

Tender No. : 21000110-HB-10155



Tender Published On : 25-Jul-2021 14:27

Hindustan Petroleum Corporation Limited  
Corporate Identification Number L23201MH1952GOI008858

Basic Information Of Tender		
Title	Solar Module+Hybrid Inverter	
Description	Solar Module Hybrid Inverter	
Tender Type	Limited	
Tender Scope	Domestic	
Bid Type	Two Bid	
Evaluation Criteria	Overall L1 for all items	
Tender Due Date & Time	06-Aug-2021 15:00	
Reverse Auction Applicable	No	
Pre Bid Conference Start Date & Time		
Pre Bid Conference End Date & Time		
Queries Start Date & Time	24-Jul-2021 18:00	
Queries End Date & Time	04-Aug-2021 15:00	
Un Priced Bid Open Date & Time	06-Aug-2021 15:05	
Purchase Deptt.	PURCHASE DEPT-CORPORATE R&D-BENGALURU	
TF/EMD Drop Box Address	DGM - Materials, HINDUSTAN PETROLEUM CORPORATION LIMITED, HP Green RnD Centre, Tarabnahalli, Devanagonthi, Bangalore - 560067. Tel 080 - 28078570	
Tender Description		
Notice Inviting Tender		
Currency Type	Tender Fee	EMD
INR	0	0

**Delivery Terms - Free to Destination location unless specified otherwise. Validity of offer - 90 days from the initial or extended Due Date for submission of Tender whichever is later unless specified otherwise. Liquidated Damages/Price Reduction clause accepted unless specified otherwise.**

**In case bidder does not deviate from the standard offer validity in on line deviation form, bid's offer validity shall be considered as mentioned above.**

**In case a Revised priced bid is initiated for this tender, at a later date (eg Technical evaluation stage etc), it shall be incumbent upon the bidder to submit revised bids for the specified items/entire tender. In the absence of revised bids from the bidder within specified time period, the original bid submitted by the bidder shall not be considered for evaluation.**

**Organization reserves the right to reveal the contents of the bid documents submitted by the vendor during the witness bid opening process as per prevailing policy of the corporation.**

**Please quote all the taxes, if applicable, only in percentage terms and not in Per unit(Amount) basis. The Per unit option is provided only to quote for extras like Loading charges, packing charges, TPI charges etc. In case, it is found that you have quoted taxes in amount basis, your bid may be liable for rejection.**



Line Details Of Tender							
Srl. No.	Line Description	Ship To Location	UOM	Quantity	HSN Code	Location GSTIN	Mandatory
Items				Manadatory: Yes			
1	SOLAR PV MODULE	10155-CORPORATE R&D-BENGALURU	Each	1		29AAACH1118B1Z8	Yes
DESCRIPTION => PART NAME:SOLAR PV MODULE; PART MATERIAL:N/A; PART SIZE:N/A; PART RATING:5.5 ± 0.3 KWP; PART NUMBER:N/A; MANUFACTURER:N/A; MODEL:N/A; OFF-GRID AND HYBRID ROOFTOP SOLAR PV POWER GENERATING SYSTEM WITH HYBRID INVERTER AND ACCESSORIES, SOLAR PV MODULES ARRAY WITH INVERTER CONSISTING OF HIGH EFFICIENCY SOLAR MODULES UTILIZING MONO CRYSTALLINE (PERC) TYPE SOLAR PV CELLS WITH MINIMUM 18 PERCENT EFFICIENCY. THIS IS PROPOSED TO HAVE CAPABILITY IN SUPPORTING AC LOADS AND SHOULD ALSO POWER GRID AT TIMES OF REQUIREMENTS. NANOTECHNOLOGY, ALLOWABLE ANNUAL DEGRADATION FOR FIRST YEAR SHALL BE MAXIMUM 2.5 PERCENT (INCLUDING LIGHT INDUCED DEGRADATION AND 0.7 PERCENT ANNUAL DEGRADATION). ALLOWABLE ANNUAL DEGRADATION FOR SECOND YEAR ONWARDS SHALL BE MAXIMUM 0.7 PERCENT. ROOFTOP SOLAR PV WITH HYBRID INVERTOR							



## Vendor Details

Sl.No.	Description	Attached File	Set Value	Supporting Doc. Req'd
1	Name of the Company		-	No
2	Complete Mailing Address of the Company		-	No
3	Quotation Ref and Date		-	No
4	Name of the Authorised Signatory / Concerned Contact Person for the tender		-	No
5	E-Mail ID of the Authorised Signatory / Concerned Contact Person for the tender (Please note that system does not allow to enter "@". Hence, please type "AT" instead of "@") & Alternate E-Mail ID / IDs		-	No
6	Mobile Number & Tele Phone numbers of the Authorised Signatory / Concerned Contact Person for the tender		-	No
7	Internet Web Site Address (URL) of the Vendor		-	No
8	Banned or Delisted or Blacklisted: Confirm whether you are banned or delisted or blacklisted or holiday listed by any Government or Quasi Government agencies or PSUs. Submit declaration as attached in the tender enquiry (Yes/NO)		-	No
9	MSE Registration: Confirm your are registered as MSE as per the provisions of MSE Act In case you are registered with MSE, please upload the documents duly certified by auditor as specified in tender. (Yes/NO)		-	Allowed
10	RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA: Vendor undertaking submitted as per the declaration attached to tender enquiry (Yes/No)		-	Allowed
11	BID SECURITY DECLARATION: Vendor to submit declaration as mentioned in the tender enquiry (Yes/No)		-	Allowed

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<b>Tender Terms and Conditions</b>				
Sl.No.	Description	Attached File	Set Value	Supporting Doc. Req'd
1	Tender Terms and Conditions	Tender Terms and Conditions.pdf	-	No
2	appendix	Tender Appendix Updated.pdf	-	No



## ABBREVIATIONS:

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Abbreviations used hereinafter:

HPCL -&gt; Hindustan Petroleum Corporation Limited

RFQ -&gt; Request for Quotation (also referred as Tender Enquiry)

PO -&gt; Purchase Order

LOA -&gt; Letter of Acceptance

Vendor -&gt; Bidder/Supplier/Seller/Shipper/Agency/Tenderer/

## 1.0 IMPORTANT NOTES:

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1.1. The Vendor shall necessarily quote for items with scope, specifications and all other terms & conditions exactly as stated in HPCL's Tender Enquiry, **WITHOUT ANY DEVIATIONS**, failing which the offer shall be liable for REJECTION.

1.1.1 Vendor to submit the following declarations mandatorily along with the bid as per the format attached with the tender document.

- a) Banned or Delisted or Blacklisted
- b) Bid Security declaration
- c) Land border sharing

**Non submission of the above declarations, vendors offer shall be liable for REJECTION.**

1.2. All documents including the scope, technical specifications, Schedule of quantities, General terms and Conditions, Drawings etc. (if any) that form part of the tender document available in the e-procurement portal shall be construed to be accepted by the bidder in totality unless specifically mentioned in the Deviation form in the Technical responses.

1.2.1. For Supply: HPCL's "General terms and conditions for supply" (GTC) shall be applicable.

**I. BID SECURITY DECLARATION:**

Bidder need to provide the Bid Security declaration as per the format attached with the tender.

**II. PERFORMANCE SECURITY (PERFORMANCE GUARANTEE):**

Performance Guarantee is applicable to this tender as per HPCL General Terms and Conditions attached herewith. However, it is to be noted that 3% (Three Percent) of the PO / contract value is applicable in place of 10%. All other terms of guarantee as per HPCL General Terms and Conditions shall remain unchanged

## 1.3. SCOPE OF JOB:

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1.4.1. Vendor scope shall include, but not limited to, carrying out the jobs / activities for successful supply, installation, interconnection, testing and commissioning of the Solar module+Hybrid inverter at HPCL Green R&D Centre, Bengaluru as per technical specification & terms and conditions mentioned in attachments of this tender.



## 1.4. DELIVERY SCHEDULE:

- =====
- 1.4.1. The Material should be delivered at the earliest possible, but not later than 08 weeks from the date of issue of PO/LOA, whichever is earlier.
- 1.4.2. For Indian vendors: The date of the receipt of material at HPCL R&D warehouse/Lab, Bangalore shall be reckoned as the date that the material has been delivered by the Vendor. Transit Insurance is in vendor's scope.

**Delivery Address: -**

HP GREEN R&D CENTRE,  
KIADB Industrial Area | Tarabanahalli | Near Devanagonthi Railway Station  
Hoskote Taluk | Bengaluru – 560 067 | Karnataka | India

## 1.5. PRICE REDUCTION CLAUSE:

- =====
- 1.6.1 Applicable as per HPCL's "General Terms and Conditions for Supply".

## 1.6. PERFORMANCE SECURITY (PERFORMANCE GUARANTEE):

- =====
- 1.6.1. The supplies made against this order shall be fully guaranteed against any manufacturing defects/poor workmanship/inferior quality etc. for a period of 24 months from the date of Successful Installation and commissioning or 30 months from the date of supply, whichever is earlier.
- 1.6.2. During this period, you will arrange to repair/replace any defective parts free of cost or replace complete set if required. Guarantee Certificate should be submitted along with dispatch documents. You will furnish **Performance Bank Guarantee** in favour of HPCL from the list of banks whose bank guarantees are acceptable to the Corporation (list enclosed in tender appendix) or through e-payment and valid during the above guarantee period.
- 1.6.3. Performance Bank Guarantee must be as per HPCL's format (Format Enclosed to this tender).

**Note:** PBG shall be submitted in the same currency in which the order is released. Default currency indicated in PBG format is INR (Rs.), the same shall be changed to currency in which the order will be released. (for details refer Annexure - A attached to tender enquiry)

All foreign BGs, issued by a bank located outside India, are to be confirmed by a list of banks whose bank guarantees are acceptable to the Corporation (list enclosed Annexure - A) located in India.

## 1.7. PAYMENT TERMS:

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- 1.7.1. 90% of the total order value will be paid after receipt of the materials on submission of Performance Bank Guarantee 3% of order value.
- 1.7.2. 10% will be paid after successful completion of installation, commissioning & training.



Above Specified all the Milestone payment shall be done through Wire Transfer method within 15 days after receipt of Goods/Materials, Original tax Invoice and all other relevant original documents at HPCL Green R&D Centre, Bangalore. However, the final bill payment will not exceed 30 days.

### 3.0. CONTACT PERSONS (USER DEPARTMENT) FOR TECHNICAL QUERIES:

Mr. Krishnamurthy Narayanan | Mr. Binitha G  
Chief Manager - Rand D | Senior Officer-Nanotechnology  
Bangalore - 560 067 | Karnataka | India  
Tel: 080- 28078594 | +919847478950  
E-Mail: [knarayanan@hpcl.in](mailto:knarayanan@hpcl.in) | [binitha.g@hpcl.in](mailto:binitha.g@hpcl.in)

### 4.0. FOR COMMERCIAL QUERIES:

Mr. Sekhar D B; DGM – Materials  
Mr. K Pradeep Kumar; Sr. Manager – Materials  
Mr. Sharma Kaushik, Manager Purchase  
Tel: (080) 2807 8570 | 8572 | 8573 | 8683  
E-Mail: [dbsekhar@hpcl.in](mailto:dbsekhar@hpcl.in) | [Pradeepkkondaka@hpcl.in](mailto:Pradeepkkondaka@hpcl.in) | [kaushiksharma@hpcl.in](mailto:kaushiksharma@hpcl.in)

**IN CASE OF ANY TECHNICAL /COMMERCIAL QUERIES, THE SAME SHOULD BE SOUGHT THROUGH THE “QUERIES / MESSAGES” APPLICATION IN THE E-PROCUREMENT SITE ONLY. (Manual for raising queries available in “Help” application (point e) after logging into the website)**

### For Indian Bidders// Items quoted in INR:

- i. The Rate(s) quoted shall be firm and inclusive of all extras like Packing, Forwarding, Freight, etc. but EXCLUDING GST.
- ii. Vendor need to quote GST (in the form of SGST, CGST or IGST as applicable) in percentage separately under “Tax n Extras” in e-Proc website which shall be paid extra at actuals as applicable.
- iii. It may be noted HPCL is registered with the Government of India in the Department of Scientific and Industrial Research and entitled for 5% concessional GST for research items / purchases of equipment, consumables and other supplies used for R&D purposes.
- iv. HPCL shall seek clarification with regards to applicable GST in case vendors quote GST differently.
- v. Vendor should not quote the rates INCLUSIVE of GST and shall quote GST separately as EXTRA as stated above. Incase offers received INCLUSIVE of GST, offer shall be liable for REJECTION and HPCL decision shall be final in this case.
- i. For other details, refer respective clauses of HPCL's “General Terms and Conditions for Supply”. The tendered item is non-divisible
- vi. Transit insurance shall be in the vendor's scope

**5.0. PRICED BID/HOW TO QUOTE -- ONLINE ONLY:****Tenderer shall quote as follows:**

- i. Please quote lumpsum rate in the corresponding fields of this e-tender considering all specifications and terms & conditions mentioned in the Tender enquiry.
- ii. Please note that the Priced Bid should contain only rates and should not contain any conditions or deviations.
- iii. Order shall be placed on overall Lowest basis.

**Planning and Designing in purview of Vulnerability Atlas of India**

Vulnerability Atlas of India (VAI) 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 the various stakeholders 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 urban housing, buildings and infrastructures schemes, this Atlas provides 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](http://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 with Annual rainfall normal
- vii. District wise Probable Max. Precipitation

All other terms and conditions as per HPCL's "General Terms and Conditions for Supply".





**Refer Annexure - A attached to tender enquiry for OTHER TERMS AND  
CONDITIONS**

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