



**OIL INDIA LIMITED**  
(A Government of India Enterprises)  
PO : Duliajan – 786602  
Assam (India)

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**FORWARDING LETTER**

Tender No. : SDI9679P19 DT: 08.11.2018  
Tender Fee : NIL  
Bid Security : Applicable  
Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM  
Bid Closing on : 14.02.2019 (11.00 HRS IST)  
Bid Opening on : 14.02.2019 (14.00 HRS IST)  
Performance Security : Applicable  
Integrity Pact : Not Applicable

**"The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. However, concessional rate of GST @5% against Essentiality Certificate for invoice value 10 Lakh and above will be applicable.**

**In the event of order, OIL will issue Essentiality Certificate (EC), where concessional rate of GST @5% will be applicable. Supplier shall affect dispatch only on receipt of these certificates from OIL, failing which all related liabilities shall be to Supplier's account".**

OIL invites Bids for **SUPPLY , INSTALLATION & COMMISSIONING OF SOLAR STREET LIGHTS – QTY = 116 NOS** through its e-Procurement site under **SINGLE STAGE COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents

The general details of tender can be viewed by opening the RFx [ Tender] under RFx and Auctions. The details of items tendered can be **found in the Item Data and details uploaded under Technical RFX.**

**The tender will be governed by:**

- a) For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = **0374-2807178** , 0374-2807171 , 0374-2807192 ,. Email id = [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in).

b) **OIL's office timings are as below:**

	Time (in IST)
<b>Monday – Friday</b>	<b>07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM</b>
<b>Saturday</b>	<b>07.00 AM to 11.00 AM</b>
<b>Sunday and Holidays</b>	<b>Closed</b>

Vendors should contact OIL officials at above timings only.

c) **OIL Bank Details :**

<b>Bank Details of Beneficiary</b>	
<b>a</b>	Bank Name STAE BANK OF INDIA
<b>b</b>	Branch Name Duliajan
<b>c</b>	Branch Address Duliajan, Dist-Dibrugarh
<b>d</b>	Banker Account No. 10494832599
<b>e</b>	Type of Account Current Account
<b>f</b>	IFSC Code SBIN0002053
<b>g</b>	MICR Code 786002302
<b>h</b>	SWIFT Code SBININBB479
<b>i</b>	Contact No. 9435554859
<b>j</b>	Contact Person Name Mr. K.L.K.Banik, AGM
<b>k</b>	Fax No. 0374-2802729
<b>l</b>	Email Id <a href="mailto:sbi.02053@sbi.co.in">sbi.02053@sbi.co.in</a>

- d) "General Terms & Conditions" for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.
- e) Technical specifications and Quantity as per **Annexure – 1A**.
- f) The prescribed Bid Forms for submission of bids are available in the Technical RFx-> External Area - > Tender Documents.
- g) Amendments to the NIT after its issue will be published on OIL's website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.
- h) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).

- i) Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the **Technical Attachment**. For details please refer “Vendor User Manual” / “NEW INSTRUCTIONS”

### **Special Notes:**

#### **1.0**

- a) Bidders who do not have E-tender Login ID and Password should complete their online registration **at least seven (7) days prior to the scheduled bid closing date** and time of the tender. For online registration, Bidder may visit the OIL’s E-tender site <https://etender.srm.oilindia.in/irj/portal>
- b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.
- c) **MSE Units** (Manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are **exempted from payment of Bid Security (EMD)** irrespective of their monetary limit, product category and capacity mentioned in their registration, **subject to submission of valid MSE registration certificate issued by appropriate authority.**
- d) For availing benefits under Public Procurement Policy (**Purchase preference**), the interested MSE Bidders must ensure that they are the **manufacturers of the tendered item(s) and registered with the appropriate authority for the said item(s).** Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of **OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender**, seeking clarification/confirmation as to whether their MSE certificate is eligible for EMD exemption or not. **Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.**

#### **NOTE:**

**In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they must apply to concerned tender handling officer, Materials Department, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of EMD upto one week prior to the Bid closing date (or as amended in e-portal).**

2.0 The tender is invited under SINGLE STAGE- COMPOSITE BID SYSTEM. The bidders are required to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic format in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

2.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> Technical Attachment only. **For details please refer “NEW INSTRUCTIONS”**. Please refer Annex-BB for price schedule.

3.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **DGM- Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security**
- b) **Detailed Catalogue (if any)**
- c) **Any other document required to be submitted in original as per tender requirement**

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in Duplicate.

**4.0 Benefits to Micro & Small Enterprises (MSEs) as per OIL's Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details. MSE bidders are exempted from submission of Bid Security/Earnest Money provided they are registered for the items they intend to quote. Bidders who are allowed to participate against the tender as MSEs must quote their own products failing which their bids will be rejected.**

5.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

6.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.

7.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.

**8.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed Annexure-CCC. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per Annexure-CCC) contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders elsewhere, those in the BEC / BRC shall prevail.**

9.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

10.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

11.0 If Bank Guarantee is submitted towards 'Bid Security', then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

12.0 Bidders are requested to refer to the enclosed **Annexure – BBB** for the Taxes and Duties clauses under GST regime.

**13.0 Delivery/collection Instructions in cases where transportation is in OIL's scope:**

(i) the suppliers shall be required to deliver the Sundry consignments of weight less than 3 (Three) Tons at the godown/office/collection point of OIL's authorized transporter in various cities.

(ii) consignments weighing more than 3(Three) Tons shall be collected from the supplier's premises/loading points by OIL's authorized transporter.

(iii) the names of OIL's current authorized transporters are:

a) M/s Western Carriers (India) Ltd.

b) M/s DARCL Logistics Limited

**Bidder's are requested to note the above delivery/collection instructions while submitting their offers.**

14.0 While submitting the offers bidders are requested to refer to the enclosed **Annexure – BB (Price Bid Format and Evaluation Criteria)**.

15.0 Bidders should fill-up and submit alongwith their bid an **UNDERTAKING** towards **authenticity of information/documents** furnished by them, as per enclosed **ANNEXURE-K**.

**16.0 The applicable GST on the Liquidated Damage if any, shall have to be borne by the seller. Accordingly, the Liquidated Damage shall be recovered from the seller along with applicable GST.**

Please do refer "**NEW INSTRUCTION TO BIDDER FOR SUBMISSION**" for the above two points and also please refer "**New Vendor Manual (effective 12.04.2017)**" available in the login Page of the OIL's E-tender Portal.



## Oil India Limited e-Procurement

User ID \*

Password \*

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### NOTE:

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.**

**Yours Faithfully**

**Sd-**

**(J SARKAR)**

**MM (IP)**

**FOR : GM-MATERIALS**

Tender No & Date: SDI9679P19 DT: 08.11.2018

**BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)**

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the “Bid Rejection Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

<u>Criteria</u>	Complied / Not Complied. (Remarks if any)
<p><b>1.0 BID REJECTION CRITERIA (BRC):</b></p> <p>The bid shall conform generally to the specifications, terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p><b>A) TECHNICAL:</b></p> <p><b><u>1. Bidder's Qualification :</u></b></p> <p>a) Bidder should be an Original Equipment Manufacturer (OEM) of SPV Based Solar Street Lighting Systems. OR b) Bidder should be an authorized dealer of OEM for SPV Based Solar Street Lighting Systems. OR c) Bidder should be an OEM approved assembler of SPV Based Solar Street Lighting Systems.</p> <p><b>NB: In all the above scenarios under a), b) &amp; c) valid documentary evidence / authorization letter from OEM supporting the claim must be furnished along with the offer.</b></p> <p><b><u>2. Bidder's Experience :</u></b></p> <p>(A) The bidder should have experience of successfully executing at least 1(one) similar order for <b>Rs. 14.75 Lakhs</b> only in preceding 5(five) years. Or</p>	

The bidder should have experience of successfully executing at least 1(one) similar order for supply, installation and commissioning of 58 (Fifty Eight) nos standalone solar photovoltaic street lighting systems in preceding 5(five) years.

"similar order" above means: supply, installation and commissioning standalone solar photovoltaic street lighting systems.

**(B)The bidder shall submit documentary evidence in support of his previous supply experience as follows :**

i) **Copy (ies) of Purchase Order(s) clearly mentioning the Gross value and Quantity of the order,**

**AND**

ii) **Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s).**

- **Completion report / performance certificate from the clients,**
- **Consignment note.**
- **Delivery challan / invoice etc.**
- **Any other documentary evidence that can substantiate the successful execution of each of the Purchase Orders(s) cited above.**

**NOTE:**

a) **The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.**

b) **Satisfactory supply/completion/installation report (if submitted) should be issued on client's official letterhead with signature and stamp.**

**B) FINANCIAL**

a) **Annual Financial Turnover of the bidder during any of preceding 03 (three) financial / accounting years from the original bid closing date should be at least **Rs 14.75 Lakhs.****

b) **Net Worth of the firm should be Positive for preceding financial / Accounting year. (FY=2017-2018)**

**Note -For (a) & (b): Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year..... (As the case may be) has actually not been audited so far'.**



**Notes:**

a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-

i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-J.

OR

ii) Audited Balance Sheet along with Profit & Loss account.

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

**C) COMMERCIAL:**

i) Validity of the bid shall be minimum 90 days from the Bid Closing Date.

ii) Bid security:

The bid must be accompanied by Bid Security of **Rs. 59,000.00** in OIL's prescribed format as Bank Guarantee in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to DGM-Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. **The Bank Guarantee towards Bid Security shall be valid for 6 months from Bid closing date. (i.e. 31.08.2019)**

**Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.**

**If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.**

For exemption for submission of Bid Security, please refer Clause No. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

**The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.**

iii) Bids are invited under “Single Stage Composite Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” through electronic form in the OIL’s e-Tender portal within the bid Closing date and time stipulated in the e-tender. The Techno-commercial Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and

the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

iv) Performance Security:

The successful bidder shall submit Performance Security @ 10% of PO value within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

The Performance Security shall be in the following form :

**A Bank Guarantee in the prescribed OIL's format valid for 90 days beyond delivery period and applicable warranty/guarantee period (if any).**

**The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.**

**However, PBG will be applicable only if value of Purchase Order exceeds Rs 5(five) lakhs.**

v) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

vi) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

vii) All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisation's name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3 with Organisation's Name" digital certificate, will be rejected.

viii) Price should be maintained in the "online price schedule" only. The price submitted other than the "online price schedule" shall not be considered.

**ix) A bid shall be rejected straightway if it does not conform to any one of the following clauses:**

**(a) Validity of bid shorter than the validity indicated in the Tender.**

**(b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.**

**(c) Bid Security with (i) Validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.**

**(d) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.**

**NOTE: FOR CLAUSE NOS. C(ii) & C(iv) OF BID SECURITY/EMD AND PBG**

The bidders/successful bidders are requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original bank guarantee in Oil's tender issuing office:

The bank guarantee issued by the bank must be routed through SFMS platform as per following details:

- (i) "MT 760 / MT 760 COV for issuance of bank guarantee.
- (ii) "MT 760 / MT 767 COV for amendment of bank guarantee

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code - UTIB0001129, Branch Address - AXIS Bank Ltd, Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District - Dibrugarh, PIN- 786602

**2.0 BID EVALUATION CRITERIA (BEC)**

The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below. The original Bid Closing Date shall be considered by OIL for evaluation of BRC criteria even in case of any extension of the original Bid Closing Date.

**A) TECHNICAL:**

- i) The bids will be evaluated strictly as per NIT specification, terms & conditions.

**B) COMMERCIAL:**

- i) To evaluate the inter-se-ranking of the offers, all Taxes / Levies will be considered as per prevailing Govt. guidelines as applicable on the bid opening date. Bidders may check this with the appropriate authority before submitting their offer.
- ii) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.
- iii) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

**NOTE:**

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.**

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## TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No &amp; Date: SDI9679P19 DT: 08.11.2018

MATERIALS DESCRIPTION	Complied / Not Complied. (Remarks if any)
<p><b><u>ITEM NO. 10 - Qty – 116 Nos</u></b></p> <p><b>White-LED (W-LED) based Stand Alone Solar Street Lighting Systems for OIL's various installations in Assam.</b> The detailed Technical specifications are in the attached Bidder's Response Sheet.</p> <p><b>NB:</b> The Bidders are to submit their offer(Technical) by duly filling up the "Bidder's Offer" column of the attached Bidder's Response Sheet. Additional sheets may be used as and where necessary and the same to clearly marked as: " Annexure No: _____, for Point No ____.</p>	
<p><b><u>ITEM NO. 20</u></b></p> <p><b><u>INSTALLATION &amp; COMMISSIONING - QTY = 01 AU</u></b></p> <p><b><u>INSTALLATION AND COMMISSIONING:</u></b></p> <ol style="list-style-type: none"> <li>1. Installation and Commissioning of the systems as detailed under Sl No D (in Bidder's Response Sheet) to be done by the supplier at their quoted price. The bidder will have to quote mandatorily for the Installation and Commissioning charges, which shall be considered for evaluation of the offers. OIL shall provide transportation facility of the Installation and Commissioning crew from Duliajan to site and welding /cutting jobs involved if any. The food &amp; lodging of the Installation and Commissioning crew should be arranged by the supplier at their own cost.</li> <li>2. All Civil jobs required for erection / installation shall have to be done by supplier.</li> <li>3. Security for both men, material and machines are to be arranged by the supplier during the Installation &amp; Commissioning process.</li> <li>4. Supplier must adhere to all safety norms as laid by OIL during Installation and Commissioning process.</li> <li>5. All work should be done only in OIL's normal working Hours.</li> <li>6. The system shall be considered "Commissioned" only after satisfactory TRIAL RUN of the entire systems (as detailed under Sl. Nos. D above) for a period of not less than 72 hours.</li> </ol>	

**SPECIAL NOTES:-**

a) The Bidders shall have to furnish their bid by filling up the "Bidder's Offer" column in the "Bidder's Response Sheet". No other form of furnishing bids shall be accepted.

b) The bidders may use separate sheet if required in addition to filling up the "Bidder's Offer" column in the offer sheet. In such cases, bidder should clearly indicate the Attachment by providing Attachment / Annexure number in the relevant "Bidder's Offer" column in the "Bidders Response Sheet".

c) Any query / clarification sought by OIL from the Bidder must be furnished within the stipulated time frame. Failing which the offer shall be considered as non responsive and shall be rejected.

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.**

## **BIDDER'S RESPONSE SHEET**

*(Bidder's offer / response to be duly filled in the "Bidder's Offer Column)*

### **WHITE-LED (W-LED) BASED SOLAR STREET LIGHTING SYSTEMS FOR OIL'S VARIOUS INSTALLATIONS IN ASSAM.**

<b>BIDDER'S RESPONSE SHEET (TENDER NO. SDI9679P19 DT: 08.11.2018)</b>			
SI No.	Description	OIL's Specification	Bidder's Offer
A.	BROAD DESCRIPTION	White-LED (W-LED) based Stand Alone Solar Street Lighting Systems for OIL's various installations in Assam.	
		Quantity: 116 (One Hundred Sixteen) Nos	
		Quantity, Location wise: <ul style="list-style-type: none"> <li>➤ Located in Dibrugarh District of Assam : Balijan EPS -10 Nos, Umatara WHS -05 Nos, Borbil WHS -06 Nos, IH in Shalmari fields - 10 Nos, Pithguti IH - 02 Nos, MRN 114 Flow Line IH - 01 No, MRN 107 Flowline IH - 01 No, WSS yard - 15 Nos, Shalmari OCS 1- 12 Nos, Shalmari OCS 2 - 12 Nos, OCS 1 -06 Nos [Total 70 (Seventy) Nos]</li> <li>➤ Located in Tinsukia District of Assam : Digboi Fields – 16 Nos, Loc. HNE – 30 Nos. [Total 46 (Forty Six) Nos]</li> </ul>	
B.	NOTE TO BIDDERS	a) The Bidders shall have to furnish their bid by filling up the "Bidder's Offer" column in the offer sheet. No other form of furnishing bids shall be accepted. b) The bidders may use separate sheet if required in addition to filling up the "Bidder's Offer" column in the offer sheet. In such cases, bidder should clearly indicate the Attachment by providing Attachment / Annexure number in the relevant "Bidder's Offer" column in the offer sheet.	
C.	SYSTEM DATA	1. The following data are to be considered for system design of the White-LED (W-LED) Based Solar Street Lighting Systems as detailed in SI. No. D below.	
		2. Approximate Geographical Location (for 70 Nos Solar Street Lights) : 27.5 ° N latitude & 95.0 ° E longitude (Located in Dibrugarh District of Assam)	
		3. Approximate Geographical Location (for 46 Nos Solar Street Lights) : 27.38° N latitude & 95.63° E longitude (Located in Tinsukia District of Assam)	
		4. Annual Avg. Solar irradiation in KWH/m <sup>2</sup> / Day: 3.93 kWh/m <sup>2</sup> /day	
		<b>5. Days of autonomy to be considered : 03 days</b>	
		6. Conforming Standard: Latest MNRE Publications [Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)]	
D.	SPECIFICATIONS FOR WHITE-LED (W-LED) BASED STANDALONE SOLAR PHOTOVOLTAIC STREET LIGHTING SYSTEMS – Quantity: 116 (One Hundred Sixteen)	a) General Description	A standalone solar photovoltaic street lighting system (SLS) is an outdoor lighting unit used for illuminating a street or an open area. The Solar Street Lighting System consists of solar photovoltaic (SPV) module, a luminaire, storage battery, control electronics, inter-connecting wires/cables, module mounting pole including hardware and battery box. The luminaire is based on White Light Emitting Diode (W-LED), a solid state device which emits light when electric current passes through it. The luminaire is mounted on the pole at a suitable angle to maximize illumination on the ground. The PV module is placed at the top of the pole at an angle facing south so that it receives solar radiation throughout the day, without any shadow falling on it. The battery is placed in a box attached to the pole, just beneath the SPV Module with locking arrangement.  Electricity generated by the PV module charges the battery during the day time which powers the luminaire from dusk to dawn. The system lights at dusk and switches off at dawn automatically and operates from dusk to dawn at

## **BIDDER'S RESPONSE SHEET**

*(Bidder's offer / response to be duly filled in the "Bidder's Offer Column)*

<b>BIDDER'S RESPONSE SHEET (TENDER NO. SDI9679P19 DT: 08.11.2018)</b>				
SI No.	Description	OIL's Specification	Bidder's Offer	
	nos	full Brightness		
		b) Broad Performance Specifications	1. PV Module: Mono / Polycrystalline (Bidder to specify)	
			2. Battery : Lithium Ferro phosphate Battery	
			3. Light Source: White Light Emitting Diode (W-LED) , 7 Watt (Minimum), W-LED luminaire, dispersed beam, soothing to eyes with the use of proper optics and diffuser.	
			4. Light Out put: Minimum 16 Lux when measured at the periphery of 4 meter diameter from a height of 4 meter. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred.	
			5. Mounting of light: Pole mounted, Minimum 4 meters above the ground level, after grouting and final installation.	
			6. Electronics Efficiency: Minimum 85% total	
			<b>7. Duty Cycle: 13 Hours-Dusk to dawn, Auto Cut</b>	
			8. Autonomy: 03 (three) days or Minimum 42 operating hours per permissible discharge.	
		c) PV Module	1. The PV module should have crystalline silicon solar cells and must have a certificate of testing conforming to IEC 61215 Edition II / BIS 14286 from an NABL or IECQ accredited Laboratory. Certificate to be furnished along with the offer.	
			2. The power output of the module(s) under STC should be a minimum of 40 Wp at a load voltage of $16.4 \pm 0.2$ V. (The load voltage and Voc conditions of the PV modules are not applicable for the system having MPPT based charge controller)	
			3. The open circuit voltage of the PV modules under STC should be at least 21.0 Volts. . (The load voltage and Voc conditions of the PV modules are not applicable for the system having MPPT based charge controller)	
			4. The module efficiency should not be less than 12 %.	
			5. The terminal box on the module should have a provision for opening it for replacing the cable, if required.	

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SI No.	Description	OIL's Specification	Bidder's Offer
		6. There should be a Name Plate fixed inside the module which will give: <ol style="list-style-type: none"> <li>a. Name of the Manufacturer or Distinctive Logo.</li> <li>b. Model Number</li> <li>c. Serial Number</li> <li>d. Year of manufacture</li> </ol>	
		7. A distinctive serial number starting with NSM will be engraved on the frame of the module or screen printed on the tedlar sheet of the module.	
	d) Battery	1. Type: Lithium Ferro Phosphate Battery.	
		2. Make: To be indicated by the bidder	
		3. Model: To be indicated by the bidder	
		4. Rating: Minimum 160 Wh capacity Lithium Ferro Phosphate Battery. NB: The rating of offered battery(s) wrt the Selected PV Module(s), duty cycle and days of autonomy should be provided in the offer. <b>The detailed calculation for the selection of the Battery(s) rating wrt the designed PV Module, Light Source output, Duty cycle and Days of Autonomy should be forwarded along with the offer for evaluation at our end.</b>	
		5. Battery should conform to the latest BIS/ International standards.	
		6. The system should have protection against battery overcharge and deep discharge conditions. <b>The details of the charge controller to be provided along with the offer for review at our end.</b>	
		7. A vented, acid proof and corrosion resistant metallic box or plastic box [made of Polypropylene-Copolymer (PP-CP)] with a locking arrangement for outdoor use should be provided for housing the battery. The same should be placed on the Pole mounting the PV module, and shall be located just beneath the PV Module at an approximate height of 4 meters from Ground level.	
	e) Light Source	1. Power: 7 Watt (Minimum)	
		2. Type: The light source will be a white LED type.	
		3. Light Out put: Minimum 16 Lux when measured at the periphery of 04 meter diameter from a height of 04 meter. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred.	
		4. Mounting: The height of the pole where the Light shall be mounted, should be 5 metres above the ground level, after grouting and final installation.	
		5. The colour temperature of white LED used in the system should be in the	



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BIDDER'S RESPONSE SHEET (TENDER NO. SDI9679P19 DT: 08.11.2018)			
SI No.	Description	OIL's Specification	Bidder's Offer
		range of 5500 K-6500 K.	
		6. W-LEDs should not emit ultraviolet light.	
		7. The light output from the white LED light source should be constant throughout the duty cycle.	
		8. The lamps should be housed in a weatherproof assembly suitable for outdoor use.	
		9. The temperature of heat sink should not increase more than 20°C above ambient temperature during the dusk to dawn operation.	
	f) Electronics	1. The total electronic efficiency should be at least 85%.	
		2. Electronics should operate at 12 V and should have temperature compensation for proper charging of the battery throughout the year.	
		3. No Load current consumption should be less than 20 mA.	
		4. The PV module itself should be used to sense the ambient light level for auto switching ON and OFF the lamp.	
		5. The PCB containing the electronics should be capable of solder free installation and replacement.	
		6. Necessary lengths of wires/cables, switches suitable for DC use and fuses should be provided.	
		7. The bidder should provide along with the offer the following data:	
		(i) Type of offered charge controller	
		(ii) Make and Model of the offered charge controller	
		<b>(iii) The detailed calculation for the selection of the offered charge controller wrt the designed PV Module, Light Source output, Battery(s) rating, Duty cycle and Days of Autonomy should be forwarded along with the offer for evaluation at our end.</b>	
		8. All the electrical and electronics item should be suitable housed in weatherproof housings capable of withstanding severe weather conditions.	
	g) Electronic Protections	1. Adequate protection is to be incorporated under "No Load" conditions e.g. when the lamp is removed and the system is switched ON.	
		2. The system should have protection against battery overcharge and deep discharge conditions.	
		3. Fuse should be provided to protect against short circuit conditions.	
		4. Protection for reverse flow of current through the PV module(s) should be	

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SI No.	Description	OIL's Specification	Bidder's Offer
		provided.	
		5. Electronics should have temperature compensation for proper charging of the battery throughout the year.	
		6. Adequate protection should be provided against battery reverse polarity.	
		7. Load reconnect should be provided at 80% of the battery capacity status.	
	h) Mechanical Components	1. A corrosion resistant metallic frame structure should be fixed on the pole to hold the SPV module.	
		2. The frame structure should have provision to adjust its angle of inclination to the horizontal between 0 and 45, so that the module can be oriented at the specified tilt angle.	
		3. The pole should be made of Galvanised Iron (GI) pipe.	
		4. The height of the pole should be 4 metres above the ground level, after grouting and final installation.	
		5. The pole should have the provision to hold the luminaire.	
		6. The Luminaire housing should be water proof (IP 65) and should be painted with a corrosion resistant paint	
		7. A vented, acid proof and corrosion resistant metallic box or plastic box [made of Polypropylene-Copolymer (PP-CP)] with a locking arrangement for outdoor use should be provided for housing the battery. A vented, acid proof and corrosion resistant metallic box or plastic box [made of Polypropylene-Copolymer (PP-CP)] with a locking arrangement for outdoor use should be provided for housing the battery. The same should be placed on the Pole mounting the PV module, and shall be located just beneath the PV Module at an approximate height of 4 meters from Ground level.	
	i) Indicators	1. The system should have two indicators, green and red.	
		2. The green indicator should indicate the charging under progress and should glow only when the charging is taking place. It should stop glowing when the battery is fully charged.	
		3. Red indicator should indicate the battery "Load Cut Off" condition.	
	i) Operation and Maintenance Manual	An Operation, Instruction and Maintenance Manual, in English and the local language, should be provided with the Solar Street Lighting System. The following minimum details must be provided in the Manual: a) Basic principles of Photovoltaics. b) A small write-up (with a block diagram) on Solar Street Lighting System -	

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SI No.	Description	OIL's Specification	Bidder's Offer
		<p>its components, PV module, battery, electronics and luminaire and expected performance.</p> <p>c) Type, Model number, Voltage &amp; capacity of the battery, used in the system.</p> <p>d) The make, model number, country of origin and technical characteristics (including IESNA LM-80 report) of W-LEDs used in the lighting system.</p> <p>e) About Charging and Significance of indicators.</p> <p>f) Clear instructions about erection of pole and mounting of PV module (s) and lamp housing assembly on the pole.</p> <p>g) Clear instructions on regular maintenance and trouble shooting of the Solar Street Lighting System.</p> <p>h) DO's and DONT's.</p> <p>i) Name and address of the contact person for repair and maintenance, in case of non-functionality of the solar street lighting system.</p>	
E.	QUALITY AND WARRANTY	White-LED (W-LED) Based Solar Street Lighting Systems– Quantity: *** Nos. as detailed under SI No D above shall have to be warranted as below:	
		1. The street lighting system (including the battery) will be warranted for a period of five years from the date of supply.	
		2. The PV module(s) will be warranted for a minimum period of 25 years from the date of supply. The PV modules must be warranted for their output peak watt capacity, which should not be less than 90% at the end of Ten (10) years and 80% at the end of Twenty five (25) years.	
		3. The Warranty Card to be supplied with the system must contain the details of the system.	
F.	PACKING AND TRANSPORTATION	1. All the items shall have to be suitably packed for transfer. Packings should done in a way to avoid water ingress, damages/ breakage during transit.	
		2. Any item(s) found damaged during transit shall have to be replaced free of cost by the supplier.	
G.	INSTALLATION AND COMMISSIONING	1. Installation and Commissioning of the systems as detailed under SI No D above to be done by the supplier at their quoted price. The bidder will have to quote mandatorily for the Installation and Commissioning charges, which shall be considered for evaluation of the offers. OIL shall provide transportation facility of the Installation and Commissioning crew from Duliajan to site and welding /cutting jobs involved if any. The food & lodging of the Installation and Commissioning crew should be arranged by the supplier at their own cost.	
		2. All Civil jobs required for erection / installation shall have to be done by supplier.	
		3. Security for both men, material and machines are to be arranged by the supplier during the Installation & Commissioning process.	

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<b>BIDDER'S RESPONSE SHEET (TENDER NO. SDI9679P19 DT: 08.11.2018)</b>			
SI No.	Description	OIL's Specification	Bidder's Offer
		4. Supplier must adhere to all safety norms as laid by OIL during Installation and Commissioning process.	
		5. All work should be done only in OIL's normal working Hours.	
		6. The system shall be considered "Commissioned" only after satisfactory TRIAL RUN of the entire systems (as detailed under Sl. Nos. D above) for a period of not less than 72 hours.	
H.	SPECIAL NOTES	1. The bidder must submit an undertaking in writing clearly undertaking that, the quoted standalone solar photovoltaic street lighting systems shall work satisfactorily and as specified at the locations mentioned in the C. System Data according to the Light output, Duty Cycle & Days of Autonomy as per detailed specifications as per D. SPECIFICATIONS FOR WHITE-LED (W-LED) BASED STANDALONE SOLAR PHOTOVOLTAIC STREET LIGHTING SYSTEMS.	
		2. Any query / clarification sought by OIL from the Bidder must be furnished within the stipulated time frame. Failing which the offer shall be considered as non responsive and shall be rejected.	
		3. All documents in the bid shall have to be furnished as detailed under Sl. No. B : Note to Bidders of the NIT.	
I.	BID REJECTION CRITERIA( BRC) / BID EVALUATION CRITERIA (BEC) (TECHNICAL)	<p>1. Bidder's Qualification :</p> <p>a) Bidder should be an Original Equipment Manufacturer (OEM) of SPV Based Solar Street Lighting Systems.</p> <p style="text-align: center;">OR</p> <p>b) Bidder should be an authorized dealer of OEM for SPV Based Solar Street Lighting Systems.</p> <p style="text-align: center;">OR</p> <p>c) Bidder should be an OEM approved assembler of SPV Based Solar Street Lighting Systems.</p> <p>NB: In all the above scenarios under a), b) &amp; c) valid documentary evidence / authorization letter from OEM supporting the claim must be furnished along with the offer.</p>	
		<p>2. Bidder's Experience :</p> <p>(A) The bidder should have experience of successfully executing at least 1(one) similar order for Rs. 14.75 Lakhs only in preceding 5(five) years.</p> <p style="text-align: center;">Or</p> <p>The bidder should have experience of successfully executing at least 1(one) similar order for supply, installation and commissioning of 58 (Fifty Eight) nos standalone solar photovoltaic street lighting systems in preceding 5(five) years.</p> <p>("similar order" above means: supply, installation and commissioning standalone solar photovoltaic street lighting systems.)</p>	

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SI No.	Description	OIL's Specification	Bidder's Offer
		<p>(B)The bidder shall submit documentary evidence in support of his previous supply experience as follows :</p> <p>i) Copy (ies) of Purchase Order(s) clearly mentioning the Gross value and Quantity of the order, AND</p> <p>ii) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s).</p> <ul style="list-style-type: none"><li>- Completion report / performance certificate from the clients,</li><li>- Consignment note.</li><li>- Delivery challan / invoice etc.</li><li>- Any other documentary evidence that can substantiate the successful execution of each of the Purchase Orders(s) cited above.</li></ul>	

<b>Signature</b>			
<b>Name</b>			
<b>Designation</b>			
<b>Name of Company / Organization</b>			
<b>Contact Details</b>	<b>Phone Number</b>		<b>e-mail ID</b>
<b>Stamp / Seal of Company / Organization</b>			

**Technical Bid Checklist****Annexure-EEE**

Tender No.			
Bidder's Name :			
		<b>Compliance by Bidder</b>	
Sl. NO.	BEC / TENDER REQUIREMENTS	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(\*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Received Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

**Response Sheet**

Annexure-FFF

Tender No.
Bidders Name

**Bidders Response Sheet**

SI No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

**NOTE: Please fill up the greyed cells only.**

(\*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Received Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

**(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETER HEAD)  
(ALL FIELDS ARE MANDATORY)**

Tender No. :.....  
Name of Beneficiary :M/s.....  
Vendor Code :.....  
Address :.....  
.....  
Phone No. (Land Line) :.....  
Mobile No. :.....  
E-mail address :.....  
Bank Account No. (Minimum  
Eleven Digit No.) :.....  
Bank Name :.....  
Branch :.....  
Complete Address of your  
Bank :.....  
IFSC Code of your Bank  
a) RTGS :.....  
b) NEFT :.....  
PAN :.....  
VAT Registration No. :.....  
CST Registration No. :.....  
Service Tax Registration No. :.....  
Provident Fund Registration :.....

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

Office Seal

.....  
Signature of Vendor

Counter Signed by Banker:  
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

- 1) PAN Card
- 2) VAT Registration Certificate
- 3) Service Tax Registration
- 4) CST Registration
- 5) Provident Registration Certificate
- 6) Cancelled cheque of the bank account mentioned above (in original).
- 7) Bank Statement not older than 15 days on the date of submission.