

**BHARAT HEAVY ELECTRICALS LIMITED**

CORPORATE RESEARCH & DEVELOPMENT DIVISION

VIKASNAGAR, HYDERABAD - 500 042, INDIA

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Ref: 652600571

ENQUIRY

Date 18-07-2026

Enquiry for Supply of Solar PV Modules

Enquiry No:652600571 **Enquiry Date : 18-07-2026** **Due Date: 28-07-2026** **Indicative Delivery Date : 30-09-2026**

Sl.No	Item Description	Unit	Qty
1	Solar PV Module-625Wp	NO	350

Please submit your offer before due date and time as indicated in tender.

Sl.No	Description	Document Ref.
01	Enquiry, PQC, General Terms & Conditions, Commercial Terms & Conditions etc.	Volume - 1
02	Technical specifications, Scope of Supply etc.	Volume - 2

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PRE QUALIFYING CRITERIA(PQC)

Volume - 1
Enquiry No
652600571

Supply of Solar PV Modules

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Pre-Qualification Criteria	The vendor/bidder should submit at least ONE purchase order copy received for Supply of Solar PV Modules in last five years from the date of enquiry.	
2			
3			
4			
	Relaxation of Norms for Startups	The condition of Prior Turnover and prior experience is relaxed for all startups whether Micro & Small Enterprises(MSEs) or otherwise subject to meeting of quality and technical specifications in accordance with the relevant provision of GFR,2005 and other DOE-PPD notifications for relaxation norms for startups issued from time to time.	

Signature of the bidder with Seal & Date



GENERAL TERMS & CONDITIONS (GTC)

Volume - 1
Enquiry No
652600571

Supply of Solar PV Modules

SL.No.	Clause	BHEL REQUIREMENT
1	Preferences to MSEs	The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government. 25% of the tendered quantity is earmarked for MSE suppliers in this tender. Out of the 25% tendered quantity reserved for MSE suppliers, 6.25% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs. Also 3% shall be earmarked for procurement from MSE owned by women. The definition of MSEs owned by women Entrepreneurs is clarified as under: i. In case of proprietary MSE, Proprietor shall be woman ii. In case of partnership MSE, the women partners shall be holding at least 51% share in the unit. iii. In case of private limited companies, at least 51% shall be held by Women Promoters. (Such enterprise will have to submit relevant document for proof of women ownership during offer submission) In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM, II) or valid NSIC certificate or EM II certificate with due validity or Udyog Aadhar Number along with attested copy of a CA certificate (where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. In case any improper / lack of documents is there vendor on their own interest may submit all the relevant documents as stated above, before tender opening. No benefit shall be applicable for this enquiry if any deficiencies in the above required documents are not submitted before tender opening. Documents should be notarized or attested by a Gazetted officer for consideration of MSE certificate. " Such Micro/Small Enterprises registered vendors must state the sub-category to which they belong and submit documentary proof

		for the same. The sub-categories: (a) Enterprises owned by Scheduled Castes. (b) Enterprises owned by Scheduled Tribes. (c) Enterprises owned by other than above two categories The enterprises under (a) & (b) means the proprietor in case of single owned firm and all partners in case of partnership firm and all directors in case of private/public limited must belong to SC/ST category (Such enterprise will have to submit relevant document for proof of SC/ST category during offer submission) (Note: vendor need to go through General note Of tender condition also for any special instruction & deviation from above.) If more than one valid MSE supplier stands with in rage of L1+15% range, 25% of quantity will be shared till quantity split is feasible & rest of 25% will be awarded to lowest quote of valid MSE supplier.
2	Offer submission (E-procurement)	a. This tender is hosted in E-procurement portal (EPS) and offer to be submitted through EPS portal only. Bidders are requested to submit 2 parts bid offer before due date & time of the enquiry through NIC (https://eprocurebhel.co.in) only. b. Sealed cover bids/E-mails/Fax/Manual offers will not be accepted. c. Offer is to be submitted in Two-part bids system (Technical bid + Price bid) in the e-procurement portal only. d. Scanned copy of the filled Annexures, Tender documents etc., shall be uploaded in the EPS portal. e. At its option, BHEL may consider extending the due date/s for the tender openings. Sufficient notice would be given by BHEL for such extensions and it will be published as corrigendum in following websites: https://eprocurebhel.co.in https://www.bhel.com/tender f. Authorization for participation in EPS portal through DSC: e-tender. participation requirements: vendor shall register their Digital signature certificate (DSC) (Class 3-SHA2-2048 BIT signing and encryption). Suppliers are advised to go through the FAQ available in the web portal. DSC shall be registered for the authorized person and all transaction done using that DSC against our tenders shall be taken as valid communication and shall be binding on vendor and is valid legally.
3	Details required with offer	Following documents to be submitted by Bidders along with offer: a. PAN Number b. GSTIN Registration Status c. Name of the Contact Person d. Contact Phone / Mobile e. Email id for correspondence f. Address with PIN code and State
4	GST Clause	1) Taxes and duties to be governed by GST acts. Strict adherence to new provisions by the vendors like timely submission of invoices, tax payment, filing of returns-GSTR-I etc. will form

base of new regime for release of payment from BHEL. Hence, any financial loss occurred due to non-compliance of the GST provisions would be endured at defaulter's end.

2) In case GST credit is delayed/ denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of time line prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.

3) In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied/leviable on BHEL.

4) Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter / Intra state movement Supply of goods and services or both. d) Taxes and duties prevalent on the contractual delivery date or the actual delivery date (in case of delay) whichever is lower shall be applicable paid. Composition Scheme to be addressed.

5) Vendor shall note that the Invoice has to be raised quoting HSN Code of Goods or Accounting Code of Services or both wherever applicable.

6) Invoice should mention GSTIN of BHEL R&D as mentioned in PO/LO Corporate R&D GST Registration numbers: GST compliant invoice shall mention the GST registration number of Corporate R&D: 36AAACB4146P1ZG

7) Supplier shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.

8) A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged.

9) Wherever E-invoice is applicable, the tax invoice/CN/DN submitted by the vendor must contain the QR code generated in E-invoice portal & IRN

10) Vendor shall inform HSN/SAC code and the breakup of the applicable tariff/taxes (CGST/SGST/IGST/UGST) based on from and to locations with individual components in part 1 bid.

5

Force Majeure clause

If at any time during the continuance of the contract the performance in whole or in part by either party of any obligations under the contract is prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events) and notice of happening of any such events is given by either party to other within twenty one days from the date of occurrence thereof then neither party shall by reason of such events be entitled to terminate the contract. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason of occurrence of such events, then claims for extension of time shall

		be granted for period considered reasonable by the purchaser subject to prompt notification by the seller to the purchaser the particulars of the events, if required with supporting evidence. Any waiver of time in respect of partial instalment shall not be deemed to be a waiver of time in respect of remaining deliveries
6	Firm Prices	The prices shall be firm for entire period of contract.
7	Restrictions under rule 144 (xi) of the GFR	Submit the Annexure (provided along with enquiry documents) in your company letter head
8	BREACH OF CONTRACT, REMEDIES AND TERMINATION	In case of breach of contract, BHEL reserve the right to terminate the Purchase Order/ Contract either in whole or in part thereof without compensation to the vendor. In case of Breach of Contract, BHEL shall recover 10% amount of the contract value from the vendor in following manners: (i) Forfeiture/ encashment of Security instruments (Performance security, EMD etc.) available against the said contract. (ii) In case the value of security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the vendor, retention amount etc. with BHEL R & D or any other units of BHEL. (iii) Demand notice for deposit of balance recovery amount shall sent to the vendor, if security instruments or financial remedies are insufficient to affect the complete recovery. (iv) In case recovery is not possible from security instruments or from financial remedies mentioned above, legal remedies shall be pursued. This is without prejudice to any other action as may be deemed fit by BHEL. BHEL reserve right to recover damages on account of levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc as per provisions of the contract.
9	LAWS GOVERNING THE CONTRACT	The Order/Contract shall be exacted and governed by the laws of India and the Court at Hyderabad alone shall have jurisdiction in respect of any matter arising under or in connection with the Order/Contract.
10	CONCILIATION CLAUSE FOR CONDUCTING CONCILIATION PROCEEDINGS UNDER THE BHEL CONCILIATION CLAUSE	The Parties agree that if at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which terms shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract or the Memorandum of Understanding, penalty deduction, time extension), which the Parties are unable to settle mutually, arise inter-se the Parties, the same may be referred by either Party to Conciliation to be conducted through Independent Experts Committee to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators. The proceedings of Conciliation shall broadly be governed by Part III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in Procedure in BHEL Conciliation scheme.
11	ARBITRATION (WITH SOLE ARBITRATOR)	Except as provided elsewhere in this contract, in case amicable settlement is not reached between the parties, in respect of any dispute or difference; arising out of the formation, breach, termination, penalty deduction, validity or execution of the

		Contract; time extension, or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the contract, then, either party may, by a notice in writing to the other party refer such dispute or difference to the sole arbitration. Sole arbitrator to be appointed by Head of Unit-BHEL R & D. The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause, the seat of arbitration shall be at Hyderabad. The cost of arbitration shall be borne as per the award of the Arbitrator. Subject to the arbitration in terms of Clause above, the Courts at Hyderabad, Telangana State shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract. Notwithstanding the existence or any dispute or differences and/or references for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract
12	ARBITRATION FOR CONTRACT WITH PUBLIC SECTOR ENTERPRISE (PSE) OR A GOVERNMENT DEPARTMENT	In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract (s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/ Organisations (excluding disputes Relating to Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No.05/0003/2019-FTS-10937 dated 14th December, 2022 and the decision of AMRCD on the said dispute will be binding on both the parties
13	Preference to Make in India	For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Non local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT
14	MSE VENDOR DECLARATION	Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer. Type under MSE SC/ST Owned Women Owned Others (excluding SC/ST & Women Owned) Micro

		Small Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.
15	Late Tenders	Tenders received after due date/time(12:00hrs) will not be considered
16	Descurrency in words and figures	(a) If, in the price structure quoted for the required goods/ Services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly. (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c). If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above. (d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
17	Two Part bid clarifications	In the case of Two-part bid, the vendor should furnish technical and commercial clarifications, if any, within stipulated time mentioned, failing which, it will be construed that the vendor is not interested in the tender and BHEL shall not consider the offer for further evaluation.
18	Price bid evaluation	All offers in price bid opening or reverse auction shall be evaluated in Indian currency based on unit price, packing & forwarding, taxes/duties, freight charges if any, exchange rate. Loading due to non-acceptance of our standard commercial terms will be evaluated as per the LOADING FACTORS form as enclosed along with the enquiry. The exchange rate declared by State Bank of India under TT Selling rate on the technical bid open date shall be adopted for evaluating foreign currency bids.
19	Packing	The supplier shall be responsible for the goods being properly and adequately packed so as to prevent any loss, damage or deterioration during transit.
20	Banned List	The offers of the bidders who are in the banned list and the offers of the bidders who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com. Guidelines for suspension of business dealings with suppliers/contractors are available on www.bhel.com under supplier registration page
21	Over All L1	Order will be placed on overall L1 basis. Vendors should quote for all items, otherwise the offer will be rejected.

22	Additional Information	Suppliers are requested to visit our web site regularly for any updates and additional information, "All corrigenda, addenda, amendments, time extensions clarifications, etc. to the tender will be hosted on BHEL website only". The corrigendum will not be published in news paper.
23	Fraud Prevention Policy	The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.
24	Signing & Stamping	Documents of BHEL's all Terms and conditions submitted with the offer shall be signed and stamped in each page of authorized representative of the bidder

Documents submitted with the offer shall be signed and stamped in each page of authorized representative of the bidder

Read and agreed for all the above general terms and conditions

Signature of the bidder with Seal & Date



COMMERCIAL TERMS & CONDITIONS (CTC)

Volume - 1
Enquiry No
652600571

Supply of Solar PV Modules

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Reverse Auction	BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened Start price for RA to be L1 of e-bid/ sealed envelope price bids. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking. Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to ❖ REVERSE AUCTION PROCEDURE ❖ i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties). 1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate. 2. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on-line bidding on internet. 3. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained. 4. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance. 5. Bidders have to submit the	

Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.

6. In line with the NIT terms, BHEL will provide the calculation sheet (e.g. EXCEL sheet) which will help to arrive at ♦Total Cost to BHEL♦ like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.

7. Reverse auction will be conducted on scheduled date & time.

8. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.

9. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VI) as provided on case-to-case basis to Service provider within two working days of Auction without fail.

10. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL standard practice.

11. Bidders shall be required to read the ♦Terms and Conditions♦ section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the ♦Business Rules of Reverse Auction, which will be communicated before the Reverse Auction.

12. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind,

		directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted. 13. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party. 14. In case RA is opted in a tender, the techno-commercially qualified H-1 will not be allowed to participate in RA. In case more than one H-1 bidder quote the same rate, the Price Offer received last, as per the time log of the Portal, shall be removed first, on the principle of last in, first out by the system. However, H-1 will be allowed to participate in RA in the following cases: a) If number of techno-commercially qualified bidders are only 2 or 3. b) In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1 . c) For cases where there are more than 3 techno-commercially qualified bidders, if lowest bidder in sealed price bid is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of NonMSE lowest bidder. d) For cases where there are more than 3 techno-commercially qualified bidders, if lowest bidder in sealed price bid is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of NonMII lowest bidder.	
2	Validity of Offer	90 days from date of techno-commercial bid opening.	

Note : All the clauses of the above format should be filled and submitted with the Techno Commercial Bid (Part-1). The filled in BHEL Commercial terms & Conditions format submitted with technical bid, responding to all the clauses duly signed with seal **only shall be considered**. Any other Commercial terms & conditions of bidders entered else where in their offer shall not be considered and are liable for rejection.

Read and understood the above commercial terms and conditions

Signature of the bidder with Seal & Date



OTHER TERMS & CONDITIONS

Volume - 1
Enquiry No
652600571

Supply of Solar PV Modules

SL.No.	Clause	BHEL REQUIREMENT	SUPPLIERS ACCEPTANCE / REMARKS
1	Payment term	100% basic payment by NEFT/RTGS shall be made within the stipulated days as mentioned below from the date of receipt of material, subject to acceptance at BHEL Corporate R&D Vikasnagar, Hyderabad against submission of GST-compliant Invoice. Type of bidder: (A) For Micro & Small enterprises (MSEs) payment will be made within 45 days (B) For Medium Enterprises will be made within 60 days (C) Non MSMEs will be made within 90 days However, GST Portion of Invoice shall be released only upon: i) vendor declaring the Invoice in their GSTR-1. ii) Receipt of Goods and Tax Invoice by BHEL. iii) Confirmation of Payment of GST thereon by vendor on GSTN.	
2	Price Basis	Bidders shall quote the lowest prices on 'free delivery at BHEL R&D Stores or F.O.R destination' basis only.	
3	Applicable Taxes and Duties	Applicable Taxes/Duties shall be clearly indicated in Percentage (%)	
4	Destination	BHEL Corp. R&D, Vikasnagar, Balangar Hyderabad - 500042	
5	Late delivery penalty clause	Failure to supply the goods and/or failure to carryout the services within the stipulated delivery date/time will attract a penalty of 0.5% per week or part there of for the value of undelivered portion of the purchase order subject to a maximum of 10% of the total order value. In case of non acceptance of this LD clause, 10% of basic order value/material cost will be loaded on the quoted prices while cost comparison (Please refer the enclosed 'Loading Factors' sheet).	
6	Treatment of cases Regarding conflict of Interest	Bidder should submit the undertaking (Annexure - B) printed on your company letter head with signature and stamp. Annexure - B format is	

		provided along with this enquiry/bid document.	
7	Invoice registration and documents upload in SUVIDHA portal	For supply orders placed on Indian Suppliers: Irrespective of the value of the invoice amount, the bidder /vendor / Supplier should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at https://suvidha.bhel.in/suvidha/, prior to despatch. All documents as per PO check list, along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and upto Rs 5 lakhs, in case they were not digitally signed and uploaded on the portal. The material will not be accepted inside BHEL in absence of the above.	
8	Invoice Settlement for MSME Suppliers:	“In respect of procurement of goods or services from Micro, Small and Medium enterprises (MSMEs), the settlement of invoice shall be only through TReDS platforms authorised by the Reserve Bank of India. Presently BHEL Corp. R&D is registered with the following TReDS platforms: RXIL, M1xchange and Invoicemart. Such MSME suppliers to select their preferred TReDS platform before award of contract. They also will have the option to change the TReDS platform from the drop-down menu on Suvidha portal of BHEL, at the time of invoice submission. The routing of invoices through the TReDS platform shall not be construed as mandating discounting of such invoices and the MSME suppliers shall have the option to avail or not avail financing or discounting of its receivables on the TReDS platform. In case discounting is not availed by MSME supplier on TReDS, the trade receivables will be paid through TReDS as per the payment timelines indicated in the contract.”	

9	Grievance Redress mechanism	al	To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company. Suppliers/Contractors are requested to follow the below escalation process for grievance resolution: 1. First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract. 2. Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: https://suvidha.bhel.in/suvidha/ . Responses will be provided in accordance with the defined escalation matrix.”	
10	Warranty		The vendor/bidder should provide warranty of minimum 10 year product warranty against manufacturing defects from the date of acceptance at BHEL R&D. (Note: This clause will supersede the warranty clause mentioned in General Specification clause.G.2)	
11	Item Divisibility		Quantity of Item is non-divisible.	

Signature of the bidder with Seal & Date



ITEM SPECIFICATIONS

Volume - 2
Enquiry NO
652600571

Supply of Solar PV Modules

SL.No.	Item		
1	Solar PV Module-625Wp		
	sl no	Descriptions	BHEL Specifications
	Vendor Specifications/ Deviations		
	1	Wattage of Module	625Wp
	2	Cell Type / Technology	Monocrystalline Silicon (Mono PERC or N-type TOPCon) and Class 'A'
	3	Design	Bifacial, Dual-Glass of High Transmission and Tempered with Anodized Aluminum Alloy Frame
	4	Junction Box	3 Split and IP67 / IP 68
	5	Cable	Standard / 4 Sq. mm Cable with Length: Min.300mm or above (Positive and Negative)
	6	Connector	MC4 / MC4 compatible
	7	Applicable Standards	1. Performance & Design: IEC 61215 / IS 14286. 2. Safety Qualification: IEC 61730-1 (Construction) and IEC 61730-2 (Testing). 3. Energy Rating/Performance: IEC 61853-Part I / IS 16170-Part I. 4. Environmental Resistance: PID (Potential Induced Degradation) compliant as per IEC 62804, alongside Salt Mist (IEC 61701) and Ammonia Resistance (IEC 62716).
	8	Traceability & Labelling Requirements	1. Traceability: Detailed serial numbers and manufacturing years for both cells and modules must be laminated under the glass. 2. RFID Tags: Embedded inside the module lamination containing the

			manufacturer details, cell manufacturer, peak wattage, unique serial number and I-V curve parameters.	
	9	Dimensions	Approximately 2382x1133x(30-35)mm (Tolerances: ± 2 mm for lxb & ± 1 mm for h)	
G	General Specifications			
	sl no	Descriptions	BHEL Specifications	Vendor Specifications/ Deviations
	1	Delivery Period	Supply of Solar PV Modules at BHEL R&D Stores shall be within 10 weeks from the date of PO.	
	2	Warranty	The vendor/bidder should provide warranty of minimum 10 year product warranty against manufacturing defects.	

* Vendors are advised to write specifications in detail and not to write like 'Complied/ Yes / No ' etc. in specifications.

Signature of the bidder with Seal & Date

LOADING FACTORS



NOTE : IN CASE OF DEVIATION TO BHEL TENDER SPECIFIED TERMS, LOADING FACTOR INDICATED IN FOLLOWING TABLE WILL BE APPLIED TO QUOTED PRICE WHILE EVALUATING THE LOWEST QUOTE

A. LOADING FACTOR FOR PAYMENT TERMS		
SLNO	COMMERCIAL TERMS	LOADING FACTOR ON ACCEPTABLE DEVIATIONS
A	Payment Terms (As per tender)	Any deviation from BHEL payment terms, if accepted (by BHEL), shall be loaded @ "Repo rate+4%" for the period of relaxation sought by the bidder, for the purpose of bid evaluation.
B. PENALTY FOR DELAYED DELIVERY		
SLNO	COMMERCIAL TERMS	LOADING FACTOR ON ACCEPTABLE DEVIATIONS
B	LD Clause (As per tender)	Incase of deviations to the BHEL LD clause, loading is applicable to the extent to which not agreed by bidder.

AUTHORISATION LETTER FOR E-PAYMENT/ NEFT / RTGS

(PLEASE FILL UP THE FORM COMPLETELY IN CAPITAL LETTERS ON YOUR COMPANY LETTERHEAD ONLY)

Vendor Code (to be filled by BHEL)	
------------------------------------	--

Type of Request (Tick one)	NEW	CHANGE
1 Company Name		
2 Address		
3 City with PIN Code		
4 State		
5 PAN Number		
6 TIN/ VAT No.		
7 CST No.		
8 Service Tax No.		
9 Name of Contact Person		
10 Mobile number		
11 Ph. no. with STD Code		
12 Fax No. with STD Code		
13 Email ID		
14 Website (URL)		

BANK DETAILS FOR EFT / RTGS

1	Bank Name	
2	Branch	
3	Branch Code	
4	Branch Address	
5	Branch Phone No	
6	Account No.	
7	Account Type: SB/ Current/ other (Specify)	
8	MICR Code	
9	IFSC Code	

I, as an authorized representative / owner of the above named company, hereby state as under:

1. Enclosed here with a cancelled cheque in support of our company's bank details.
2. Authorize BHEL R&D Hyderabad, to electronically make payments to the designated bank account with bank charges, if any, to our account.
3. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL / transferring Bank responsible.
4. I hereby certify that the particulars given above are true, complete and correct.
5. This authority remains in full force until BHEL receives and acknowledge written notification requesting change or cancellation.

Date :
Company
Seal

Authorised Signatory
Designation :



RD:MPX-F-13

Bharat Heavy Electricals Limited

Corp. R&D DIVISION

VIKAS NAGAR,

HYDERABAD- 500 042 (INDIA)

VENDOR REGISTRATION FORM

(Indigenous supplier)

[FORM TO BE SUBMITTED* BY THE BIDDER ALONG WITH TECHNICAL-BID]

Before filling, please refer to instructions on page-4

1.0 VENDOR PROFILE:

1.1 Name and address of the vendor:

Phone Nos.:

Fax No.:

Email: 1. 2.

1.2 Local representative name & address in Hyderabad/Secundrabad :

Phone Nos.:

Fax No.:

Email:

Contact Person:

Mobile No:

2.0 TYPE OF ORGANISATION:

PROPRIETORSHIP	Company:	Sister Concern (mention vendor registration number of main organization)	
Partnership	CORPORATION	Small Scale Industry	ANY OTHER(Please specify)

In case of SSI unit, copy of registration to be enclosed. It is requested that MSME registration certificate to be enclosed and tick the following:

Type of Major Activity: Manufacturing / Service

Category of Enterprise: Micro / Small / Medium

Social Category : GENERAL / SC / ST / OBC

Udyog Adhaar Number (UAN): _____

3.0 ANNUAL TURN OVER:

#	Year	Turn-Over, Rs.
1	Current Year(budgeted)	
2	Previous year (200 - 0)	
3	Prior Year (200 - 0)	

4.0 NAME AND ADDRESS OF THE BANKER:

4.1 Bank Name

4.2 Branch name

4.3 Account number

4.4 Account Type

4.5 MICR Code:

4.6 IFSC Code(RTGS/NEFT):

4.7 Bank Phone number(s),

Blank cheque, duly cancelled, to be enclosed.

Please note that all payments shall be made through Electronic clearance services to your above account against the orders executed, if any.

5.0 REGISTRATION PARTICULARS(relevant copies to be enclosed)

5.1 IT Permanent Account No.(PAN):

5.2 State Sales Tax/VAT Registration No:

5.3 Central Sales Tax Registration No:

5.4 ED Registration No:

5.5 Service Tax Registration No:

5.6 PF Account No:

5.7 Labour Licence No:

5.8 ESI Account No:

6.0 CONTACT PERSON: S/Sri:

Designation:

Phone / Mobile No:

7.0 TOTAL NUMBER OF EMPLOYEES:

Graduates(Engr/Scientists/Mgmt/Fin.)	Consultants	Workers		
		Sup./Skilled	Semiskilled	Unskilled

8.0 LIST OF PRODUCTS/ SERVICES OFFERED:

#	Products/ Services	Capacity
1		
2		
3		

4		
5		

9.0 REFERENCE LIST :

(Only recognized public and private sector companies, attach if printed copy available)

#	Customer	Volume / Year
1		
2		
3		
4		
5		

10.0 INFRASTRUCTURE / FACILITIES:

#	Facility (with specifications)	Age/ Year procured
1		
2		
3		
4		
5		

11.0 REGISTRATION WITH OTHER BHEL UNIT/UNITS:

#	Unit	Registration No	Year
1			
2			
3			
4			

12.0 ANY OTHER INFORMATION :

DECLARATION:

The information furnished above is true and authentic.

(CEO / PROPRIETOR)

SEAL:

DATE:

Note:

1. Registered bidders, having BHEL (R&D) registration no. or have submitted this format for registration, need not furnish this information again.
2. The competent authority reserves the right to accept or reject the registration.
3. Vendors approved for registration will be informed by mail / email, as convenient. A separate communication will be sent in case of non-registration also, citing reasons thereof.
4. BHEL reserves the right to take penal action as deemed fit if any of the information provided by the vendor(s) is found to be incorrect.
5. AGM, Head (MM) may be contacted for clarification/additional information on registration.

Instructions

1. Fill all items. Please mention “N.A.” for items/ clauses not applicable.
2. Use A4 sheets for this document and the enclosures. Use of additional sheets is permitted if space provided is not adequate.
3. Attach copies of latest documents in respect of items 5.0 (Registration no.s)
4. Photographs of registered office and the chief executive/proprietor shall be furnished.

ANNEXURE : A

(Compliance to be submitted on the **Bidder's Letterhead**)
(as applicable)

Sub: Compliance to Government of India order OM No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 regarding restrictions under **Rule 144 (XI) of the General Financial Rules (GFRs), 2017**

BHEL enquiry ref:	
Our quotation ref:	

We, The Bidder have read and understood the contents of the office Memorandum & the Order (Public Procurement No. 1) both bearing no. F.No.6/18/2019/PPD of 23rd July 2020 issued by Ministry of Finance, Government of India on insertion of Rule 144 (Xi) in the General Financial Rules (GFRs) 2017 and the amendments & clarifications thereto, regarding restrictions on availing/procurement of goods and services, of any Bidder from a country which shares a land border with India and/or sub-contracting to contractors from such countries.

“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority (strikeout whichever is not applicable). I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]”.

(Note: Non-compliance of above said GoI Order and its subsequent amendment, (if any), by any bidder(s) shall lead for commercial rejection of their bids by BHEL).

For and behalf of _____ (Name of the bidder)

Date :

(Signature, date & seal of authorized signatory of the bidder)

ANNEXURE : B

Treatment of cases regarding conflict of interest

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii Procurement of goods directly from the manufacturers/suppliers shall be preferred. However, if the OEM/Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

For and behalf of -----(Name of the bidder)

(Signature, date & seal of authorized signatory of the bidder)

ANNEXURE-: C

MAKE IN INDIA (MII) CERTIFICATE

CERTIFICATE

In line with Govt of India's latest OM (PPP MII order issued by DPIIT vide OM No. P-45021/2/2017-PP (BE-II) Part (4) Vol.II dated 19.07.2024), we hereby certify that we,

M/s._____ are local supplier meeting the requirement of minimum Local content as defined in above orders for the material against Enquiry for **“Characterization test platform for Fuel cell stack module”** against Enquiry/Bid No. _____ **DTD** _____.

The Total Value of local content addition/manufacturing for offered material/item(s)/service is as per below declaration: Accordingly, we declare to be _____ (Class-I/Class-II/Non-Local) Supplier with local content of _____ percentage.

Details of location at which local value addition done is as follows:

In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rule for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Authorized Signatory