

Tender No. : 21000010-HB-11919



Tender Published On : 31-Aug-2021 09:14

Hindustan Petroleum Corporation Limited
Corporate Identification Number L23201MH1952GOI008858

| Basic Information Of Tender | | | |
|--------------------------------------|---|-----|--|
| Title | SOLAR STREET LIGHTS-TT PARKING | | |
| Description | SITC Solar Street lights and allied electrical works | | |
| Tender Type | Limited | | |
| Tender Scope | Domestic | | |
| Bid Type | Two Bid | | |
| Evaluation Criteria | Overall L1 for all items | | |
| Tender Due Date & Time | 16-Sep-2021 15:00 | | |
| Reverse Auction Applicable | No | | |
| Pre Bid Conference Start Date & Time | | | |
| Pre Bid Conference End Date & Time | | | |
| Queries Start Date & Time | 31-Aug-2021 15:00 | | |
| Queries End Date & Time | 14-Sep-2021 15:00 | | |
| Un Priced Bid Open Date & Time | 16-Sep-2021 15:00 | | |
| Purchase Deptt. | PURCHASE DEPT- GHATKESAR TERMINAL | | |
| TF/EMD Drop Box Address | No EMD | | |
| Tender Description | This tender is for carrying out SITC of Solar Street lights and allied electrical works at Secunderabad Terminal of HPCL as per the scope mentioned in the tender document on F O R destination basis. Bidders are requested to submit their most competitive offer on the basis of documents provided. The offers shall be submitted online before tender due date and time. The rates shall be exclusive of tax. Vendor shall quote taxes separately. | | |
| 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 |
|---|--------------------------------|-----------------------------|--------|----------------|----------|-----------------|-----------|
| SITC Solar Lights and Elec Works | | | | Mandatory: Yes | | | |
| 1 | SUPPLY -2x18W SOLAR STRET LGHT | 11919-Secunderabad Terminal | Each | 60 | | 36AAACH1118B1ZD | Yes |
| DESCRIPTION => SUPPLY AND INSTALLATION OF LED STREET LIGHT. | | | | | | | |
| 2 | CONSTRTN OF PIPE EARTHPIITS | 11919-Secunderabad Terminal | Each | 10 | | 36AAACH1118B1ZD | Yes |
| DESCRIPTION => SUPPLY, INSTALLATION OF THE GI (GALVANIZED IRON) PLATE EARTH PITS INCLUDING EXCAVATION (IN ALL TYPES OF STRATA), PCC (PLAIN CEMENT CONCRETE) , BRICK CHAMBER (BRICKS OF HIGH QUALITY), CI (CAST IRON) COVER WITH FRAME, LIFTING HOOK, CHARCOAL, SALT, BENTONITE . COPPER SULPHATE, SODIUM CARBONATE, CALCIUM CHLORIDE, SAND, STEEL MESH/BATHROOM TYPE MESH, ETC. COMPLETE AS PER IS 3043. | | | | | | | |
| 3 | GI FLAT-50X6 MM-SUP&LAYING | 11919-Secunderabad Terminal | Meters | 1500 | 995424 | 36AAACH1118B1ZD | Yes |
| DESCRIPTION => Supply, laying, connection & testing bare earthing conductor for inter-connecting the earthing stations and various equipment in built up trenches, walls/ceiling, buried in ground generally or as specified and shown on the drawing complete with all accessorie | | | | | | | |
| 4 | INSTLN OF 2x18W SOLAR STRET | 11919-Secunderabad Terminal | Each | 60 | | 36AAACH1118B1ZD | Yes |
| DESCRIPTION => INSTALLATION, TESTING AND COMMISSIONING OF SOLAR TREE AS PER TECHNICAL SPECIFICATIONS. SCOPE INCLUDES COMPLETION OF ALL CIVIL, STRUCTURAL, ELECTRICAL AND COMMUNICATION RELATED JOBS IN ALL RESPECTS. | | | | | | | |

**Terms and Conditions**

| Sl.No. | Description | Attached File | Set Value | Supporting Doc. Req'd |
|--------|-------------------------|---------------------------------|-----------|-----------------------|
| 1 | Instructions to Bidders | Instructions to bidders.pdf | - | No |
| 2 | Tender Specifications | SOLAR LIGHT TENDER final.pdf | - | No |
| 3 | HSE Policy | HSE Policy_Rev 1.pdf | - | No |
| 4 | GTC | GTC W 250417_Modified.pdf | - | No |
| 5 | Details and Declaration | Org Details and PAN Details.pdf | - | No |
| 6 | Tips for Bid Submission | TipsBidsubmission.pdf | - | No |
| 7 | Vendor Bidding Manual | VendorBiddingManual-TWO_BID.pdf | - | No |
| 8 | Cociliatory Clauses | CONCILIATION CLAUSE.pdf | - | No |



**HINDUSTAN PETROLEUM CORPORATION
LIMITED**

SUP/INST OF SOLAR STREET LIGHTS AND ALLIED ELECTRICAL WORKS –
SECUNDERABAD TERMINAL

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HINDUSTAN PETROLEUM CORPORATION LIMITED



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INSTRUCTIONS TO BIDDERS

(This is only a Tender Enquiry and not an order).

Bidder can view the tender Document at HPCL website <http://www.hindustanpetroleum.com> however bidders are not allowed to quote manually on the basis of such downloaded document from website and such offers shall not be considered.

Bids shall be submitted online only using link <https://etender.hpcl.co.in>.


ii) Bid document is non-transferable.

iii) For submitting the bid on-line it would be mandatory for bidders to obtain digital certificate (which will enable data encryption as well as digital signing). For information regarding digital certificate, bidders may visit <http://www.cca.gov.in>. For submitting the bid online, bidders are advised to follow the step by step procedure given under the link “Bidding Manual” at website <https://etender.hpcl.co.in>

The on-line bidding would comprise broadly following steps —

For Registered Bidders:

- This is E-tender and entire bidding process has to be done online in our e-procurement site <https://etender.hpcl.co.in/> **only**.
- This tender is floated in e-procurement module on **Two bid basis**. The Tenderers shall be quoting from their own offices / place of their choice. Internet connectivity shall have to be ensured by each tenderer themselves. HPCL shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
- Bidders to quote online in our e-procurement site <https://etender.hpcl.co.in>. No manual submission of documents (Except EMD) is permitted.
- Bidder should use their 8 digit Vendor code as login ID and Bill Tracking system passwords to bid online using link: <https://etender.hpcl.co.in>.
- Browser for this link opens only in the internet explorer 6 and above.

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Note: upload digital Certificate as per following steps:

Upload Digital Certificate (*.cer Format)

1. Download test PDF for signing from here [Download](#)

2. Sign test PDF with Digital Certificate which is being uploaded

(for this step , you need to download JDK 1.6 software from utilities. After downloading this utility ,down load pdf signer and then install . This will complete installation of J sign pdf in your system. With this Jsign pdf utility, you have to sign the above test document.

For signing , you have to click on Jsign pdf .

One pop up box will appear.

Click on browse against input pdf file and select the test document created above

Then click on sign

Successfully signed message will appear and one more file named test pdf_signed will be created and saved on desk top.)

3. Upload above signed test PDF *

4. Upload Digital Certificate.


(For this you have to open internet explorer- select tools- internet options- content-certificate- select both signing as well as encryption certificate by using control button , then -export – then keep clicking next till you get message that export successful* After this .cer file will be created and saved on your desktop.

- **After the above step, get your digital certificate validated within 24 hours by contacting following Purchase officer. If you do not get this validated within 24 hours, you have to repeat the above four steps again. Digital certificate can be validated by calling purchase Officer.**

Contacts for Validation of DC:

Jayanth S,
Ch. Manager, SECUNDERABAD Terminal,
Ph: 9849252258

Once validated, you need not do this again for other tenders. This is one time process.

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Request for extension of tender due date shall be mailed to us atleast 72 hrs. before the tender due date, accompanied by valid reasons. Any requests submitted less than 72 hrs. before tender due date or not accompanied by proper reasons shall not be considered.

Tender opening will be done online and bidders can see their bids as well as bids of others online by logging into their systems after tenders are opened.

- HPCL will not be responsible for the cost incurred in preparation and submission of bids including the cost of digital certificate, regardless of the conduct of outcome of the bidding process.
- HPCL reserves the right to reject offers not meeting its Technical requirements and commercial conditions.
- Non acceptance of commercial terms and conditions may result in rejection of your offer, or suitable commercial loading
- HPCL shall follow Purchase Preference / Price Preference as per prevailing guidelines of Government of India
- HPCL shall not be responsible for any expenses incurred by bidders in connection with the preparation & submission of their bids, site visit and other expenses incurred during bidding process.
- Fax / e-mail bids shall not be accepted.
- HPCL reserves the right to accept or reject any one or all the tenders without assigning any reason.
- Completed tenders in all respect should be submitted on-line at website <https://etender.hpcl.co.in> by the tender due date / time. Unpriced (Technical) bids shall be opened on-line and participating bidders can view / witness the same on-line by logging in at website <https://etender.hpcl.co.in>. Bidders would not be allowed to submit their bid after stipulated tender due date and time.
- Orders will be finalized **TOTAL DELIVERD COST BASIS INCLUSIVE OF ALL TAXES AND DUTIES QUOTED**. Bids shall be evaluated on the basis of landed cost at site, including all duties, taxes, freight etc.
- In case you fail to execute the order (if placed on you) as per its terms and conditions, HPCL shall get the job done/material supplied through separate agency at your cost and risk.
- From the day immediately after the due date/extended due date of the tender and during the contractual delivery period, **Statutory Variation** in taxes / duties mentioned in the un-priced bid shall be to HPCL's account.
- **Please note that EMD is not applicable for this tender.**

- **Grievance Redressal Mechanism:**

Hindustan Petroleum Corporation Limited (HPCL) has developed a “Grievance Redressal Mechanism” to deal with references / grievances if any that are received from parties who participated / intend to participate in the Corporation Tenders. The details of the same are available on our website www.hindustanpetroleum.com.

FORCE MAJEURE

1) Any delay in or failure of the performance of either part hereto shall not constitute default hereunder or give rise to any claims for damage, if any, to the extent such delays or failure of performance is caused by occurrences such as Acts of God or an enemy, expropriation or confiscation of facilities by Government authorities, acts of war, rebellion, sabotage or fires, floods, explosions, riots, or strikes. The Contractor shall keep records of the circumstances referred to above and bring these to the notice of the Engineer-in-Charge/Site-in-Charge in writing immediately on such occurrences. The amount of time, if any, lost on any of these counts shall not be counted for the Contract period. Decision of the Owner arrived at after consultation with the Contractor, shall be final and binding. Such a determined period of time be extended by the Owner to enable the Contractor to complete the job within such extended period of time.

2) If Contractor is prevented or delayed from the performing any of its obligations under this Agreement by Force Majeure, then Contractor shall notify Owner the circumstances constituting the Force Majeure and the obligations performance of which is thereby delayed or prevented, within seven days of the occurrence of the events.

For queries, please contact:

Technical: C Santhosh Kumar Ph.no: 04023457125 Email: santhoshkumarc@hpcl.in
Commercial: Jayanth S Ph.no: 04023457115 Email: jays@hpcl.in

B. SCOPE OF JOB

Attached Elsewhere in the tender document

C. DELIVERY PERIOD

Within **09** weeks from date of LOI/PO whichever is earlier.

Detailed delivery terms are attached elsewhere in the tender

NOTE:

- 1) Time for completion shall be reckoned from the date of issue of Fax/Letter of Intent/Purchase Order by HPCL whichever is earlier.
- 2) Delivery is the essence of purchase order. In case of delay in execution of the order beyond contractual delivery date as stipulated in the tender / order, HPCL at its option can:

‘Either’

- a) Accept the delayed delivery on price reduced by sum equivalent 0.5 % of the basic value of goods not delivered per week of delay (for fractional days, LD shall be applicable on pro-rata basis), subject to a maximum of 5% of total basic order value.

‘or’

- b) Cancel the order in part or full and purchase such cancelled quantities from elsewhere on account at the risk of the seller without prejudice to its right under (i) above in respect of goods delivered. All costs and expenses incurred by HPCL, if any, resulting from cancellation of order shall be recovered from seller.



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D. PAYMENT TERMS

Payments thru Online BTS system.

Payment Office:

CPC – HPCL,
South Central Zone – Retail
Parisharam Bhavan,
7th Floor, Fateh Maidan Road
Basheerbagh,
Hyderabad 500004

Detailed Payment terms are mentioned elsewhere in the tender document.

The quantity mentioned in the tender are directional and payment shall be made to the extent of actual quantity. HPCL shall not be held liable for non usage of any or all quantities of any line item of the tender.

Part payments/ Running bills shall be allowed thruout the validity of the PO.

HINDUSTAN PETROLEUM CORPORATION LIMITED

SECUNDERABAD TERMINAL



TENDER DOCUMENT

FOR

**SOLAR STREET LIGHT SUPPLY
SECUNDERABAD TERMINAL**

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| | |

A. BRIEF INFORMATION ABOUT THE TENDER

BRIEF NOTE TO TENDERERS:

Secunderabad terminal having area of approx. 146.6 acres is situated at Ghatkesar, Ankushapur Village, Secunderabad. Secunderabad Terminal is a major location in telangana and was commissioned in the year 2002. Terminal is having 17 Nos of Above Ground Tanks & 8 Nos of Under ground tank for storing of petroleum products. Total terminal is spread in an area of 146.6 acres with 4 tank dykes. Terminal TT parking is spread in area of 12 acres and where 3 numbers of Highmasts are available to meet required LUX. Parking Drive ways and internal approach roads require street lights

This tender is floated in 2 Bid limited Tender for awarding contract for Supply & Fixing of Solar Street light.

VENDOR TO QUOTE THE RATES INLINE TO JOB SCOPE DESCRIBED IN SCHEDULE OF QUANTITIES (IN SCHEDULE- D)

Please note that it is Bidders responsibility to ensure that the supplied materials and execute the jobs in line with HPCL requirement/Tender/applicable codes/standards. The Bidder is free to visit Terminal to familiarize with the existing system.

In case of any query on Item description / rates, vendor to drop online query thru online tender portal. Emails/Telephone queries are not recommended and not considered.

Order may be placed on Single party based on over all L-1 Quote

HPCL may utilize the quantities as per Corporation requirement.

Vendor to supply material on door delivery basis at below address

Address of the location:

HPCL Secunderabad Terminal,
Ankushapur Village, Ghatkesar Mandal,
Medchal District, TS, Pin-501301

PERFORMANCE GUARANTEE

Retention Money of 3% (THREE percent) of Total value of the bill will be deducted and retained by the owner on account of any damages/defect liability that may arise . FOR CPBG of 10% of PO value towards performance bank guarantee inclusive of security deposit (in lieu of deduction of retention money.

Retention money will be released by DISBURSEMENT SECTION,SCZ by the advise of Secunderabad Terminal upon completion of defect liability period.

B. TECHNICAL QUALIFICATION CRITERIA

Bidder shall submit the below documents as qualification criterial in Technical bid.

a. Technical catalogue of the offered Solar Based LED Street lighting system.

The following details are also to be submitted:

- A . Details of LED technology & confirmation on compiling to Tender specifications: _____
- b. Details of solar PV module & confirmation on compiling to Tender specifications: _____
- c. Details of Li-Ion batteries & confirmation on compiling to Tender specifications: _____

C. TIME SCHEDULE

COMPLETION PERIOD:

On time delivery is the essence of this Contract. The period of completion of contract given includes the time required for mobilization, packing of item, supply of items, unloading and unpacking of items at the site and completion in all respects to the satisfaction of the HPCL.

Sample Light fitting shall be submitted within 7 days from date of LOI/PO.

Upon Finalization /confirmation of Sample. Vendor to supply the order Quantity within 5 weeks.

Installation & Fixing () shall be completed within 4 weeks.

However Delivery period for sample finalization/Supply & Installation and commissioning including Earth pit construction shall be within 9 **weeks** from date of LOI/PO.

After issuance of the work order under some special circumstances, the Corporation may advise Postponement of commencement or carry out the work in stages, in which case the time of Completion shall be extended suitably depending upon the *actual* delay/interruptions caused. The Corporation will not however be liable under any circumstances for payment of compensations of any nature to the contractor for such delay or interruptions.

PO shall be valid for 1 Year.

DELAYED DELIVERY:

In case of any delay in completion of the work beyond the CDD, the Owner shall be entitled to be paid Price Reduction by the Contractor. The price reduction shall be initially at the rate of 0.5% (half percent) of the total contract value for every week of the delay subject to a maximum of 5% of the total contract value. The price reduction shall be recovered by the Owner out of the amounts payable to the Contractor or from any Bank Guarantees or

Deposits furnished by the Contractor or the Retention Money retained from the Bills of the Contractor, either under this contract or any other contract.

D. PAYMENT TERMS

Payment Terms:

All jobs done are to be approved by HPCL Officer in-charge before submitting bills.

Payment shall be made within 15 days from receipt of bill & all relevant documents to Location & CPO -SCZ and satisfactory completion of job and after certification by HPCL Officer In-Charge.

50% payments will be released for supply along with of all documents & test certificates, materials certificates, test reports etc. as required as per the tender.

Remaining 50% shall be released post installation & commissioning

Penalty clause as per GTC will be applicable for any delay in completion of works beyond the contractual delivery period.

Retention money clause will be applicable for the tender.

ALL TAXES WILL BE AS APPLICABLE.

VENDOR TO QUOTE APPLICABLE GST SEPARATELY.

D.SCHEDULE OF QUANTITIES

| SL. NO. | ITEM DESCRIPTION | UOM | QTY |
|---------|--------------------------------|-------|------|
| 1 | SUPPLY -2x18W SOLAR STRET LGHT | EA | 60 |
| 2 | CONSTRTN OF PIPE EARTHPIES | EA | 10 |
| 3 | GI FLAT-50X6 MM-SUP&LAYING | METER | 1500 |
| 4 | INSTLN OF 2x18W SOLAR STRET | EA | 60 |

TECHNICAL SPECIFICATIONS FOR 18x2W (36 Watt) WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM

| Sr. No | Components | Specification for Solar street light fitting |
|--------|---------------|---|
| 1 | PV module | Minimum 75 Wp under STC |
| 2 | Battery | Minimum 12.8V, 30 AH capacity Lithium Ferro Phosphate battery. |
| 3 | Light Source | White Light Emitting Diode (W-LED) |
| | | 2 Fixtures with 2 arms with 18 Watt (total 36 Watts) on single pole, W-LED luminaire, dispersed beam, soothing to eyes with the use of proper optics and diffuser. |
| | | LED Chip should be compliance to IES: LM-80 (Approved) |
| 4 | Light Out put | The luminaire must use high efficacy W-LED with minimum 135 lumens per watt (and UV free). [A certificate to be submitted by the System supplier to the Test Lab during certification] |
| | | For single light level: |
| | | Minimum 24 Lux when measured at a point 4 meters below the light. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred. |
| | | For Multiple Light levels: |
| | | The luminaire should have two levels of light to take care of different lighting needs during the night. Minimum 24 Lux when measured at a point 4 meters below the light (at'' High'' illumination level). The illumination Should be uniform without dark bands or abrupt variations. Minimum 12 Lux at lower illumination level. |

| | | |
|---|-------------------------|--|
| | | (Higher light output will be preferred) |
| | | The luminaire shall be tested for Electrical, Photometry and Color parameters as per IES LM-79:2008 or IS: 16106:2012 for following performance parameters like: |
| | | 1) Total luminous flux: ≥ 3750 lm. |
| | | 2) Luminous efficacy (i.e. system efficacy): ≥ 125 lm/W. |
| | | 3) Color Temperature: Between 5500 K to 6500 K. |
| | | 4) CRI ≥ 70 |
| | | 5) Luminous intensity distribution should follow the batwing patterns in polar curves. |
| 5 | Mounting of light | Pole height 5 m above the ground level and 1 m below the ground. Luminaire shall be at least 4.5 m above the ground level. |
| 6 | Electronics Efficiency | Overall total Efficiency of the Electronics should be Minimum 90% |
| 7 | Duty Cycle | Dusk to dawn: First 4 Hours full light (Min. 24 Lux), rest of the time at lower light (50%, Min. 12 Lux) level. (Higher light output will be preferred) |
| 8 | Autonomy | 2 days per permissible discharge with fully charged battery. |
| 9 | Ingress Protection – IP | Optical & Control gear compartment - IP 65/IP 66 |

2. CONSTRTN OF PIPE EARTHPIITS: Vendor to construct Earthpits line to IS3043 . Vendor scope includes provision of CI cover, Display board of size (2X1) along with frame. Painting of Earth pits post plastering works

3. Supply & Laying of GI Earth strip 50X6: Vendor scope includes, supply , Laying (including excavations), welding & terminations at Equipment’s using double class A SS bolts

4. Supply & Installation of Solar Lights

| | |
|------------------------------|--|
| Installation & Commissioning | Vendor scope includes excavation of Hard Rock/Soft soil and fixing the solar poles to withstand maximum wind of the city using RCC / PCC. Curing for minimum period is in vendor scope. Water supply in HPCL scope. Required Mechanical supports/ frames/ ect & Earthpit /Earthing connection includes in Vendor scope |
|------------------------------|--|