any State/UT will be returned when the bidder has signed the PPA, pursuant to ITB Clause 30, and has furnished the required performance security, pursuant to ITB Clause 31. Interest or any other charges, whatsoever, will not be payable by the NHPC/NHPC REL on bid security amount.
- 14.6 The bid security may be forfeited under following conditions:
- (a) if the Bidder withdraws its bid or varies any terms & conditions without the consent of the NHPC/NHPC REL, in regard thereto during the period of bid validity or
 - (b) if the Bidder adopts corrupt or fraudulent or collusive or coercive practices or defaults commitments under Integrity Pact or
 - (c) in the case of a successful Bidder, if the Bidder fails within the specified time limit
 - (i) to sign the PPA, in accordance with ITB Clause 30, or
 - (ii) to furnish the required performance security, in accordance with ITB Clause 31.
 - (d) In case, Government Client offers to execute the PPA with the Selected Roof Top Bidder and if the Selected Bidder does not submit the requisite documents or does not execute the PPA, within the stipulated time period.
 - (e) If the bidder refuses to withdraw, without any cost to NHPC/NHPCREL, any deviation, variation, additional condition or any other mention anywhere in the bid, contrary to the provisions of the RfS Document;
 - (f) If after issuance of LoA, it is found that the documents furnished by the Bidder as part of response to RfS are misleading or misrepresented in any way;
- 14.7 Deleted.
- 14.8 Interest or any other charges, whatsoever, will not be payable by the NHPC/NHPC REL on the Earnest Money Deposit.
- 14.9 Deleted.
- 14.10 Deleted

15. FORMAT AND SIGNING OF BID

The Bid shall be signed /digitally signed for hard copy / online submission, as the case may be by a person duly authorized to sign on behalf of the Bidder as below:

- i) If the tender is submitted by an individual, it shall be signed by the individual.
- ii) If the tender is submitted by a proprietary firm, it shall be signed by the proprietor.
- iii) If the tender is submitted by a firm in partnership, it shall be signed by a partner holding the power of attorney of the firm for signing the tender, in which case a certified copy of the power of attorney shall accompany the tender. A certified copy of the partnership deed duly registered and current business address of all the partners of the firm shall also accompany the tender.
- iv) If the tender is submitted by a limited company or a limited corporation, it shall be signed by a duly authorized person holding the power of attorney or any other legally valid document for signing the tender, in which case a certified copy of the power of attorney or any such legally valid document supported by copy of Board Resolution shall accompany

the tender. Such limited company or corporation may be required to furnish satisfactory evidence of its existence before the contract is awarded.

- v) All witnesses and sureties shall be persons of status and their full names, occupations and addresses shall be stated below their signatures.

D. SUBMISSION OF BIDS

16. SEALING AND MARKING OF BIDS

Bids shall be submitted under single stage two envelope bid through e-tendering as per procedure detailed below. Bidders are to submit various details/ document along with copies of certificates in support of their claims for meeting the qualifying requirements.

In e-tendering Mode:

The bids shall be received through e-tendering Mode as detailed in **Important Instructions to bidders for online bidding.**

PART A – Techno-Commercial Bid

(I) Online Submissions:

The Techno-commercial bid submitted by the bidder in electronic form (online) shall comprise the following documents:

- i) Covering Letter duly completed and signed by the bidder (without indicating the quoted price) as provided Vol. 4 (Forms & Procedures) together with all Attachments as defined under clause 10 of ITB.
- ii) State/UT wise Scanned copy of DD/Bank Guarantee/POI/Insurance Surety Bond shall be as per the format provided in RfS Document.
- iii) State/UT wise Scanned copy of DD towards cost of RFS document as mentioned in NIT.
- iv) Scanned copy of Power of Attorney along with requisite documents as specified under II-Offline Submissions – sl. no .(iii).
- v) Scanned copy of duly filled Forms along with supporting documents meeting the qualifying requirements as per clause 3.2 of ITB.
- vi) Notarized Copies of successful completion certificate(s) of works/assignments. In addition, in case of these certificates being issued by Private Employers, the bidders are also required to submit notarized Letter of Award / Agreements / TDS certificate(s) etc. in respect of works claimed to be executed by the respective bidder(s).
- vii) Scanned copy of duly signed Integrity Pact as per Clause 33 of ITB.
- viii) Deleted
- ix) Deleted
- x) Annual Reports for last three financial years ending on FY 2023-24.
- xi) Process Compliance Form for e-RA as per ITB Clause 24.1.
- xii) Price Confirmation Form for e-RA as per ITB Clause 24.1.
- xiii) Such other certificates / documents as defined in the ITB.
- xiv) Scanned copy of undertaking on company letter head duly signed by the authorized person as per Attachment 12 in line with Cl. 3.2.B.4 of ITB, as specified under II-Offline Submissions – sl. no .(iv).
- xv) Attachment -7- State/UT wise Brief integrated PERT Network (L2 Schedule)
- xvi) Attachment 13: Self Certificate for Cyber Security as per ITB clause No. 37.
- xvii) Form 13 (a): Bidders undertaking (on Letter head of the Company) mentioning the requisite State/UT for which RfS(s) are submitted.
- xviii) Form of Disclosure alongwith Annexures as per ITB Cl. 34.
- xix) Certificate of Compliance to all provisions of Rfs Document

The NHPC/NHPC REL reserves the right to request the bidder for submission of original documents in respect of any of the online submissions defined above.

(II) Offline Submissions (Hard Copies)

Bidders shall submit the following documents duly signed by Authorized signatory in an envelope by the date mentioned in Bidding Data. The envelope received late or after the prescribed due date and time of receipt as mentioned in Bidding Data will not be entertained. NHPC will not be responsible for any postal delay.

- i) State/UT wise DD /banker's cheque payable at "Faridabad" (in original) towards cost of RFS document as mentioned in NIT.
- ii) State/UT wise DD/BG/POI/Insurance Surety Bond (in original) towards Bid Security as mentioned in Clause No. 14 of ITB.
- iii) Power of Attorney along with Board resolution (original/notarized) for authorizing the executants for issuing Power of Attorney as per Clause 15(iv) of ITB, if applicable. In case of General Power of Attorney, a true copy of the POA shall be duly notarized by Notary and in case of specific Power of Attorney, the original POA.
- iv) An undertaking on company letter head duly signed by the authorized person as per Attachment 12 in line with Cl. 3.2.B.4 of ITB.
- v) Duly signed Integrity Pact along with its all annexures as per Clause 33 of ITB.

vi) The envelope shall be superscribed as "Hard Copy of documents for E- tender No. 2025_NHPC_845421_1, dated 24.01.2025".

Out of offline documents, State/UT wise DD towards cost of bid document and State/UT wise DD/BG/POI/Insurance Surety Bond towards Bid Security must be strictly as per Bid conditions and if any discrepancy is found between the hard copies of the above documents and scanned copy of the same uploaded online, then the Bid uploaded on the portal shall not be considered at all any further. However, NHPC/NHPC REL may ask for additional documents / clarifications on the other documents submitted online.

Part B) Price Bid

There is an excel file having price schedules of all the State/UT available under different sheets. Bidder willing to submit their bid for a particular State/UT shall carefully fill that particular State/UT only.

To be uploaded for e-tender

- i) State/UT wise "Price bid" quoting requisite Tariff is to be submitted in Electronic Form on the portal. Submission of the same by any other means shall not be accepted by the NHPC/NHPC REL in any circumstances.
- ii) Deleted
- iii) Deleted
- iv) The bidders in their own interest are advised to be very careful while filling up the price bid in Electronic Form.
- v) Bidders will not be allowed to revise the quoted tariff on their own, once "Price Bids" have been opened by the NHPC/NHPC REL.

- vi) The bidders will have to submit bids quoting a fixed levelised tariff for entire project duration of 25 years.
- vii) Bids not covering the entire scope shall be treated as incomplete and hence may be rejected.
- viii) Price bid of bidders, whose techno-commercial bids are not considered acceptable to the NHPC/NHPC REL, shall not be opened and will be archived unopened. The decision of the NHPC/NHPC REL is final and binding in this regard.
- ix) State/UT wise Tariff shall be quoted in Rs./kWh. Tariff (in Rs/kWh) shall be quoted upto two places of decimal only. If tariff is offered with more than two digits after decimal, it shall be truncated and considered upto two places of decimal (in Rs/kWh).

17. DEADLINE FOR SUBMISSION OF BIDS

- a) Complete Bids must be uploaded at the portal and hard copies of the documents mentioned in Clause 16, Part A-II of ITB must be received by the NHPC/NHPC REL at the address specified in NIT and in bidding data sheet not later than the time and date stipulated in the Bidding Data Sheet or extension thereof. In the event of the specified date for the submission of bids being declared a holiday for the NHPC/NHPC REL, the hard copy of the documents will be received up to the specified time on the next working day. Similarly, in the event of the specified date or amendment if any for the opening of bids being declared a holiday for the NHPC/NHPC REL, the opening shall be carried out at the specified time on the next working day. However, the date and time for online submission of the Bids shall continue to be the date and time specified or amendment if any.
- b) The NHPC/NHPC REL may, in exceptional circumstances and at its discretion, extend the deadline for submission of bids by issuing an Addendum / Corrigendum in accordance with Clause 8.1 of ITB, in which case all rights and obligations of the NHPC/NHPC REL and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.
- c) The NHPC/NHPC REL shall not be responsible if bid could not be opened within reasonable time for reasons attributable to the Bidder or for whatsoever reasons. In such a case, the bid shall be sent unopened and 'Archive' on the portal and shall not be considered at all any further and bid security of such bidder may be returned.

18. LATE BIDS

- a) Online submission of the bid will not be permitted on the portal after expiry of submission time and the bidder shall not be permitted to submit the same by any other mode.
In such case, even if the bidder has submitted the specific documents in hard copy (viz., DD/BG/POI/Insurance Surety Bond towards bid security, Duly signed Integrity Pact, Certified copy of the duly registered partnership deed, Balance Sheets and Power of Attorney) within the stipulated deadline, its bid shall be considered as late and shall not be considered at all any further.
Similarly hard copy (ies) of the documents, if received by the NHPC/NHPC REL after the deadline for submission of Bids prescribed in NIT, then it will be considered as late bid even if the bidder has uploaded the bid within the stipulated deadline. In such a case, the bid uploaded on the portal shall be considered as non-responsive and 'Archived'. The hard copies shall be returned to bidder unopened.

19. MODIFICATION AND WITHDRAWAL OF BIDS

- 19.1 After submission of the bid the contractor can re-submit revised /modify/substitute or withdraw its bid any number of times but before stipulated deadline for submission of bid.
- 19.2 In case NHPC/NHPC REL desired through amendment/corrigendum to submit revised financial bid then it shall be mandatory to submit revised Price bid. In such case the bid submitted before amendment/corrigendum shall become invalid
- 19.3 The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 19.4 It should be strictly noted that as per portal provisions, the bid once withdrawn by the bidder, the bidder cannot participate in the same tender again.
- 19.5 No bid can be withdrawn or modified in the interval between the bid submission deadline and the expiration of the bid validity period specified in bid documents. Withdrawal or modification of a bid during this interval will result in forfeiture of its bid security and bid shall be considered non-responsive.

E. BID OPENING AND EVALUATION

20. OPENING OF BIDS BY NHPC/NHPC REL

The NHPC/NHPC REL will open all bids (except the State/UT wise price bid part, which shall be governed as per ITB Clause 16, Part B) in the presence of bidders designated representatives who choose to attend, at the time, date, and location stipulated in the bid document. The bidders' representatives who are present shall sign a register evidencing their attendance. Bidder(s) can also view Bid opening online on the portal <https://eprocure.gov.in/eprocure/appat> their end.

In the event of the specified date for the opening of bids being declared a holiday for the NHPC/NHPC REL, the bids will be opened at the appointed time on the next working day.

Initially, the Techno-commercial bid shall be opened and the Price Bid of only those bidders whose Techno-commercial bid is acceptable to the NHPC/NHPC REL shall be opened online subsequently.

All important information and any such other details as the NHPC/NHPC REL at his discretion may consider appropriate, will be announced by the NHPC/NHPC REL at the opening. This shall include but may not be limited to the Bidders' names, the Bid Prices including deviations, withdrawals, bid modifications, and the presence (or absence) of bid security.

21. CLARIFICATION OF BIDS

- 21.1 During bid evaluation, the NHPC/NHPC REL may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing or email or through the portal, and no change in the price or substance of the bid shall be sought, offered or permitted. Reply shall be submitted by Bidder within a stated reasonable period of time. If Bidder does not provide clarifications of the information requested by the date and time set in the NHPC/NHPC REL request for clarification, its Bids may be rejected.

22. PRELIMINARY EXAMINATION OF BIDS

- 22.1 The NHPC/NHPC REL will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order. The NHPC/NHPC REL will, thereafter check and ascertain whether the bidder fulfils the Eligibility Criteria and other requirements specified under ITB clause 3. The Bids submitted by the Bidders who meet the Eligibility Criteria set under ITB clause 3 shall

- only qualify for consideration and further techno-commercial evaluation by the NHPC/NHPC REL.
- 22.2 State/UT wise Price Bid duly filled in excel sheet in conformity with the tender specification shall be uploaded on the e-procurement portal only. Unit of Measure (UOM) is indicated in the BOQ.
- 22.3 The NHPC/NHPC REL may waive any minor infirmity, nonconformity or irregularity in a bid that does not constitute a material deviation, and that does not prejudice or affect the relative ranking of any Bidder as a result of the technical and commercial evaluation, pursuant to ITB Clauses 23 and 24.
- Also, if any discrepancy is found between the hard copies of the online documents viz. DD/BG/POI/Insurance Surety Bond towards Bid Security, Power of Attorney and scanned copy of same uploaded which tantamount to fraudulent practice by the bidder, then the online bid shall be liable for rejection.
- 22.4 Prior to the detailed evaluation, the NHPC/NHPC REL will determine whether each Bid is prima facie complete and is substantially responsive to the RFS Documents. For purposes of this determination, a substantially responsive Bid is one that conforms to all the terms, conditions and specifications of the RFS Documents without material deviations, objections, conditionality or reservations. A material deviation, objection, conditionality or reservation is one (i) that affects in any substantial way the scope, quality of performance of the Contract; (ii) that limits in any substantial way and/or is inconsistent with the RfS Documents or the NHPC/NHPC REL rights or the successful Bidder's obligations under the Contract; or (iii) whose rectification would unfairly affect the competitive position of other Bidders who are presenting substantially responsive Bids.
- 22.5 In particular, Bids with deviations from, objections to or reservations on provision such as those concerning Bid Security/EMD, Bid validity, if any, will be treated as non-responsive.
- The NHPC/NHPC REL determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 22.6 If a bid is not substantially responsive, it will be rejected by the NHPC/NHPC REL, and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
- 22.7 The Bid shall also be examined / evaluated on National Defence & Security considerations of the country where the site is located. The NHPC/NHPC REL reserves the right to set aside / reject the bid on these considerations.

23. TECHNO-COMMERCIAL EVALUATION

The NHPC/NHPC REL will carry out a detailed evaluation of the bids previously determined to be substantially responsive in order to determine whether the technical aspects are in accordance with the requirements set forth in the RFS documents. In order to reach such a determination, the NHPC/NHPC REL will examine and compare the technical aspects of the bids on the basis of the information supplied by the bidders, taking into account the

- (a) Overall completeness and compliance with NHPC/NHPC REL's requirements and quality, function and operation of any process control concept included in the bid. The bid that does not meet minimum acceptable standards of completeness, consistency and detail will be rejected for non-responsiveness.
- (b) Achievement of specified performance criteria by the Facilities
- (c) Deleted
- (d) Any other relevant factors, if any, listed in the RfS Document or that the NHPC/NHPC REL deems necessary or prudent to take into consideration.
- (e) If a bidder submits their bids for more than one State/UT and during Techno-Commercial Evaluation it is observed that their bid is not responsive for all the submitted State/UT, then NHPC/NHPC REL may, at its discretion, ask the bidder for

their consent of consideration of their bids for that State/UT in which bidder is Techno-commercially responsive. Bidder has to give the necessary consent within the specified time limit, failing which, the submitted bids will be treated as non responsive for all the applied State/UT .

24. PRICE BID EVALUATION

24.1 (i) Bidders have to quote the requisite Tariff for the State/UT in which the bids are submitted. **The bidders will have to submit bids quoting a fixed levelised tariff for entire project duration of 25 years.** Price bids of only State/UT wise qualified and techno-commercially responsive bidders shall be opened.

(ii) State/UT wise Price evaluation of the bids shall be carried out, subject to e-reverse auction:

a) Rebates (discounts) offered, in any form of bid proposal or on the forwarding letter shall not be taken cognizance under any circumstances.

iii). State/UT wise Bid price of the bidder shall be calculated as stipulated in ITB Clause 24.1.(ii) against their individual State/UT wise price bid submission. State/UT wise e-Reverse Auction shall be carried out as per the procedure defined in Part-III of ITB comprising the following:-

- i. Conditions of conducting e-RA after e-tendering (enclosed as Annexure-6)
- ii. Business Rule for e-RA (enclosed as Annexure-7)
- iii. Process Compliance form for e-RA (enclosed as Annexure-8)
- iv. Price Confirmation form for e-RA (enclosed as Annexure-9)

During State/UT wise e-Reverse Auction, if no bid is received with in specified time, the NHPC/NHPC REL at its discretion may decide to close the e-Reverse Auction process of that State/UT and proceed with results of e-tendering for that State/UT. The decision regarding State/UT wise e-RA by NHPC shall be final and binding on all the bidders.

The Bidders are advised in their own interest to take utmost care while filling prices in the Price Bid.

The Price Bid of any State/UT duly filled in spreadsheet in conformity with the tender specification shall be uploaded against the Price Schedule/BOQ of that State/UT on the e-procurement portal only. Unit of Measure (UOM) is indicated in the BOQ. The BOQ is to be filled in by filling the Tariff in Rs./kWh to be filled in by the Bidder.

24.2 Technical and commercial evaluation of the Tenders will be carried out for the eligible Bidders on the basis of completeness and conformity with respect to the tender requirements. The Price bid of bidders for any State/UT, whose Techno-commercial bids are not found eligible by the NHPC/NHPC REL for that State/UT, shall not be opened/considered. The decision of the NHPC/NHPC REL is final and binding in this regard.

25. Deleted

26. CONTACTING THE NHPC/NHPC REL

26.1 Subject to ITB Clause 21, no Bidder shall contact the NHPC/NHPC REL on any matter relating to its bid, from the time of the opening of bids to the time the contract is awarded.

26.2 Information relating to the examination, clarification, evaluation, and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidder(s) or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any effort by a Bidder to influence the NHPC/NHPC REL in the NHPC/NHPC REL's bid evaluation, bid comparison or contract award decisions may result in rejection of the Bidder's bid.

F. AWARD OF CONTRACT

27. AWARD CRITERIA

- 27.1) a) Subject to Clause 28, the NHPC/NHPC REL will award the contract on State/UT wise basis to the successful bidder whose bid has been determined to be substantially responsive as per the “Conditions for conducting e-RA after e-tendering” which is enclosed as per Part - III to the ITB. The NHPC/NHPC REL may request the substantially responsive State/UT wise lowest evaluated bidders to attend the pre-award discussions / Post Tender Negotiations (PTN), if required. LOA (Letter of Award) will be issued only after Concerned Ministry/department/Autonomous bodies /its associated departments confirm acceptance of L1 bidder's quoted tariff.
- b) The mode of contracting with the State/UT wise successful bidders will be as per stipulation outlined in the RfS and briefly indicated below:

Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY).

- c) Entire responsibility with regard to *individual* State/UT **for Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding under PM Surya Ghar Muft Bijli Yojana (PMSG-MBY).** ” will remain with RTD who declared successful for that State/UT and the RTD shall coordinate all activities of that State/UT for smooth and timely completion of the project.

27.2 Deleted.

- 27.3 During State/UT wise e-Reverse Auction, if no bid is received within specified time, the NHPC/NHPC REL at its discretion may decide to close the e-Reverse Auction process and proceed with results of e-tendering. In such a situation, evaluated price shall be considered at the time of award of work to the lowest bidder and shall be considered to arrive at Contract Price.

28. NHPC/NHPC REL’S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The NHPC/NHPC REL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract for any reason including National Defence & Security conditions of the country where the site is located without thereby incurring any liability to the affected Bidder or bidders.

The Bidder shall bear all costs associated with the preparation and submission of its bid, and the NHPC/NHPC REL will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process. However, the bidders who wish to seek reasons for such decision of cancellation / rejection shall be informed of the same by NHPC/NHPC REL unless its disclosure reasonably could be expected to affect the sovereignty and integrity of India, the security, strategic, scientific or economic interest of the State, relation with foreign State or lead to incitement of an offence.

29. NOTIFICATION OF AWARD

- 29.1 Prior to the expiration of the period of bid validity, the NHPC/NHPC REL will notify the State/UT wise successful Bidders in writing by registered letter/ speed post / fax, that its bid

- has been accepted. The State/UT wise issued notification of awards will constitute the formation of the contract and will be considered for all purposes of execution of contract provisions till such time the signing of the PPA except as per provisions of Clause 30 of ITB.
- 29.2 Upon the State/UT wise successful Bidder's furnishing of the performance security pursuant to ITB Clause 31, the NHPC/NHPC REL will promptly notify the other bidders that their bids have been unsuccessful.
- 29.3 The State/UT wise unsuccessful Bidders shall also be informed simultaneously about their status of RfS on the tender portal.
- 29.4 **SERVICE / PROJECT MANAGEMENT (PMC) CHARGES:**
- 29.4.1 The evaluated lowest bidder (L1) for Normal category State/UT shall have to pay Charges @ INR 1350/kW (Indian Rupees One thousand three hundred fifty only/ kW) + Applicable taxes, to NHPC/NHPC REL towards project management charges (PMC) whereas the evaluated lowest bidder (L1) for Specail Category State/UT shall have to pay Charges @ INR 1485/kW (Indian Rupees One thousand four hundred eighty five only/ kW) + Applicable taxes, to NHPC/NHPC REL towards project management charges (PMC).
- 29.4.2 The Service Charges will be calculated on the total Project capacity for which PPAs are signed by the RTD. These charges will be payable in two installments as follows:
- (i) 50% to be paid within 30 days of issuance of LOAs by NHPC/NHPC REL, and,
 - (ii) Remaining 50% to be paid to NHPC/NHPC REL prior to signing of PPA. In case of any reduction/addition in the total Project capacity for which PPAs are executed, the second installment of 50% will be adjusted suitably. No interest shall be payable by NHPC/NHPC REL to RTD in case of refund of excess Service/PMC charges deposited by the RTD. Also, the tax component of the excess Service/PMC charges deposited by the RTD, shall not be refunded.

The due date for payment of PMC Charges shall be the date as intimated by NHPC/NHPC REL, which shall be at the most seven (07) days prior to the signing of PPA. The payment has to be made by the RTD in the form of DD/ Pay Order / NEFT/ RTGS mode to NHPC REL.

Any delay in depositing the said amount to NHPC REL as mentioned above within the stipulated time shall attract delay charges @18% per annum + applicable GST, levied on per day basis, on the amount corresponding to the 1st installment (i.e. 50% of PMC Charges), until (and including) the date of payment of the said amount, which shall not be later than 90 days after issuance of LOA. In case of delay in submission of the 1st installment beyond 210 days after issuance of LOA, the awarded capacity shall stand cancelled and BG against EMD will be encashed by NHPC/NHPC REL.

- 29.4.3 The 2nd installment shall be paid prior to signing of PPA, and the PPA shall be signed only after deposit of the second installment to NHPC REL.
- 29.4.4 **Illustration 1:** Assuming that a Bidder is issued LoAs for a total quoted capacity of 6 MW. The Service charge amount corresponding to the awarded capacity is Rs. 81 Lakhs + GST. Thus, the Bidder will pay Rs. 40.5 Lakh + GST to NHPC REL within 30 days of issuance of LoA. Now, assuming that based on site assessment and discussions with the Concerned Ministry/Departments/Autonomous bodies , the final capacity for which PPAs are to be signed gets modified to 5 MW. Thus, the second instalment of Service Charge gets modified to Rs. 27 Lakhs + GST (Total Service Charges = Rs. 13.5 lakh x 5 = Rs. 67.5 lakh + GST, out of which, Rs. 40.5 lakh +GST have been deposited in the 1st installment). The second installment will similarly get enhanced in case of any capacity enhancement prior to signing of PPA.
- 29.4.5 **Illustration 2:** Assuming that a Bidder is issued LoAs for a total quoted capacity of 6 MW. The Service charge amount corresponding to the awarded capacity is Rs. 81 Lakhs + GST.

Thus, the Bidder will pay Rs. 40.5 Lakh + GST to NHPC within 30 days of issuance of LoAs. Now, assuming that based on site assessment and discussions with the Concerned Ministry/Departments/Autonomous bodies, the final capacity for which PPAs are to be signed gets modified to 2 MW. In such case the total service charges for 2 MW is Rs. 27 lakhs + GST (Rs. 13.5 lakh x 2 = Rs. 27 lakh + GST) against that Rs. 40.5 lakh + GST have been already deposited in the 1st installment. Thus, the second installment of Service Charge gets modified to Rs. Zero, and there will be refund of differential amount $(40.5 - 27) = 13.5$ lakhs only to bidders in such cases. But there will be no interest on differential amount (13.5 Lakhs) will be return to bidder by NHPC REL. Further the tax component submitted to tax authorities will also not be refundable to bidder by NHPC REL. Any claim for interest on differential amount and tax amount will not be entertained.

30. **SIGNING OF POWER PURCHASE AGREEMENT (PPA)**

- 30.1 Power Purchase Agreement shall be signed between concerned Ministry/department / Autonomous bodies /its associated departments and successful Roof top bidder. A copy of Power Purchase Agreement to be executed between concerned Ministry/department / Autonomous bodies /its associated departments and the Selected Bidder is available at forms provided in Volume-2 of RfS document. The PPA shall be executed within 90 (Ninety) days of the date of issue of Letter of Award, if not extended by concerned Ministry/department / Autonomous bodies /its associated departments.

Separate PPA will be executed between Government client /organization and RTD for each Rooftop plant/ Project site or as per Government client decides.

Subsequent extension in this timeline shall be finalized as mutually agreed by the Client Organization and the RTD. PPA will be executed between Client Organization and selected bidder separately for each Category. The PPA shall be valid for a period of 25 years from date of commissioning of the Project.

Bidder has to make the complete and careful examinations of feasibility of government client Roof top plant/capacity estimation as per the load study of buildings and respective regulation of net metering/net billing before signing of PPA with client.

Any extension of the PPA period beyond 25 years shall be through mutual Agreement between the RTD and Government client /organization.

- 30.2 **Capacity identification and confirmation:** Subsequent to issuance of LoAs by NHPC REL, RTD will be allowed to carry out site visits and due diligence of the buildings offered by the Client Organization, and assess the Project sizing and estimated capacity installation under the cumulative capacity awarded. Within this period, the individual Project size to be set up on each building and the cumulative Project capacity for which PPAs are to be signed, will be finalized by both parties.

- 30.3 The Effective Date of PPA shall be the actual date of signing of PPA.

- 30.4 The PPAs shall be valid for a period of 25 years from the date of Project Commissioning, i.e. the Commercial Operation Date, or COD of the Project. Any extension of the PPA term beyond this shall be carried out through mutual agreement between the RTD and the /its associated departments.

30.5 **Limits on capacity modification:**

- 30.5.1 Capacity enhancement is also allowed with submission of additional revised BG amount as calculated. Such capacity enhancement will require consent from the concerned Department.

30.5.2 All such modifications in the awarded capacity are required to be concluded within 45 days from issuance of LoAs, unless extended by the Beneficiary Organization.

- Note:**
- (i) *The Performance Bank Guarantee, shall be submitted by the RTD prior to signing of PPA. Before signing of PPA, NHPC REL will verify the shareholding of the Project Company along with a copy of complete documentary evidence. If at this stage, it is found that the documents furnished by the RTDs are false/ misleading or misrepresented in any way, then the provisions contained in this RfS will be applicable.*
 - (ii) *NHPC REL will issue necessary go-ahead for signing of PPA, upon verification of compliance of pre-requisites by the RTD as brought out above. The PBG along with SFMS of the issued PBG will be submitted to NHPC REL for verification.*
 - (iii) *Concerned Ministry/department / Autonomous bodies /its associated department shall facilitate the PPA signing process and will bear no responsibility whatsoever on account of non-availability of indicated buildings and/or non-execution of PPA for any particular building.*

31. PERFORMANCE SECURITY

31.1 Before signing of PPA, the successful Bidder shall furnish the Performance Security in the form of DD/BG/POI/Insurance Surety Bond of Rs. 2,250/kW – for Normal category State/UT and Rs. 2,475 / kW – for Special Category State/UT to NHPC REL as per format provided in the section “Forms and Procedures” of the RFS Documents or in any other format acceptable to the NHPC/NHPC REL.

The PBG should be valid for a period up to (& including) the date as on 12 months after the Scheduled Commencement of Supply Date of the Project (Commissioning of Project).

On receipt and after verification of the Total Performance Security in acceptable format and after signing of PPA, the earlier Bid Security towards EMD would be returned to the Bidder. It may be noted that PPA will be signed only upon successful verification of the PBG submitted by the RTD.

Any recovery from Performance Security shall be on Pro-Rata basis of the capacity of the respective category(s). The performance security shall not be released till liquidated damages, if any, is pending for recovery.

If the RTD does not submit the performance security within the stipulated period due to any valid reason, NHPC REL may grant time extension for submission of performance security based on the request of RTD.

In case, the RTD does not submit performance security without a valid reason, the NHPC/NHPC REL shall impose simple interest @12% per annum on the full amount of applicable performance security (alongwith applicable taxes, if any) for the period of delay in submission of performance security. The interest on delayed period shall be calculated on pro rata basis for number of delayed days.

The interest accrued shall be payable by the Contractor within 14 days from the date of intimation by NHPC/NHPC REL in form of Bank Demand Draft/ Banker Cheque in favour of ‘NHPC REL’, otherwise the same shall be recovered from any payment due or become due against bills / any other amount lying with NHPC/NHPC REL.

The delayed submission of Performance Security by the RTD shall be recorded in substantial completion and final completion certificates. Further, no claim for extension of time for completion period or any other type of claim on account of delayed submission of performance security shall be entertained.

31.2 If RTD fails to submit the Performance Security within 45 days from the date of Notification of Signing of Power Purchase Agreement (PPA), then following actions shall be taken against such RTD:

- (i) Award shall summarily be terminated
- ii) EMD/ Bid security shall be forfeited.
- iii) The bidder shall be debarred / banned to participate in the business dealings with NHPC/ NHPC REL for a period of one year.
- iv) The name of the Contractor shall be hosted on the NHPC/ NHPC REL website etc. as per existing norms of NHPC / Govt. of India.
- v) Such defaulted contractor shall not be eligible to participate in the bidding process of re-tender of this work.

Note: (i) *In case any extension is given to the Project, the corresponding extension needs to be made in the validity of Performance Security. The Performance Security are required to be submitted in the name NHPC REL.*

(ii) *The selected Bidder for the Project selected based on this RfS is required to sign PPA with concerned Ministry/department/Autonomous bodies /its associated departments within the timeline as stipulated in Clause 30 of the RfS. In case, concerned Ministry/department / Autonomous bodies /its associated departments offers to execute the PPA with the Selected Bidder and if the Selected Bidder does not submit the requisite documents as per the RfS, or does not meet eligibility criteria upon submission of documents or does not execute the PPA within the stipulated time period, then the Bank Guarantee equivalent to the amount of the EMD shall be encashed by NHPC REL from the Bank Guarantee available with NHPC REL (i.e. EMD or PBG) as liquidated damages not amounting to penalty, the selected Project shall stand cancelled and the selected Bidder expressly waives off its rights and objections, if any, in that respect.*

(iii) *In addition to the other remedies, this Performance Security can be encashed to recover any damages/dues of the Roof Top Developer in terms of the PPA.*

(iv) *The PBG of RTDs shall be returned to them, after successful commissioning of their projects as per Terms of PPA, after taking into account any liquidated damages due to delays in commissioning as per relevant Clauses of the RfS.*

31.3 Bidders shall communicate the following bank details of NHPC REL to the issuing Bank for online confirmation of Bank Guarantee to be submitted in terms of this Clause:

Name of the beneficiary: NHPC Renewable Energy Limited. Account No.: 40852639765

IFSC Code: SBIN0017313

Address of the Bank: State Bank of India,

5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi-110001.

RTD is required to submit the SFMS receipt issued by the bank for PBG Confirmation.

32. CORRUPT OR FRAUDULENT OR COLLUSIVE OR COERCIVE PRACTICES

32.1 It is expected from the Bidders / suppliers / contractors that they will observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:

- (a) for the purposes of this provision, the terms set forth below shall mean as under:

- i) **"Corrupt practice"** means the offering, giving, receiving or soliciting directly or indirectly of anything of value to influence the action of a public official in the procurement process or in contract execution; and
 - ii) **"Fraudulent practice"** means a misrepresentation/omission of facts in order to influence a procurement process or the execution of a contract to the detriment of the NHPC/NHPC REL, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;
 - iii) **"Collusive Practice"** means a scheme or arrangement between two or more bidders, with or without the knowledge of NHPC/NHPC REL, designed to establish bid prices at artificial, non-competitive levels.
 - iv) **"Coercive Practice"** means harming or threatening to harm, directly or indirectly, person or their property to influence their participation in a procurement process or affect the execution of Contract.
- (b) An agreement called Integrity Pact between the prospective bidders and the NHPC/NHPC REL shall be signed committing the persons / officials of both the parties, not to exercise any corrupt influence on any aspect of the Tender / Contract. The Independent External Monitor(s) (IEM) appointed by NHPC/NHPC REL shall oversee the compliance of obligation under the Integrity Pact.
- (c) A Bid may be rejected by the NHPC/NHPC REL if it is determined at any stage that the respective Bidder has engaged in corrupt or fraudulent or collusive or coercive or undesirable or restrictive practices or default commitment under Integrity Pact in competing for the contract in question.
- (d) The NHPC/NHPC REL may declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt or fraudulent or collusive or coercive practices in competing for or default commitment under Integrity Pact or in executing the contract.
- e) **Banning of Business Dealings:** It is not in the interest of NHPC to deal with Agencies who commit deception, fraud or other misconduct in the tendering process. The grounds on which Banning of Business Dealings can be initiated are as follows:
- i) If the security consideration, including questions of loyalty of the Agency to NHPC so warrants;
 - ii) If the director/owner of the Agency, proprietor or partner of the firm, is convicted by a court of law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises, during last five years;
 - iii) If the Agency has resorted to Corrupt, Fraudulent, Collusive, Coercive practices including misrepresentation of facts and violation of the any provisions of the Integrity Pact provided in the Contract.
 - iv) If the Agency uses intimidation / threatening or brings undue outside pressure on NHPC or its official for acceptance / performances of the job under the contract:
 - v) If the Agency misuses the premises or facilities of the NHPC, forcefully occupies or damages the NHPC's properties including land, water resources, forests / trees or tampers with documents/records etc.
 - vi) If the Agency does not fulfill the obligations as required under the Contract and Violates terms & conditions of the contract which has serious affect for continuation of the

Contract.

- vii) If the work awarded to the agency has been terminated by NHPC due to poor performance of the contract in the preceding 5 years.
- viii) If the Central Vigilance Commission, Central Bureau of Investigation or any other Central Government investigation Agency recommends such a course in respect of a case under investigation or improper conduct on agency's part in matters relating to the Company (NHPC) or even otherwise;
- ix) On any other ground upon which business dealings with the Agency is not in the public interest.
- x) If business dealings with the Agency have been banned by the Ministry of Power, Government of India OR any PSU/ any other authority under the MOP if intimated to NHPC or available on MOP Website, the business dealing with such agencies shall be banned with immediate effect for future business dealing except banning under Integrity Pact without any further investigation.

(Note: The examples given above are only illustrative and not exhaustive. The Competent Authority may decide to ban business dealing for any good and sufficient reason).

The procedure for banning of Business Dealings shall be governed as per NHPC's "Policy and Procedure for Banning Business Dealings". This policy is published in NHPC website under Integrity corner.

32.2 Deleted

33. INTEGRITY PACT

To improve transparency and fairness in the tendering process the NHPC/NHPC REL is implementing Integrity Pact.

The Integrity Pact, signed by all the prospective Bidders and the NHPC/NHPC REL, shall commit the persons/officials of both the parties, not to exercise any corrupt/fraudulent/collusive/coercive practices in the Tendering process and also during implementation of the Contract. All Applicants shall enter into an Integrity Pact (to be executed on plain paper) with the NHPC/NHPC REL at the time of submission of their Bids. Only those Bidders who have entered into Integrity Pact with the NHPC/NHPC REL shall be eligible to participate in the bidding process. Entering into Integrity Pact as per Performa provided in the Section Forms & Procedure is a basic qualifying requirement.

The Integrity Pact digitally signed on behalf of the NHPC/NHPC REL is provided as per Annexure-2 in ITB. The Integrity Pact shall be downloaded, printed and signed by the Applicant and the hard copy shall be submitted.

Successful bidder shall submit duly executed Integrity pact on Non-Judicial Stamp paper of appropriate value prior to signing of Contract Agreement.

To oversee the compliance of obligation under the Integrity Pact, **Sh. Prabhash Singh** and **Dr. Vinod Aggarwal** has been appointed as Independent External Monitor (IEM) by the NHPC/NHPC REL. The Contact address of IEMs is as under:

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| Sh. Prabhash Singh E7/M702, Housing Board Colony, Arera Colony Bhopal, MP-462016 Email : srgmhrbpl@gmail.com | Dr.Vinod Aggarwal, B-103, Sarvodaya Enclave, 2 nd Floor, New Delhi – 110 017 Email : arsv50@gmail.com |
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34. Procurement from countries sharing land border with India

In line with the O.M. issued by the Department of Expenditure, Ministry of Finance, vide OM No. F.7/10/2021-PPD(1) dated 23.02.2023 and subsequent amendments and clarifications thereto, the Bidder shall meet the following criteria for its bid to be considered for evaluation under the RfS:

- (i) Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority (as defined in the OM as referred above).
- (ii) “Bidder” in this reference, means any person or firm or company, including any member of a onsortium, every artificial juridical person not falling in any of the descriptions of bidders stated herein before, including any agency branch or office controlled by such person, participating in this tender.
- (iii) “Bidder from a country which shares a land border with India” for the purpose of this clause, means:
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium where any member of the consortium falls under any of the above.
- (iv) In support of the above, the Bidder shall be required to submit necessary Undertaking, as per Format available in the RfS.

Other provisions of the referred OM dated 23.02.2023, except Sl. 17 of the OM, will also be applicable for this tender. Any interpretation of the above clauses will be made in line with the referred OM, including subsequent amendments and clarifications thereto.

35. Public Procurement (Preference to Make in India) Order

Definitions:

Local Content: means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent.

In case of items having sufficient local capacity and local competition, local content equal to or more than 50% shall be allowed only. The list of items having sufficient local capacity and local competition shall be as per Ministry of New & Renewable Energy order no. F. No. 283/22/2019-GRID SOLAR dated 23.09.2020 and its further revisions.

Class-I local supplier: means a supplier or service provider, whose Goods/ services/ Works offered for procurement, has local content equal to or more than 50%.

Class-II local supplier: means a supplier or service provider, whose Goods/ services/ Works offered for procurement, has local content equal to or more than 20% but less than 50%.

Non Local Supplier: means a supplier or service provider, whose Goods/ services/ Works offered for procurement, has local content equal to or less than 20%.

Margin of purchase preference: means the maximum extent to which the price quoted by a 'Class-I local supplier' may be above the L-1 for availing purchase preference. The margin of purchase preference shall be 20%.

Works: means all works as per Rule 130 of GFR-2017, and shall also include Turnkey works, Engineering, Procurement & Construction (EPC) Contracts and Services include System Integrator (SI) contracts.

Eligibility Criteria for Class I / II and Non Local Suppliers.

- a) For procurement of Goods/Services/Works, irrespective of purchase value where there is sufficient local capacity and local competition, only Class-I local supplier shall be eligible to bid.
- b) For procurement of Goods/Services/Works, not covered under a) above and having estimated value less than INR 200.00 Crore, Global tender enquiry shall not to be issued except with the approval of Competent Authority as designated by Department of Expenditure. Only Class-I and Class-II local suppliers shall be eligible to bid in procurements, except when Global tender enquiry has been issued. In Global tender enquiries, Non-local suppliers shall also be eligible to bid alongwith Class-I and Class-II local suppliers.

The above criteria shall be subject to compliance of following:

- i) The bidder shall have to be an entity registered in India in accordance with law. Indian subsidiaries of foreign bidders are eligible to participate in the bidding process provided they meet the qualifying criteria in terms of capability, competency, financial position, past performance etc. Further, Foreign bidders shall compulsorily set up their manufacturing units on a long term basis in India.
- ii) Foreign bidders can also participate in the bidding process provided they form Joint Venture with any bidder registered in India in accordance with law.
- iii) Country of origin of the equipment/material shall be provided in the bid.
- iv) The bids shall be in Indian National Rupees (INR) only in respect of local content.
- v) The bidder shall follow Indian laws, regulations and standards.
- vi) For supply of equipment / material from the country of origin other than India, the bidder shall submit performance certificate in support of satisfactory operation in India or a country other than the country of origin having climatic and operational conditions including ambient temperature similar to that of India for minimum one year.
- vii) The manufacturer/ supplier shall list out the products and components producing Toxic E-waste and other waste. It shall have an Extended Producers Responsibility (EPR) so that after the completion of the lifecycle, the materials are safely recycled / disposed of by the Manufacturer/ Supplier and for this, the Manufacturer/Supplier along with procurer has to establish recycling / disposal unit or as may be specified.

- viii) The bidder shall have to furnish a certificate regarding cyber security/safety of the equipment / process to be supplied/services to be rendered as safe to connect.
- ix) Wherever required, the Foreign supplier shall establish fully functional service centers in India and shall keep spares/material locally for future needs of Utilities.
- x) Arbitration proceedings shall be instituted in India only and all disputes shall be settled as per applicable Indian Laws.

Procedure for Purchase Preference

- a) Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to “Class-I local supplier” only in procurement undertaken by procuring entities in the manner specified here under.
- b) In the case of procurement of **goods / works**, which are **divisible in nature**, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure(not applicable in this tender):
 - (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
 - (ii) If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered by Class-I local suppliers, then such balance quantity shall be ordered to the L1 bidder.
- c) For procurement of **goods / works**, which are **not divisible in nature**, and in **procurement of services where the bid is evaluated on price alone**, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure(applicable for this tender):
 - (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
 - (ii) If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and

the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.

(iii) In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case, none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

(d) "Class-II local supplier" and "Non-local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

Verification of local content:

- (a) The 'Class-I local supplier'/ 'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class- I local supplier'/ 'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- (b) In cases of procurement for a value in excess of INR 10.00 Crores, the 'Class-I local supplier'/ 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- (c) Decision on complaints relating to implementation of this order shall be taken by the competent authority which is empowered to look in procurement related complaints relating to the procuring entity.
- (d) Nodal Ministries may constitute committees with internal and external experts for independent verification of self declarations and auditors / accountants certificate on random basis and in the case of complaints.
- (e) Nodal Ministries and procuring entities may prescribe fees for such complaints.
- (f) False **declarations** will be in breach of the **Integrity Pact** for which a bidder or its successors can be debarred for up to two years along with such other actions as may be permissible under law. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities.

Reciprocity Clause

- (i) When a Nodal Ministry / department identifies that Indian suppliers of an items are not allowed to participate and / or compete in procurement by any foreign government, due to restrictive tender conditions which have direct / indirect effect of barring Indian companies such as registration in the procuring country , execution of project of specific value in the procuring county etc., it shall provide such details to all its procuring entities including CMDs / CEOs of PSEs / PSUs, State Government and other procurement agencies under their administrative control and GeM for appropriate reciprocal action.

- (ii) Entities of countries which have been identified by the nodal ministry / department as not allowing Indian companies to participate in their Government procurement for any item related to that Nodal Ministry shall not be allowed to participate in Government procurement in India for all items related to that Nodal Ministry / Department, except for the list of items published by the Ministry / Department permitting their participation.

36. Planning and Designing in purview of Vulnerability Atlas of India

Vulnerability Atlas of India is a comprehensive document which provides existing hazard scenario for the entire country and presents the digitized State/ UT-wise hazard, maps with respect to earthquakes, winds and floods for district wise identification of vulnerable areas. It also includes additional digitized maps for thunderstorms, cyclones and landslides. The main purpose of this atlas is its use for disaster preparedness and mitigation at policy planning and project formulation stage.

This atlas is one of its kind single point source for various stake holders including policy makers, administrators, municipal commissioners, urban managers, engineers, architects, planners, public etc. to ascertain proneness of any city/location/site to multi-hazard which includes earthquakes, winds, floods, thunderstorms, cyclones and landslides. While project formulation, approvals and implementation of various housing, building and infrastructure schemes, this atlas provides for necessary information for risk analysis and hazard assessment.

The Vulnerability Atlas of India has been prepared by Building Materials and Technology Promotion Council under Ministry of Housing and Urban Affairs, Government of India and available at their website www.bmtpc.org.

It is mandatory for the bidders to refer Vulnerability Atlas of India for multi-hazard risk assessment and include the relevant hazard proneness specific to project location while planning and designing the project in terms of

- i) Seismic Zone (II to V) for earthquakes)
- ii) Wind Velocity (Basic Wind Velocity 55, 50, 47, 44, 39 & 33 m/s)
- iii) Area liable to floods and Probable max. Surge height
- iv) Thunderstorms history
- v) Number of cyclonic storms/ severe cyclonic storms and max sustained wind specific to coastal region.
- vi) Landslides incidences and Annual rainfall normal
- vii) District wise Probable Max. Precipitation.

37. Cyber Security for Power System Equipments

Ministry of Power (Government of India) has issued Circular no. No.25-I 1/6/2018-PG Dated 02.07.2020 on the vulnerabilities in the Power Supply System & Network mainly arise out of the possibilities of cyber attacks through malware / Trojans etc. embedded in imported equipment & Circular No. 12/34/2020-T&R dated 08.06.2021 on Testing power system equipment for use in the Supply System and Network in the country for Cyber Security. Bidders are advised in their own interest to follow these guidelines and circular issued by the Ministry from time to time.

In order to protect the security, integrity and reliability of the strategically important and critical power supply system & network from cyber-attacks through malware / trojans etc. embedded in imported equipments:

- a. All equipments, components, and parts imported for use in Power Supply System and Network shall be tested in the country to check for any kind of embedded malware / Trojans / cyber threat and for adherence to Indian standards.
- b. All such testing shall be done in certified laboratories that will be designated by the Ministry of Power (MOP).
- c. Any import of equipment / components / parts from “prior reference” countries, as specified or by persons owned by, controlled by, or subject to the jurisdiction or the direction of these prior reference countries will require prior permission of the Government of India.
- d. Where the equipment / components / parts are imported from prior reference countries with special permission, the protocol for testing in certified and designated laboratories shall be approved by the Ministry of Power (MOP).

Any cost implication on account of above shall be borne by the contractor. Bidder shall submit the Self-Certificate for Cyber Security as per Attachment-13.

FOUR KEY INSTRUCTIONS FOR BIDDERS

Note The following ‘FOUR KEY INSTRUCTIONS for BIDDERS’ must be assiduously adhered to:-

- i) Obtain individual Digital Signature Certificate (DSC or DC) well in advance of tender submission deadline.
- ii) Register your organization on CPPP well in advance of tender submission deadline.
- iii) Get your organization’s concerned executives trained on CPPP well in advance of tender deadline.
- iv) Submit your bids well in advance of tender submission deadline on portal (There could be last minute problems due to internet timeout, breakdown, etc.) While the first three instructions mentioned above are especially relevant to first-time users of portal, the fourth instruction is relevant at all times.

Note: Electronic procurement system will not allow any Bidder to place their RFS after the expiry of scheduled date & time. NHPC/ NIC-CPPP shall not be responsible for any delays/ problems related to bandwidth, connectivity etc., which are beyond the control of the NHPC/NIC-CPPP.

FORM OF DECLARATION

I/WE M/s----- (name of Bidder) having its registered office at ----- (hereinafter referred to as the Bidder) having carefully studied all the RFS Documents, pertaining to the Work for “----- (name of the Work)”, and having undertaken to execute the said works.

DO HEREBY DECLARE THAT:

1. We have investigated the site and satisfied ourselves regarding the character of the work and local conditions that may affect the work or its performance and confirm that the work can be performed and completed as required in the contract. Further, we accept all risks directly or indirectly connected with the performance of the Contract.
2. We are familiar with all the requirements of the Contract.
3. We have not been influenced by any statement or promise of any person of the NHPC/NHPC REL but only the RFS Documents.
4. We are financially solvent.
5. We are experienced and competent to perform the Contract to the satisfaction of NHPC/NHPC REL.
6. We are familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipalities, District, State and Central Government of India that may affect the work, its performance or personnel employed therein.
7. We have not been banned / de-listed / black listed / debarred from business on the grounds mentioned in para 6 of Guidelines on Banning of Business dealings (Annex-2) to Integrity Pact.
8. We hereby authorize the NHPC/NHPC REL to seek reference from the bankers of us for its financial position.
9. We undertake to abide by all labour welfare legislations.
10. It is hereby certified that proceedings for insolvency under the Insolvency and Bankruptcy code 2016, or as amended from time to time, have not started against us.
11. The statement submitted by us is true and correct.

For and on behalf of the Bidder

Dated:

(To be executed on plain paper at the time of submission of bid/ and on Non-judicial stamp paper of appropriate value by successful Bidder (Contractor) prior to signing of Contract Agreement)

(Format of Integrity Pact)

PRE CONTRACT INTEGRITY PACT

Between

NHPC Limited, a company incorporated under the Companies Act 1956 and having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana), hereinafter referred to as "The NHPC/NHPC REL" which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns of the **First Part**.

And

M/s _____, a company/ firm/ individual (status of the company) and having its registered office at _____ represented by Sturi _____, hereinafter referred to as "The Bidder/Contractor" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns of the **Second Part**.

WHEREAS the NHPC/NHPC REL proposes to procure under laid down organizational procedures, contract/s for _____ (Name of the work/ goods/ services) and the Bidder/Contractor is willing to offer against NIT No. _____

WHEREAS the Bidder/Contractor is a private company / public company/ Government undertaking/partnership/consortium/joint venture constituted in accordance with the relevant law in the matter and the NHPC/NHPC REL is a Public Sector Enterprise.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the NHPC/NHPC REL to obtain the desired said (work/ goods/ services) at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling the Bidder(s)/Contractor(s) to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the NHPC/NHPC REL will commit to prevent corruption, in any form, by its officials by following transparent procedures

1.0 Commitments of the NHPC/NHPC REL

- 1.1 The NHPC/NHPC REL undertakes that no official of the NHPC/NHPC REL, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the Bidder/Contractor, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

Sanjay
NHPC

alike, and will provide to all the Bidders/Contractors the same information and will not provide any such information to any particular Bidder/Contractor which could afford an advantage to that particular Bidder/Contractor in comparison to other Bidders/Contractors.

1.3. All the officials of the NHPC/NHPC REL will report to the appropriate Authority any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2.0 In case any such preceding misconduct on the part of such official(s) is reported by the Bidder to the NHPC/NHPC REL with full and verifiable facts and the same is prima facie found to be correct by the NHPC/NHPC REL, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the NHPC/NHPC REL or Independent External Monitor and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the NHPC/NHPC REL the proceedings under the contract would not be stalled.

3.0 Commitments of the Bidder(s)/Contractor(s)

The Bidder(s)/Contractor(s) commits themselves to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit themselves to observe the following principles during participation in the tender process and during contract execution:-

3.1. The Bidder(s)/Contractor(s) will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the NHPC/NHPC REL, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

3.2 The Bidder/Contractor further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the NHPC/NHPC REL or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with NHPC/NHPC REL for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with NHPC/NHPC REL.

3.3 The Bidder(s)/Contractor(s) shall disclose the name and address of agents and representatives and Indian Bidder(s)/Contractor(s) shall disclose their foreign principals or associates.

3.4 The Bidder(s)/Contractor(s) shall, when presenting their bid, disclose any/all payments made, is committed to or intends to make to agents, brokers or any other intermediaries, in connection with this bid/award of the contract.

3.5 Deleted.

3.6 The Bidder, either while presenting their bid or during pre-contract negotiations or before signing the contract, shall disclose any payments made, is committed to or intends to make to officials of the NHPC/NHPC REL or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

3.7 The Bidder/Contractor will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.



- 3.8 The Bidder/Contractor will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The Bidder/Contractor shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the NHPC/NHPC REL. as part of the business relationship, regarding plans, technical proposals and business details, including information contained in electronic data carrier. The Bidder/Contractor also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The Bidder(s)/Contractor(s) commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11 The Bidder(s)/Contractor(s) shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12 If the Bidder/Contractor or any employee of the Bidder/Contractor or any person acting on behalf of the Bidder/Contractor, either directly or indirectly, is a relative of any of the officers of the NHPC/NHPC REL. or alternatively, if any relative of an officer of the NHPC/NHPC REL. has financial interest/stake in the Bidder(s)/Contractor(s) firm(excluding Public Ltd. Company listed on Stock Exchange), the same shall be disclosed by the Bidder/Contractor at the time of filling of tender.
- The term 'relative' for this purpose would be as defined in Section 2(77) of the Companies Act 2013.
- 3.13 The Bidder(s)/Contractor(s) shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the NHPC/NHPC REL.
- 3.14 The representative of the Bidders/Contractors signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will wait their decision in the matter.
- 3.15 In case of Sub-Contracting, the bidder shall take the responsibility of the adoption of Integrity Pact by the Sub-Contractor.

4.0 Previous Transgression

- 4.1 The Bidder(s)/Contractor(s) declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect on any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India.

5.0 Earnest Money (Security Deposit)

The provision regarding Earnest Money/Security Deposit as detailed in the Notice Inviting Tender (NIT) and Instruction to Bidders (ITB) section of the Bid Document is to be referred.

6.0 Sanctions for Violations

- 6.1 Any breach of the aforesaid provisions, before award or during execution by the Bidder/Contractor or any one employed by it or acting on its behalf such as to put their reliability or credibility in question shall entitle the NHPC/NHPC REL. to take action as per the procedure mentioned in the "Guidelines on Banning of Business Dealings" attached as Annexure-2A and initiate all or any one of the following actions, wherever required:

giving any compensation to the Bidder/Contractor. However, the proceedings with the other Bidder(s)/Contractor(s) would continue.

- (ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is Signed) shall stand forfeited either fully or partially, as decided by the NHPC/NHPC REL and the NHPC/NHPC REL shall not be required to assign any reason thereof.
 - (iii) To immediately cancel the contract, if already signed, without giving any compensation to the Contractor. The Bidder/Contractor shall be liable to pay compensation for any loss or damage to the NHPC/NHPC REL resulting from such cancellation/rescission and the NHPC/NHPC REL shall be entitled to deduct the amount so payable from the money(s) due to the Bidder/Contractor.
 - (iv) Deleted.
 - (v) To encash the Bank guarantee, in order to recover the dues if any by the NHPC/NHPC REL, along with interest as per the provision of contract.
 - (vi) Deleted.
 - (vii) To debar the Bidder/Contractor from participating in future bidding processes of NHPC Ltd., as per provisions of "Guidelines on Banning of Business Dealings" of NHPC Ltd. (Annexure-2A), which may be further extended at the discretion of the NHPC/NHPC REL.
 - (viii) To recover all sums paid in violation of this Pact by Bidder(s)/Contractor(s) to any middleman or agent or broker with a view to securing the contract.
 - (ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the NHPC/NHPC REL with the Bidder/ Contractor, the same shall not be opened/operated.
 - (x) Forfeiture of Performance Security in case of a decision by the NHPC/NHPC REL to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.2 The NHPC/NHPC REL will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (x) of this Pact also on the Commission by the Bidder/Contractor or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder/Contractor), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
- 6.3 The decision of the NHPC/NHPC REL to the effect that a breach of the provisions of this Pact has been committed by the Bidder/Contractor shall be final and conclusive on the Bidder/Contractor. However, the Bidder/Contractor can approach the Independent External Monitor(s) appointed for the purposes of this Pact.
- 7.0 Independent External Monitor(s)
- 7.1 The NHPC/NHPC REL has appointed Independent External Monitors (hereinafter referred to as monitors) for this Pact after approval by the Central Vigilance Commission.
- 7.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 7.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently. The Monitors report to CMD, NHPC.



relating to the project/procurement, including minutes of meetings, whenever required. The right to access records should only be limited to the extent absolutely necessary to investigate the issue related to the subject tender/contract.

- 7.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he / she will so inform CMD, NHPC and request NHPC Ltd. to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 7.6 The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction, to all Project documentation of the NHPC/NHPC REL including that provided by the Bidder/Contractor. The Bidder/Contractor will also grant the Monitor, upon his / her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Subcontractor(s). The Monitor shall be under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor(s) with confidentiality. The Monitor has also signed declaration on 'Non-Disclosure Agreement' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at an later date, the IEM shall inform CMD, NHPC and recuse himself / herself from that case.
- 7.7 The NHPC/NHPC REL will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings as and when required.
- 7.8 The Monitor will submit a written report to the CMD, NHPC Ltd., within 8 to 10 weeks from the date of reference or intimation to him by the NHPC/NHPC REL/Bidder and should the occasion arise, submit proposals for correcting problematic situations.
- 7.9 The word 'Monitor' would include both singular and plural.

8.0 Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the NHPC/NHPC REL or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder/Contractor and the Bidder/Contractor shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

9.0 Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and jurisdiction is the Registered Office of the NHPC, i.e. Faridabad (Haryana). The arbitration clause provided in the tender document/contract shall not be applicable for any issue/dispute arising under Integrity Pact.

10.0 Other Legal Actions

- 10.1 The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.
- 10.2 Changes and supplements as well as termination notice need to be made in writing.

A handwritten signature in blue ink is written over a blue circular stamp. The stamp contains the text 'एन एच पी सी' (N H P C) in Hindi and 'NHPC' in English.

partners of the consortium/joint venture.

11.0 Validity

- 11.1 The validity of this Integrity Pact shall be from date of its signing and expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from business dealings.
- 11.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intention.
- 11.3 Issues like Warranty / Guarantee etc. shall be outside the purview of IEMs.
- 11.4 In the event of any contradiction between Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail.

For & On behalf of the NEPC/NHPC
REL

सनत कुमार / SANAT KUMAR
महसुबजक (सिविल) / General Manager (Civil)
सिबिल-विमान विभाग / Contracts-Civil Divn.
एन एच पी सी लिमिटेड / NHPC Limited
(भारत सरकार का उद्यम / A Govt. of India Enterprise)
सेक्टर-33, फरीदाबाद / Sector-33, Faridabad

(Office Seal)

Place Faridabad

Date 24/01/2015

Witness 1.

Rajiv Kumar Singh
(Name and address) SM (C), Contracts (C)
Division

2.

Ritesh Ranjan
(Name and address) SM (C), Contracts (C)
Division

For & On behalf of the Bidder /
Contractor

(Office Seal)

Place-----

Date-----

Witness 1. _____

(Name and address)

2. _____

(Name and address)

Guidelines on Banning Business Dealings

1. Introduction

NHPC Limited (NHPC) deals with Agencies viz. parties/ contractors/ suppliers/ bidders, who are expected to adopt ethics of highest standards and a very high degree of integrity, commitments and sincerity towards the work undertaken. It is not in the interest of NHPC to deal with Agencies who commit deception, fraud or other misconduct in the tendering process and/or during execution of work undertaken. NHPC is committed for timely completion of the Projects within the awarded value without compromising on quality.

- 1.2 Since banning of business dealings involves civil consequences for an Agency concerned, it is incumbent that adequate opportunity of hearing is provided and the explanation, if tendered, is considered before passing any order in this regard keeping in view the facts and circumstances of the case.

2.0 Scope

- 2.1 NHPC reserves its rights to remove from list of approved suppliers / contractors (if such list exists) or to Suspend/Ban Business Dealings if any Agency has been found to be non / poor performing or have committed misconduct or fraud or anything unethical or any of its action(s) which falls into any such grounds as laid down in this policy.
- 2.2 The procedure of (i) Removal of Agency from the List of approved suppliers / contractors; (ii) Suspension and (iii) Banning of Business Dealing with Agencies, has been laid down in these guidelines.
- 2.3 These guidelines shall apply to all the units of NHPC.
- 2.4 These guidelines shall not be applicable in Joint Venture, Subsidiary Companies of NHPC unless they are assignees, successors or executor.
- 2.5 The suspension/banning except suspension/banning under Integrity Pact shall be with prospective effect, i.e. future business dealings.

3.0 Definitions

In these Guidelines, unless the context otherwise requires:

- i) **“Agency /Party / Contractor / Supplier / Bidders/Vendors”** shall mean and include a public limited company or a private limited company, a joint Venture, Consortium, HUF, a firm whether registered or not, an individual, cooperative society or an association or a group of persons engaged in any commerce, trade, industry, etc. “Party / Contractor/ Supplier / Bidder/Vendor” in the context of these guidelines is indicated as ‘Agency’.
- ii) **“Unit”** shall mean the Corporate Office, Project/ Power Station/ Regional Office/ Liaison Office or any other office of NHPC.
- iii) **“Competent Authority”** and **‘Appellate Authority’** shall mean the following:
 - a) For works awarded/under Tendering from corporate office (falling in the competency of CMD /Board of Directors).
 - Competent Authority: CMD
 - Appellate Authority : Board of Directors
 - b) For works awarded/under Tendering from Corporate Office/Projects/ Power Stations/ Regional Offices/Liaison Offices (falling in the competency of Director /Executive Director)

- Competent Authority: Concerned Director/Executive Director as the case may be
 - Appellate Authority: CMD /Concerned Director as the case may be
- c) For works awarded/under tendering from Corporate Office / Regional Offices / Projects/ Power Stations/ Liaison Offices (falling in the competency of CGM and below).
- Competent Authority in case of works awarded/under tendering from Corporate Office/Regional office shall be CGM or GM of the concerned division as the case may be.
 - Competent Authority: Head of the Unit not below the rank of General Manager
 - Appellate Authority: Next higher authority
- iv) **“Investigating Committee”** shall mean a Committee appointed by Competent Authority to conduct investigation.

4.0 Initiation of Suspension /Banning

Action for Suspension / Banning Business Dealings with any Agency shall be initiated by the department responsible for invitation of Bids/Engineer-in-charge after noticing the irregularities or misconduct on the part of Agency concerned. Besides the concerned department, Vigilance Department of each Unit/ Corporate Vigilance may also be competent to initiate such action.

5.0 Suspension of Business Dealings.

- 5.1 If the conduct of any Agency dealing with NHPC is under investigation, the Competent Authority may consider whether the allegations (under investigation) are of a serious nature and whether pending investigation, it would be advisable to continue business dealing with the Agency. If the Competent Authority, decides that it would not be in the interest to continue business dealings pending investigation, it may suspend business dealings with the Agency. The order of suspension would operate for a period not more than six months and may be communicated to the Agency as also to the Investigating Committee. The Investigating Committee may ensure that their investigation is completed and whole process of final order is over within such period. However if the investigations are not completed within six months ,the investigation committee shall put up the proposal to the competent authority for approval of extension of time maximum up to further three months with in which the committee shall conclude the proceedings .
- 5.2 The order of suspension shall be effective throughout NHPC in case of work falling in the Competency of CMD/ Board of Directors/Directors, in case of work falling in the competency of Executive Director suspension shall be effective throughout Region /Corporate office (in case the works awarded/under Tendering from Corporate office) .In case of work falling in the competency of HOP or below suspension shall be effective throughout the Project/Power Station and attached liaison offices/units and in case of work falling under the competency of CGM and below at Corporate

office suspension shall be effective at Corporate office. During the period of suspension, no business dealing shall be held with the Agency.

- 5.3 If the Agency concerned asks for detailed reasons of suspension, the Agency may be informed that its conduct is under investigation. It is not necessary to enter into correspondence or argument with the Agency at this stage.
- 5.4 It is not necessary to give any show-cause notice or personal hearing to the Agency before issuing the order of suspension.
- 5.5 The format for intimation of suspension of business dealing is placed at **Annexure-2B.**

6.0 Ground on which Banning of Business Dealings can be initiated

- 6.1 If the security consideration, including questions of loyalty of the Agency to NHPC so warrants;
- 6.2 If the director /owner of the Agency, proprietor or partner of the firm, is convicted by a Court of Law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises, during the last five years;
- 6.3 If the Agency has resorted to Corrupt, Fraudulent, Collusive, Coercive practices including misrepresentation of facts and violation of the any provisions of the Integrity Pact provided in the Contract.
- 6.4 If the Agency uses intimidation / threatening or brings undue outside pressure on NHPC or its official for acceptance / performances of the job under the contract;
- 6.5 If the Agency misuses the premises or facilities of NHPC, forcefully occupies or damages the NHPC's properties including land, water resources, forests / trees or tampers with documents/records etc.
- 6.6 If the Agency does not fulfil the obligations as required under the Contract and Violates terms & conditions of the contract which has serious affect for continuation of the Contract.
- 6.7 If the work awarded to the agency has been terminated by NHPC due to poor performance of the contract in the preceding 5 years.
- 6.8 If the Central Vigilance Commission, Central Bureau of Investigation or any other Central Government investigation Agency recommends such a course in respect of a case under investigation or improper conduct on agency's part in matters relating to the Company (NHPC) or even otherwise;
- 6.9 On any other ground upon which business dealings with the Agency is not in the public interest.
- 6.10 If business dealings with the Agency have been banned by the Ministry of Power, Government of India OR any PSU/ any other authority under the MOP if intimated to NHPC or available on MOP Website, the business dealing with such agencies shall be banned with immediate effect for future business dealing except banning under Integrity Pact without any further investigation.

(Note: The examples given above are only illustrative and not exhaustive. The Competent Authority may decide to ban business dealing for any good and sufficient reason).

7.0 Procedure for Banning of Business Dealings

- 7.1 An Investigating Committee shall be constituted by the authority competent to Ban the dealing comprising members from Engineering/Indenting department (convener), Finance, Law and Contract. The level of the committee members shall be CGM and above for works falling in the competency of CMD/Board of Directors, General Manager and above for the works falling in the competency of Director/ Executive Director and DGM/SM with at least one member of the level of General Manager for works falling in the competency of CGM and below.
- 7.2 The order of Banning of Business Dealings shall be effective throughout the NHPC. During the period of Banning of Business Dealings, no Business Dealing shall be held with the Agency.
- 7.3 The functions of Investigating Committee in each Unit to be appointed by the competent authority in line with para 3 (iii) shall, inter-alia include:
 - a) To study the report of the department responsible for invitation of bids and decide if a prima-facie case for banning exists, if not, send back the case to the Competent Authority.
 - b) To recommend for issue of show-cause notice (after vetting by legal deptt.) to the Agency by the concerned department as per clause 7.4 “Show Cause Notice”.
 - c) To examine the reply to show-cause notice and call the Agency for personal hearing, if required.
 - d) To submit final recommendations to the Competent Authority for banning or otherwise including the period for which the ban would be operative considering the implications for NHPC on account of the act/omission on the part of the agency, intention of the agency as established from the circumstances of the case etc.

7.4 Show Cause Notice

Once the proposal for issuance of Show Cause Notice is approved by the Competent Authority, a ‘Show Cause Notice’ (as per format at **Annexure -2C** of these guidelines) shall be issued to the delinquent Agency by the Competent Authority or by a person authorized by the Competent Authority for the said purpose. The Agency shall be asked to submit the reply to the Show Cause Notice within 15 days of its issuance. Further, the Agency shall be given an opportunity for Oral hearing to present its case in person, if it so desires, and the date for Oral Hearing shall necessarily be indicated in the Show Cause Notice.

The purpose of issuing the Show Cause Notice is only that the Agency concerned shall be given an opportunity to explain their stand before any action is taken. The grounds on which action is proposed to be taken shall be disclosed to the Agency inviting representation and after considering that representation, orders may be passed. Such orders require only the satisfaction of the authority that passed the final orders.

If the Agency requests for inspection of any relevant document in possession of NHPC, necessary facility for inspection of documents may be provided.

During the conductance of oral hearing, only the regular duly authorized employees of Agency will be permitted to represent the Agency and no outsider shall be allowed to represent the Agency on its behalf.

Reply to the Show Cause Notice given by the Agency and their submissions in oral hearing, if any, will be processed by the Committee for obtaining final decision of the Competent Authority in the matter.

- 7.5** In case, no reply to Show Cause Notice is received from the Agency within stipulated time, further reminder shall be given with further period of 10 days thereafter if no reply is received action for processing ex-parte against the concerned Agency shall be initiated.

Speaking Order

The speaking order (reasoned order) for banning the business dealing with the Agency shall be issued by the Competent Authority or by a person authorized for the said purpose.

The decision regarding banning of business dealings taken after the issue of a Show Cause Notice and consideration of representation, if any, in reply thereto, shall be communicated to the Agency concerned along with a reasoned order. The fact that the representation has been considered shall invariably be mentioned in the communication. Also the fact that if no reply was received to the Show Cause Notice shall invariably be indicated in the final communication to the Agency. The format for intimation of banning of business dealing is placed at **Annexure-2D**.

7.6 Period of banning

In case banning is processed for violation of provisions of Integrity pact or due to corrupt or fraudulent practices, the Competent Authority shall decide on the period of banning on case to case basis depending on the gravity of the case and considering the implications for NHPC on account of the act/omission on the part of the Agency, intention of the Agency as established from the circumstances of the case etc. The period of banning shall not be less than 6 months and shall not exceed 2 years and in case termination of contract due to poor performance the period of banning shall be for 5 years. For contracts awarded to JV/Consortium, a constituent of the JV shall be permitted to participate in the bidding process if it has not been banned on grounds of its role and responsibility in the tendering process for which the Joint Venture has been banned in Past. In case if the Joint Venture which has been banned does not indicate the roles and responsibility of individual Partner(s) then, the partner of the banned Joint Venture shall only be allowed to participate in the bidding process if its participation share is less than 35%.

In case the information/documents submitted by Agency in competing for the tender found to be false/forged then NHPC, without prejudice to any other rights or remedies it may possess, shall recover from Agency the cost incurred in carrying out physical assessment for establishing veracity of such information/documents. In case Agency refuses to reimburse such cost to NHPC then banning period of Agency shall be extended by another one year.

7.7 Effect of Banning

As far as possible, the existing ongoing contract(s) with the Agency may continue unless the Competent Authority, having regard to the circumstances of the case, decides otherwise, keeping in view contractual and legal issues which may arise thereof. In case the existing Contracts are allowed to continue, the suspension/Banning of Business Dealing along with default of the Contractor shall be recorded in the experience certificate issued for the work.

The Agency, (after issue of the order of banning of business dealings) would not be allowed to participate in any future tender enquiry and if the Agency has already participated in tender process as stand-alone OR constituent of joint venture and the price bids are not opened, his techno-commercial bid will be rejected and price bid will be returned unopened. However, where the price bids of Agency have been opened prior to order of banning, bids of Agency shall not be rejected and tendering process shall be continued unless Competent Authority having regard to the circumstances of the case decides otherwise keeping in view the Contractual, Legal issues which may arise thereafter. However, in case the suspension /Banning is due to default of an Agency for the provisions under Integrity Pact and the Agency happens to be Lowest Bidder (L1), the tendering process shall be annulled and fresh tenders shall be invited.

During the Suspension/ Banning period, if it is found at any stage that Agency has participated in tender enquiry under a different name then such Agency would immediately be debarred from the tender/contract and its Bid Security/Performance Security would be forfeited. Payment, if any, made shall also be recovered.

After Suspension/ Banning order, the Suspended/ Banned Agency shall not be allowed to participate as Sub-Vendor/Sub-Contractor in the tenders.

Further, if the Suspended/ Banned agency is an approved Sub-Vendor under any Contract for such equipment/component/service, the Main Contractor shall not be permitted to place work order/Purchase order/Contract on the Suspended/ Banned agency as a Sub-Vendor /Sub-Contractor after the date of Suspension/ Banning even though the name of the party has been approved as a Sub-Vendor /Sub-Contractor earlier.

There would be no bar on procuring the spares and awarding Contracts towards Annual Maintenance (AMC)/ O&M/ Repair works on Agencies pertaining to the packages for which they have been banned provided the Equipment has been supplied by such Agency.

Banning of business dealing shall not be applicable to the Subsidiary Company of the Banned agency provided subsidiary company has not participated on the strength of the Banned agency. However, in case of a default by a Sub-Contractor, the banning shall be applicable to the Sub-Contractor as well as the Lead Partner of the concerned JV or the Sole bidder as the case may be.

7.8 Hosting at NHPC website

The concerned unit shall forward the name and details of the Agency (ies) banned along with period and reasons of banning to IT&C Division of Corporate Office for displaying the same on the NHPC website.

8.0 Appeal against the Decision of the Competent Authority.

The Agency may file an appeal against the order of the Competent Authority banning of business dealing before Appellate Authority. Such an appeal shall be preferred within 30 (Thirty) Days from the date of receipt of the order of banning of business dealing. Appellate Authority would consider the appeal if convinced may constitute another committee for further investigation. The investigation Committee constituted by the Appellate Authority shall study the report of the previous investigating committee and reply submitted by the Agency while filing its case for appeal and call the Agency for personal hearing , if requested by the Agency. Based

on the recommendation of the committee Appellate Authority shall pass appropriate Speaking (Reasoned) order in line with Sub-Para 7.5 above which shall be communicated to the Agency as well as the Competent Authority (as per format enclosed as **Annexure-2E** with these guidelines).

9.0 Circulation of the names of Agencies with whom Business Dealings have been banned

The name of the concerned banned agency shall also be shared with MOP and other PSU in the sector and all the units of NHPC.

The provisions of this policy supersede and will have overriding effect on all earlier guidelines, procedures & system issued for the similar purpose.

(Format for Intimation of Suspension of business dealing)

BY REGD. POST/SPEED POST/COURIER

No.....

Date.....

To

M/s

Attn.: Shri

Sub: Intimation of Suspension of Business Dealings

Dear Sir,

Whereas the work of was awarded to your firm vide letter of award no ...dt.... amounting to Rs. OR In response to NHPC NIT (e-tender / physical tender) nodt. you have submitted your bid . (strike out whichever is not applicable)

Whereas the conduct of your firm in respect of the following is under investigation:

Brief of the default

“Whereas the Competent Authority prima facie considered the allegations (under investigation) are of a serious nature and decided pending investigation, it is not in the interest of the corporation to continue business dealing with your firm

This order shall have the following effects:

- (i) Further business dealings with your firm is Suspended within Region/Project/Unit/wide NHPC. The order of Suspension is effective with immediate effect and would operate for a period of six months or till the investigation is completed and whole process of final order is over within such period. However, if investigations are not completed in six months’ time, the Competent Authority may extend the period of Suspension
- (ii) During the period of Suspension, no business dealing shall be held with your firm. No enquiry / bid / tender shall be issued to your firm nor will the bids submitted by your firm be entertained.
- (iii) In cases where tenders have already been issued to you and price bids are yet to be opened, the Price Bid submitted by you shall not be opened and BG/EMD, if any, submitted by you shall be returned.
- (iv) In cases where tenders have already been issued to you and Price Bids have already been opened, the tendering process shall be continued
- (v) In case of ongoing contracts between you & NHPC, (including cases where contract has already been awarded before the issue of Suspension order) you will be required to continue with the execution and perform as per terms of the contract.
- (vi) (a) In case the Firm is in Joint Venture the following would also be applicable:

i) Participation of Agency in Joint Venture

Tenders in which your firm has been proposed as Joint Venture Partner by any of the bidders and price bids have been opened prior to Suspension of your firm in such

cases the tendering process shall not be annulled on this ground and the Agency shall be permitted to continue as Partner in the Joint Venture for such bidding. However where event of Price Bid opening has not taken place prior to Suspension/Banning of Agency then in such case Agency shall not be permitted to participate as Partner in the Joint Venture.

ii) **Banning of joint Venture:**

As the Joint Venture is Banned, your firm intends to bid as Partner(s) of Joint Venture in bidding process then it shall be permitted to participate in the bidding process if it has not been Banned on grounds of its role and responsibility in the tendering process for which the Joint Venture has been Banned in Past. In case if the Joint Venture which has been Banned does not indicate the roles and responsibility of individual Partner(s) then, the partner of the Banned Joint Venture shall only be allowed to participate in the bidding process if its participation share is less than 35%.

- (b) Your firm shall not be allowed to participate as Sub-Vendor/Sub-Contractor in the tenders.

Further if your firm is an approved Sub-vendor under any Contract for such equipment/component/service, the Main Contractor shall not be permitted to place work order/Purchase order/Contract on your agency as a Sub-Vendor/Sub-Contractor after the date of Suspension/ Banning even though the name of the party has been approved as a Sub-Vendor/Sub-Contractor earlier.

- (c) There would be no bar on procuring the spares and awarding Contracts towards Annual Maintenance (AMC)/ O&M/ Repair works on Agencies pertaining to the packages for which they have been Banned provided the Equipment has been supplied by such Agency.

- (d) Banning of business dealing shall not be applicable to the Subsidiary company of the Banned agency provided subsidiary company has not participated on the strength of the Banned agency.

On expiry of the above period of Suspension/Banning, you may approach...

(Indicate the concerned procurement department), with request for revocation of the order mentioning inter-alia the steps taken by you to avoid recurrence of misconduct which has led to Suspension.

Yours faithfully,

For & On behalf of NHPC.

Note: Strike out whichever is not applicable

(Format of Show Cause Notice)

BY REGD. POST/SPEED POST/COURIER

No.....

Date.....

To

M/s

.....

Attn.: Shri

Sub: Show Cause Notice

Ref :

Dear Sir,

You are hereby required to Show Cause in writing within 15 days from the date hereof why Business Dealing with your firm should not be banned / your firm is placed in the Banning List (as the case may be) and be debarred from entering into any contracts with NHPC for the following reasons:

(Give Reasons)

Your reply (if any) should be supported by documents and documentary evidence which you wish to rely in support of your reply. In case, you desire to present your case in person to NHPC, a personal hearing shall be conducted onat hours for which prior intimation be furnished to this office. Should you fail to reply to this Show Cause Notice within the time and manner aforesaid, it will be presumed that you have nothing to say and we shall proceed accordingly.

Your reply, if any, and the documents / documentary evidence given in support shall be taken into consideration prior to arriving at a decision.

Yours faithfully,

For & On behalf of NHPC.

(Format for Intimation of Banning of Business Dealing)

BY REGD. POST/SPEED POST/COURIER

No.....

Date.....

To

M/s

Attn.: Shri

Sub: Intimation of Suspension of Business Dealings

Dear Sir,

Whereas the work of was awarded to your firm vide letter of award no ...dtd.... amounting to Rs. OR In response to NHPC NIT (e-tender / physical tender) nodt. you have submitted your bid .(strike whichever is not applicable)

Whereas the Competent Authority had prima facie considered the allegations as detailed below are of a serious nature and decided to conduct investigation.

“Brief of the Default may be mentioned”

Whereas show cause notice vide no ... dtd....was served upon you. (whereas in spite of the opportunity given to you, you failed to submit the reply to the show cause notice within the time period mentioned there upon or further extended period, if any). Whereas you submitted the reply along with documents vide your letter no. _____dt. _____ and presented your case in the personal hearing dated (if any) . After considering the allegations made in the show cause notice, your reply to the show cause notice documents/documentary evidence in support thereof and personal hearing dated(if any), it has been decided to Ban the Business Dealing with you and you are hereby debarred from entering into contracts with NHPC.

(In order to make the Intimation of Banning of Business Dealing Speaking Order (reasoned order), the issue of a Show Cause Notice and consideration of representation in reply to show cause notice , opportunity of personal hearing, if any, shall be communicated to the Agency concerned along with a reasoned order. The order for Banning should also contain the reasons with detailed justification for conclusion of decision to Ban the Agency. Also the fact that if no reply to the Show Cause Notice was received or request for personal hearing was not made shall invariably be indicated in the communication to the Agency. The above order shall mention the grounds considering violation of any provision of Integrity Pact, any ground mentioned in Guidelines of Banning of Business Dealings, default by the agency under fraudulent practice / or any unethical practice and/or violation of any provision of Tender/Contract Condition having serious implications.)

This order shall have the following effects:

- i) Further business dealings with your firm is banned with immediate effect . The order of Banning would operate for a period ofyears/month Competent Authority may extend the period of Banning.
- ii) During the period of Banning, no Business Dealing shall be held with your firm. No Enquiry / Bid / Tender shall be issued to your firm nor will the bids submitted by your firm be entertained.

- iii) In cases where tenders have already been issued to you and Price Bids are yet to be opened, the Price Bid submitted by you shall not be opened and BG/EMD, if any, submitted by you shall be returned.
- iv) In cases where tenders have already been issued to you and price bids have already been opened, the Tendering Process shall be continued.
- (v) In case of ongoing contracts between you & NHPC, (including cases where contract has already been awarded before the issue of Banning order) you will be required to continue with the execution and perform as per terms of the contract.
- (vi) (a) In case the Firm is in Joint Venture the following would also be applicable:

i) **Participation of Agency in Joint Venture**

Tenders in which your firm has been proposed as Joint Venture Partner by any of the bidders and price bids have been opened prior to Banning of your firm in such cases the tendering process shall not be annulled on this ground and the Agency shall be permitted to continue as Partner in the Joint Venture for such bidding. However where event of price bid opening has not taken place prior to Banning of Agency then in such case Agency shall not be permitted to participate as Partner in the Joint Venture.

ii) **Banning of joint Venture:**

As the Joint Venture is banned, your firm intends to bid as Partner(s) of Joint Venture in bidding process then it shall be permitted to participate in the bidding process if it has not been banned on grounds of its role and responsibility in the tendering process for which the Joint Venture has been banned in Past. In case if the Joint Venture which has been banned does not indicate the roles and responsibility of individual Partner(s) then, the partner of the banned Joint Venture shall only be allowed to participate in the bidding process if its participation share is less than 35%.

- (b) Your firm shall not be allowed to participate as Sub-Vendor/Sub-Contractor in the tenders.

Further if your firm is an approved Sub-vendor under any Contract for such equipment/component/service, the Main Contractor shall not be permitted to place work Order/Purchase Order/Contract on your agency as a Sub-Vendor/Sub-Contractor after the date of Banning even though the name of the party has been approved as a Sub-Vendor/Sub-Contractor earlier.

- (c) There would be no bar on procuring the spares and awarding Contracts towards Annual Maintenance (AMC)/ O&M/ Repair works on Agencies pertaining to the packages for which they have been banned provided the Equipment has been supplied by such Agency.
- (d) Banning of Business Dealing shall not be applicable to the Subsidiary company of the Banned Agency provided subsidiary company has not participated on the strength of the Banned Agency. However, in case of a default by a Sub-Contractor, the banning shall be applicable to the Sub-Contractor as well as the Lead Partner of the concerned JV or the Sole bidder as the case may be.

On expiry of the above period of Banning, you may approach..... (Indicate the concerned procurement department), with request for revocation of the order mentioning inter-alia the steps taken by you to avoid recurrence of misconduct which has led to Banning.

Further if you desire to appeal against this order you may do so within 30 days from the date of issue of this order to the appellate authority as here under:

Appellate Authority:

Designation:

Address:.....

Ph . no.

e-mail :

Yours faithfully,

For & On behalf of NHPC.

Note: Strikeout whichever is not applicable

(Format for communication of Appellate Decision on Suspension/Banning Order)

BY REGD. POST/SPEED POST/COURIER

No.....

Date.....

To, M/s

Attn.: Shri

Sub: Suspension Banning of Business Dealings - Intimation of decision of Appellate Authority

Ref: 1. Order dated Placing M/s on Suspension/Banning List by NHPC;

2. Your Appeal reference Dt.....

Dear Sir,

[

This has reference to the order dt..... placing you on Suspension/Banning List and your appeal petition reference dt.... on the same.

After considering the findings of the Original Authority in order and submissions made by you in your appeal, and the documents/documentary evidences available on record, it has been decided finally that :

- * There is no infirmity in the order of the Original Authority, and the allegations stand substantiated and the Suspension/Banning for the period of years/month from the date of order, as ordered by the original Authority is upheld,
- * Considering your submissions, the order of Suspension/Banning passed by the original authority is upheld, but with a reduction in period of Suspension/Banning for years/months from the date of order of original authority;
- * Considering your submissions and the evidence available on record, there is enough justification to annul the order of the original authority.

(*** Incorporate any one of the above as applicable

- ## In order to make the Communication of Appellate Authority on Banning of Business Dealing Speaking Order (reasoned order), the fact that the representation of the agency has been considered and reference of grounds brought forward by the Agency in his defense and if any opportunity of personal hearing has been given to the Agency as a part of principle of natural justice shall invariably be mentioned in the communication, The order for Banning should also contain the reasons with detailed justification for conclusion of decision to Ban the Agency. Also the fact that if no sufficient ground has been furnished shall invariably be indicated in the final communication to the Agency. In case the option for Banning of Agency or reduction of Time Period for Banning of Agency is exercised then the above order shall mention the grounds considering violation of any provision of Integrity Pact, any ground mentioned in Guidelines of Banning of Business Dealings, default by the agency under fraudulent or any unethical practices and/or violation of any provision of Tender/Contract Condition having serious implications.)

Yours faithfully,

For & On behalf of NHPC

ANNEXURE-3

QUALIFICATION INFORMATION SHEETS

General Information

Bidders are requested to complete the information

| | | | | | | | | | | | | |
|--------|--|--|-----------------|--|--------|-----------------|-------------|-----------------|------|--|--|--|
| 1. | Name of firm | | | | | | | | | | | |
| 2. | Head office address | Country: | | | | | | | | | | |
| 3. | Telephone Fax Email | Contact Person(s) Name Title/Position | | | | | | | | | | |
| 4. | Place of incorporation / registration Date | | | | | | | | | | | |
| 5. | Legal status of firm Field of speciality in business | | | | | | | | | | | |
| 6. | Number of present permanent employees: | <table border="1"> <tr> <td>Detail</td> <td>Civil Engineers</td> <td>Other Engrs</td> <td>Non Engineering</td> </tr> <tr> <td>Nos.</td> <td></td> <td></td> <td></td> </tr> </table> | | | Detail | Civil Engineers | Other Engrs | Non Engineering | Nos. | | | |
| Detail | Civil Engineers | Other Engrs | Non Engineering | | | | | | | | | |
| Nos. | | | | | | | | | | | | |
| 7. | Quality assurance system in head office | Certified by: | | | | | | | | | | |
| 8. | Agent or representative in INDIA Name Address Telephone | (if exists) Fax & Email | | | | | | | | | | |

Date

Signature

SUMMARY OF WORK EXPERIENCE

I. SUMMARY OF LIST OF WORKS COMPLETED AS ON DATE OF SUBMISSION OF TENDER

| S. No | Description of the Work & contract No. | Contract Awarded by | Contract Value | Date of contract awarded | Date of completion as per agreement | Date of commencement of work | Actual completion Date | Final value of Contract |
|--------------|---|----------------------------|-----------------------|---------------------------------|--|-------------------------------------|-------------------------------|--------------------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Note:

- i.) Supportive documents / certificates from the Organizations' with whom they worked/ are working should be enclosed.

Signature of Bidder
Seal of the Company

Annexure -3C

SELF CERTIFICATE FOR LOCAL CONTENT BY BIDDER

We [name of Bidder] hereby confirm, in respect of item(s) quoted in Schedules of Quantities & Prices of the subject tender, that Local Content is equal to (.....% of local content to be mentioned by bidder) as below:

| BOQ No. | Item | (.....% of local content) | Locations at which local value addition is made |
|---------|------|----------------------------|---|
| | | | |
| | | | |
| | | | |

Note:

- i.) *The Bidder shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) giving the percentage of local content.*

**Signature of Bidder
Seal of the Company**

Annexure – 4

**FORM OF SELF DECLARATION OF INELIGIBILITY
UNDERTAKING**

I/ We, M/s(Name of Bidder) hereby certify that I/we are not under the declaration of ineligibility for banning/ de-listing/ black listing/ debarment from business on the ground mentioned in Para 6 of Guidelines on banning of Business dealing (Annexure-2) to integrity pact, (ITB Clause 2 of RFS document) at the time of submitting of bid and shall intimate immediately of any such banning/de-listing/black listing/ debarring after submission of bid till the award of Tender.

(Seal & Signature of the Bidder)

Annexure -5A

DELETED

Annexure-5B

Deleted

(III): PROCEDURE FOR E-REVERSE AUCTION (e-RA)

- ANNEXURE -6 : Conditions of conducting e-RA after e-tendering
- ANNEXURE -7: Business Rule for e-RA
- ANNEXURE -8: Process Compliance form for e-RA
- ANNEXURE -9: Price Confirmation form for e-RA

1.0 Conditions for conducting e-RA after e-tendering

- 1.1 State/UT wise E-RA shall be implemented at Application Service Provider's Portal selected by NHPC.
- 1.2 State/UT wise E-RA shall be followed after e-tender, if number of eligible bidders at State/UT wise price bid stage is at least 2 (two). e-RA shall be carried out on the basis of "**Tariff**" quoted by bidder in Rs./kWh. Tariff (in Rs/kWh) shall be quoted upto two places of decimal only. If tariff is offered with more than two digits after decimal, it shall be truncated and considered upto two places of decimal (in Rs/kWh) in evaluation. The H1 bidder of each State/UT (whose derived "**Tariff**" as detailed in this paragraph is highest) will not be allowed to participate in further Reverse Auction process provided minimum three bidders are left in that State/UT after removal of H1 bidder.
- 1.3 All those bidders who are found to be technically qualified, will be ranked according to the quoted tariff with highest ranking (Rank L1) to that bidder who has quoted the lowest tariff bid and so on.

If the tariff bid is same for two or more bidders, then the bidder with higher net worth during FY-2023-24 shall be given higher ranking. In case the net worth of bidders are also same, then relative ranking shall be decided through draw of lottery.

1.4 The Base Bid Price for e-Reverse Auction of a State/UT shall be the lowest "**Tariff Bid**" of that State/UT as derived in Clause 1.2 & 1.3 as described above. The minimum decrement value for Reverse Auction is 0.01 INR i.e. one paisa.

In cases where no bidder accepts to quote lower than the base "**Tariff Bid**," e-RA of that State/UT is to be treated as invalid and the NHPC/NHPC REL proceeds for fresh e-RA for that State/UT or tenders shall be evaluated based on "**Tariff Bid**" as derived in Clause 1.2 & 1.3 in already opened e-Tender. The decision of the NHPC/NHPC REL in this regard shall be final and binding on the bidders.

- 1.5 After State/UT wise e-Reverse Auction and evaluating the State/UT wise lowest bid of the bidder based on lowest "**Tariff Bid**", the State/UT wise award shall be processed as per the procedure defined in the RFS document.
- 1.6 In case of failure of State/UT wise e-RA process for any reasons, e-tender results will be processed for award. Further, NHPC/ NHPC REL shall reserve the right to call the State/UT wise *L1 bidder for further process/negotiation or to cancel the e-reverse auction process/ re-tender at any time.

* L1 = Successful Bidder after e-Reverse Auction (as the case may be)

ANNEXURE-7

Business Rules for e-Reverse Auction

- 1) NHPC have presently made arrangements with Application Service Provider, who will be NHPC's authorized Service Provider for e-Reverse Auction (e-RA). Please go through the guidelines given below and submit your acceptance to the same.
- 2) Bidders who are found technically and commercially acceptable and whose Price Bid is as per the Bid Condition after e-tender are eligible to participate in e-RA. The intimation of schedule date & time to conduct State/UT wise e-RA shall be sent to eligible bidders in advance. State/UT wise E-Reverse Auction (e-RA) shall be conducted by Application Service Provider on scheduled date and time. Eligible bidders shall participate from their own offices / place of their choice. Internet connectivity shall be ensured by the respective bidders themselves. Designated officials i.e. Tender Inviting Authority of NHPC shall have access to portal and shall witness e-RA process.
- 3) Application Service Provider shall arrange to demonstrate / train (if not trained earlier) bidders' nominated person(s), without any cost. They will also explain all the Rules related to e-Reverse Auction/Business Rules Document to be adopted along with training manual.

The Application Service Provider (ASP) shall arrange to demonstrate/ train (if not trained earlier) bidders' nominated person(s) through ONLINE training by ppts / Audio Visual file without any cost. These training materials shall remain available on the portal all the time whenever bidders access the portal for such purposes. If bidders require any explanation in regard to the Rules related to e-Reverse Auction / Business Rules Document to be adopted along with bid manual, the same shall be explained to the bidder through any means of communication i.e. telephonic/email.

- 4) Before start of e-RA process, NHPC will provide the template calculation sheet (Spreadsheet) which will help bidders to arrive at "**Tariff Bid**" for the total scope of work.

Rank of the bidders would be displayed as per the "**Tariff Bid**" quoted by the Bidder in **Price Schedule**.

- 5) The Start Bid Price (SBP) for e-Reverse Auction in a State/UT shall be Lowest Bidder's derived "**Tariff Bid**" of that State/UT as above.

6) Procedure of e-Reverse Auctioning:

Dynamic Template Bidding (Rank Disclosed)

- i. In '*Dynamic Template Bidding (Rank Disclosed)*', bidders shall enter the "**Tariff Bid**" in line with clause 4 above for the total scope for subject Package. The value of decrement must be 0.01 INR i.e. one paisa and its multiple thereof of "**Lowest Tariff Bid**" after e-tender.
- ii. In the "Dynamic Bidding" **tie bid** is not allowed on Lowest "**Tariff Bid**" at e-RA Portal, i.e. if any higher price ranked vendor places bid equal to Lowest "**Tariff Bid**" in e- reverse auction, their bid will be rejected. The bidder is required to click on "Rejected" to know the reason of bid rejection. In that case, the bidder will have to instantly reduce their price within 5 minutes to submit lower quoted "**Tariff Bid**" otherwise the "**Tariff Bid**" will be considered as higher bid or rejected bid (system does not support tie bids in this type of auction).
- iii. The "**Tariff Bid**" received under e-RA shall be evaluated on the basis of evaluation method specified in the RFS document and the final evaluated Tariff thus obtained shall be used for comparison of bids

- 7) Within one (1) hour after conclusion of e-RA, successful bidder shall furnish confirmation through his registered e-mail id to the Tender Inviting Authority for present tender the following:

Final “**Tariff Bid**” quoted in Reverse Auction In case, there is any variation between the final “**Tariff Bid**” quoted in Reverse Auction and the document received after Auction, the first i.e. “**Tariff Bid**” in Auction will be taken as final offered “**Tariff**” by the bidder.

- 8) Auction shall be for a period of **60 minutes**. The bidding continues with an auto extension of **10 min** time if any Bidder quotes a further lower price within final 10 minutes of specified closing time of auction.

In final countdown and auto extension time, the Lowest “**Tariff Bid**” at e-RA Portal would be visible to all the vendors who have placed valid bids. However, real identity of the bidder would not be disclosed during entire e-reverse auction process. The bidding could continue even after the final run till the time there are no changes in prices within aforesaid final 10 minutes.

- 9) During Auction, if no bid is received within the specified time, NHPC/ NHPC REL, at its discretion, may decide to close the reverse auction process and proceed with results of e-tendering.
- 10) Each Bidder shall be assigned **Unique User Name & Password** by Application Service Provider. Bidders are advised to change the Password and edit the information in the Registration Page after the receipt of initial Password from Application Service Provider to ensure confidentiality. All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.
- 11) Bidders shall be able to view the following on their screens along with the necessary fields during the auction.
- Rank of the respective bidder[@]
 - Bid placed by the respective bidder.

@ “Tariff Bid” of Lowest bidder at e-RA Portal will be displayed in the last 10 minutes and in auto extension time.

- 12) Consequent upon completion of e-Reverse Auction, NHPC’s/ NHPC REL decision on State/UT wise award of contract shall be final and binding on all the bidders.
- 13) NHPC/ NHPC REL shall be at liberty to call the *State/UT wise* *L1 bidder for further process/ negotiation/ cancel the e-reverse auction process/ re-tender at any time, without assigning any reason thereof.
- 14) NHPC/NHPC REL/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
- 15) NHPC/ NHPC REL along with Service Provider can decide to reschedule or cancel any Auction; the bidders shall be informed accordingly.
- 16) The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders. The bidder shall also not divulge either his bid or any other exclusive details of NHPC/ NHPC REL to any other party. If it has come to notice of NHPC/ NHPC REL/Service Provider that bidders have colluded while submitting price in e-RA, the same be dealt as per provision of Integrity Pact.
- 17) Any updation/ modification in the e-RA process brought out above shall be conveyed in advance to the bidders before e-RA.

18) Other terms and conditions shall be as per the RFS documents.

**L1= Lowest Evaluated Bidder for that State/UT after e-Reverse Auction (as the case may be)*

Process Compliance Form for e-Reverse Auction

(Bidders are required to submit this on their Company's Letter Head and sign & stamp)

To,

____Name, Designation, Address of Tender Inviting Authority____

Contact Person:

E-mail:

Sub: Agreement to the Process related Terms and Conditions

Dear Sir,

This has reference to the Terms & Conditions for the e-Reverse Auction mentioned in the Business Rules for <.....Name of tender Package & Tender Specification No.:>

This letter is to confirm that:

1. The undersigned is authorized representative* of the Company.
2. We have studied the e-Reverse Auction Terms & Conditions and the Business Rules governing the e-Reverse Auction as mentioned in the RFS document and confirm our agreement to them.
3. We also confirm that we shall take the training on the auction tool and shall understand the functionality of the same thoroughly, before start of e-RA.
4. We also confirm that we will submit Tariff confirmation within an hour of conclusion of e-Reverse Auction through company email ID.
5. Our registered email id is _____.

We hereby confirm that we will honor the Bids placed by us during the auction process.

With regards

Signature with company seal

Name –

Company / Organization –

Designation within Company / Organization –

Address of Company / Organization –

**Person having power of attorney for the subject package*

ANNEXURE-9

Format for submitting Price Confirmation for e-Reverse Auction

(To be submitted on Company Letter Head duly signed and stamped)

REF No.

Date:

To,

____ **Name, Designation, Address of Tender Inviting Authority** ____

Contact Person:

E-mail:

Re: Price Confirmation for thee-Reverse Auction of

Auction Notice Dated:

For Procurement of... [...Name of package.....].

For M/s NHPC LIMITED E-Tender Id no.....

Reference above, we here by confirm that we have given our final offer in the e-Reverse Auction System as per the template, which is attached herewith duly signed and stamped from our end:

(i) Final TARIFF: .

Signature:

Name:

Designation

:

Seal of the Company:

VOLUME 1

INFORMATION FOR BIDDERS

INFORMATION FOR BIDDERS (IFB)

1.0 INTRODUCTION

- 1.0** NHPC Renewable Energy Limited (NHPC REL) is a wholly owned subsidiary of NHPC Limited. Incorporated in February 2022, NHPC REL is mandated for development of Renewable Energy, Small Hydro and Green hydrogen Projects. The Company is actively pursuing its entry into Solar, Wind, Green Hydrogen, Small Hydro and other Renewable Generation.
- 1.1** The scheme 'PM - SURYA GHAR: MUFT BIJLI YOJANA' was launched by the Government on 13.02.2024 to promote adoption of rooftop solar in the residential sector, providing Central Financial Assistance for consumers. Operational guidelines of the scheme were issued by MNRE on 03.07.2024.
- 1.2** NHPC Limited has been allocated of 8 nos. of Central Ministries/ Departments by MNRE and five nos. States viz. Haryana, UT of J&K, Sikkim, Manipur and Nagaland (communicated by MNRE O.M. dated 25.01.2024, for taking up installation and coverage of roof top solar capacity in mission mode (under PM Surya Ghar Yojana) by Dec'2025 as per details below:

| A. | Central Ministries allocated to NHPC REL: |
|-----------|---|
| 1 | Ministry of Food Processing Industries |
| 2 | Ministry of Heavy Industries and Public Enterprises |
| 3 | Ministry of Science and Technology |
| 4 | Ministry of Water Resources |
| 5 | Ministry of Drinking Water & Sanitation |
| 6 | Ministry of Environment, Forests & Climate Change |
| 7 | Ministry of Law and Justice |
| 8 | Ministry of Micro, Small & Medium Enterprises |
| | |
| B. | States allocated to NHPC REL: |
| 1 | Haryana |
| 2 | Sikkim |
| 3 | UT of J&K |
| 4 | Nagaland |
| 5 | Manipur |

Bidders are advised to collect all necessary information under the scheme as mentioned in the MNRE operational guidelines for government buildings No. 318/17/2024-Grid Connected Rooftop (Part-2) dated 03rd July 2024 and

must apprise themselves of all the relevant guidelines as and when notified and NO ADDITIONAL CLAIM shall be entertained in this regard.

- 1.3 In view of above, **NHPC Renewable Energy Limited (hereinafter called NHPC REL)** intends to invite proposal for Implementation of rooftop Solar projects on **Government buildings** of allocated Central Ministries (**hereinafter called Government Client / Institution / Organization**), at various locations under RESCO mode. Bidding shall be Tariff based Competitive Based Process. After conclusion of bidding process, Concerned Ministry/Departments/Autonomous bodies and their associated departments shall enter into Power Purchase Agreement (PPA) with the selected Bidder, based on this RfS for purchase of Solar power for a period of 25 years from the Scheduled Commencement of Supply Date of the project based on the terms, conditions and provisions of the RfS and PPA.
- 1.4 This document is for Implementation of Rooftop Solar Projects on Government Buildings of allocated Central Ministries of tentative capacity of 24.22 MW on the roof of government buildings of allocated Central Ministries. The solar power produced by the selected RTD from its respective Solar Roof Top Plants will be purchased by the respective Building owner and would be used for self-consumption or net metering.
- 1.5 NHPC REL shall be Project Management Consultant (PMC) for the RESCO project set up by RTD.

2.0 OVERVIEW OF RFS:

- 2.1 Roof Top Developers (hereafter referred to as RTDs) selected by NHPC REL based on this RfS, shall set up roof top Solar plants on RESCO Mode in accordance with the provisions of this RfS document and standard Power Purchase Agreement (PPA) attached in this RfS.
- 2.2 Government Institutions shall enter into PPA with successful RTD for a period of 25 years from the date as per the provisions of PPA. The Bidders will be free to avail fiscal incentives like Accelerated Depreciation, Concessional Customs and Excise Duties, Tax Holidays etc. as available for such projects. The same will not have any bearing on comparison of bids for selection. As equal opportunity is being provided to all bidders at the time of tendering itself, it is up to the Bidders to avail various tax and other benefits. No claim shall arise on NHPC REL for any liability if bidders are not able to avail fiscal incentives and this will not have any bearing on the applicable tariff.
- 2.3 Bidder shall quote a single tariff for entire of its projects' capacity offered, which shall be applicable for all the 25 years.

2.4 No separate Central Financial Assistance is envisaged for implementation of the Projects selected under this RfS.

3.0 GUIDELINES FOR IMPLEMENTATION OF THE RFS

3.1 Ministry of New & Renewable Energy (MNRE) vide its Office Memorandum No. 318/17/2024- Grid Connected Rooftop (part-2) dated 03.07.2024 issued Guidelines for Saturation of Government Buildings under PM Surya Ghar: Muft Bijli Yojana. Under the scheme, all Government rooftops under the administrative control of Central Government Ministries/Departments, including autonomous bodies, subordinate offices etc. shall be saturated with rooftop solar to the extent that is technically feasible by 31st December, 2025.

4.0 BRIEF SCOPE OF WORK

The Solar Photo Voltaic (PV) installation at Various locations on Government Buildings of allocated Central Ministries in RESCO Mode on Tariff-Based Competitive Bidding as mentioned in Annexure-A on shadow free area in such a way that the generation is maximized. The final plant capacity shall be as per the detailed engineering and approved design.

Tentative Capacity is:

(a) Roof Top Solar Capacity: 24.22 MWac

(b) No of States/UT : 25 Nos.

Detailed scope of work is provided in the RFS document.

Tentative list of buildings/locations where rooftop solar is proposed is placed at **Annexure-A** of IFB.

The contact details for any assistance related to site visit is enclosed as **Annexure-B** of IFB.

Annexure-A of IFB

ANNEXURE A (STATE/UT WISE CAPACITY)

| Sl. No. | State/UT Name | Estimated Rooftop Potential (kW) | No. of Buildings |
|-------------------------------|-------------------|----------------------------------|------------------|
| NORMAL CATEGORY STATES | | | |
| 1 | Uttar Pradesh | 867.05 | 5 |
| 2 | Haryana | 600.30 | 7 |
| 3 | NCT of Delhi | 1369.60 | 16 |
| 4 | Punjab | 224.00 | 1 |
| 5 | Gujarat | 194.55 | 2 |
| 6 | Rajasthan | 1648.00 | 12 |
| 7 | Madhya Pradesh | 452.40 | 8 |
| 8 | Maharashtra | 1642.30 | 13 |
| 9 | Odisha | 430.00 | 7 |
| 10 | West Bengal | 1560.62 | 22 |
| 11 | Bihar | 100.60 | 2 |
| 12 | Jharkhand | 254.00 | 4 |
| 13 | Andhra Pradesh | 121.00 | 1 |
| 14 | Telangana | 1980.50 | 16 |
| 15 | Karnataka | 3765.55 | 32 |
| 16 | Kerala | 863.70 | 12 |
| 17 | Tamil Nadu | 3969.01 | 28 |
| SPECIAL CATEGORY STATE | | | |
| 18 | UT of J&K | 43.00 | 1 |
| 19 | Himachal Pradesh | 340.00 | 7 |
| 20 | Uttarakhand | 2603.81 | 34 |
| 21 | Sikkim | 200.00 | 1 |
| 22 | Arunachal Pradesh | 60.00 | 1 |
| 23 | Assam | 626.00 | 8 |
| 24 | Mizoram | 152.50 | 2 |
| 25 | Meghalaya | 149.34 | 3 |
| | TOTAL= | 24217.8 | 245 |

ANNEXURE A (BUILDING DETAILS)

| UT of J&K | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|--|--|----------|-------------------------|----------|-------------|-------------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | Central Water Commission (CWC) | Chenab Division, Central Water Commission, Rajinder Nagar, Phase-1, Bantalaab | Jal Aayog Bhawan Chenab Division, Central Water Commission, Rajinder Nagar, Phase-1, Bantalaab | | Jammu | UT of JAMMU and KASHMIR | 181123 | 32.78170556 | 74.83131944 | Owned | 120000 | 226 | 430 | 430 | 43 | 0 | 43 | JS-WR |
| Total Capacity | | | | | | | | | | | | | | | | 43 | | |
| Total no. of buildings | | | | | | | | | | | | | | | | 1 | | |
| Himachal Pradesh | | | | | | | | | | | | | | | | | | |
| Sl. No. | Organization Name | Building Name | Office | | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR IHBT | East Wing | | Kangra | HIMACHAL PRADESH | 176061 | 32.1109 | 76.5363 | | 3560000 | | 550 | 300 | 30 | 0 | 30 | S&T-CSIR |
| 2 | CSIR | CSIR IHBT | Shardul Hostel | | Kangra | HIMACHAL PRADESH | 176061 | 32.1109 | 76.5363 | | 3560000 | | 1300 | 750 | 75 | 0 | 75 | S&T-CSIR |
| 3 | CSIR | CSIR IHBT | Old Girls Hostel | | Kangra | HIMACHAL PRADESH | 176061 | 32.1109 | 76.5363 | | 3560000 | | 800 | 400 | 40 | 0 | 40 | S&T-CSIR |
| 4 | CSIR | CSIR IHBT | Old Boys Hostel | | Kangra | HIMACHAL PRADESH | 176061 | 32.1109 | 76.5363 | | 3560000 | | 1600 | 800 | 80 | 0 | 80 | S&T-CSIR |
| 5 | CSIR | CSIR IHBT | Guest House | | Kangra | HIMACHAL PRADESH | 176061 | 32.1109 | 76.5363 | | 3560000 | | 550 | 250 | 25 | 0 | 25 | S&T-CSIR |
| 6 | CSIR | CSIR IHBT | Pilot Plant | | Kangra | HIMACHAL PRADESH | 176061 | 32.1109 | 76.5363 | | 3560000 | | 850 | 500 | 50 | 0 | 50 | S&T-CSIR |
| 7 | Cement Corporation of India Limited (CCI) | C type residential | Rajban Cement Factory Ponta sahib | | Sirmaur | HIMACHAL PRADESH | 173028 | 30.66675 | 77.43063 | Leased | 19224197 | | 480 | 480 | 40 | 0 | 40 | Heavy Ind. |
| Total Capacity | | | | | | | | | | | | | | | | 340 | | |
| Total no. of buildings | | | | | | | | | | | | | | | | 7 | | |
| Uttarakhand | | | | | | | | | | | | | | | | | | |
| Sl. No. | Organization Name | Building Name | Office | | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | Main building | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 18711 | | 950 | 950 | 100 | 0 | 95 | S&T-Deptt of S & T |
| 2 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | new building | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 18711 | | 475 | 475 | 75 | 0 | 47.5 | S&T-Deptt of S & T |
| 3 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | Residences a) Type I | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 18711 | | 600 | 600 | 75 | 0 | 60 | S&T-Deptt of S & T |
| 4 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | Residences b) Type II | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 18711 | | 250 | 250 | 35 | 0 | 25 | S&T-Deptt of S & T |
| 5 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | Residences C) Type III | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 18711 | | 550 | 550 | 75 | 0 | 37.61 | S&T-Deptt of S & T |
| 6 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | Residences e) Type V | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 60605 | 300 | 2300 | 2300 | 250 | 0 | 230 | S&T-Deptt of S & T |
| 7 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | f) Director Residence | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 60605 | | 285 | 285 | 35 | 0 | 28 | S&T-Deptt of S & T |
| 8 | Aryabhata Research Institute of Observational Science | ARIES Manora Peak | H) pdf house | | Nainital | UTTARAKHAND | 263001 | 29.35 | 79.45 | Owned | 60605 | | 250 | 250 | 35 | 0 | 25 | S&T-Deptt of S & T |
| 9 | Aryabhata Research Institute of Observational Science | ARIES Devasthal campus | 3.6 m bulding | | Nainital | UTTARAKHAND | 263132 | 29.36 | 79.68 | Owned | 25287 | 150 | 275 | 275 | 35 | 0 | 27.5 | S&T-Deptt of S & T |
| 10 | Aryabhata Research Institute of Observational Science | ARIES Devasthal campus | New canteen/hostel | | Nainital | UTTARAKHAND | 263132 | 29.36 | 79.68 | Owned | 25287 | | 250 | 250 | 35 | 0 | 25 | S&T-Deptt of S & T |
| 11 | CSIR | CSIR CBRI | Main Building | | HARIDWAR | UTTARAKHAND | 247667 | 29.86397 | 77.90285 | | 1628730 | 850 | 1980 | 3890 | 500 | 220 | 169 | S&T-CSIR |
| 12 | CSIR | CSIR IIP | ETL/RTL/HINDI SECTION/TECH BLOCK ETC. | | Dehradun | UTTARAKHAND | 248005 | 30.2672 | 78.078 | | 2162000 | 1805 | 6555 | 0 | 100 | 0 | 100 | S&T-CSIR |
| 13 | Bharat Heavy Electricals Limited (BHEL) | Main ADM Building | BHEL-HEEP HEEP Plant, BHEL, Ranipur, Haridwar | | HARIDWAR | UTTARAKHAND | 249403 | 29.93 | 78.03 | Owned | 34800000 | 13000 | 2060 | 2060 | 100 | 25 | 75 | Heavy Ind. |

| | | | | | | | | | | | | | | | | | |
|----------------|--|--|---|----------|-------------|--------|------------|------------|--------|----------|------|------|--------|-----|----|---------|------------|
| 14 | Bharat Heavy Electricals Limited (BHEL) | HRDC Building | BHEL-Township Township Area, BHEL, Ranipur Haridwar | HARIDWAR | UTTARAKHAND | 249403 | 29.93 | 78.03 | Owned | 17712000 | 5000 | 942 | 942 | 100 | 0 | 94.2 | Heavy Ind. |
| 15 | Bharat Heavy Electricals Limited (BHEL) | ET HOSTEL | BHEL-Township Township Area, BHEL, Ranipur Haridwar | HARIDWAR | UTTARAKHAND | 249403 | 29.93 | 78.03 | Owned | 17712000 | | 1216 | 1216 | 120 | 0 | 120 | Heavy Ind. |
| 16 | Bharat Heavy Electricals Limited (BHEL) | INTERNATIONAL CLUB | BHEL-Township Township Area, BHEL, Ranipur Haridwar | HARIDWAR | UTTARAKHAND | 249403 | 29.93 | 78.03 | Owned | 17712000 | | 864 | 864 | 80 | 0 | 80 | Heavy Ind. |
| 17 | Zoological survey of India | Office Building | 218, Kaulagarh Road, Dehradun | Dehradun | UTTARAKHAND | 248195 | 30.3460819 | 78.0138027 | Owned | 181540 | 1000 | 600 | 580 | 55 | 0 | 55 | MOE&FCC |
| 18 | G.B. Pant National Institute Himalayan Environment | Faculty Building | GBPNIHE Kosi Katarmal | Almora | UTTARAKHAND | 263643 | 29.6398 | 79.6231 | Owned | 494904 | | 2820 | 1410 | 71 | 0 | 71 | MOE&FCC |
| 19 | G.B. Pant National Institute Himalayan Environment | Library Building | Headquarter | Almora | UTTARAKHAND | 263643 | 29.6398 | 79.6231 | Owned | | | 1200 | 600 | 30 | 0 | 30 | MOE&FCC |
| 20 | G.B. Pant National Institute Himalayan Environment | Boys Hostel | Headquarter | Almora | UTTARAKHAND | 263643 | 29.6398 | 79.6231 | Owned | | | 1600 | 800 | 40 | 0 | 40 | MOE&FCC |
| 21 | G.B. Pant National Institute Himalayan Environment | Rural Technology Complex Building | Headquarter RTC Kosi | Almora | UTTARAKHAND | 263643 | 29.5971 | 79.6591 | Leased | 748 | 40 | 1065 | 532.5 | 27 | 0 | 27 | MOE&FCC |
| 22 | Indian Council of Forestry Research & Education | NFLIC | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | 2830080 | 1348 | 5500 | 1500 | 150 | 0 | 150 | MOE&FCC |
| 23 | Indian Council of Forestry Research & Education | New FRI Hospital | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 5100 | 1150 | 115 | 0 | 115 | MOE&FCC |
| 24 | Indian Council of Forestry Research & Education | Paper & Cellulose Discipline | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 7192 | 350 | 35 | 0 | 35 | MOE&FCC |
| 25 | Indian Council of Forestry Research & Education | Kendriya Vidyalaya | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 3229 | 1700 | 170 | 0 | 170 | MOE&FCC |
| 26 | Indian Council of Forestry Research & Education | New Rose Wood Hostel | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 1300 | 500 | 50 | 0 | 50 | MOE&FCC |
| 27 | Indian Council of Forestry Research & Education | Scientist Hostel | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 6500 | 500 | 50 | 0 | 50 | MOE&FCC |
| 28 | Indian Council of Forestry Research & Education | ICFRE | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 4700 | 1000 | 100 | 0 | 100 | MOE&FCC |
| 29 | Indian Council of Forestry Research & Education | Boys Hostel | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 4925 | 800 | 80 | 0 | 80 | MOE&FCC |
| 30 | Indian Council of Forestry Research & Education | Visitor & Scientist Hostel and Girl Hostel | ICFRE HQ and FRI (Data pertains to 2 Sites) PO-NEW FOREST | Dehradun | UTTARAKHAND | 248006 | 30.34 | 78.03 | Owned | | | 8500 | 500 | 50 | 0 | 50 | MOE&FCC |
| 31 | Wildlife Institute of India | Wildlife Institute of India | WII Chandrabani, Dehradun (UK) | Dehradun | UTTARAKHAND | 248001 | 30.28368 | 77.973467 | Owned | 83144 | 85 | 1020 | 1020 | 85 | 85 | 85 | MOE&FCC |
| 32 | Botanical Survey of India | office building | NRC- office building-Dehra Dun | Dehradun | UTTARAKHAND | 248195 | 30.3447 | 78.0135 | Owned | 185700 | 107 | 1892 | 1608 | 175 | 0 | 107 | MOE&FCC |
| 33 | Indira Gandhi National Forest Academy | Type-V | IGNFA Residential Complex Litchibagh, Colony | Dehradun | UTTARAKHAND | 248006 | | | Owned | | | 966 | 870.3 | 150 | 0 | 87 | MOE&FCC |
| 34 | Indira Gandhi National Forest Academy | Type-VI | IGNFA Residential Complex Litchibagh, Colony | Dehradun | UTTARAKHAND | 248006 | | | Owned | | | 980 | 862.36 | 150 | 0 | 63 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 2603.81 | |

| Uttar Pradesh | | | | | | | | | | | | | | | | | |
|------------------------|---|---------------------|---|---------------------|---------------|----------|-----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR IITR | FT Block | Lucknow | UTTAR PRADESH | 226001 | 26.84906 | 80.94331 | | 21221.66 | 75 | 366 | 300 | 25 | 0 | 25 | S&T-CSIR |
| 2 | Bharat Heavy Electricals Limited (BHEL) | Stamping shop Floor | BHEL-FSIP FSIP, Industrial Area Jagdishpur | Rae Bareli | UTTAR PRADESH | 227817 | 26.489961 | 81.55818 | Owned | 4800000 | 3600 | 9400 | 9287 | 750 | 0 | 750 | Heavy Ind. |
| 3 | Bharat Heavy Electricals Limited (BHEL) | Townships Noida | Township Noida Township, Sector-17, Noida | Gautam Buddha Nagar | UTTAR PRADESH | 201301 | 28.57 | 77.32 | Owned | 50 | 75 | 500 | 500 | 50 | 50 | 25 | Heavy Ind. |
| 4 | Central Water Commission (CWC) | Adjacent to ICCMRT | O/o chief Engineer, UGBO, CWC UGBO, CWC, Indira Nagar, Lucknow | Lucknow | UTTAR PRADESH | 226016 | 26.8866 | 80.9823 | Owned | 50164 | 60 | 270.5 | 270.5 | 27.05 | 0 | 27.05 | JS-WR |
| 5 | Botanical Survey of India | Office building | Dr. Vinay Ranjan Scientist E & Head of Office Botanical Survey of India Central Regional Centre 10, Chatam Lines Allahabad 221 002 Uttar Pradesh Ph.: (0532) 2250179 Mobile: 09830289770 Email: hoo-crc@bsi.gov.in; cc@bsi.gov.in | PRAYAGRAJ | UTTAR PRADESH | 221 002 | 25.473 | 81.8662 | Leased | 152448 | 160 | 875 | 400 | 50 | 0 | 40 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 867.05 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | | |

| Haryana | | | | | | | | | | | | | | | | | |
|---------|-------------------|---------------|--------|----------|-------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |

| | | | | | | | | | | | | | | | | | |
|------------------------|---|--------------------------|---|-----------|---------|--------|--------|--------|-------|---------|------|------|------|-------|-----|-------|-------------|
| 1 | National Brain Research Centre (NBRC), Manesar | NBRC, Manesar, Haryana | Staff Quarters Block A&B NH-8, Manesar, Gurugram | GURUGRAM | HARYANA | 122052 | 28 | 77 | | 5221750 | 1500 | 600 | 280 | 46.11 | 0 | 28 | S&T-Biotech |
| 2 | National Brain Research Centre (NBRC), Manesar | NBRC, Manesar, Haryana | Animal House NH-8, Manesar, Gurugram | GURUGRAM | HARYANA | 122052 | 28 | 77 | | 5221750 | | 790 | 280 | 46.2 | 0 | 28 | S&T-Biotech |
| 3 | National Brain Research Centre (NBRC), Manesar | NBRC, Manesar, Haryana | Utility Building | GURUGRAM | HARYANA | 122052 | 28 | 77 | | 5221750 | | 1452 | 643 | 106.1 | 0 | 64.3 | S&T-Biotech |
| 4 | HMT Limited(HMT) | MTP Administration Block | HMT Machine Tools Limited, ABD-Pinjore HMT LIMITED, PINJORE | Panchkula | HARYANA | 134101 | 31 | 76 | Owned | 2800000 | 600 | 812 | 800 | 270 | 0 | 80 | Heavy Ind. |
| 5 | HMT Limited(HMT) | MTP Technical Block | HMT Machine Tools Limited, ABD-Pinjore HMT LIMITED, PINJORE | Panchkula | HARYANA | 134101 | 31 | 76 | Owned | 2800000 | | 1950 | 1900 | | | 190 | Heavy Ind. |
| 6 | Central Ground Water Board (CGWB) | Bhujal Bhawan | Bhujal Bhawan, CGO Complex, NH IV, Faridabad | Faridabad | Haryana | 121001 | 282435 | 771860 | Owned | 350820 | 160 | 4000 | 3500 | 1000 | 0 | 160 | JS-WR |
| 7 | Water and Power Consultancy Services (India) Limited (WAPCOS) | Cooperate Building | 76C, Sector 18, Gurugram | GURUGRAM | HARYANA | 122015 | 77 | 28 | Owned | 418000 | 413 | 2940 | 1500 | 100 | 100 | 50 | JS-WR |
| Total Capacity | | | | | | | | | | | | | | | | 600.3 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | | 7 |

| NCT of Delhi | | | | | | | | | | | | | | | | | | |
|--------------|--|---|---|------------|--------------|----------|-----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|------------------------|-------------------------|-----------------------|----|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department | |
| 1 | CSIR | CSIR HQ | Science Centre | New Delhi | NCT OF DELHI | 110001 | 28.6448 | 77.2167 | | 600000 | 514 | 500 | 400 | 40 | 0 | 40 | S&T-CSIR | |
| 2 | CSIR | CSIR NPL | Main Building Dr KS Krishnan Marg, New Delhi, Delhi | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | 2400 | 600 | 600 | 60 | 0 | 60 | S&T-CSIR | |
| 3 | CSIR | CSIR NPL | Central Workshop | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 1000 | 900 | 90 | 0 | 90 | S&T-CSIR | |
| 4 | CSIR | CSIR NPL | TEC Building | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 1000 | 900 | 90 | 0 | 90 | S&T-CSIR | |
| 5 | CSIR | CSIR NPL | Met. Building | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 1000 | 900 | 90 | 0 | 90 | S&T-CSIR | |
| 6 | CSIR | CSIR NPL | Thin Film | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 600 | 600 | 60 | 0 | 60 | S&T-CSIR | |
| 7 | CSIR | CSIR NPL | HEPP Building | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 2000 | 1900 | 190 | 0 | 190 | S&T-CSIR | |
| 8 | CSIR | CSIR NPL | Guest House | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 1000 | 1000 | 100 | 0 | 100 | S&T-CSIR | |
| 9 | CSIR | CSIR NPL | Clean Room | New Delhi | NCT OF DELHI | 110012 | 28.38 | 77.1 | | 4600000 | | 1100 | 1000 | 100 | 0 | 100 | S&T-CSIR | |
| 10 | CSIR | CSIR NEERI | A-93-94, Naraina Indutrial Area Phase I, Naraina, New Delhi NEERI, Delhi Zonal Centre | South West | NCT OF DELHI | 110028 | 28.633831 | 77.135068 | | 19800 | 305 | 408 | 408 | 40 | 0 | 40 | S&T-CSIR | |
| 11 | CSIR | CSIR NIScPR | Satsang Vihar main building | New Delhi | NCT OF DELHI | 110012 | 28.58 | 77.2 | | 110160 | 850 | 1500 | 1240 | 124 | 0 | 124 | S&T-CSIR | |
| 12 | CSIR | CSIR HRDG | Guest House | New Delhi | NCT OF DELHI | 110012 | 28.6347 | 77.1704 | | 340800 | 305 | 350 | 300 | 30 | 0 | 30 | S&T-CSIR | |
| 13 | CSIR | CSIR HRDG | Scientist apartment MBSA | New Delhi | NCT OF DELHI | 110012 | 28.6347 | 77.1704 | | 340800 | | 550 | 500 | 50 | 0 | 50 | S&T-CSIR | |
| 14 | National Institute of Plant Genome Research (NIPGR), New Delhi | NIPGR, New Delhi | Lab Block Aruna Asaf Ali Marg, South Delhi | South | NCT OF DELHI | 110067 | 29 | 77 | | 7622995 | 1625 | 4179 | 2000 | 200 | 0 | 200 | S&T-Biotech | |
| 15 | Central Soil and Materials Research Station (CSMRS) | Central Soil and Materials Research Station | CSMRS, Olof Palme Marg, Hauz Khas, New Delhi | South | NCT OF DELHI | 110016 | 29 | 77 | Owned | 522327 | 1181 | 2897 | 1469 | 50 | 50 | 68.1 | JS-WR | |
| 16 | Central Pollution Control Board | Parivesh Bhawan | Central Pollution Control Board | East | NCT OF DELHI | 110032 | 28.655902 | 77.287972 | Owned | 1287514 | 640 | 1424 | 375 | 46 | 0 | 37.5 | MOE&FCC | |
| | | | | | | | | | | | | | | | Total Capacity | 1369.6 | | |
| | | | | | | | | | | | | | | | Total no. of Buildings | | | 16 |

| Punjab | | | | | | | | | | | | | | | | | | |
|---------|---|----------------------|--|-------------|--------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|------------------------|-------------------------|-----------------------|---|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department | |
| 1 | National Agri-Food Biotechnology Institute (NABI), Mohali | NABI, Mohali, Punjab | NABI Main Building NABI, Main Campus, Sector 81, Mohali, Punjab - 140306 | S.A.S Nagar | PUNJAB | 140306 | 31 | 77 | | 5183000 | 1555 | 3090 | 2490 | 350 | 25 | 224 | S&T-Biotech | |
| | | | | | | | | | | | | | | | Total Capacity | 224 | | |
| | | | | | | | | | | | | | | | Total no. of Buildings | | | 1 |

| Gujarat | | | | | | | | | | | | | | | | | |
|---------|--|---|---------------|-------------|---------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | National Innovation Foundation-India (NIF) | Grambharti, Amrapur, Gandhinagar-Mahudi Road Gandhinagar, Gujarat | Main Building | Gandhinagar | GUJARAT | 382650 | 23.37708 | 72.69794 | Leased | 11150 | 95 | 717.09 | 580.47 | 95 | Not installed | 58.05 | S&T-Deptt of S & T |

| | | | | | | | | | | | | | | | | | |
|------------------------|------|-------------|---|-----------|---------|--------|-------|-------|--|------|-------|---------|------|-------|---|--------|----------|
| 2 | CSIR | CSIR CSMCRI | Guest House, Side colony, Varodariya Park, Staff Quarters, Science Apartment, | Bhavnagar | GUJARAT | 364002 | 21.75 | 72.14 | | 7360 | 136.5 | 5386.65 | 5218 | 521.2 | 0 | 136.5 | S&T-CSIR |
| Total Capacity | | | | | | | | | | | | | | | | 194.55 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | 2 | |

| Rajasthan | | | | | | | | | | | | | | | | | |
|------------------------|---|--|---|----------------|-----------|----------|-----------|-----------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Accessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR CEERI | Scientific block, Technical block, store, MWD Area, New MWD Area, Café, New Building South block, ME | JHUNHUNU | RAJASTHAN | 333031 | 28.36 | 75.58 | | 1015956 | 1260 | 14995 | 14150 | 1415 | 1000 | 260 | S&T-CSIR |
| 2 | Rajasthan Electronics & Instruments Ltd.(REIL) | Main Building | REIL Headquarter office / REIL works 2, Kanakpura Industrial Area, Sirsi Road, Jaipur | Jaipur | RAJASTHAN | 302034 | 26 | 75 | Leased | 480000 | 800 | 2790 | 1100 | 105 | 55 | 50 | Heavy Ind. |
| 3 | HMT Limited(HMT) | MTA Outer Administration Building | HMT Machine Tools Limited, Ajmer HMT MACHINE TOOLS LIMITED, BEAWAR ROAD AJMER | Ajmer | RAJASTHAN | 305003 | 26 | 74 | Owned | 1208124 | 1100 | 1219 | 1219 | 1000 | 0 | 121.9 | Heavy Ind. |
| 4 | HMT Limited(HMT) | MTA Administration Building | HMT Machine Tools Limited, Ajmer HMT MACHINE TOOLS LIMITED, BEAWAR ROAD AJMER | Ajmer | RAJASTHAN | 305003 | 26 | 74 | Owned | 1208124 | | 3920 | 3920 | | | 392.2 | Heavy Ind. |
| 5 | HMT Limited(HMT) | MTA Security Gate | HMT Machine Tools Limited, Ajmer HMT MACHINE TOOLS LIMITED, BEAWAR ROAD AJMER | Ajmer | RAJASTHAN | 305003 | 26 | 74 | Owned | 1208124 | | 313 | 313 | | | 31.3 | Heavy Ind. |
| 6 | HMT Limited(HMT) | MTA Canteen | HMT Machine Tools Limited, Ajmer HMT MACHINE TOOLS LIMITED, BEAWAR ROAD AJMER | Ajmer | RAJASTHAN | 305003 | 26 | 74 | Owned | 1208124 | | 856 | 856 | | | 85.6 | Heavy Ind. |
| 7 | Zoological survey of India | ZSI Office Building | DRC, Desert Regional Center, Jhalamand Choraha, New Pali Road, Frount of India Bulls Mega Mall,Jodhpur | Jodhpur | RAJASTHAN | 342016 | 26.263863 | 73.008957 | Owned | 104910 | 150 | 1976 | 1842 | 303 | 25 | 125 | MOE&FCC |
| 8 | Indian Council of Forestry Research & Education | Main Office | AFRI Post Office Kirshi Upaz Mandi, New Pali Road, New Pali Road, Jodhpur, | Jodhpur | RAJASTHAN | 342005 | 26.229 | 73.03 | Owned | 17280 | 500 | 900 | 600 | 135 | 0 | 60 | MOE&FCC |
| 9 | Indian Council of Forestry Research & Education | Extension | AFRI Post Office Kirshi Upaz Mandi, New Pali Road, New Pali Road, Jodhpur, | Jodhpur | RAJASTHAN | 342005 | 26.229 | 73.03 | Owned | | | 1200 | 900 | 200 | 0 | 90 | MOE&FCC |
| 10 | Indian Council of Forestry Research & Education | Library | AFRI Post Office Kirshi Upaz Mandi, New Pali Road, New Pali Road, Jodhpur, | Jodhpur | RAJASTHAN | 342005 | 26.229 | 73.03 | Owned | | | 1500 | 1200 | 270 | 0 | 120 | MOE&FCC |
| 11 | National Museum of Natural History | Museum Block, Auditorium Block, Hostel Block, Sub Station area | Rajiv Gandhi Regional Museum of Natural History Post-Sherpur, Village Ramsinghpura, Sawai Madhopur | Sawai Madhopur | RAJASTHAN | 322001 | 26.041091 | 76.392486 | Owned | 250000 | 900 | 2959 | 2630 | 295 | 0 | 263 | MOE&FCC |
| 12 | Botanical Survey of India | Office & Residential | Dr. S. L. Meena Scientist E & Head of Office Botanical Survey of India Arid Zone Regional Centre, Near Khema Ka Kuan, Pal Basani Canal Link road, P.O. Nandan Van Jodhpur - 342 014, Rajasthan Ph.: (0291) 2740415 Mobile: 09413921718 Email: hoo-azrc@bsi.gov.in; azc@bsi.gov.in | Jodhpur | RAJASTHAN | 342 014 | 26.246135 | 72.987927 | Owned | 34118 | 74 | 2000 | 1445 | 51.2 | 25 | 49 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 1648 | |
| Total no. of buildings | | | | | | | | | | | | | | | | 12 | |

| Madya Pradesh | | | | | | | | | | | | | | | | | |
|---------------|---|----------------------|---|----------|----------------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Accessment (in KW) | Ministry / Department |
| 1 | Narmada Control Authority (NCA) | Narmada sadan | Narmada Sadan, Sector -8, Scheme no. 74 -C, Vijay Nagar | Indore | MADHYA PRADESH | 452010 | 23 | 76 | Owned | 80520 | 79 | 1000 | 1000 | 50 | 50 | 29 | JS-WR |
| 2 | Zoological survey of India | ZSI Office | CZRC, 168/169, Scheme No. 05, SBI, Chouwk, Vijay Nagar Central Zone Regional Center, Jabalpur | Jabalpur | MADHYA PRADESH | 482002 | 23.1308 | 79.9054 | Owned | 51564 | 88 | 946.5 | 780 | 78 | 0 | 78 | MOE&FCC |
| 3 | Indian Council of Forestry Research & Education | Main Admin Extension | TFRI Mandla Road, Jabalpur, Madhya Pradesh | Jabalpur | MADHYA PRADESH | 482021 | 23.09 | 79.98 | Owned | | | 1020 | 355 | 35 | 0 | 35 | MOE&FCC |
| 4 | Indian Council of Forestry Research & Education | Genetics | TFRI Mandla Road, Jabalpur, Madhya Pradesh | Jabalpur | MADHYA PRADESH | 482021 | 23.09 | 79.98 | Owned | | | 450 | 300 | 30 | 0 | 30 | MOE&FCC |
| 5 | Indian Council of Forestry Research & Education | KV School | TFRI Mandla Road, Jabalpur, Madhya Pradesh | Jabalpur | MADHYA PRADESH | 482021 | 23.09 | 79.98 | Owned | | | 1000 | 500 | 50 | 0 | 50 | MOE&FCC |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|--|------------|----------------|--------|----------|----------|-------|-------|-----|-------|------|-----|-----|-------|---------|------|---------|
| 6 | National Museum of Natural History | Paryavaran Parisar, E-5, Arera Colony, Bhopal | Paryavaran Parisar, E-5, Arera Colony Regional Museum of Natural History, Bhopal | Bhopal | MADHYA PRADESH | 462016 | 23.21327 | 77.4264 | Owned | 87621 | 170 | 3575 | 2970 | 293 | 0 | 170 | MOE&FCC | | |
| 7 | Indian Council of Forestry Research & Education | Admin Building | PO-Kundalikala, Poama, Parasia Road Chhindwara | Chhindwara | MADHYA PRADESH | 480001 | 22.08138 | 78.87532 | Owned | | | 30240 | 120 | 980 | 302 | 45 | 0 | 30.2 | MOE&FCC |
| 8 | Indian Council of Forestry Research & Education | Laboratory Building | ICFRE - Skill Development Centre Chhindwara | Chhindwara | MADHYA PRADESH | 480001 | 22.08138 | 78.87532 | Owned | | | | | 980 | 302 | 45 | 0 | 30.2 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 452.4 | | | |
| Total no. of buildings | | | | | | | | | | | | | | | | 8 | | | |

| Maharashtra | | | | | | | | | | | | | | | | | |
|----------------|--|---|--|------------|-------------|----------|------------|-------------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | INDIAN INSTITUTE OF GEOMAGNETISM (IIG) | Plot-5, Sector-18, Panvel | 1 Office + Library building | RAIGAD | MAHARASHTRA | 410218 | 19.0137 | 73.1061 | Leased | 600 | 860 | 1300 | 1170 | 117 | 0 | 117 | S&T-Deptt of S &T |
| 2 | INDIAN INSTITUTE OF GEOMAGNETISM (IIG) | Plot-5, Sector-18, Panvel | (ii) Auditorium + Canteen | RAIGAD | MAHARASHTRA | 410218 | 19.0137 | 73.1061 | Leased | 600 | | 600 | 580 | 58 | 0 | 58 | S&T-Deptt of S &T |
| 3 | CSIR | CSIR NCL | S.M.Mane | Pune | MAHARASHTRA | 411008 | 18.54 | 73.81 | | 6093283 | 1643.5 | 13104 | 13044 | 1053 | 430 | 623 | S&T-CSIR |
| 4 | CSIR | CSIR NEERI | Bathing Water facility, Community Hall, Waste Water Nehru Marg | Nagpur | MAHARASHTRA | 440020 | 21.7 | 79.4 | | 1389815 | 750 | 2555 | 2255 | 225.5 | 175.5 | 50 | S&T-CSIR |
| 5 | Central Water and Power Research Station (CWPRS) | Residential Quarters (Type VI- 1 No., Type V- 5 Nos., Type IV- 6 Nos., Type III- 140 Nos) | CW&PRS Staff Colony, Khadakwasla, Pune | Pune | Maharashtra | 411024 | 18 | 74 | Owned | 7499520 | 1200 | 2800 | 2500 | 250 | 0 | 250 | JS-WR |
| 6 | Central Water and Power Research Station (CWPRS) | Multi-Purpose Hall(GI Slant Roof) | CW&PRS Staff Colony CWPRS,Khadakwasla, Pune | Pune | MAHARASHTRA | 411024 | 18.4459871 | 73.7929089 | Owned | 4713984 | 880 | 600 | 500 | 50 | 0 | 50 | JS-WR |
| 7 | Central Water and Power Research Station (CWPRS) | Miscellaneous Buildings(Health Unit, Filtration Plant, School Building) | CW&PRS Staff Colony CWPRS,Khadakwasla, Pune | Pune | MAHARASHTRA | 411024 | 18.4459871 | 73.7929089 | Owned | 4713984 | | 1200 | 700 | 70 | 0 | 70 | JS-WR |
| 8 | Central Water Commission (CWC) | Near Nanded City | National Water Academy, CWC National Water Academy, CWC Sinhagad Road Near Nanded phata Khadakwasla Pune | Pune | MAHARASHTRA | 411024 | 18.45 | 73.79 | Owned | 450816 | 994 | 1563 | 1563 | 156.3 | 0 | 156.3 | JS-WR |
| 9 | Botanical Survey of India | office building | WRC-Office-Pune | Pune | MAHARASHTRA | 411 001 | 18.5349 | 73.8848 | Owned | 89600 | 43 | 1200 | 545 | 75 | 0 | 43 | MOE&FCC |
| 10 | INDO GERMAN TOOL ROOM AURANGABAD | AURANGABAD | ADMINISTRATIVE BUILDING | Aurangabad | MAHARASHTRA | 431006 | 19.886232 | 75.36597319 | | 148000 | 1190 | 850 | 550 | 60 | 30 | 25 | MSME |
| 11 | INDO GERMAN TOOL ROOM AURANGABAD | AURANGABAD | ADVANCE TECHNOLOGY CENTRE BUILDING | Aurangabad | MAHARASHTRA | 431006 | 19.886232 | 75.36597319 | | | | 615 | 615 | 60 | 0 | 60 | MSME |
| 12 | INDO GERMAN TOOL ROOM AURANGABAD | AURANGABAD | PRODUCTION BUILDING | Aurangabad | MAHARASHTRA | 431006 | 19.886232 | 75.36597319 | | | | 1655 | 1400 | 200 | 60 | 80 | MSME |
| 13 | INDO GERMAN TOOL ROOM AURANGABAD | AURANGABAD | TRAINING BUILDING | Aurangabad | MAHARASHTRA | 431006 | 19.886232 | 75.36597319 | | | | 1041 | 900 | 100 | 30 | 60 | MSME |
| Total Capacity | | | | | | | | | | | | | | | | 1642.3 | |

Total no. of Buildings 13

| Odisha | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|-----------|--------|----------|-------------|-------------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR IMMT | PRL Campus Annex building & Service building to main building (MPD dept, Cnem section, Store & Purchase sectio | Khordha | ODISHA | 751013 | 20.2996 | 85.826 | | 2885472 | 850 | 2040 | 2040 | 170 | 0 | 170 | S&T-CSIR |
| 2 | Institute of Life Sciences (ILS), Bhubaneswar | DBT-Institute of Life Sciences (Campus-I) | Research & Development building | Khordha | ODISHA | 751023 | 20.3146 | 85.8168 | | 4154352 | 800 | 820 | 600 | 60 | Nil | 60 | S&T-Biotech |
| 3 | Institute of Life Sciences (ILS), Bhubaneswar | DBT-Institute of Life Sciences (Campus-I) | New S+5 building | Khordha | ODISHA | 751023 | 20.3146 | 85.8168 | | 4154352 | | 475 | 400 | 40 | Nil | 40 | S&T-Biotech |
| 4 | Institute of Life Sciences (ILS), Bhubaneswar | DBT-Institute of Life Sciences , Campus-II (DBT-ILS) | Scientist Residence | Khordha | ODISHA | 751021 | 20.3226 | 85.8016 | | 271564 | 160 | 512 | 350 | 35 | Nil | 35 | S&T-Biotech |
| 5 | Institute of Life Sciences (ILS), Bhubaneswar | DBT-Institute of Life Sciences , Campus-II (DBT-ILS) | Staff Quarter | Khordha | ODISHA | 751021 | 20.3226 | 85.8016 | | 271564 | | 399 | 300 | 30 | Nil | 30 | S&T-Biotech |
| 6 | Institute of Life Sciences (ILS), Bhubaneswar | DBT-Institute of Life Sciences , Campus-II (DBT-ILS) | Bio Incubation Centre | Khordha | ODISHA | 751021 | 20.3226 | 85.8016 | | 271564 | | 460 | 350 | 35 | Nil | 35 | S&T-Biotech |
| 7 | Central Water Commission (CWC) | Near Ram Chandi Nursing Home, Burla | O/o The Executive Engineer Mahanadi Division, Central Water Commission, Doctor's Colony, Burla, Sambalpur | Sambalpur | ODISHA | 768017 | 21.50663889 | 83.88308333 | Owned | 0 | 60 | 718.2 | 718.2 | 71.8 | 0 | 60 | JS-WR |
| Total Capacity | | | | | | | | | | | | | | | | 430 | |

Total no. of buildings 7

| West Bengal | | | | | | | | | | | | | | | | | |
|-------------|--|--|---------------|--------------------|-------------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES (SNB) | Block-JD, Sector-III, Salt Lake, Kolkata | Main Building | 24 Paraganas North | WEST BENGAL | 700106 | 22.5685 | 88.4154 | Leased | 568.47 | | 2619.44 | 1964.58 | 158 | 0 | 158 | S&T-Deptt of S & T |

| | | | | | | | | | | | | | | | | | |
|------------------------|---|--|---|--------------------|-------------|--------|-----------|-----------|--------|---------|------|---------|---------|-------|----|---------|--------------------|
| 2 | S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES (SNB) | Block-JD, Sector-III, Salt Lake, Kolkata | Guest House | 24 Paraganas North | WEST BENGAL | 700106 | 22.5685 | 88.4154 | Leased | 568.47 | 640 | 1345.37 | 1009.03 | 100 | 0 | 100 | S&T-Deptt of S & T |
| 3 | S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES (SNB) | Block-JD, Sector-III, Salt Lake, Kolkata | Radhachura | 24 Paraganas North | WEST BENGAL | 700106 | 22.5685 | 88.4154 | Leased | 568.47 | | 443.11 | 332.33 | 29 | 0 | 29 | S&T-Deptt of S & T |
| 4 | S.N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES (SNB) | Block-JD, Sector-III, Salt Lake, Kolkata | Bashundhara | 24 Paraganas North | WEST BENGAL | 700106 | 22.5685 | 88.4154 | Leased | 568.47 | | 1014.72 | 761.04 | 50.22 | 0 | 50.22 | S&T-Deptt of S & T |
| 5 | CSIR | CSIR IICB | Building 1,Building 2, Building 3, Building 4 428, Prince Anwar Shah Road | Kolkata | WEST BENGAL | 700045 | 22.5 | 88.36 | | 195000 | 70 | 1172 | 500 | 50 | 0 | 50 | S&T-CSIR |
| 6 | CSIR | CSIR IICB | Main Lab Building, Guest House, Staff Quarter, Substation, Gas Bank CN-6, Sector V, Salt Lake | Kolkata | WEST BENGAL | 700091 | 22.5 | 88.43 | | 1561142 | 500 | 2216 | 1000 | 100 | 0 | 100 | S&T-CSIR |
| 7 | CSIR | CSIR CGCRI | Main building roof, SGD Shed | Kolkata | WEST BENGAL | 700032 | 22.50387 | 88.37363 | | 2867299 | 1200 | 4350 | 4000 | 400 | 80 | 320 | S&T-CSIR |
| 8 | National Institute of Biomedical Genomics (NIBMG), Kalyani, West Bengal | Kalyani, West Bengal | Student Hostel (G+3) | Nadia | WEST BENGAL | 741251 | 23 | 89 | | 2273910 | 825 | 890 | 350 | 30 | 0 | 30 | S&T-Biotech |
| 9 | National Institute of Biomedical Genomics (NIBMG), Kalyani, West Bengal | Kalyani, West Bengal | Faculty Housing (G + 3) | Nadia | WEST BENGAL | 741251 | 23 | 89 | | 2273910 | | 550 | 344 | 30 | 0 | 30 | S&T-Biotech |
| 10 | Farakka Barrage Project (FBP) | Farakka Barrage Administrative Building | O/o the General Manager, Farakka Barrage Project, Administrative Building, P.O. Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 248026 | 879130 | Owned | 124000 | 120 | 2122 | 2000 | 120 | 0 | 120 | JS-WR |
| 11 | Farakka Barrage Project (FBP) | FBPHS School | Farakka Barrage Project Colony, P.O Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 248069017 | 879100258 | Owned | 64000 | 31 | 997 | 950 | 31 | 0 | 31 | JS-WR |
| 12 | Farakka Barrage Project (FBP) | VIP Guest House | Farakka Barrage Project Colony, P.O Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 24805985 | 87915373 | Owned | 37000 | 35 | 341 | 310 | 35 | 0 | 31 | JS-WR |
| 13 | Farakka Barrage Project (FBP) | Office Building No. 1 | Farakka Barrage Project Colony, P.O Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 24803015 | 87914547 | Owned | 16300 | 25 | 1393 | 1350 | 25 | 0 | 25 | JS-WR |
| 14 | Farakka Barrage Project (FBP) | Office Building No. 3 | Farakka Barrage Project Colony, P.O Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 24802184 | 87915095 | Owned | 17800 | 37 | 1393 | 1350 | 37 | 0 | 37 | JS-WR |
| 15 | Farakka Barrage Project (FBP) | Office Building No. 5 | Farakka Barrage Project Colony, P.O Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 2480223 | 87913732 | Owned | 41000 | 60 | 1393 | 1350 | 60 | 0 | 60 | JS-WR |
| 16 | Farakka Barrage Project (FBP) | Office Building No. 4 | Farakka Barrage Project Colony, P.O Farakka Barrage | Murshidabad | WEST BENGAL | 742212 | 24801680 | 87914141 | Owned | 5052 | 37 | 1393 | 1350 | 37 | 0 | 37 | JS-WR |
| 17 | Farakka Barrage Project (FBP) | Office Building No. 2 | Office Building No. 2 Farakka Barrage Project (FBP) | Murshidabad | WEST BENGAL | 742212 | 24802860 | 87915284 | Owned | 17800 | 37 | 1393 | 1300 | 37 | 0 | 37 | JS-WR |
| 18 | Zoological survey of India | Main Buidling | Zoological Survey of India, Prani Vighyan Bhawan, M Block, New Alipore | Kolkata | WEST BENGAL | 700053 | 22.51 | 88.33 | Owned | 695541 | 410 | 870 | 550 | 55 | 0 | 55 | MOE&FCC |
| 19 | Zoological survey of India | Annexe Buidling | Zoological Survey of India, Prani Vighyan Bhawan, M Block, New Alipore | Kolkata | WEST BENGAL | 700053 | 22.51 | 88.33 | Owned | | | 600 | 400 | 40 | 0 | 40 | MOE&FCC |
| 20 | Zoological survey of India | Office and Aquarium | MARC, Merine Aquarium cum Regional Center, Digba | Medinipur East | WEST BENGAL | 721428 | 21.36 | 87.3 | Owned | 70932 | 100 | 2500 | 2500 | 250 | 0 | 100 | MOE&FCC |
| 21 | Indian Council of Forestry Research & Education | Office Main Building | IWST KOLKATA | Kolkata | WEST BENGAL | 700061 | 22.48 | 88.29 | Owned | 17280 | 80 | 501.68 | 404.13 | 50 | 0 | 40.4 | MOE&FCC |
| 22 | Botanical Survey of India | Office building | Dr. Kanad Das Scientist-F & Head of Office Botanical Survey of India Central National Herbarium Howrah 711 103 West Bengal Email: hoo-cnh@bsi.gov.in; cnh@bsi.gov.in Telephone:033-26683235 | Howrah | WEST BENGAL | 711103 | 22.3323 | 88.1711 | Owned | 778110 | 200 | 1141 | 863 | 80 | 0 | 80 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 1560.62 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | 22 | |

| Sikkim | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------------|---------------|---|----------|--------|----------|------------|------------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Accessment (in KW) | Ministry / Department |
| 1 | National Museum of Natural History | RMNH Gangtok | Regional Museum of Natural History, Gangtok | Gangtok | SIKKIM | 737135 | 27.2796144 | 88.5933581 | Owned | 200000 | 500 | 2446.85 | 2000 | 290 | 0 | 200 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 200 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | 1 | |

| Bihar | | | | | | | | | | | | | | | | | |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Accessment (in KW) | Ministry / Department |
|------------------------|--------------------------------|------------------|--|----------|-------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| 1 | Central Water Commission (CWC) | BJP Party Office | Lower Ganga Basin Organisation, Patna Central Water Commission, LGBD, Patna, Amarnath Road, Adalatganj | Patna | BIHAR | 800001 | 25.608 | 85.131 | Owned | 15000 | 250 | 506 | 506 | 50.6 | 0 | 50.6 | JS-WR |
| 2 | Zoological survey of India | Office Building | GPRC, ZSI, B.H. Coony, Vijaynagar, Kankarbagh PATNA | Patna | BIHAR | 800026 | 25.5866 | 85.168 | Owned | 5000 | 50 | 800 | 700 | 70 | 0 | 50 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 100.6 | |
| Total no. of buildings | | | | | | | | | | | | | | | | | 2 |

| Jharkhand | | | | | | | | | | | | | | | | | |
|------------------------|---|-------------------------|--|----------|-----------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR CIMFR | Old Blasting Building,New Blasting Building, 500 T HTTM Building, 1000 T HTTM Building | Dhanbad | JHARKHAND | 826001 | 23.81 | 86.42 | | 854660 | 560 | 4940 | 4940 | 494 | 340 | 154 | S&T-CSIR |
| 2 | Heavy Engineering Corporation Limited (HEC) | HMBP Admin Building | HEAVY ENGINEERING CORPORATION LIMITED | Ranchi | JHARKHAND | 834004 | 23.29 | 85.29 | Owned | 1200000 | | 2160 | 1300 | 25 | 0 | 25 | Heavy Ind. |
| 3 | Indian Council of Forestry Research & Education | Old Building | IFP NH23, Gumla Road, Lalgutwa | Ranchi | JHARKHAND | 835303 | 23.3579 | 85.245 | Owned | 156000 | 75 | 950 | 700 | 50 | 0 | 50 | MOE&FCC |
| 4 | Indian Council of Forestry Research & Education | Administrative Building | IFP NH23, Gumla Road, Lalgutwa | Ranchi | JHARKHAND | 835303 | 23.3579 | 85.245 | Owned | | | 900 | 700 | 50 | 0 | 25 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 254 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | | 4 |

| Andra Pradesh | | | | | | | | | | | | | | | | | |
|------------------------|--|--|---|--------------------|----------------|----------|------------|-----------------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | Bharat Heavy Electricals Limited (BHEL) | Admin Building | BHEL-HPVP Natayapalem, BHPV POST,Vizag | Visakhapatnam | ANDHRA PRADESH | 530012 | 18 | 83 | Owned | 3658596 | 1400 | 1322 | 1210 | 300 | 0 | 121 | Heavy Ind. |
| Total Capacity | | | | | | | | | | | | | | | | 121 | |
| Total no. of buildings | | | | | | | | | | | | | | | | 1 | |
| Telengana | | | | | | | | | | | | | | | | | |
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR CCMB | CCMB Campus | MEDCHAL MALKAIGIRI | TELANGANA | 500007 | 17.42 | 78.54 | | 699815 | 1900 | 2536 | 1121 | 185 | 30 | 82.1 | S&T-CSIR |
| 2 | CSIR | CSIR CCMB | CRF Building | MEDCHAL MALKAIGIRI | TELANGANA | 500039 | 17.41 | 78.55 | | 127397 | 350 | 0 | 1219 | 164 | 0 | 121.9 | S&T-CSIR |
| 3 | CSIR | CSIR CCMB | LaCONES Building | MEDCHAL MALKAIGIRI | TELANGANA | 500048 | 17.36 | 78.43 | | 40808 | 201 | 0 | 818 | 110 | 0 | 81.8 | S&T-CSIR |
| 4 | CSIR | CSIR CCMB | BRIT building | MEDCHAL MALKAIGIRI | TELANGANA | 500048 | 17.36 | 78.43 | | 40808 | | 392 | 274 | 45 | 0 | 27.4 | S&T-CSIR |
| 5 | CSIR | CSIR IICT | Centralized Analytical Building & Zaheer Memorial High School | Hyderabad | TELANGANA | 500007 | 17.42 | 78.53 | | 8640000 | 2500 | 4860 | 4860 | 520 | 370 | 150 | S&T-CSIR |
| 6 | CSIR | CSIR NGRI | Transport Section Garage, Community Hall, Dispensary | MEDCHAL MALKAIGIRI | TELANGANA | 500007 | 17.41 | 78.55 | | 141486.42 | 564.14 | 5525 | 4550 | 455 | 350 | 105 | S&T-CSIR |
| 7 | National Institute of Animal Biotechnology (NIAB), Hyderabad | NIAB, Hyderabad | Large Animal Farms Survey No. 37/4 Opp. Journalist Colony, Near 'Q' city road, Gowildoddy, Gachibowli, Hyderaba | RANGA REDDY | TELANGANA | 500032 | 17 | 78 | | 218604 | | 2500 | 2160 | 290 | 50 | 166 | S&T-Biotech |
| 8 | Bharat Heavy Electricals Limited (BHEL) | Works canteen | BHEL HPEP BHEL Hyderabad, Ramachandrapuram | SANGAREDDY | TELANGANA | 502032 | 17.5194 | 78.3074 | Owned | 25116000 | 11000 | 1000 | 900 | 150 | 0 | 90 | Heavy Ind. |
| 9 | Cement Corporation of India Limited (CCI) | Residential | Tandur Cement Factory | VIKARABAD | TELANGANA | 501158 | 17.302771 | 77.4759334 | Leased | 78880700 | | 4220.74 | 3000 | 600 | 0 | 300 | Heavy Ind. |
| 10 | HMT Limited(HMT) | MTH General Administration Building | HMT Machine Tools Limited, Hyderabad HMT Township (P.O.), Narsapur Road, Hyderabad. | TELANGANA | 500072 | 17 | 78 | Conveyance Deed | 1525120 | 1500 | 578 | 578 | 1000 | 0 | 57.8 | Heavy Ind. | |
| 11 | HMT Limited(HMT) | MTH Technical Administration Building | HMT Machine Tools Limited, Hyderabad HMT Township (P.O.), Narsapur Road, Hyderabad. | | 500072 | 17 | 78 | Conveyance Deed | 1525120 | | 2718 | 2718 | | | 271.8 | Heavy Ind. | |
| 12 | HMT Limited(HMT) | MTH Canteen | HMT Machine Tools Limited, Hyderabad HMT Township (P.O.), Narsapur Road, Hyderabad. | | 500072 | 17 | 78 | Conveyance Deed | 1525120 | | 1588 | 1588 | | | 158.8 | Heavy Ind. | |
| 13 | HMT Limited(HMT) | MTH Old Filament | HMT Machine Tools Limited, Hyderabad HMT Township (P.O.), Narsapur Road, Hyderabad. | | 500072 | 17 | 78 | Conveyance Deed | 1525120 | | 1587 | 1587 | | | 158.7 | Heavy Ind. | |
| 14 | Central Water Commission (CWC) | A.C Gaurds, Beside kyun Hyundai Showroom | Central Water Commission 11-4-648 Krishna Godavari Bhavan, CWC, A.C Gaurds | Hyderabad | TELANGANA | 500004 | 17.402 | 78.4602 | Owned | 250000 | 225 | 1022 | 1022 | 102.2 | 0 | 102.2 | JS-WR |
| 15 | Zoological survey of India | FBRC Office Building | Plot No.366/1, Near O/o DFO Flying Squad, PVNR Express way Pillar No 162, Hyderguda FBRC, Freshwater Biology Regional Centre, Hyderabad | RANGA REDDY | TELANGANA | 500048 | 17.3563 | 78.4287 | Owned | 1500 | 50 | 1500 | 500 | 50 | 0 | 50 | MOE&FCC |
| 16 | Indian Council of Forestry Research & Education | Main Building | IFB Dulapally, Hyderabad | MEDCHAL MALKAIGIRI | TELANGANA | 500100 | 17.5549167 | 78.44486111 | Owned | 102684 | 57 | 1724 | 900 | 57 | 0 | 57 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 1980.5 | |
| Total no. of buildings | | | | | | | | | | | | | | | | 16 | |
| Karnataka | | | | | | | | | | | | | | | | | |
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR CFTRI | FED, Technology Block, MFT, FPIC, SRP Block, FS&AQCL, Biochemistry & FMBCT | MYSURU | KARNATAKA | 570020 | 12.32 | 76.64 | | 1738000 | 860 | 8657 | 8657 | 0 | 660 | 200 | S&T-CSIR |
| 2 | CSIR | CSIR NAL | CCFP, APMF Model shop, PI check facility, 1.2m tunnel, HSCTF | BENGALURU URBAN | KARNATAKA | 560037 | 12.945883 | 77.667629 | | 6430848 | 6000 | 26882 | 10910 | 1091 | 380 | 711 | S&T-CSIR |
| 3 | Central Manufacturing Technology Institute(CMTI) | Administration block | CMTI Tumkur road , Bengaluru | BENGALURU URBAN | KARNATAKA | 560022 | 13 | 78 | Owned | 1979000 | | 1800 | 800 | 200 | 0 | 80 | Heavy Ind. |
| 4 | Central Manufacturing Technology Institute(CMTI) | SVTC | CMTI Tumkur road , Bengaluru | BENGALURU URBAN | KARNATAKA | 560022 | 13 | 78 | Owned | 1979000 | | 600 | 450 | 110 | 0 | 45 | Heavy Ind. |

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|------------------------|--|---------------------------------------|--|-----------------|-----------|---------|-------------|-------------|-------|---------|------|--------|--------|------|-----|---------|------------|
| 5 | Central Manufacturing Technology Institute(CMTI) | ASMP | CMTI Tumkur road , Bengaluru | BENGALURU URBAN | KARNATAKA | 560022 | 13 | 78 | Owned | 1979000 | 1300 | 800 | 600 | 200 | 0 | 60 | Heavy Ind. |
| 6 | Central Manufacturing Technology Institute(CMTI) | NMTC | CMTI Tumkur road , Bengaluru | BENGALURU URBAN | KARNATAKA | 560022 | 13 | 78 | Owned | 1979000 | | 4950 | 2000 | 500 | 0 | 200 | Heavy Ind. |
| 7 | Central Manufacturing Technology Institute(CMTI) | AEAMT | CMTI Tumkur road , Bengaluru | BENGALURU URBAN | KARNATAKA | 560022 | 13 | 78 | Owned | 1979000 | | 2900 | 1000 | 300 | 0 | 100 | Heavy Ind. |
| 8 | Bharat Heavy Electricals Limited (BHEL) | SPV PRODUCTION | BHEL-SBD SPV Production, BHEL,SBD, PROF CNR RAO CIRCLE, OPP. INDIAN INSTITUTE OF SCIENCE, MALLESWARAM | BENGALURU URBAN | KARNATAKA | 560 012 | 13.01267169 | 77.56157009 | Owned | 120000 | 900 | 4050 | 4050 | 900 | 0 | 405 | Heavy Ind. |
| 9 | Bharat Heavy Electricals Limited (BHEL) | New Production Building | BHEL-ESD ESD, Plot no 98, Electronics City, Ph-1 | BENGALURU URBAN | KARNATAKA | 560100 | 12.502656 | 77.403493 | Owned | 2184192 | 1250 | 4752 | 3500 | 300 | 250 | 50 | Heavy Ind. |
| 10 | Bharat Heavy Electricals Limited (BHEL) | SBD building | BHEL-ESD ESD, Plot no 98, Electronics City, Ph-1 | BENGALURU URBAN | KARNATAKA | 560100 | 12.502656 | 77.403493 | Owned | 2184192 | | 570 | 450 | 50 | 0 | 45 | Heavy Ind. |
| 11 | HMT Limited(HMT) | HMT BHAVAN | HMT LIMITED CHO No.59,BELLARY ROAD | | KARNATAKA | 560032 | 13 | 78 | Owned | 298 | 350 | 1737.5 | 1737.5 | 200 | NIL | 173.75 | Heavy Ind. |
| 12 | HMT Limited(HMT) | HMT ABD Building | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560013 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051365 | | 1406 | 1406 | 700 | NIL | 140.6 | Heavy Ind. |
| 13 | HMT Limited(HMT) | HMT Executive Club | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560014 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051365 | | 1200 | 1200 | | | 120 | Heavy Ind. |
| 14 | HMT Limited(HMT) | HMT New Transit House | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560015 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051366 | | 418 | 418 | | | 41.8 | Heavy Ind. |
| 15 | HMT Limited(HMT) | HMT Club Annex | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560016 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051367 | | 418 | 418 | | | 41.8 | Heavy Ind. |
| 16 | HMT Limited(HMT) | HMT Hospital | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560017 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051368 | 800 | 1864 | 1864 | | | 186.4 | Heavy Ind. |
| 17 | HMT Limited(HMT) | Uco Bank | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560018 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051369 | | 361 | 361 | | | 36.1 | Heavy Ind. |
| 18 | HMT Limited(HMT) | HMT Sports club | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560019 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051370 | | 700 | 700 | | | 70 | Heavy Ind. |
| 19 | HMT Limited(HMT) | Quarters M-2 and M-3 | HMT Limited, ABD HMT Limited, ABD HMT Township, Jalahalli, Bangalore-560020 | | KARNATAKA | 560013 | 13 | 77 | Owned | 1051371 | | 570 | 570 | | | 57 | Heavy Ind. |
| 20 | HMT Limited(HMT) | MBX Town Admn. Building (CNC) | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 824 | 742 | 588 | 0 | 74.2 | Heavy Ind. |
| 21 | HMT Limited(HMT) | MBX Technical Administration Building | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 744 | 670 | | | 67 | Heavy Ind. |
| 22 | HMT Limited(HMT) | MBX Factory Administration Building | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 659 | 593 | | | 59.3 | Heavy Ind. |
| 23 | HMT Limited(HMT) | MTB Canteen | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 2112 | 1901 | | | 190.1 | Heavy Ind. |
| 24 | HMT Limited(HMT) | MBX Training Centre | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | 2520 | 1656 | 1490 | | | 149 | Heavy Ind. |
| 25 | HMT Limited(HMT) | MBX Technical Information Centre | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 463 | 417 | | | 41.7 | Heavy Ind. |
| 26 | HMT Limited(HMT) | Power House / Ele. Sub station | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 393 | 354 | | | 35.4 | Heavy Ind. |
| 27 | HMT Limited(HMT) | MBX Administration Building (DCB) | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 480 | 432 | | | 43.2 | Heavy Ind. |
| 28 | HMT Limited(HMT) | MBX HR & Computer | HMT Machine Tools Limited, Bangalore Jalahalli Post, Bangalore Complex, Bangalore - 560 013 | | KARNATAKA | 560013 | 12 | 77 | Owned | 5448300 | | 502 | 452 | | | 45.2 | Heavy Ind. |
| 29 | Central Water Commission (CWC) | Jalasoudha | O/o The Executive Engineer Central Water Commission,Cauvery Division, Bengaluru, Ground Floor, Jalasoudha | BENGALURU URBAN | KARNATAKA | 560013 | 13.04972222 | 77.54166667 | Owned | 66315 | 30 | 625 | 625 | 62.5 | 0 | 30 | JS-WR |
| 30 | Indian Council of Forestry Research & Education | Work shop & Library building & AWTC | IWST, 18th Cross, Malleshwaram | BENGALURU URBAN | KARNATAKA | 560003 | 13.012217 | 77.569973 | Owned | | | 887 | 532 | 53 | 0 | 53 | MOE&FCC |
| 31 | Indian Council of Forestry Research & Education | Guest house | IWST, 18th Cross, Malleshwaram | BENGALURU URBAN | KARNATAKA | 560003 | 13.012217 | 77.569973 | Owned | | | 1895 | 1137 | 114 | 0 | 114 | MOE&FCC |
| 32 | National Museum of Natural History | RMNH, Mysore | Regional Museum Of Natural History, Mysore Regional Museum Of Natural History, T. NARASIPURA ROAD, SIDDHARTHANAGAR MYSORE-570011 | MYSURU | KARNATAKA | 570011 | 12.181264 | 76.401605 | Owned | 11232 | 125 | 2000 | 1000 | 0 | 0 | 100 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 3765.55 | |
| Total no. of Buildings | | | | | | | | | | | | | | | | 32 | |

| Kerala | | | | | | | | | | | | | | | | | |
|---------|-------------------|----------------|--|-----------|--------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Accessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR NIO Kochi | Main Building Dr. Salim Ali Road, Post Box no. 1913, Kochi | Ernakulam | KERALA | 628018 | 10.5377 | 76.2777 | | 179684 | 76 | 882 | 480 | 80 | 0 | 48 | S&T-CSIR |

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|----------------|--|---------------------------------------|--|--------------------|--------|--------|-----------|------------|-------|---------|-------|---------|---------|---------|---|----------|-------------|
| 2 | Rajiv Gandhi Centre for Biotechnology (RGCB), Kerala | Akkulam, Thiruvananthapuram | Research Block RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY, BIC Campus, Akkulam Thiruvananthapuram | Thiruvananthapuram | KERALA | 695014 | 9 | 77 | | 193537 | 518 | 360.79 | 324.71 | 64.94 | 0 | 32.471 | S&T-Biotech |
| 3 | Instrumentation Limited, Palakkad(I) | Guest House | Instrumentation limited Palakkad Guest House Kanjikode west PO, Palakkad, Kerala | Palakkad | KERALA | 678623 | 11 | 77 | Owned | 857870 | 400 | 450 | 400 | 40 | 0 | 40 | Heavy Ind. |
| 4 | Fluid Control Research Institute (FCRI), Palakkad | FCRI PSL Building | Fluid Control Research Institute Kanjikode West | Palakkad | KERALA | 678623 | 10 | 76 | Owned | 500000 | 600 | 300 | 300 | 30 | 0 | 30 | Heavy Ind. |
| 5 | HMT Limited(HMT) | MTK General Administration Building | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | 12306 | 676 | 676 | 2000 | 0 | 67.6 | Heavy Ind. |
| 6 | HMT Limited(HMT) | MTK Technical Administration Building | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | | 2535 | 2535 | | | 25.35 | Heavy Ind. |
| 7 | HMT Limited(HMT) | MTK Printing Machine Division | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | | 480 | 480 | | | 48 | Heavy Ind. |
| 8 | HMT Limited(HMT) | MTK Training Centre | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | | 1530 | 630 | | | 63 | Heavy Ind. |
| 9 | HMT Limited(HMT) | MTK Plant and Service building | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | | 1650 | 1650 | | | 165 | Heavy Ind. |
| 10 | HMT Limited(HMT) | MTK Canteen | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | | 2342 | 2342 | | | 234.2 | Heavy Ind. |
| 11 | HMT Limited(HMT) | MTK Staff Club | HMT Machine Tools Limited, Kalamassery HMT Colony P.O, Kalamassery | Ernakulam | KERALA | 683503 | 10 | 76 | Owned | 2506638 | | 661 | 661 | | | 66.1 | Heavy Ind. |
| 12 | Central Water Commission (CWC) | Near CMFRI Quartus | Executive Engineer, Jaladhara Complex D. No. 27/1927-A Kasturba Nagar, Kavadantra P.O, Kochi | Ernakulam | KERALA | 682020 | 9.9488251 | 76.2971648 | Owned | 36000 | 52 | 439.755 | 439.755 | 43.9755 | 0 | 43.9755 | JS-WR |
| Total Capacity | | | | | | | | | | | | | | | | 863.6965 | |

Total no. of buildings

12

| Tamil Nadu | | | | | | | | | | | | | | | | | |
|------------|--|--|--|-------------|------------|----------|------------|------------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
| 1 | CSIR | CSIR CLRI | COSTED | Chennai | TAMIL NADU | 600020 | 13.007865 | 80.241831 | | 162297 | 800 | 345 | 300 | 30 | 0 | 30 | S&T-CSIR |
| 2 | CSIR | CSIR CLRI | CARE- Museum | Chennai | TAMIL NADU | 600020 | 13.007865 | 80.241831 | | 162297 | | 590 | 550 | 55 | 0 | 55 | S&T-CSIR |
| 3 | CSIR | CSIR CLRI | Substation | Chennai | TAMIL NADU | 600020 | 13.007865 | 80.241831 | | 162297 | | 395 | 250 | 25 | 0 | 25 | S&T-CSIR |
| 4 | CSIR | CSIR CLRI | Skill Building | Chennai | TAMIL NADU | 600020 | 13.007865 | 80.241831 | | 162297 | | 1290 | 1200 | 120 | 0 | 120 | S&T-CSIR |
| 5 | CSIR | CSIR CLRI | Workshop Building | Chennai | TAMIL NADU | 600020 | 13.007865 | 80.241831 | | 162297 | | 1150 | 1000 | 100 | 0 | 100 | S&T-CSIR |
| 6 | NATRIIP(NAB) | Reception | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 453 | 400 | 28 | 0 | 28 | Heavy Ind. |
| 7 | NATRIIP(NAB) | Headquarters | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 2461 | 2176 | 152.32 | 0 | 152.32 | Heavy Ind. |
| 8 | NATRIIP(NAB) | Canteen | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 960 | 900 | 63 | 0 | 63 | Heavy Ind. |
| 9 | NATRIIP(NAB) | Infotronics | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 4319 | 4000 | 280 | 0 | 280 | Heavy Ind. |
| 10 | NATRIIP(NAB) | EMC | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 4730 | 4500 | 315 | 0 | 315 | Heavy Ind. |
| 11 | NATRIIP(NAB) | Fatigue | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 2200 | 2200 | 154 | 0 | 154 | Heavy Ind. |
| 12 | NATRIIP(NAB) | APSL | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 24590 | 24000 | 1680 | 0 | 1680 | Heavy Ind. |
| 13 | NATRIIP(NAB) | Airbag Lab | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 561 | 500 | 35 | 0 | 35 | Heavy Ind. |
| 14 | NATRIIP(NAB) | Cert Lab | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 612 | 600 | 42 | 0 | 42 | Heavy Ind. |
| 15 | NATRIIP(NAB) | General Pump House | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 784 | 700 | 49 | 0 | 49 | Heavy Ind. |
| 16 | NATRIIP(NAB) | Client Workshop | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 892 | 697 | 48.79 | 0 | 48.79 | Heavy Ind. |
| 17 | NATRIIP(NAB) | Recycling Demo Unit | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 1039 | 1000 | 70 | 0 | 70 | Heavy Ind. |
| 18 | NATRIIP(NAB) | Vehicle Preparation Shed | Global Automotive Research Centre, Plot E-1, SIPCOT Industrial Growth Centre, Oragadam | Kanchipuram | TAMIL NADU | 602105 | 13 | 80 | Owned | 26400000 | | 825 | 800 | 56 | 0 | 56 | Heavy Ind. |
| 19 | Central Water Commission (CWC) | Sangamam Complex Building, CWC, Coimbatore | Executive Engineer, SRD, CWC, Coimbatore Sangamam Complex Building, Cental Water Commission, Gandhimanagar Peelamedu | Coimbatore | TAMIL NADU | 641004 | 11.049 | 77 | Owned | 7000 | 52 | 429.04 | 429.04 | 42.904 | 0 | 42.904 | JS-WR |
| 20 | Zoological survey of India | Office Building | MBRC & SRC, Marine Biology Regional Centre & Southern Regional Center, Chennai | Chennai | TAMIL NADU | 600028 | 13.0247306 | 80.2741418 | Owned | 141515 | 130 | 810 | 756 | 76 | 0 | 76 | MOE&FCC |
| 21 | Indian Council of Forestry Research & Education | Office Building | IFGTB Cowley Brown Road, R.S. Puram, Coimbatore, Coimbatore | Coimbatore | TAMIL NADU | 641002 | 11.017538 | 76.951315 | Owned | 640800 | 247 | 3100 | 2500 | 250 | 0 | 247 | MOE&FCC |
| 22 | Directorate of Forest Education, | Vana Vigyan | CASFOS, Central Academy for State Forest Service, P.B. No. 1130, RS Puram Coimbatore | Coimbatore | TAMIL NADU | 641002 | 11.01874 | 76.93989 | Leased | 115651 | | 1500 | 950 | 60 | 0 | 60 | MOE&FCC |
| 23 | Directorate of Forest Education, | Executive Hostel | CASFOS, Central Academy for State Forest Service, P.B. No. 1130, RS Puram Coimbatore | Coimbatore | TAMIL NADU | 641002 | 11.01874 | 76.93989 | Leased | | | 660 | 430 | 40 | 0 | 40 | MOE&FCC |
| 24 | Directorate of Forest Education, Dehradun | Chandan Hostel | CASFOS, Central Academy for State Forest Service, P.B. No. 1130, RS Puram Coimbatore | Coimbatore | TAMIL NADU | 641002 | 11.01874 | 76.93989 | Leased | | | 1140 | 800 | 45 | 0 | 45 | MOE&FCC |
| 25 | Salim Ali Centre for Ornithology and Natural History, Coimbatore | Main Office | Anaikatty Post, Coimbatore, TN-641108 South India Centre of WII | Coimbatore | TAMIL NADU | 641108 | 11.092952 | 76.7869297 | Owned | 125000 | 1500 | 1196.32 | 500 | 1000 | Nil | 50 | MOE&FCC |
| 26 | Salim Ali Centre for Ornithology and Natural History, Coimbatore | Library | Anaikatty Post, Coimbatore, TN-641108 South India Centre of WII | Coimbatore | TAMIL NADU | 641108 | 11.092952 | 76.7869297 | Owned | | | 894.19 | 350 | 500 | Nil | 35 | MOE&FCC |
| 27 | Salim Ali Centre for Ornithology and Natural History, Coimbatore | Eco and Wetland Library | Anaikatty Post, Coimbatore, TN-641108 South India Centre of WII | Coimbatore | TAMIL NADU | 641108 | 11.092952 | 76.7869297 | Owned | | | 884.6 | 350 | 500 | Nil | 35 | MOE&FCC |
| 28 | Salim Ali Centre for Ornithology and Natural History, Coimbatore | avian Forensic and GIS Lab | Anaikatty Post, Coimbatore, TN-641108 South India Centre of WII | Coimbatore | TAMIL NADU | 641108 | 11.092952 | 76.7869297 | Owned | | | 407.65 | 350 | 1000 | Nil | 35 | MOE&FCC |
| | | | | | | | | | | | | | | | Total Capacity | 3969.014 | |

Arunachal Pradesh

| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
|----------------|----------------------------|----------------------|---|------------|-------------------|----------|-----------|-----------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| 1 | Zoological survey of India | ZSI Quarters complex | APRC, Arunachal Pradesh Regional Centre, Itanagar | Papum Pare | ARUNACHAL PRADESH | 791113 | 27.076158 | 93.598194 | Owned | | | 825.9 | 600 | 60 | 0 | 60 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 60 | |

Total no. of buildings 1

Assam

| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
|----------------|---|--|---|--------------|-------|----------|------------|-----------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| 1 | CSIR | CSIR NEIST | STINER Shed - 1,2,3, ARDD Bldg., Social Activity Centre, Nursery School, Staff Club, Library, Bha | Jorhat | ASSAM | 785006 | 26.75694 | 94.24376 | | 2400000 | 616 | 12000 | 10000 | 1000 | 480 | 136 | S&T-CSIR |
| 2 | Central Water Commission (CWC) | CWC Complex, Behind Adabari Bus Stand Guwahati | Middle Brahmaputra Division CWC | Kamrup Metro | ASSAM | 781126 | 26.16 | 91.68 | Owned | 69500 | 165 | 250 | 250 | 25 | | 25 | JS-WR |
| 3 | Brahmaputra Board | PHYSICAL MODEL TRAY-I | NBHARI, BRAHMAPUTRA BOARD OFFICE COMPLEX RUDRESWAR, GUWAHATI | Kamrup | ASSAM | 781030 | 22.2210774 | 91.719144 | Owned | 62785.61 | 150 | 13000 | 7800 | 100 | 0 | 100 | JS-WR |
| 4 | Indian Council of Forestry Research & Education | Field lab | RFRI Deovan campus, Sotal | Jorhat | ASSAM | 785010 | 26.7825 | 94.29494 | Owned | | | 840 | 830 | 29 | 0 | 29 | MOE&FCC |
| 5 | Indian Council of Forestry Research & Education | Scientist Hostel | RFRI Deovan campus, Sotal | Jorhat | ASSAM | 785010 | 26.7825 | 94.29494 | Owned | | | 336 | 325 | 26 | 0 | 26 | MOE&FCC |
| 6 | Directorate of Forest Education, | Main Academy Building | CASFOS, Burnihat Central Academy for State Forest Service, 13th Mile, GS Road | Kamrup | ASSAM | 793101 | 26.0711 | 91.8744 | Owned | 312500 | 250 | 3500 | 3500 | 350 | 0 | 250 | MOE&FCC |
| 7 | Tool Room & Training Centre, Guwahati | Tool Room & Training Centre, Guwahati | Training Block | Kamrup | ASSAM | 781031 | 26.183 | 91.677 | | | | 500 | 300 | 51 | | 30 | MSME |
| 8 | Tool Room & Training Centre, Guwahati | Tool Room & Training Centre, Guwahati | Knowledge Centre | Kamrup | ASSAM | 781031 | 26.183 | 91.677 | | | | 450 | 300 | 50 | | 30 | MSME |
| Total Capacity | | | | | | | | | | | | | | | | 626 | |

Total no. of Buildings 8

Mizoram

| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area(in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
|----------------|---|-----------------|-------------------------------------|----------|---------|----------|----------|-----------|-----------|----------------------------------|--------------------|-------------------------|-------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| 1 | Indian Council of Forestry Research & Education | Office Building | ICFRE-Bamboo & Rattan Centre Aizawl | AIZAWL | MIZORAM | 796008 | 23.73 | 92 | Owned | 224640 | 212.5 | 929 | 929 | 92.9 | 0 | 92.9 | MOE&FCC |
| 2 | Indian Council of Forestry Research & Education | Farmers' Hostel | ICFRE-Bamboo & Rattan Centre Aizawl | AIZAWL | MIZORAM | 796008 | 23.73 | 92 | Owned | | | 596 | 596 | 59.6 | 0 | 59.6 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 152.5 | |

No. of Buildings 2

Total no. of Buildings 2

Meghalaya

| Sl. No. | Organization Name | Building Name | Office | District | State | Pin Code | Latitude | Longitude | Ownership | Average Energy Consumption (kWh) | Sanction Load (KW) | Rooftop Area (in SQ. M) | Feasible Area RTS (in SQ. M) | Feasible Capacity RTS | Installed Capacity | NHPC Assessment (in KW) | Ministry / Department |
|----------------|--|-----------------------------------|--|------------------|-----------|----------|-----------|-----------|-----------|----------------------------------|--------------------|-------------------------|------------------------------|-----------------------|--------------------|-------------------------|-----------------------|
| 1 | North East Centre for Technology Application and Reach | SOI Campus, Barik Point, Shillong | Admin and Technical Block | East Khasi Hills | MEGHALAYA | 793001 | 253356.59 | 91531.46 | Leased | 2072.68 | 75 | 568 | 378.4 | 60.54 | 0.5 | 37.34 | S&T-Deptt of S & T |
| 2 | Zoological survey of India | NERC, ZSI Office Building | NERC, North Eastern Regional Centre Risa, Colony, Shillong | East Khasi Hills | MEGHALAYA | 793003 | 25.561944 | 91.894722 | Owned | 48000 | 155 | 800 | 550 | 55 | 0 | 55 | MOE&FCC |
| 3 | Integrated Regional Office-ROHQ | N/A | Lumbatngen (Law-U-Sib), Shillong | East Khasi Hills | MEGHALAYA | 793021 | 25.56265 | 91.91385 | Owned | 650 | 57 | 744 | 700 | 57 | 0 | 57 | MOE&FCC |
| Total Capacity | | | | | | | | | | | | | | | | 149.34 | |

Total no. of Buildings 3

TOTAL ESTIMATED CAPACITY 24217.83

TOTAL ESTIMATED BUILDINGS 245

Annexure-B of IFB

| Sl. No | Allocated Ministry | | Nodal Officers | Contact details |
|--------|---|---|---|---|
| 1 | Ministry of Environment, Forests & Climate Change | | Sh Rakesh Sharma Director | Email id : rakesh.sharma67@nic.in Ph. No: 011-20819335 |
| 2 | Ministry of Heavy Industries and Public Enterprises | | Shri Aditya Kumar Ghosh Deputy Secretary | Email id : aditya.ghosh@gov.in Ph. No: 011-23063923 |
| 3 | Ministry of Jal Shakti | Department of Water Resources, River Development and Ganga Rejuvenation | Ashish Kumar Sao Under Secretary | Email id : usga-mowr@nic.in Ph. No: 011-23710303 |
| 4 | Ministry of Law and Justice | Department of Legal Affairs | Shri D.K. Singh, CCA | Email id : dhruvakumar.1973@gov.in Ph. No: 011- 23384446 |
| 5 | Ministry of Micro, Small & Medium Enterprises | | Smt. C.V Sharda DEPUTY SECRETARY | Email id : vs.chikkala@nic.in Ph. No: 011-23063290 |
| 6 | Ministry of Science and Technology | Department of Science and Technology | P K Trivedi SO-Cordination | Email id : coordination-dst@gov.in Ph. No: 011-26590321 |
| | | Department of Scientific and Industrial Research | Atul Kumar Goel Chief Engineer | Email id : chief.engineer@csirhrdg.res.in Ph. No: 011-25847347 |
| | | Department of Bio-Technology | Shri Parveen sharma Deputy Secretary | Email id : parveen.s@nic.in Ph. No: 011-24262426 |