

Tender No. : 21000028-HB-13010



Tender Published On : 11-Nov-2021 14:42

Hindustan Petroleum Corporation Limited
Corporate Identification Number L23201MH1952GOI008858

Basic Information Of Tender		
Title	2 KWP Hybrid Solar Power Plant	
Description	Supply and Installation of 2 KW Solar Plant at Srinagar ASF	
Tender Type	Limited	
Tender Scope	Domestic	
Bid Type	Two Bid	
Evaluation Criteria	Overall L1 for all items	
Tender Due Date & Time	23-Nov-2021 15:00	
Reverse Auction Applicable	No	
Pre Bid Conference Start Date & Time		
Pre Bid Conference End Date & Time		
Queries Start Date & Time	11-Nov-2021 15:00	
Queries End Date & Time	13-Nov-2021 15:00	
Un Priced Bid Open Date & Time	23-Nov-2021 16:15	
Purchase Deptt.	PURCHASE DEPT- AVIATION SBU	
TF/EMD Drop Box Address	Hindustan Petroleum Corporation Ltd. Hindustan Bhawan , Shoorji vallabhdas Marg,Mumbai 400020.	
Tender Description	This tender is floated for supply and installation of 2 KW solar Power plant at srinagar ASF.	
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
Solar Power plant				Mandatory: Yes			
1	SOLAR SYS,SOLAR POWER PLANT	13128-SRINAGAR ASF	Each	1		01AAACH1118B1ZQ	Yes
<p>DESCRIPTION => SOLAR SYSTEM; TYPE:HYBRID SOLAR POWER PLANT; MANUFACTURER:ADANI/LUMINOUS/VIKRAM/LANCO; ADDITIONAL INFORMATION:RATING:2 KWP, 1000 VDC; PCU-02KW/24V/1-PHASE. BATTERY RATING:12 V/200 AH, PV(SOLAR PANELS) SOLAR PANEL, CATEGORY:TIER 1, TYPE: POLYCRYSTALLINE, BATTERY MANUFACTURER:EXIDE/LUMINOUS TYPE, TUBULAR RATING:24 V/150 AH, INVERTOR MANUFACTURER:STATCON, QUANTITY:1 AC, MAXIMUM OUTPUT:03 KV/1-PHASE (HYBRID PCU) MAXIMUM MPPT CHARGER EFFICIENCY:>95%, MOUNTING STRUCTURES PANELS SHALL BE MOUNTED ON ZINC PLATED FRAMES THE STRUCTURE IS DESIGNED IN SUCH A MANNER THAT MODULE CAN, BE REPLACED EASILY AND IN LINE WITH SITE REQUIREMENTS AND IT IS EASY TO INSTALL AND SERVICE IN FUTURE. ALL FASTENERS, NUT AND BOLTS ARE MADE OF STAINLESS STEEL-STAINLESS STEEL 304, 5.4.6 PCC, ELECTRICAL ACCESSORIES CABLES WILL CONFIRM TO IS 694 AND INTERCONNECTIONS, ARRAY TO JUNCTION BOXES, JUNCTION BOXES TO PCU ETC WILL BE SELECTED NEAR TO PV PANEL TO KEEP VOLTAGE DROP AND LOSSES TO MINIMUM. THE BRIGHT ANNEALED 99.97% PURE BARE COPPER CONDUCTORS OFFER LOW CONDUCTOR RESISTANCE. COMPONENT WISE DESCRIPTION IS AS FOLLOWS:S/N COMPONENT DESCRIPTION QUANTITY MAKE: 1) PV MODULES 300-325 WP 02 KW MNRE APP. 2) INVERTER 02KW/24V/1-P 1 NO. 3) ARRAY JUNCTION BOX IP 65 1 NO. 4) BATTERY 12 V/200 AH 02 SET EXIDE/LUM. 5) ACDB FOR 02 KW INVERTER 01 NO. STATCON. 6) MOUNTING STRUCTURE CUSTOM MADE MS HOT DIP GALVANIZED STEEL (80 MICRON) 01 SET SUPER TOOL ENGINEERING/EQUIVALENT. 7) CABLES/ELECTRICAL ACCESSORIES AC CABLES (AS PER IS) AS PER REQ. FINOLEX/HAVELLS/POLYCAB/R.R CABLES DC CABLES (AS PER IS) AS PER REQ. TRINITY/SIECHEM. 8) INSTALLATION AND COMMISSIONING AS PER REQ. AS PER STANDARD. 9) EARTHING AND LIGHTNING ARRESTOR EARTHING-CHEMICAL COMPOUND WITH COPPER ROAD AS PER REQ. JMV LIGHTNING ARRESTOR-COPPER CLADDED ALUMINIUM AS PER REQ. JMV</p>							

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Tender attachment

Sl.No.	Description	Attached File	Set Value	Supporting Doc. Req'd
1	Bidders organisation details		-	Mandatory
2	Acceptance to e tender terms		-	Mandatory
3	Declaration forms		-	Mandatory

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Solar Power plant				
Sl.No.	Description	Attached File	Set Value	Supporting Doc. Req'd
1	Tender document	Tender document _ Solar Panel_Srinagar ASF.pdf	-	No



HINDUSTAN PETROLEUM CORPORATION LIMITED

**AVIATION SBU, SECOND FLOOR
HINDUSTAN BHAVAN
8, S.V. MARG, BALLARD ESTATE
MUMBAI-400 001**

TENDER DOCUMENT

DESIGN, ENGINEERING, SUPPLY, INSTALLATION TESTING & COMMISSIONING OF 2
KWP Hybrid Solar Power Plant at Srinagar ASFs

Tender Due Dates:

Online Tender Submission: 23.11.2021 @ 1500 Hrs.

Online Opening of Techno Commercial Bid: 23.11.2021 @ 1530 Hrs.

INTRODUCTION

This limited tender is published in **e-procurement system** in Two-Bid System (Unpriced and priced bids) for DESIGN, ENGINEERING, SUPPLY, INSTALLATION TESTING & COMMISSIONING OF 2 KWP Hybrid Solar Power Plant for SRINAGAR ASF as per the terms and conditions mentioned herein and in attachments.

General Notes to vendors: -

1. Bidders are requested to understand the scope of job work before quoting.

2. Techno Commercial BID:

The techno commercial bid shall include the following –

- a. Attachments/ Annexures only as sought thru the e-tender duly filled in, signed & stamped needs to be uploaded as per requirement.
- b. Copy of PAN, GST Registration.
- c. Declarations – Black listing/Holiday listing, Particulars of Bidder & Organization details
- d. Bidders have to ensure that Rates/Prices are not mentioned anywhere in Techno Commercial bid, failing which the bid is liable to be rejected.

Price Bid

- a. The prices are to be offered only in the price bid document of e-tender against the tendered quantity.
- b. Price bid shall not contain anything else other than the rates. No terms and conditions or exception / deviation are permitted in price bid.
- c. The offer shall be valid for a period of 90 days from the due date/ extended due date of opening of the un-priced bid

3. Bids to be filled online in e-procurement. .(<https://etender.hpcl.co.in>)

4. For any Technical, queries please post the same online, which will be answered online only.

Clarifications sought/ queries received from bidders regarding the tender within last five days of bid due date will not be entertained by HPCL. Please refer query end date / time in tender calendar after which no query posted by bidder shall be considered.

Please note that queries related to scope, tender specifications, terms & conditions etc. should be submitted online only (by logging in at <https://etender.hpcl.co.in/>) by the query end date / time specified in the tender consolidated view / NIT view/ tender calendar. The reply of queries

sent by bidders/ messages issued by HPCL pertaining to tender shall be available on tender message board. HPCL, at its sole discretion, may not entertain the queries sent by post/ fax/ e-mail or through any other mode of communication.

5. Any brochures/ technical literature/drawings shall be upload in soft form online only.
6. Regarding Agreed Terms & Conditions & other formats, bidders may download the same from tender document, fill it, scan it and upload in the space provided for uploading.
7. *Any deviation to the tender must be mentioned in the deviation form, which is provided online.*
8. Before quoting please, upload your Digital Certificate on the site for validating the same by HPCL. You can submit the Bids only when your digital certificate (Class IIIB) is validated by HPCL.
9. For online bidding help, bidders may contact Helpdesk no. **022-41146666**. The help-desk services shall be available on any day between 08.00 AM to 08.00PM except on Sundays/Public holidays
10. HPCL shall not be responsible for any delays whatsoever in receiving as well as submitting on-line offers, including connectivity issues. HPCL shall not be responsible for any postal or other delays in submitting EMD, wherever applicable.
11. The Corporation reserves the right to reject any and / or every tender without assigning any reason whatsoever and / or place order on any tenderer and their decision in this regard will be final. Any tenderer whose tender has been rejected could raise no disputes.

12. Black List/Ban/Holiday List

- i. Bids received from parties who have been banned/blacklisted / put on holiday list or parties in respect of whom the action for blacklisting and holiday listing has been initiated by HPCL/any Government/ Quasi Government Agencies or PSUs, shall not be considered for either evaluation or for award of work.
- ii. The bidder should give a written declaration, indicating that they are not on holiday list/banned/blacklisted as on due date of this tender.

13. Digital Signature – Authorized Signatory

- a. All the tender documents and Annexures, Techno-commercial details and Price Bids shall be required to be digitally signed with a class IIIB or above digital signature by the authorized signatory.
- b. The authorized signatory shall be:
 - i. Proprietor in case of proprietary concern.

- ii. Authorized partner in case of partnership firm.
 - iii. Director, in case of a limited Company, duly authorized by its board of directors to sign.
- c. If for any reason, the proprietor or the authorized partner or director as the case may be, are unable to digitally sign the document, the said document should be digitally signed by the constituted attorney having full authority to sign the tender document and a scanned copy of such authority letter as also the power of attorney (duly signed in the presence of a Notary public) should be uploaded with the tender.
- d. Online submission of the tender under the digital signature of the authorized signatory through the procurement portal shall be considered as token of having read, understood and totally accepted all the terms and conditions.

14. EMD IS NOT APPLICABLE FOR THIS TENDER.

SCOPE OF JOB: Supply & Erection of 2 KWP Hybrid Solar Power Plant as per requirement given below:

- (a) For Srinagar ASF: SOLAR SYSTEM; TYPE:HYBRID SOLAR POWER PLANT; MANUFACTURER: ADANI/LUMINOUS/VIKRAM/LANCO.
- (b) ADDITIONAL INFORMATION: RATING:2 KWP, 1000 VDC; PCU-02KW/24V/1-PHASE. BATTERY RATING:12 V/200 AH, PV(SOLAR PANELS) SOLAR PANEL, CATEGORY:TIER 1, TYPE: POLYCRYSTALLINE,.
- (c) BATTERY MANUFACTURER:EXIDE/LUMINOUS TYPE, TUBULAR RATING:24 V/150 AH, INVERTOR MANUFACTURER:STATCON, QUANTITY:1
- (d) AC, MAXIMUM OUTPUT:03 KV/1-PHASE (HYBRID PCU) MAXIMUM MPPT CHARGER EFFICIENCY:>95%, MOUNTING STRUCTURES PANELS SHALL BE MOUNTED ON ZINC PLATED FRAMES THE STRUCTURE IS DESIGNED IN SUCH A MANNER THAT MODULE CAN, BE REPLACED EASILY AND IN LINE WITH SITE REQUIREMENTS AND IT IS EASY TO INSTALL AND SERVICE IN FUTURE. ALL FASTENERS, NUT AND BOLTS ARE MADE OF STAINLESS STEEL-STAINLESS STEEL 304, 5.4.6 PCC.
- (e) ELECTRICAL ACCESSORIES CABLES WILL CONFIRM TO IS 694 AND INTERCONNECTIONS, ARRAY TO JUNCTION BOXES, JUNCTION BOXES TO PCU ETC WILL BE SELECTED NEAR TO PV PANEL TO KEEP VOLTAGE DROP AND LOSSES TO MINIMUM. THE BRIGHT ANNEALED 99.97% PURE BARE COPPER CONDUCTORS OFFER LOW CONDUCTOR RESISTANCE.
- (f) COMPONENT WISE DESCRIPTION IS AS FOLLOWS:S/N COMPONENT :
DESCRIPTION QUANTITY MAKE: 1) PV MODULES 300-325 WP 02 KW MNRE APP.
2) INVERTER 02KW/24V/1-P 1 NO.
3) ARRAY JUNCTION BOX IP 65 1 NO.
4) BATTERY 12 V/200 AH 02 SET EXIDE/LUM.
5) ACDB FOR 02 KW INVERTER 01 NO. STATCON.

- 6) MOUNTING STRUCTURE CUSTOM MADE MS HOT DIP GALVANIZED STEEL (80 MICRON) 01 SET SUPER TOOL ENGINEERING/EQUIVALENT.
- 7) CABLES/ELECTRICAL ACCESSORIES AC CABLES (AS PER IS) AS PER REQ. FINOLEX/HAVELLS/POLYCAB/R.R CABLES DC CABLES (AS PER IS) AS PER REQ. TRINITY/SIECHEM.
- 8) INSTALLATION AND COMMISSIONING AS PER REQ. AS PER STANDARD.
- 9) EARTHING AND LIGHTNING ARRESTOR EARTHING-CHEMICAL COMPOUND WITH COPPER ROAD AS PER REQ. JMV LIGHTNING ARRESTOR-COPPER CLADDED ALUMINIUM AS PER REQ. JMV

The contractor to visit the site to familiarize the entire scope of the job before quoting

Address & Contact Details:

1. Sh. Arif Shah (Station Incharge) Mob: 9622330786
HPCL Srinagar ASF, Srinagar International Airport, Humaham,
District budgam, J&K 190007.

Commercial Terms and Conditions:

1. **Completion Period:** – 60 days from Date of PO.
2. **Firm Prices:** On placement of order, prices will remain firm until complete execution.
3. **Payment Term:**

Bills to be submitted on monthly basis along with supporting documents.

The HPCL's Disbursement Section shall make payments bill within 15 days from the date of receipt of the certified bill.

All payments shall be processed thru Central Disbursement section CPC-

Vendor shall submit the bill details in the BTS system and forward the original bills along with bar coded transmittal slip to Central Disbursement CPC, and submit the duplicate copy of bill with BTS number to location/user for processing.

4. **Taxes & Duties:** Parties need to clearly mention all taxes in their bid; no extra will be paid if the same is not declared in party bid.

Clearly indicate the rates of applicable taxes and extras in percentage

5. Evaluation of Bids:

Only those offers that qualify in the Techno-commercial bid evaluation will be taken up for evaluation of Price Bids

Evaluation will be carried out on delivered rate that is inclusive of all taxes as under, considering the GSTN registration status of the bidder:

- a. **Registered Vendors:** The tax liability will be borne by the vendor and the same shall be considered for evaluating the bid.
- b. **Unregistered vendors:** The tax liability will be borne by HPCL under reverse charge and the same shall be loaded for evaluating the bid.
- c. **Vendors under composition scheme:** the rate is considered to be inclusive of all taxes, no separate tax shall be billed to HPCL, and the bid shall be accordingly evaluated.

For this purpose, vendor should give status whether Registered, Unregistered or Composition Scheme.

In case of different rates of GST quoted by the vendors, Corporation reserves the right to query on the same and adopt the correct classification and GST rate as considered correct by the Corporation. The decision of Corporation in this regard will be final and binding on the vendor.

6. **Security Deposit:** 1% of the Contract Amount within 15 days' issue of LOI/PO whichever is earlier. Security Deposit shall be released after successful completion of Contract.

7. This tender will be evaluated on **overall L1 basis and order would be placed on a single bidder.**

Bidders to make a note of this.

8. Parties are advised to fully understand the scope of job Before submitting the tender
9. Tender extension can only be granted not less than **48 hours** before the tender due date and time. Extension can be granted only for valid reasons and such requests should be submitted 2 days in advance of tender due date and time.

Special Terms and Conditions

1. The tenderer must visit the site and familiarize himself thoroughly with the site conditions before submitting the tender. Non-familiarity with the site conditions will not be considered a