

सत्यमेव जयते

## **INDIA NON JUDICIAL**

**Government of National Capital Territory of Delhi**

e-Stamp

Certificate No.	: IN-DL83719811595624W
Certificate Issued Date	: 03-May-2024 02:23 PM
Account Reference	: IMPACC (IV)/ dl988103/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DLLD98810325325317814480W
Purchased by	: SOLAR ENERGY CORPORATION OF INDIA LIMITED
Description of Document	: Article 5 General Agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: SOLAR ENERGY CORPORATION OF INDIA LIMITED
Second Party	: LARSEN AND TOUBRO LIMITED
Stamp Duty Paid By	: SOLAR ENERGY CORPORATION OF INDIA LIMITED
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)

## सत्यमेव जयते



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100-0163719B11595624W

## Contract Agreement

CA No: SECI/C&P/OP/17/007/2022-23/CA/Larsen and Toubro Limited

THIS AGREEMENT is made on the 7<sup>th</sup> day of May, 2024,  
BETWEEN

(1) Solar Energy Corporation of India Limited, New Delhi, a corporation incorporated under the laws of Companies Act 1956 and as amended and having its principal place of



## Statutory A

1. The authenticity of this Stamp certificate should be verified at '[www.shcilestamp.com](http://www.shcilestamp.com)' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.  
2. The onus of checking the legitimacy is on the users of the certificate.  
3. In case of any discrepancy please inform the Competent Authority.



business at 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023, India, India (hereinafter called "the Employer"), and (2) M/s Larsen and Toubro Limited a company incorporated under section 2(20) of the Companies Act 2013, having its Registered Office at L&T House, Narottam Morarjee Marg, Ballard Estate, Mumbai-400001 and Construction Head office at P.B.No : 979, Mount Poonamallee Road, Manappakkam, Chennai 600089, Tamilnadu, India (hereinafter called "the Contractor").

WHEREAS the Employer desires to engage the Contractor to design, manufacture, test, deliver, install, complete and commission certain Facilities, viz. "**Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of 100 MW (AC) Floating Solar PV Project having 05 years plant O&M at Getalsud Dam, Ranchi, Jharkhand India**" ("the Facilities"), and the Contractor has agreed to such engagement upon and subject to the terms and conditions hereinafter appearing.

NOW IT IS HEREBY AGREED as follows:

**Article 1. Contract Documents**

**1.1 Contract Documents (Reference GCC Clause 2)**

The following documents shall constitute the Contract between the Employer and the Contractor, and each shall be read and construed as an integral part of the Contract:

- (a) This Contract Agreement No SECI/C&P/OP/17/007/2022-23/CA/Larsen and Toubro Limited dated 07.05.2024 and the Appendices hereto.
- (b) Letter of Acceptance No SECI/C&P/OP/17/007/2022-23/LOA/Larsen and Toubro Limited/63555 dated 19.04.2024
- (c) Best & Final Offer (BAFO) price offer by M/s Larsen and Toubro Limited dated 14.02.2024.
- (d) Letter of Bid and Price Schedules submitted by the Contractor dated 28.11.2023 for the subject RfB along with Amendment No 01 & Pre-Bid clarifications, Amendment 02, Queries and Amendment 03, Amendment 04 and Amendment 05 released on dated 23.06.2023, 10.08.2023, 12.10.2023, 26.10.2023 and 20.11.2023 respectively.
- (e) Particular Conditions
- (f) General Conditions
- (g) Specification
- (h) Drawings
- (i) Other completed Bidding forms submitted with the Bid



- (j) Any other documents forming part of the Employer's Requirements
- (k) Provisions of the other Sections of the Bidding document, except PCC & GCC)

**1.2 Order of Precedence (Reference GCC Clause 2)**

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1 (Contract Documents) above.

**1.3 Definitions (Reference GCC Clause 1)**

Capitalized words and phrases used herein shall have the same meanings as are ascribed to them in the General Conditions.

**Article 2. Contract Price and Terms of Payment**

**2.1 Contract Price (Reference GCC Clause 11)**

The Employer hereby agrees to pay to the Contractor the Contract Price in consideration of the performance by the Contractor of its obligations hereunder. The Contract Price shall be the aggregate of:

**INR 6,06,14,09,306.83 (Indian Rupees Six hundred and six crores, fourteen lakhs, nine thousand, three hundred & six and eighty-three paisa only), which is the EPC Price & absolute O&M Price including GST for a period of 05 years, or such other sums as may be determined in accordance with the terms and conditions of the Contract. This is the final contract price on which the Contract Agreement is awarded.**

**The above-mentioned Contract Price in INR has been derived based on the conversion of USD component of USD 3,78,37,512.99 quoted under SOR 1 for the Imported Items @ FBIL Exchange rate of 83.3357 dated 04.12.2023. For all practical purposes, like PBG, ABG, Liquidated Damages etc, this contract price will be used.**

**However, for the purpose of payment & in line with the terms and conditions of the RfB, the respective Imported supplies quoted under SOR1 in USD will be paid in USD & Domestic Supplies, Design, Services & Absolute O&M charges quoted under SOR 2,3,4 & 5 in INR, will be paid in INR. The details of respective USD & INR Price components are attached with the Contract Agreement as Appendix 13.**



Further, the above-mentioned Contract Price is having a Deemed Export Benefit component {BCD component on Modules, Inverters and BoS amounting to USD 97,43,968.74 or INR 81,20,20,455.99 (excluding GST on BCD value) or USD 1,10,88,636.43 or INR 92,40,79,278.92 (including GST on BCD value)}, which will be exempted in line with the declaration as submitted by M/s Larsen and Toubro under the Deemed Export benefit & against the Project Authority Certificate provided by SECI.

## 2.2 Terms of Payment (Reference GCC Clause 12)

The terms and procedures of payment according to which the Employer will reimburse the Contractor are given in the Appendix (Terms and Procedures of Payment) hereto.

The Employer may at its option instruct its bank to issue an irrevocable confirmed documentary credit made available to the Contractor in a bank in the country of the Contractor. The credit shall be for an amount of \_\_\_\_\_ ; and shall be subject to the Uniform Customs and Practice for Documentary Credits 2007 Revision, ICC Publication No. 600. (if applicable)

In the event that the amount payable under Schedule No. 1 is adjusted in accordance with GCC 11.2 or with any of the other terms of the Contract, the Employer shall arrange for the documentary credit to be amended accordingly.

## Article 3. Effective Date

### 3.1 Effective Date (Reference GCC Clause 1)

The Effective Date from which the Time for Completion of the Facilities shall be counted is the date when all of the following conditions have been fulfilled:

- (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor i.e. 07.05.2024. The date of this Contract Agreement shall also stand as the date of Notice to proceed (NTP). Hence, the NTP date for the clause No 8 of the PCC shall be counted from the Contract Agreement date only & all contractual obligations will be started from the date of the Contract Agreement.
- (b) The Contractor has submitted to the Employer the Performance Security and the advance payment guarantee;



Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable.

3.2 If the conditions listed under 3.1 are not fulfilled within two (2) months from the date of this Contract notification because of reasons not attributable to the Contractor, the Parties shall discuss and agree on an equitable adjustment to the Contract Price and the Time for Completion and/or other relevant conditions of the Contract.

**Article 4.  
Communications**

4.1 The address of the Employer for notice purposes, pursuant to GCC  
4.1 is: **6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023, India**

4.2 The address of the Contractor for notice purposes, pursuant to GCC  
4.1 is: **Mount Poonamallee Road Manapakkam, P.B.No.979 Chennai 600089, India**

**Article 5.  
Appendices**

5.1 The Appendices listed in the attached List of Appendices shall be deemed to form an integral part of this Contract Agreement.

5.2 Reference in the Contract to any Appendix shall mean the Appendices attached hereto, and the Contract shall be read and construed accordingly.

IN WITNESS WHEREOF the Employer and the Contractor have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

Signed by, for and on behalf of the Employer

*[Signature] 07/05/2024*  
*अजय कुमार सिंह / Ajay Kumar Sinha*  
अपर एनर्जी कॉर्पोरेशन (सौर ऊर्जा द्वारा) Addt. General Manager (Contracts & Procurement)  
सोलर सरकार का उद्योग लि. / Solar Energy Corp. of India Ltd.  
(गोवर्नमेंट संस्थान का उद्योग) / (A Govt. of India Enterprise)  
वडी मंड़ी, लेट-वी, एनसीसीसी बायांस लोड प्लॉ. १०८२, ईस्ट बिल्डिंग, नई दिल्ली-२३  
6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-23

in the presence of *Sandeep Kumar*

*DGM - C&P*  
**संदीप कुमार / SANDEEP KUMAR**  
उप नियन्त्रणक (सौर ऊर्जा द्वारा)  
Dy. General Manager (Contracts & Procurement)  
अपर एनर्जी कॉर्पोरेशन (सौर ऊर्जा द्वारा) Addt. General Manager (Contracts & Procurement)  
सोलर सरकार का उद्योग लि. / Solar Energy Corp. of India Ltd.  
(गोवर्नमेंट संस्थान का उद्योग) / (A Govt. of India Enterprise)  
वडी मंड़ी, लेट-वी, एनसीसीसी बायांस लोड प्लॉ. १०८२, ईस्ट बिल्डिंग, नई दिल्ली-२३  
6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-23



Signed by, for and on behalf of the Contractor

[Signature]



07 - 05 - 2024

Mr. Deepak Kumar Nayak,  
General Manager & Head Renewable (Domestic BU),  
Larsen & Toubro Limited

[Title]

in the presence of PRADEEP CHAUDHARY

#### APPENDICES

- Appendix 1 Terms and Procedures of Payment
- Appendix 2 Price Adjustment
- Appendix 3 Insurance Requirements
- Appendix 4 Time Schedule
- Appendix 5 List of Major Items of Plant and Installation Services and List of Approved Subcontractors
- Appendix 6 Scope of Works and Supply by the Employer
- Appendix 7 List of Documents for Approval or Review
- Appendix 8 Functional Guarantees
- Appendix 9 Performance Security
- Appendix 10 Liquidated damages
- Appendix 11 Appointment of the Dispute Board (DB) members
- Appendix 12 Operation & Maintenance Agreement (Annexure C)
- Appendix 13 Schedule of Rates (SOR)
- Appendix 14 List of proposed subcontractors/manufacturers for major items



## Appendix 1 Terms and Procedures of Payment



## Appendix 1. Terms and Procedures of Payment

In accordance with the provisions of GCC Clause 12 (Terms of Payment), the Employer shall pay the Contractor in the following manner and at the following times, on the basis of the Price Breakdown given in the section on Price Schedules. Payments will be made in the currencies quoted by the Bidder unless otherwise agreed between the Parties. Applications for payment in respect of part deliveries may be made by the Contractor as work proceeds.

### TERMS OF PAYMENT

#### Schedule No. 1. Plant and Equipment Supplied from Abroad

In respect of plant and equipment supplied from abroad, the following payments shall be made:

Ten percent (10%) of the total amount (of Schedule No. 1) as an advance payment against receipt of Proforma invoice and an irrevocable advance payment security for the 100 % amount made out in favor of the Employer. The advance payment security may be reduced in proportion to the value of the 10% advance payment adjusted against plant and equipment delivered to the site, as evidenced by shipping and delivery documents<sup>1</sup>.

Seventy percent (70%) of the total or pro rata amount (of Schedule No. 1), upon delivery to the destination within forty-five (45) days after receipt of materials and relevant documents<sup>23</sup>.

Ten percent (10%) of the total or pro rata amount (of Schedule No. 1), upon successful erection, testing and commissioning of materials at site and Operational Acceptance of the plant pursuant to successful functional Guarantee Tests.

Ten percent (10 %) of the total or pro rata amount (of Schedule No. 1) within forty-five (45) days of receipt of invoice after final acceptance of the Plant facilities, pursuant to submission of all requisite documentation including submission of all as-built drawings and documents.

<sup>1</sup> Income Tax Order/Tax Residency Certificate in case of CIP supplies,

<sup>2</sup> Packing list, evidence of dispatch (GR/ LR/BL/AWB copy), Copies of Custom Duty/Taxation, Insurance Certificate, Manufacturer's/ Contractor's Guarantee certificate and MDCC (Material Dispatch Clearance Certificate) issued by Employer's authorized representative in original. BCD+SWS & SGD+ADD being of reimbursement nature duties, Employer will reimburse the amount for BCD+SWS & SGD+ADD at actuals against the submission of documentary evidence only, with a MAXIMUM CEILING of BCD+SWS & SGD+ADD charges as mentioned by the Bidder in the Price Schedules No 1 at the time of bidding.

<sup>3</sup> At this stage, contractor shall submit the Invoice against for adjustment of advance payment apart from the mentioned milestone.

All the above requirements will be suitably applied for all other Schedules, wherever applicable.



#### Schedule No. 2. Plant and Equipment Supplied from within the Employer's Country

In respect of plant and equipment supplied from within the Employer's Country, the following payments shall be made:

Ten percent (10%) of the total amount (of Schedule No. 2) as an advance payment against receipt of invoice and an irrevocable advance payment security for the 100% amount made out in favor of the Employer. The advance payment security may be reduced in proportion to the value of the 10% advance payment adjusted against plant and equipment delivered to the site, as evidenced by shipping and delivery documents.

Seventy percent (70%) of the total or pro rata amount (of Schedule No. 2), upon delivery to the destination within forty-five (45) days after receipt of materials and relevant documents.<sup>4</sup>

Ten percent (10%) of the total or pro rata amount (of Schedule No. 2), upon successful erection, testing and commissioning of materials at site and Operational Acceptance of the plant pursuant to successful functional Guarantee Tests.

Ten percent (10 %) of the total or pro rata amount (of Schedule No. 2) within forty-five (45) days of receipt of invoice after final acceptance of the Plant facilities, pursuant to submission of all requisite documentation including submission of all as-built drawings and documents.

#### Schedule No. 3. Design Services

In respect of design services for both the foreign currency and the local currency portions, the following payments shall be made:

Ten percent (10%) of the total design services amount as an advance payment against receipt of invoice, and an irrevocable advance payment security for the 100% amount made out in favor of the Employer. For the purpose of advance settlement, the Contractor will provide the invoice of advance taken, during further course of payments.

Ninety percent (90%) of the total or pro rata design services amount upon acceptance of design in accordance with GCC Clause 20 by the Project Manager within forty-five (45) days after receipt of invoice.<sup>5</sup>

#### Schedule No. 4. Installation and other Services

In respect of installation and other services for the local currency portion, the following payments shall be made:

<sup>4</sup> At this stage, contractor shall submit the Invoice against for adjustment of advance payment apart from the mentioned milestone.

<sup>5</sup> At this stage, contractor shall submit the Invoice against for adjustment of advance payment apart from the mentioned milestone.



Ten percent (10%) of the total installation and other services amount (of Schedule No. 4) as an advance payment against receipt of invoice, and an irrevocable advance payment security for the 100% amount made out in favor of the Employer. The advance payment security may be reduced in proportion to the value of 10% advance payment adjusted against work performed by the Contractor as evidenced by the invoices for installation and other services.

Eighty percent (80%) of the measured value of work performed by the Contractor, as identified in the said Program of Performance, during the preceding month, as evidenced by the Employer's authorization of the Contractor's application, will be made monthly within forty-five (45) days after receipt of invoice.<sup>6</sup>

Five percent (5%) of the total or pro rata value of installation and other services (of Schedule No. 4) within forty-five (45) days of Operational Acceptance of the plant pursuant to successful integration with existing internal grid system & functional Guarantee Tests and completion of all the civil works including finishing and debris removal.

Five percent (5%) of the total or pro rata value of installation and services (of Schedule No. 4) within forty-five (45) days after receipt of invoice after final acceptance of the Plant facilities or completion of First year of O&M of Plant, whichever is later, pursuant to submission of all requisite documentation including submission of all as-built drawings and documents.

#### **Interest on Delayed Payments:**

In the event that the Employer fails to make any payment on its respective due date, the Employer shall pay to the Contractor interest on amount of such delayed payment at the rate as applicable for 46 days term deposit scheme as established by State Bank of India for Local currency payment and London Inter Bank Offered Rate (LIBOR) for Foreign currency payment, shall become payable for the period of delay until payment has been made in full.

#### **PAYMENT PROCEDURES**

##### **Method of Payment**

In case of an Indian bidder, following additional clauses will be applicable

(a) In case of supply from within India or wherever the GST is applicable in the tendering process, if there is difference in HSN/SAC classification and corresponding rate of GST of an item as confirmed/deemed confirmed by the bidder in its bid and HSN/SAC and corresponding rate of GST as interpreted under any interpretation/ judgment/ Notification/ Circular issued under the GST law before or after the award of contract, GST reimbursable to the bidder/Bidder

<sup>6</sup> At this stage, contractor shall submit the Invoice against for adjustment of advance payment apart from the mentioned milestone.



shall be lower of the GST applicable at the rate as confirmed/deemed confirmed in the bid or actual GST paid/payable by the bidder for that item.

(b) While raising invoice/proforma invoice for Supply of Goods from within India, Contractor shall bill to and ship to the address of the Employer where the Goods or part thereof is to be Supplied and mention GSTIN of Employer. In case of Supply of Services from within India, the Bidder shall invoice the Employer using the GSTIN of Employer in the state in which the service or part thereof is to be rendered. In the event that the Bidder fails to provide the invoice in the form and manner prescribed under the GST Act and Rules, the Employer shall not be liable to make any payment against such invoice.

(c) The recovery of TDS under GST/Income Tax Act and any other acts as per Govt. regulation related to this work shall be done by the Employer. TDS so deducted by Employer shall be deposited with the relevant tax authorities and TDS certificates shall be issued using PAN, TIN, TAN of Employer accordingly. Relevant challans and copies of the TDS certificates shall be forwarded to 'Employer for filing necessary returns. In case, wherever E-filing system is applicable, the relevant information would be given to the Employer for issuing TDS certificate, filing returns, etc.

(d) Notwithstanding anything above or elsewhere in the Contract, in the event that the input tax credit of the GST charged by the Bidder is denied by the tax authorities to the Employer for reasons associated with non-compliance/ incorrect compliance by the Bidder, the Employer shall be entitled to recover such amount from the Bidder by way of adjustment from any of the subsequent invoices submitted by the Bidder to the Employer. In addition to the amount of GST, the Employer shall also be entitled to recover interest and penalty, in case any interest and/or penalty are imposed by the tax authorities on the Employer for incorrect/wrong availment of Input Tax Credit. The Employer shall determine whether the denial of credit is linked to the non-compliance/ incorrect compliance of the Bidder and the said determination shall be binding on the Bidder.

(e) Any income tax payable in respect of supervisory services rendered by foreign Seller under the Contract shall be as per the Indian Income Tax Act and shall be borne by SELLER. It is up to the bidder/seller to ascertain the amount of these taxes and to include them in his bid price. The bidder will have to bear all income tax liability, if any both Corporate as well as for his personal.

(f) The Employer shall make payments promptly within Forty-Five (45) days of submission of an invoice/claim by the Contractor, complete in all respects and supported by the requisite documents and fulfillment of stipulated conditions, if any. All the payment shall be released to the Contractor directly.

(g) All payments to be made directly to the Contractor shall be made by the Employer though electronic payment mechanism (e-payment) for which necessary details shall be tied up during execution of the Contract. However, a request for payment to be released through cheque shall be considered on case to case basis and merit of the same.

(h) All invoices shall be raised in the name of Employer, Solar Energy Corporation of India (SECI) Limited, New Delhi

(i) In case of Contractor being a Joint Venture of two or more firms, the payment under the Contract shall be received by the Lead Partner on behalf of the Joint Venture, as per power



conferred to it in the Power of Attorney. The payment under the Contract, however, can also be received by other Partner(s) based on authorization of the Lead Partner.

The day the payment is made, a mail stating the "Bill number, net payment amount and details of the bank from where the payment has been made" will be sent to the Contractor.

Note: Pro-rata shall refer to functionally complete part(s) of the facilities, for which rates are identified in the contract.

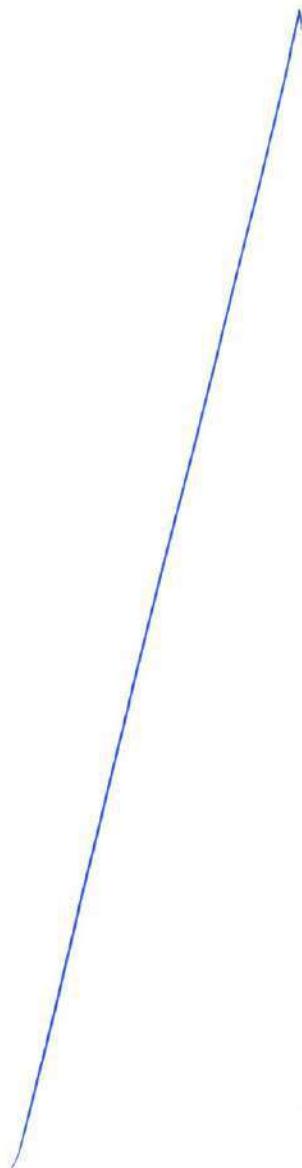


## Appendix 2 Price Adjustment



## Appendix 2. Price Adjustment

Not Applicable



### Appendix 3 Insurance Requirements



### Appendix 3. Insurance Requirements

#### **Insurances to be Taken Out by the Contractor**

In accordance with the provisions of GCC Clause 34, the Contractor shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect, during the performance of the Contract, the insurances set forth below in the sums and with the deductibles and other conditions specified. The identity of the insurers and the form of the policies shall be subject to the approval of the Employer, such approval not to be unreasonably withheld.

##### **(a) Cargo Insurance**

Covering loss or damage occurring, while in transit from the supplier's or manufacturer's works or stores until arrival at the Site, to the Facilities (including spare parts therefor) and to the construction equipment to be provided by the Contractor or its Subcontractors.

Amount	Deductible limits	Parties Insured	From	To
110% of the (Ex-works value / CIP value)	NIL	Contractor & Employer	Warehouse	Warehouse + 60 days

##### **(b) Installation All Risks Insurance**

Covering physical loss or damage to the Facilities at the Site, occurring prior to completion of the Facilities, with an extended maintenance coverage for the Contractor's liability in respect of any loss or damage occurring during the defect liability period while the Contractor is on the Site for the purpose of performing its obligations during the defect liability period.

Amount	Deductible limits	Parties Insured	From	To
110% of the (Contract Price)	NIL	Contractor/ Sub-contractor & Employer	Receipt at site	Upto Defect Liability period

##### **(c) Third Party Liability Insurance**

Covering bodily injury or death suffered by third parties (including the Employer's Personnel) and loss of or damage to property (including the Employer's property and any parts of the Facilities that have been accepted by the Employer) occurring in connection with the supply and installation of the Facilities.

Amount	Deductible limits	Parties Insured	From	To



Rs. 0.5 million per person per occasion	NIL	Contractor/ Sub-contractor	Commencement of work	Upto Defect Liability period
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(d) Automobile Liability Insurance

Covering use of all vehicles used by the Contractor or its Subcontractors (whether or not owned by them) in connection with the supply and installation of the Facilities. Comprehensive insurance in accordance with statutory requirements.

(e) Workers' Compensation

In accordance with the statutory requirements applicable in any country where the Facilities or any part thereof is executed.

(f) Employer's Liability

In accordance with the statutory requirements applicable in any country where the Facilities or any part thereof is executed.

(g) Other Insurances

The Contractor is also required to take out and maintain at its own cost the following insurances:

Details:

Amount	Deductible limits	Parties Insured	From	To
To be indicated by the Contractor	NIL	Contractor/ Sub-contractor & Employer	Receipt at site	Upto Defect Liability period

The Employer shall be named as co-insured under all insurance policies taken out by the Contractor pursuant to GCC Sub-Clause 34.1, except for the Third Party Liability, Workers' Compensation and Employer's Liability Insurances, and the Contractor's Subcontractors shall be named as co-insureds under all insurance policies taken out by the Contractor pursuant to GCC Sub-Clause 34.1, except for the Cargo, Workers' Compensation and Employer's Liability Insurances. All insurer's rights of subrogation against such co-insureds for losses or claims arising out of the performance of the Contract shall be waived under such policies.



### **Insurances to Be Taken Out by The Employer**

The Employer shall at its expense take out and maintain in effect during the performance of the Contract the following insurances.

Details:

<u>Amount</u>	<u>Deductible limits</u>	<u>Parties insured</u>	<u>From</u>	<u>To</u>
---------------	--------------------------	------------------------	-------------	-----------

**NIL**



## Appendix 4 Time Schedule



#### Appendix 4. Time Schedule

1. The Contractor shall commence work on the Facilities within 20 (Twenty) Days from the Effective Date of the contract agreement as specified in the Contract Agreement

However, Works shall not commence on any portion of the site except fencing, security guard and other services required to keep the plant boundary safe until Contractor's ESMP is approved and relevant pre-construction measures have been implemented to the satisfaction of the Employer.

2. The Time for Completion of the whole of the Plant Facilities shall be 18 (Eighteen) Months till commissioning from the Effective Date as described in the Contract Agreement.
3. The Operation & Maintenance (O&M) period of the Plant facility will be there for a period of 05 (five) years from the date of Operational acceptance of the Plant Facilities.
4. Complete Operation & Maintenance of the Plant Facilities is a part of this contract. The scope of work, service level agreement and specific payment for O&M is consolidated and Annexed as "Appendix 12" to the bidding document as "Part of Operations and Maintenance Agreement For the 100 MW Floating Solar PV Plant (Annexure C)"



Appendix 5 List of Major Items of Plant and Installation  
Services and List of Approved Subcontractors



## **Appendix 5. List of Major Items of Plant and Installation Services and List of Approved Subcontractors**

A list of major items of Plant and Installation Services is provided below.

The following Subcontractors and/or manufacturers are approved for carrying out the items of the Facilities indicated below. Where more than one Subcontractor is listed, the Contractor is free to choose between them, but it must notify the Employer of its choice in good time prior to appointing any selected Subcontractor. In accordance with GCC Sub-Clause 19.1, the Contractor is free to submit proposals for Subcontractors for additional items from time to time. No Subcontracts shall be placed with any such Subcontractors for additional items until the Subcontractors have been approved in writing by the Employer and their names have been added to this list of Approved Subcontractors.

The list of proposed subcontractors/manufacturers for major items is attached as **Appendix 14** to the Contract Agreement.



## Appendix 6 Scope of Works and Supply by the Employer



## **Appendix 6. Scope of Works and Supply by the Employer**

The following personnel, facilities, works and supplies will be provided/supplied by the Employer, and the provisions of GCC Clauses 10, 21 and 24 shall apply as appropriate.

All personnel, facilities, works and supplies will be provided by the Employer in good time so as not to delay the performance of the Contractor, in accordance with the approved Time Schedule and Program of Performance pursuant to GCC Sub-Clause 18.2.

Unless otherwise indicated, all personnel, facilities, works and supplies will be provided free of charge to the Contractor.

<u>Personnel</u>	<u>Charge to Contractor (if any)</u>
NA	

<u>Facilities</u>	<u>Charge to Contractor (if any)</u>
NA	

<u>Works</u>	<u>Charge to Contractor (if any)</u>
NA	

<u>Supplies</u>	<u>Charge to Contractor (if any)</u>
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## Appendix 7 List of Documents for Approval or Review



## **Appendix 7. List of Documents for Approval or Review**

Pursuant to GCC Sub-Clause 20.3.1, the Contractor shall prepare, or cause its Subcontractor to prepare, and present to the Project Manager in accordance with the requirements of GCC Sub-Clause 18.2 (Program of Performance), the following documents for

### **A. Approval\***

1. Equipment Document- GTP, Sizing Calculation, Type Test Reports and QAP
2. Investigation Reports
3. Design Basis Reports and Calculations
4. Drawings

### **B. Review\***

1. Equipment Document- GTP, Sizing Calculation, Type Test Reports and QAP
2. Investigation Reports
3. Design Basis Reports and Calculations
4. Drawings

\* Classified for approval/ review/ information as per agreed Master Drawing List (MDL)



## Appendix 8 Functional Guarantees

A handwritten signature in blue ink, appearing to read "S. S. M."

## Appendix 8. Functional Guarantees

### 1. General

This Appendix sets out

- (a) the functional guarantees referred to in GCC Clause 28 (Functional Guarantees) and ANNEXURE 2 - Functional Guarantees of Appendix 12 – Operation and Maintenance of the RFB
- (b) the preconditions to the validity of the functional guarantees, either in production and/or consumption, set forth below
- (c) the minimum level of the functional guarantees
- (d) the formula for calculation of liquidated damages for failure to attain the functional guarantees.
- (e) Annexure C (PG Test Procedure) of Annexure – A, Employer's Requirements.

### 2. Preconditions

The Contractor gives the functional guarantees (specified herein) for the facilities, subject to the following preconditions being fully satisfied: NA

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### 3. Functional Guarantees

Subject to compliance with the foregoing preconditions, the Contractor guarantees as follows:

- Performance Ratio (PR) for Operational Acceptance : 84.4%
- Capacity Utilization Factor (CUF) : 22.6%



## **1. Performance Ratio Guarantee**

Annexure C (PG Test Procedure) of Annexure – A, Employer's Requirements shall be referred.

## **2. Annual CUF Guarantee**

- A. In consideration for the payment of the O&M Price , from the Commencement Date until the end of the Term, the Contractor grants to the Employer the CUF Guarantee on the terms and conditions set forth in the contract.
- B. The Contractor guarantees the annual CUF committed herein over the O&M Period (“**Annual CUF Guarantee**”) from the date of Operational Acceptance. In the event the CUF is less than the Guaranteed CUF, the Contractor shall immediately, upon demand, indemnify the Employer, as liquidated damages and not as penalty, amounts equivalent to remuneration of the equivalent Energy, subject to a maximum of hundred (100%) percent of the Total Annual O&M Price.
- C. The Procedure for measurement and verification of the CUF Guarantee is as per Annexure-C: Performance Guarantee Test procedure, defined under the Appendix A (Employers' Requirements) of the bid document.
- D. Liquidated Damages for Shortfall in Annual CUF for Solar PV Plant - Please refer Appendix 12: Plant Operation & Maintenance Agreement of 100 MW (AC) Floating Solar PV Project at Getalsud Dam, Ranchi.
- E. In case the Project fails to generate any power continuously for 1 month any time during the O&M period, apart from the force majeure and grid outages as certified by competent authority from STU/ CTU, it shall be considered as “an event of default”. In the case of default, the entire Contract Performance Security will be forfeited.
- F. Penalty during O&M period against breakdown of other Infrastructure of Plant Facilities that don 't affect the generation of power directly, such as but not limited to, civil infrastructure, water supply system/network, other Infrastructure developed by the



Contractor as a Scope of Work for the Project (Section-VII: Scope of Works & Technical Specifications) shall be penalised @ Rs.1000/day, for non-compliance with PM Schedule (Initiation/Completion of Scheduled maintenance Activity as agreed under this Contract) beyond 48 hours. Cumulative value of such liquidated damages shall be limited to 50% of yearly O&M cost. Cumulative value of such liquidated damages shall be limited to 50% of yearly O&M cost.

For the purpose of this Clause, the PM shall be inclusive of, but not limited to, the following PM activities:

Item	Scope of Maintenance Activity	Periodicity
Environmental/Corrosive Protective Coatings	White-washing/Application/Re-application of Distemper, Epoxy coatings	Once in every 2 years under the O&M Contract period, in consultation with the Owner
Roads and Access paths	Repair and maintenance of all roads – Access, Internal and Periphery roads, walkways as well as fences, gates, cable-trenches and outdoor equipment platforms.	Once every year prior to Monsoon season, in Consultation with the Owner
Water Supply Network	Repair and Maintenance of Water Supply Network including piping network, valves, pumps etc.	Once Every Year in Consultation with the Owner.
Periphery Lighting	Repair and maintenance of Peripheral Lighting including replacement of non-functional	Once every Six Months



	lighting fixtures, Junction Boxes, Conduits etc.	
Rodent Entry Points	Application/re-application of Anti-rat protection measures like PUF filling, sealant etc. at Checker/Gland Plates, Cable Entry Points (in PCU/SMU, Switchgear Panels, Buildings, Enclosures)	Once every Six Months
All bolted/tightened structures	Tightening/fastening of bolts that are exposed to winds/vibrations like MMS members/foundation bolts	Once every Year before onset of Windy season, in consultation with the Owner.
Enclosures of Equipment requiring Temperature and Dust Controlled environment for Normal Operation	Application/re-application of insulation/Dust-Filters/Temperature-control equipment at Enclosures, PCU, Switchgear	Once every Year, consultation with the Owner.
Entire Plant Facility	Oversight management of the hazardous/toxic materials including its handling and disposal as per Government of India Rules and environmental and safety assessments by a qualified Specialist	Once every Year, in consultation with the Owner.

**Note :** The Contractor shall ensure intimation and submission of requisite Reports to the owner at least 15 days prior to initiation of maintenance action for the activity.



- G. For breakdown of generation related infrastructure, the generation loss estimated based on the outage equipment's weightage ( $W_i$ ) multiplied by estimated total energy output in the outage period beyond 48 hours, in the event of no breakdown ( $E_{est}$ ) multiplied by Rs. 3.5/kWh will be levied.  $E_{est}$  for the period shall be calculated from the guaranteed CUF (i.e. Guaranteed CUF\* outage period beyond 48 hours). Cumulative value of such liquidated damages shall be limited to 50% of yearly O&M cost. The Equipment weightage ( $W_i$ ) shall be calculated as below:

$$W_i = \frac{\text{Equipment Rating (in MW)}}{\text{Plant AC Capacity (MW)}}$$

- H. The Penalty specified on account of delays, as specified in Liquidated Damages and Penalty specified on account of deviations in Functional Guarantees as above shall be assessed independent of each other. Above mentioned Penalties specified under this

**I. Scheduling and Forecasting:**

The Contractor shall be responsible for appointing a Qualified Coordinating Agency if required by concerned authorities at the Pooling Substation Level for scheduling and forecasting activity. Also, the contractor shall be responsible for carrying out the forecasting and scheduling of the energy generation from the plant facility (In accordance with the Deviation Settlement Mechanism Regulations of the Jharkhand Electricity Regulatory Commission). Scheduling given by the Contractors is such that no penalty is levied on the Employer due to any deviation of actual generation from scheduling beyond the allowed limit. If any penalty is imposed on the Employer due to such deviations beyond allowed limit the same shall be recovered from the CPS given by the contractor.



## Appendix 9 Performance Security



## Appendix 9. Performance Security

1. The Contractor shall, within twenty-eight (28) days of the notification of contract award, provide a security for the due performance of the Contract in the amount as a percentage of the Contract Price for the Plant Facility, which shall be in following stages:
  - **First Stage:** The value of the Contract Performance Security shall be 10% (Ten) of the Contract Value {i.e. total sum of the Supply (Abroad & Employer's country) & Service (Freight, Design, Installation & Civil Works) and will remain valid for 90 (Ninety) days beyond the Operational Acceptance of the Plant Facilities.
  - **Second Stage:** The value of the Contract Performance Security shall be 5% (Five) of the Contract Value {i.e. total sum of the Supply (Abroad & Employer's country) & Service (Freight, Design, Installation & Civil Works) starting from the Operational Acceptance of the Plant Facilities, valid till the end of 05<sup>th</sup> year of the O&M period. Contractor needs to furnish the revised Contract Performance Security in the Second Stage amounting to 5% of the total Contract Value as mentioned above within the validity period of the Contract Performance Security submitted at First Stage. The contractor also has the option of the reduction of the Performance Security submitted at the First stage @ 10% to 5%, which is required to be submitted at Second Stage, within the validity period of the Contract Performance Security submitted at First Stage. In case of extension of the Operational Acceptance, the validity of the Performance Security will be extended suitably. The Performance Security may also be submitted in the form of Insurance Surety Bonds. Envisaging the difficulty in obtaining the longer tenure of CPS in the form of BG, the successful bidder can submit Contract Performance Security in the form of Bank Guarantee with initial validity period of 36 Months and the same may be extended for the balance period or further 36 months, within 60 days of expiry of the original CPS.
2. Thereby, the contractor is required to furnish the First Stage Performance Security(ies), as per the Bidding Documents, for an amount of **INR 59,03,79,508.00 (Indian Rupees Fifty-nine crores three lakhs seventy-nine thousand five hundred and eight only).** This Performance security will remain valid for 90 (Ninety) days beyond the Operational Acceptance of the Plant Facilities, from the date of its issuance.
3. The contractor is required to furnish the Second Stage Performance Security(ies), as per the Bidding Documents, for an amount of **INR 29,51,89,754.00 (Indian Rupees twenty-nine crores fifty-one lakhs eighty-nine thousand seven hundred and fifty-four only).** This Performance starting from the date of the Operational Acceptance of the Plant Facilities, will remain valid till the end of 05th year of the O&M period.
4. In case the Contractor fails to furnish the Contract, Performance Security mentioned under the Second Stage within the indicated time period as mentioned above (Within the due validity period of the existing Performance Security) Employer at their sole discretion will forfeit the Contract Performance Security furnished at the respective stage.



5. Contract Performance Security submitted at the Second Stage shall be released to the Contractor without any interest not later than 75 (Seventy-Five) days after the successful completion of the complete O&M period (05 Years) subject to the approval and acceptance of the O&M period deliverables by the Engineer in charge/Technical Team.
6. O&M Period will start from the Operational acceptance of the Plant Facilities
7. The Bidder will be responsible to operate and maintain the Plant after Commissioning till the Operational acceptance of Plant Facilities, without any additional cost to the Employer.
8. If the performance security is a bank guarantee, it shall be issued either (a) by a Nationalized or Scheduled bank in India; or (ii) by a foreign bank through a correspondent Nationalized or Scheduled Bank located in India; or (c) directly by a foreign bank which has been determined in advance to be acceptable to the Employer.
9. The Performance Security shall be in the form of the bank guarantee attached hereto in Section X, Contract Forms.
10. The Employer shall not make a claim under the Performance Security, except for amounts to which the Employer is entitled under the Contract. The Employer shall indemnify and hold the Contractor harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from a claim under the Performance Security to the extent to which the Employer was not entitled to make the claim.



## Appendix 10 Liquidated damages



## Appendix 10. Liquidated Damages

1. The Contractor guarantees that it shall attain Completion of the Facilities (or a part for which a separate time for completion is specified) within the Time for Completion specified in the PCC pursuant to GCC Sub-Clause 8.2, or within such extended time to which the Contractor shall be entitled under GCC Clause 40 hereof.
2. If the Contractor fails to attain Completion of the Facilities or any part thereof within the Time for Completion or any extension thereof under GCC Clause 40, the Contractor shall pay to the Employer liquidated damages in the amount specified in the PCC as a percentage rate of the Contract Price or the relevant part thereof. The aggregate amount of such liquidated damages shall in no event exceed the amount specified as "Maximum" in the PCC as a percentage rate of the Contract Price. Once the "Maximum" is reached, the Employer may consider termination of the Contract, pursuant to GCC Sub-Clause 42.2.2

Such payment shall completely satisfy the Contractor's obligation to attain Completion of the Facilities or the relevant part thereof within the Time for Completion or any extension thereof under GCC Clause 40. The Contractor shall have no further liability whatsoever to the Employer in respect thereof.

However, the payment of liquidated damages shall not in any way relieve the Contractor from any of its obligations to complete the Facilities or from any other obligations and liabilities of the Contractor under the Contract.

Save for liquidated damages payable under this GCC Sub-Clause 26.2, the failure by the Contractor to attain any milestone or other act, matter or thing by any date specified in the Appendix to the Contract Agreement titled Time Schedule, and/or other program of work prepared pursuant to GCC Sub-Clause 18.2 shall not render the Contractor liable for any loss or damage thereby suffered by the Employer.

3. Applicable rate for liquidated damages: 0.5% per Week
4. There shall not be any intermediate LDs. The LD for delay is applicable only on the value of the relevant part thereof for the uncommissioned capacity only, if the entire plant facility is not completed by the Schedule Date of Completion/Contract Period as mentioned in the bidding document. The LD Applicable should be on pro rata basis i.e., LD should be applicable on the value of the uncommissioned capacity, which will be calculated on prorate basis from the total contract value.
5. The above rate applies to full contract value (excluding O&M). Maximum deduction for liquidated damages: 5%
6. No bonus will be given for earlier Completion of the Facilities or part thereof.



## Appendix 11 Appointment of the Dispute Board (DB) members



## **Appendix 11. Appointment of the Dispute Board (DB) Members**

Disputes shall be referred to a DB for decision in accordance with GCC Sub-Clause 46.3. The DB shall be appointed within [28 days] after the Effective Date of the contract.

The DB shall comprise, as stated in the PCC, either one or three suitably qualified persons (“the members”), each of whom meet the criteria set forth in Sub-Clause 3 of Appendix A-General Conditions of Dispute Board Agreement.

If the number is not so stated and the Parties do not agree otherwise, the DB shall comprise three persons, one of whom shall serve as chairman.

### **List of DB member from SECI:**

1. Dr Varesh Sinha, IAS (Retd.), E Mail Id: [vareshsinha@gmail.com](mailto:vareshsinha@gmail.com)
2. Shri Bimal Julka, IAS (Retd.), E Mail Id: [bimaljulka1955@gmail.com](mailto:bimaljulka1955@gmail.com)

### **List of potential DB member from M/s Larsen and Toubro Limited:**

1. Mr AK Sarin, B.Sc. Engineering (Civil) and LLB, E Mail Id: [aksarin@yahoo.com](mailto:aksarin@yahoo.com)
2. Mr Verinder Singh Thind, B.Sc. (Engineering), Civil, Chief Engineer (Retired), Delhi Jal Board, E Mail Id: [thindvs@gmail.com](mailto:thindvs@gmail.com)

Rules of arbitration (foreign contractors) - United Nations Commission on International Trade Law (UNCITRAL), The place of arbitration – a neutral location to be mutually agreed before signing of contract; arbitration shall be conducted in English

Rules of arbitration (Indian contractors) - The Arbitration and Conciliation Act, 1996 (India) as updated from time to time, The place of arbitration – Delhi; arbitration shall be conducted in English



Appendix 12 Operation & Maintenance Agreement  
(Annexure C)



## **Appendix 12.**

### **Operations and Maintenance Agreement**

**“Scope of work, Service Level Agreement and special payment terms for 05 Years Plant Operation & Maintenance of 100 MW (AC) Floating Solar PV Project at Getalsud, Jharkhand, India”**

as

### **Annexure C**

**“Part of Operations and Maintenance Agreement For 100 MW (AC) Floating Solar PV Project at Getalsud, Jharkhand, India”**



**“Scope of work, Service Level Agreement and special payment terms for 05 Years Plant Operation & Maintenance of 100 MW (AC) Floating Solar PV Project at Getalsud, Jharkhand, India”**

as

**Annexure C**

**“Part of Operations and Maintenance Agreement For 100 MW (AC) Floating Solar PV Project at Getalsud, Jharkhand, India”**



## **1 Term of the Contract**

This Contract shall become effective upon final signature by the Parties for a term of five (05) years. The O&M of the plant will commence from the date of Operational Acceptance of the plants.

## **2 CONTRACTOR'S OBLIGATIONS**

### **2.1. Services**

During the Term of the Contract, the Contractor shall perform the services in accordance with the Operation and Maintenance Scope of work as described in Annexure 1 (Scope of Work for Operation and Maintenance) (hereafter the "Services"), and also in accordance with the other conditions as prescribed related to the operational performance under Section - VII of the Bid Document:

- 2.2. The Contractor shall be deemed to have allowed correct and sufficient O&M Price to cover all its obligations under the Contract and to have allowed the necessary resources to enable it to perform the Services to the standards and in the manner required. The Contractor's failure to acquaint itself with or assess any applicable condition shall neither relieve it from the responsibility for performing its obligations under the Contract nor entitle the Contractor to any additional costs or any other relief.
- 2.3. To the extent the Contractor reasonably believes that it is necessary to enhance the overall performance or safety of the Plant, the Contractor may propose changes and improvements to the Plant [(including the software included with respect thereto)]. The Contractor shall ensure that no modification of any equipment, change of software settings or any other alteration of equipment shall:
  - (i) cause a negative impact on the performance of the safety and reliability of the Plant;
  - (ii) adversely impact the Warranties;
  - (iii) adversely affect the warranties provided by the Contractors under the Contract;
  - (iv) conflict with the requirements under the contract; or
  - (v) bypass any protective equipment.
  - (vi) Violates any National/International Trade & IPR laws.



- 2.4. Any proposed modifications/changes shall not be carried out without the approval of the original equipment manufacturer and the Employer and in accordance with Performance Standards, and Technical Specifications. The Employer shall be notified of the proposed modifications along with reasons and technical note for such modifications, changes, alterations, etc., and after the modifications are carried out in accordance with the contract, an alterations activity report is to be shared with the Employer.
- 2.5 The Contractor shall, while rendering the Services, observe and comply with all the Applicable Laws, Good Solar Industry Practices, Ministry of New & Renewable Energy (MNRE), Ministry of Power (MoP), CEA, CERC, POSOCO, SLDC, Local DISCOM & TRANSCO guidelines and Performance Standards pursuant to the contract. The Employer shall have the right to, to the extent applicable to Services rendered by the Contractor, conduct monthly audit on Applicable Laws, health, safety and environment and all other relevant compliances. The Contractor shall provide all necessary access and supporting documents during audit which are applicable to the same. However, such audits will be planned well in advance in coordination with the Contractor, without affecting the site operation plan.
- 2.6 The Contractor shall provide and make available as necessary, all such skilled, experienced and qualified labour and other competent personnel as are required to perform the Services the Contractor shall ensure that its Personnel hold and continue to maintain all qualifications and licenses as required under Applicable Law to allow its Personnel to lawfully undertake performance of the Services and carry out the Contractor's other obligations under the contract. For works/services being performed on a continuous basis, the O&M Price shall be deemed to include and the Contractor shall obtain all required Government Approvals and bear any costs related thereto (including any shift or permitted overtime working, allowances, wage orders, night shift differentials, etc.).
- 2.7 The Contractor shall ensure that all its Personnel deployed for providing the Services have undergone adequate safety training and are appropriately skilled, qualified and experienced in performing the Services for solar farms of a similar size, scope and complexity as the Plant. The Contractor shall be responsible for all matters relating to labour relations, working conditions, training, employee benefits, safety programs and related matters pertaining to its Personnel. The Contractor shall at all times have full supervision and control over its Personnel and shall at all times maintain appropriate order and discipline among its Personnel.



- 2.8 Contractor shall be solely liable for and, at its sole cost and expense, arrange for the response, reporting, removal, transportation, disposal, investigation, cleanup or other remedial action (in all cases by licensed, insured, competent and professional contractors in a safe manner and in accordance with Applicable Laws) for any hazardous substances/waste existing at, in, on or under the Project.
- 2.9 The Contractor shall ensure availability of such Consumable Parts, Spare Parts, and Contractor's Equipment as may be necessary for the performance of the Services. The Contractor shall ensure that such Contractor's Equipment does not interfere with the operational or structural integrity of the Plant
- 2.10 The Contractor shall make available to the Employer the Reference Documents set forth in the Reference Documents and shall also provide the Employer with updates and revisions to the Reference Documents to the extent such updates and revisions are necessary and applicable to the performance of the Services. The Contractor shall provide the Employer with a latest version of update available of all the Reference Documents at the time of termination of the contract.
- 2.11 The Contractor acknowledges and agrees that other contractors of the Employer may be present at the Plant and it shall cooperate with such other contractors to allow the performance of its and their respective obligations to occur concurrently.
- 2.12 The Contractor shall through relevant agencies, if applicable, promptly investigate all accidents, damage or destruction, diagnosis, assessment of any potential consequential effects, estimating cost of repair, arranging for any remedial action required, making of any claims under the insurance policies and co-operating with and making reports required by the Employer or insurers.
- 2.13 The Contractor shall ensure that any Warranties provided under the Project Contracts are not invalidated or adversely affected by any act or omission of the Contractor during the period of such warranties.



- 2.14 The Contractor shall make arrangements to provide monthly reports from the SCADA system to the Employer. The Contractor shall arrange to connect the Plant to the SCADA system operating at the Site enabling the remote monitoring of the Plant by the Contractor and to provide access to information pertaining to the Plant to the Owner's Representative at Site and SLDC. The Employer may collect the data generated by the SCADA system in respect of the Plant from the Contractor.
- 2.15 The Contractor shall further provide support for the operation and maintenance of any Employer installed scope including any third-party support as may be required by any relevant Government Authority.
- 2.16 The Contractor shall notify and communicate to the Employer about any condition which may cause any malfunction or failure in the Project.

### 3. FUNCTIONAL GUARANTEES/WARRANTIES

#### 3.1. Technical and Functional Performance Guarantee

- 3.1.1 The Contractor shall be responsible for meeting the performance guarantee of the Plant Facility as described in the contract.
- 3.1.2 In case of failure to meet the functional guarantees as described in section 2.1.1 above, the Contractor shall be liable to pay applicable Liquidated damages as described in the Bid Document and represented in Annexure-2 of this Annexure G.

#### 3.2. General Repair Warranty

- 3.2.1. All repairs and replacements performed by the Contractor pursuant to the contract, shall cover a warranty for defects in materials and workmanship for the entire terms of O&M contract.
- 3.2.2. The Contractor shall disassemble, repair or, replace and reinstall any defective Equipment parts and/or re-perform any defective work covered by this warranty, at no cost or expense to the Employer.



- 3.2.3. In the event that Contractor replaces Parts that failed during the final year of the Term in accordance with its obligations under the Contract, Contractor hereby warrants to Employer that the replacement Parts installed in the Plant Equipment during such period shall not fail due to a defect for one (1) year following the date of installation of such replacement Parts; provided that in no event shall any such warranty extend beyond earlier of (i) the period that is one (1) year following the expiration of the Term or (ii) the date of any termination of the contract for reasons other than attributable to Contractor. During such period, if the contract is not in effect for any reason other than being terminated by Employer for cause, Contractor's obligation will be limited to supplying all needed Parts on to the Site delivered basis. For the avoidance of doubt, this Clause may survive the termination or expiry (as the case may be) of the contract for a period of one (1) year.
- 3.2.4. During Defect Liability Period if any repair and replacement are done, then the warrantee of the equipment shall be extended from the date of such repair and replacement to the period of original equipment warrantee w.r.t. that replaced component.
- 3.2.5 Any latent defect which may not come to knowledge or discovered in the course of normal inspection/operation during two years from the operational acceptance but, may arise within a period of 5(five) years from expiry of warranty period of two years, shall be under warranty by free replacement/rectification.
- 3.2.6 The acceptance of the equipment by Owner shall in no way relieve contractor of his obligations under the contract.
- 3.3. Guarantee of compliance in relation to Curtailment Plans (acoustic or other curtailment plans)

The Owner may communicate to the Contractor any curtailment plans either linked to acoustic requirements; load management, or Applicable Law, the ("Curtailment Plans").



The Contractor shall ensure compliance with all Curtailment Plans provided by the Owner in accordance with Performance Standards and Technical Specifications. If either the Contractor or the Owner detects a variation with respect to the Curtailment Plans or in noise emission the Contractor will, at its own expense, characterise the problem, isolate the source of the problem and propose solutions to solve the problem to Owner (at the Owner's expenses in all cases other than cases where it's ascertained that the deviation was caused by a non-respect of the obligations under the contract).

#### 3.4. Grid Connection and balance of electricity commitments

The Contractor acknowledges that to allow the Owner to inject the energy generated by the Plant Facility to the Grid and be eligible for the full tariff under the PPA, the Plant and the Contractor must comply with the requirements prescribed by Applicable Law, Good Solar Industry Practices, Performance Standards and the Grid documents and that failure to comply with such requirements may cause the Owner to either: (i) not be able to collect the tariff energy injected; and/or (ii) be subject to penalties payable to the Grid operator and/or the Discom and/or the power purchaser and/or any Government body. The Contractor therefore undertakes to diligently comply the requirements referred to Grid Connection and balance of electricity commitments, as prescribed under the Grid documents as provided by or on behalf of the Owner from time to time (or of which the Contractor otherwise becomes aware), and/or with the reasonable requests of the Owner associated with the compliance therewith.

### 4. PERFORMANCE STANDARDS

4.1 Contractor shall perform its obligations under the contract in compliance with the contract and otherwise, as applicable, in accordance with the following order of precedence (collectively, the "Performance Standards") as from time to time in force:

4.1.1 the Applicable Laws, and the requirements from the Grid Operator/SLDC;

4.1.2 the Permits and all the related documents;

4.1.3 the terms of the contract;

4.1.4 the functional Guarantee;

4.1.5 the Reference Documents including the manufacturers recommendations;

4.1.6 Owner's health and safety manuals and procedures and ESMP;



- 4.1.7 the Site Regulations;
- 4.1.8 the Equator Principles and the Equator Principles Requirements;
- 4.1.9 Good Solar Industry Practice;
- 4.1.10 Any relevant and reasonable instructions issued by the Owner, relevant to the scope of the contract, to the Contractor at least 15 days before the implementation of such instructions without any cost to the Contractor.
- 4.1.11 The terms of insurances directly relating to the Project and
- 4.1.12 Comply with all operation and maintenance obligations as set out under the PPA or do anything which results in a breach of the Owner's obligations under the PPA.
- 4.2 If there is any inconsistency between the Performance Standards, [it shall be interpreted in the order of precedence listed above provided that(i) the application of a Performance Standard does not derogate, breach, contradict, obstacle or circumvent the application of a Performance Standards appearing above such standard in the above order of precedence, and, in addition, (ii) provided that this such application does not cause a breach of Performance Standards or the Parties shall discuss and agree upon the manner in which such conflict shall be resolved.
- 4.3 Notwithstanding any other provision in the contract, the Contractor shall have no responsibility or obligation:
- (a) to save and to the extent that the Contractor is required to do so pursuant to the provisions of Additional Services, to ensure that the Plant complies with the requirements of Applicable Law, Permits, if and to the extent that the same are introduced or amended following the Commencement Date; or
  - (b) subject to Additional Services, to ensure that the Plant or the Plant (as a whole or in part) complies with any noise or acoustic emissions requirements under Applicable Laws Permits.

Without prejudice to the foregoing, the Contractor is required to comply with the quality of supply limits determined in accordance with the Applicable Law and the Contractor will be deemed to have knowledge of its content.



- 4.4 The Contractor shall not do or omit to do anything in the performance or discharge of its obligations or the exercise of its rights under the contract or in breach of the contract, which would cause any breach of any of the terms of the Supply Contract, Works Contract, the Applicable Law, the Permits or the terms of any Permits or the Direct Contract, and should the Contractor be in breach of the Performance Standards, it shall, on demand of the Owner, indemnify the Owner against any direct Losses arising from a breach of this Clause by the Contractor, always subject to the aggregate liability cap of the Contractor (except as otherwise agreed herein).
- 4.5 If the Contractor is aware of a conflict between any of the above requirements, it shall inform the Owner accordingly and the Parties shall discuss and agree upon the manner in which such conflict shall be resolved.

## 5. EXCLUSIONS

### 5.1. General

(a) Force Majeure events as per GCC

- 5.2. The rights of the Contractor under Exclusions shall only apply to the extent that the Excluded Risk Event has caused actual delays or substantial interference to the performance of the Contractor's obligations under his Contract, which could not have been mitigated by the Contractor's best efforts, and to such portions of Contractor's obligations directly affected by such delays or interference.

### 5.3. Notification of Excluded Risk Event

To the extent Contractor has actual knowledge of any loss or damage to the Plant caused by or arising from an Excluded Risk Event, it shall give Owner immediate notice of the same and provide a written report to Owner within five (5) Business Days; and the Owner and Contractor shall be mutually agreed upon within (30) business day. However, that any failure of Contractor to provide such notice shall not waive, prejudice or otherwise affect the other provisions in Exclusions, except to the extent that the failure to timely notify Owner results in any additional damage or loss to the Plant. Notwithstanding the foregoing, in case of delay to provide the aforementioned notice, the Contractor shall be liable towards the Owner for any additional damage or loss caused by the delay to notify the Owner.

## 6. ADDITIONAL SERVICES



6.1. Owner may, with respect to the Plant, request that Contractor perform work, provide services, or supply other equipment or parts, not included within Services for the successful operation of the plant for the duration of this O&M Agreement. Any such requested service or supply that the Parties mutually agree to in writing shall, subject to any specific terms and conditions agreed with respect to such service or supply, be an "Additional Service".

## 7. SERVICE PERSONNEL

7.1. Contractor shall provide the Services and any Additional Services to be performed on Site using a sufficient number of suitably skilled, qualified and experienced (including any licensing, certifications or training required by Applicable Laws or the local transmission system operator) and adequately equipped and properly trained Personnel and/or Subcontractors, all appropriately skilled and experienced in their respective trades or occupations as may be reasonably necessary to fulfil its obligations hereunder in relation to the Services and Additional Services.

7.2. The Owner may request the Contractor to remove (or cause to be removed) any Person or Subcontractor employed on the operation of the Plant, including the Contractor's Representative if applicable, who:

- (i) engages in material or persistent misconduct or lack of reasonable care;
- (ii) carries out duties incompetently or negligently;
- (iii) fails materially to conform with any provisions of the Contract;
- (iv) engages in conduct which is prejudicial to safety, health or the protection of the environment or in violation of any related Performance Standards or Applicable Laws;
- (v) engages in conduct which might reasonably result in a breach of any provision of the contract and threaten public health, safety or security.

7.3. The Owner shall give notice to the Contractor of the same giving reasons and request the Contractor to replace such Personnel with a suitable candidate. The Contractor shall then as soon as reasonably possible but no later than seven (7) days upon receiving such notice from the Owner, Contractor will look in to the facts and claims of the case in all sincerity and deploy the required actions with the notice to the Owner.

7.4. Contractor shall have full supervision and control over its Personnel at the Site and shall maintain appropriate order and discipline among such personnel and shall cause any Subcontractor to maintain similar standards with respect to such Subcontractor's personnel at the Site.



- 7.5. The Contractor shall be responsible for all matters relating to labour relations, working conditions, training, employee benefits, employee drug testing in accordance with the Contractor's standard drug testing policy, safety programs and related matters pertaining to its employees and other Personnel engaged by the Contractor. The Contractor shall at all times have full supervision and control over its employees and other personnel engaged by it and shall at all times maintain appropriate order and discipline among its Personnel and shall cause any Subcontractor (or any subcontractor appointed by such Subcontractor) to maintain similar standards with respect to such Subcontractor's or any subcontractor appointed by such Subcontractor) employees and Personnel.
- 7.6. The Owner shall have the right, acting reasonably and following prior notification, to require the Contractor to remove from the Site any employee or Personnel of the Contractor or any of its Subcontractors (or any subcontractor appointed by such Subcontractor) engaged in activity which presents a risk of injury to persons or property at the Site.

## 8. SAFETY PRECAUTION

- 8.1 During performance of the Services, Contractor shall:

- 8.1.1 comply with the safety standards and any safety procedures established by Contractor and same shall be approved by Owner after the Commencement Date;
- 8.1.2 take all precautions required by Applicable Laws or Site Regulations, or otherwise according to the Performance Standards, for the health and safety of Contractor, its Affiliates and Subcontractors in the performance of the Services and any other Persons with temporary or perpetual access to the Site; [provided that the foregoing shall not limit Owner's responsibility for the safety of the Site as provided in Safety Precautions.

## 9. CONSUMABLES, SPARE PARTS, TOOLS AND EQUIPMENT

- 9.1 During the Term, Contractor shall provide equipment Spare Parts and Consumables and Tools, all as part of the Services and without Additional Cost to the Owner in accordance with the contract. Unless otherwise specified in the contract, the Contractor shall provide the Owner with an initial Spare Parts inventory. At the end of the Term or upon termination of the contract, the Supplier will replenish the equal quantity of the Spare Parts and Consumables and Tools as provided during the start of Contract.



#### **9.2 Consumables and Tools**

Contractor shall supply Consumables and Tools to the extent required for performance of the Services. All Consumables provided by Contractor in the performance of its Services, shall be compatible with the applicable requirements of the Reference Documents and Applicable Laws.

#### **9.3 Equipment and Spare Parts**

Contractor shall supply Equipment and Spare Parts to the extent required for its performance of the Services and to maintain its obligations thereunder. The Contractor has the right to use renovated Equipment and Spare Parts. If the Contractor intends to use any refurbished Major Components, it will seek prior written approval from the Owner. Contractor's right to procure and use renovated / refurbished Spare Parts is subject to: (i) standards of good workmanship and Good Industry Practice; (ii) compliance with the applicable requirements of the Reference Documents; (iii) the Spare Part(s) are of the type being replaced or of another type insofar as same does not invalidate any applicable Type Certification of the Equipment (iv) the same warranty as equivalent new parts in terms of scope, nature and duration, (v) being renovated in conformity with the original equipment manufacturer's standards, and (v) being listed in the monthly maintenance report when used (track record of the Part). All such renovated/refurbished parts will be allowed by Owner only for any long lead items and also considering uninterrupted generation from the Project. However, the contractor shall immediately reinstate and order new items in order to replace the refurbished items provided for emergency purposes.

#### **9.4 Inspection of Replaced Parts**

Contractor shall give to the Owner seven (7) days' notice of the time when the Replaced Part is being transported to the Site. Contractor shall permit Owner to inspect, at Owner's sole cost and expense, any Part which is removed and replaced by a Spare Part pursuant to Consumables, Spare Parts, Tools and Equipment (such Part, a "Replaced Part"); provided however, any such inspection:

- (i) must not include physical alteration or disassembly of such Replaced Part;  
and



- (ii) must not result in any material increased costs to Contractor or delay Contractor in the performance of its obligations under the contract or any Contract with, or warranty from, its Subcontractors, unless Owner agrees to cover such material increased cost.

9.5 Tools and Equipment

Contractor shall furnish its service personnel with such tools, instruments, or materials tools and equipment and equipment as are necessary to perform the Services (the "Contractor's Equipment").

9.6 Prices of Consumables, Spare Parts and Contractor's Equipment

Subject to GST, Taxation & Import Duties, the O&M Price payable to Contractor under the contract shall include (in addition to other components included in such Price) the Costs of any and all Equipment, Consumables, Spare Parts and Contractor's Equipment required in connection with the performance of the Services.

9.7 Risk of Loss or Damage to Consumables, Spare Parts and Contractor's Equipment

Contractor shall:

- (i) be responsible at its own cost for the safe transportation and delivery to Site and adequate storage; of all Consumables, Spare Parts, and Contractor's Equipment, in each case, required for the carrying out of the Services;
- (ii) bear the risk of loss and damage to all such Consumables and Spare Parts during transportation to the Site and, thereafter up to the date of their incorporation by Contractor into the Plant; and
- (iii) at all material times bear all risk in any and all Contractor's Equipment on or off the Site and whether remaining separate or temporarily attached to the Plant.

9.8 Title

Contractor shall retain title to any and all Contractor's Equipment on or off the Site and whether remaining separate or temporarily attached to the Plant until transfer of Title occurs. Title to any Spare Part (or other Part) or Consumables provided by Contractor pursuant to the contract shall pass to the Owner upon:

- (i) incorporation by Contractor in the Plant free and clear of any Lien; or



- (ii) in the case of Additional Services, the date (if later) on which payment is made in full for such Spare Part or Consumable.

Title to any Replaced Part shall vest in Contractor upon such replacement, except if the Parties agree differently from time to time. In case of Additional Services, Owner shall retain title to any Replaced Part.

## 10. COMMUNICATION AND REPORTING

During the Term, Contractor shall exchange information and reports on daily, weekly, monthly, quarterly and annual basis:

### 10.1 Monthly Reports

Contractor shall provide Owner with the Monthly Performance Report by no later than the fifth (5th) day from the end of each month.

### 10.2 Emergency Notices

Upon obtaining actual knowledge thereof, Contractor shall promptly notify Owner verbally (with written notice to follow within three (3) Days) of any emergency or other hazardous condition or occurrence that Contractor reasonable believes could cause an immediate threat to the safe operation of the Plant and/or the safety of Persons.

If, by reason of an emergency arising in the course of, as a result of or otherwise in connection with and during the performance of the Services, any protective or remedial work is necessary as a matter of urgency to prevent damage to the Plant, the Contractor must immediately perform that work, provided that, Contractor shall have no obligation to perform such portions of the protective or remedial work which would be in violation with the Performance Standards, be a material breach of the contract or would cause a threat to the safety of Persons or property or would otherwise not be reasonably practicable or possible; and provided further, that Contractor shall have no obligation to retrofit or upgrade the Plant except if otherwise agreed.



Without prejudicing the liability attributable to the Contractor for failure to comply with the provisions of the paragraph above, it is clarified that if the Contractor does not perform the protective or remedial works referred to above immediately, the Owner may appoint a Replacement Contractor to perform such works. If the work (or parts thereof) which were performed or caused to be performed by the Owner is work which the Contractor was liable to do at its own expense under the contract, the costs incurred by the Owner as a result of appointing a Replacement Contractor shall be [substantiated to the Contractor on an open book basis and be] considered due and payable to the Owner and Invoices and Payment and Set Off shall apply. It is further clarified that the impact of Replacement Contractor's actions shall not be considered as an Excluded Risk Event.

#### 10.3 Meetings

A representative of each of Contractor and Owner (the "Representatives") shall meet (either at the Site or alternatively at such other location as may be agreed between the Parties) at quarterly intervals or such other period as is agreed especially for the purposes set forth below:

- (i) to discuss projected dates for performance of the Services and the Additional Services in the following quarter;
- (ii) to discuss, the calculated Measured Average Availability of the Plant Facility for the past quarter under Annexure 2 [Functional Guarantees]; and
- (iii) to review the Services and Additional Services performed in the past quarter.

#### 10.4 Visitors Log Book

Contractor shall provide Owner with a log book for the Plant to record the identity and activity of all visitors to site. Such log book will be kept at the entry Gate location of Plant. The Contractor shall cause that all personnel and representatives of each Party or any third parties visiting the [site] shall be required to record their identity, the date, time and purpose of any visit to site, the nature of any work performed thereon and such other details for which log books may reasonably be used. It is clarified that the Contractor shall not permit unauthorised third party access to the Site unless such third parties have been authorised by the Owner, are required to inspect or access the Site in accordance with Applicable Law or for performance of Services. Copies of these logs shall be provided to the Owner within ten (10) Business Days following its written request. Contractor shall create a digital back up of such logs at least every month. The log book shall be in English only.



#### **10.5 Annual Calendaring of Maintenance Services.**

At the latest two (2) months after the beginning of commencement date, each year during the Term thereafter, the Contractor shall send to the Owner the projected dates and times for the immediately following period during which the Contractor shall perform the Maintenance/Preventive Services on the Plant, with the parties using reasonable efforts to minimize any Plant downtime during Operational Sunny periods (the "**Maintenance Services Calendar**". Such Maintenance Services Calendar may be postponed by the Owner for 5 business days); provided, that the Maintenance Services Calendar shall be developed in accordance with the Operating Manual and the terms of the contract. The dates and times in the Maintenance Services Calendar may be amended thereafter by mutual Contract of the Parties. For clarity, the Maintenance Service Calendar shall include a maintenance plan established in accordance with the Maintenance Manual.

#### **10.6 Status Reviews**

As reasonably required, or requested by the Owner, the Representatives shall meet to discuss and review (i) the information contained in the Monthly Performance Reports, (ii) the availability of the Plant, (iii) any technical issues which may have arisen with respect to the performance, availability or maintenance and servicing of the Plant Equipment, (iv) Maintenance Services and Repair Services performed during the preceding calendar month, (v) any and all failures by a Plant equipment, and (vi) Maintenance Services to occur during the next following a calendar month.

#### **11. Contractor's Permits**

Prior to the time in which such Permits are required in order to perform when the relevant Services and/or Additional Services, as applicable, are to be performed, Contractor shall obtain and maintain, as applicable, throughout the Term of the Contract all Permits (the "Contractor Permits") required by the Applicable Law, Good Solar Industry Practices, Performance Standards and Technical Specifications which should be issued in the name of Contractor or are otherwise attributable or necessary to the provision of the Services and/or Additional Services, other than such Permits as are required to be obtained by Owner pursuant to *Owner Permits*.

#### **12. Contractor's Manager**



On or prior to the commencement of the Term, Contractor shall designate a duly qualified and experienced person to manage and administer the Contractor's activities and shall provide notice thereof to the Owner, to act as its manager and coordinator of the contract on Contractor's behalf (the "Contractor's Manager"). The Contractor's Manager shall not have authority to amend or modify the contract or accept any commitment which would have an effect on the contract. In case the manager is on leave with prior intimation to Owner, the deputy manager with equivalent qualification shall be provided at site by the Contractor

#### 13. Cooperation with other Subcontractors

Contractor acknowledges and agrees that the Owner or Other Subcontractors of Owner may be present at the Site and agrees, at no cost or expense to the Owner, to reasonably cooperate with such Other Subcontractors to allow the performance of its and their respective obligations to occur concurrently. Owner shall inform the Other Subcontractors of the clear demarcation of Contractor's scope of work so as to ensure non-interference in such work and operations by Owner's Other Subcontractors.

#### 14. Reserved Rights

##### 14.1 Plant

To the extent Contractor believes, in its reasonable discretion, that it is necessary to enhance the overall performance or safety of the Plant, Contractor may propose to Owner changes and improvements to the Plant (including the software included with respect thereto) and implement such changes or improvements proposed after obtaining the prior written consent of the Owner; provided that such changes and/or improvements shall not (i) be in conflict with the Performance Standards; (ii) adversely impact the technical performance of the Plant or the safety of the Plant; (iii) adversely impact the Availability Warranty in Annexure 2 [Functional Guarantees] (iv) increase the cost of operating the Plant; (v) place the Owner in breach of the technical requirements of the Power Purchase Contract; (vi) impair or vitiate any obligations of the Contractor under the contract; (vii) adversely affect the Supply Contract Warranties and the Works Contract Warranties; or (viii) result in non-compliance with the Type Certificate.



14.2 The Contractor shall only have the right to implement such changes or improvements if it has received the prior written consent of the Owner and such changes and improvements are carried out at no cost to the Owner and in accordance with Reserved Rights.

## 15. CERTAIN NOTIFICATIONS BY CONTRACTOR

15.1 Contractor shall, upon obtaining actual knowledge thereof, promptly give the Owner notice of:

- (i) any events or facts or observations that the Contractor believes could be reasonably likely:
  - (a) to have a material adverse effect on the operation of any of the Plant or the performance of the Owner's obligations under the contract; or
  - (b) to cause an immediate threat to the safe operation of the Plant (or any Plant therein) and/or the safety of Persons; provided that, in the case of this Clause, the Contractor shall provide immediate verbal notice of such event, fact or observation to the Owner with notice to follow within three (3) Business Days;
- (ii) any actual or proposed event that the Contractor believes would be reasonably likely to have a material adverse effect on the operation of any of the Plant or the performance of either Party's obligations under the contract;
- (iii) any (a) violation of Applicable Laws, or Permit, by the Contractor's agents, officers, directors, employees, representatives and Subcontractors, Owner or any Other Subcontractor; or (b) any notices of Liens (or claims of Liens) or investigations by Governmental Authorities related to the Plant;
- (iv) any actual or contemplated change in Law that Contractor believes would be reasonably likely to have a material adverse effect on the operation of any of the Plant or the performance of either Party's obligations under the contract.

15.2 If the Contractor does not comply with its obligations under Certain Notifications by Contractor, the Contractor shall, subject to Limitations of Remedies and Liability, indemnify the Owner for any loss the Owner may suffer as a consequence, including, without limitation, compensation pursuant to Owner's Obligations.



## **16. ASSIGNMENT AND SUBCONTRACTING**

- 16.1 The Contractor shall not sublet, transfer or assign the contract or any part thereof without the prior written permission of Owner. The Contractor shall not subcontract any of the Services having a value of more than 30% of the Annual O&M Price of the concerned year, except upon the Owner's advance written approval of the subcontracting of such works. Such approval shall refer to the specific identity of the Subcontractor and to the scope and terms of the subcontract. In any event, the Contractor shall not subcontract all, or materially all of the Operation and Maintenance Services or the ultimate supervision of the performance of such services.
- 16.2 The Contractor agrees and acknowledges that any review, by approval of, or failure to approve, or rejection by the Owner as to any Subcontractor shall not relieve the Contractor of any of its obligations under the contract, and the Contractor shall be liable hereunder to the same extent as if any such Subcontract had not been entered into. The Contractor shall at all times ensure and cause the Subcontractors not to commit any act or omission which could release, void, impair or waive any guarantee or warranty on the Plant or any part thereof.
- 16.3 The Contractor shall supervise and direct the work of all Subcontractors and be fully responsible for the performance of the Subcontractors and to the methods, techniques, sequences and procedures of, and for coordinating the work of the Subcontractors and to the acts and omissions of all Subcontractors and their employees, directors, officers, advisors, agents and representatives, and those of their subcontractors ("Subcontractors' Parties). With regard to any Subcontract and Subcontractor's Parties, in particular, Contractor shall ensure that all wages, labor, health and safety and social related obligations are duly performed and timely discharged in accordance with Applicable Laws. It is agreed that if the responsibility of any such payments is transferred to the Owner pursuant to Applicable Law, the Owner shall have the right to adjust all such payments against the dues to the Contractor under the contract or otherwise recover the same from the Contractor under any other Contract. It shall be at Contractor's sole responsibility to ensure the payment and discharge of all its obligations with regard to the Subcontracts and shall indemnify the Owner and any Owner Indemnified Parties for any losses incurred by such parties in relation to the Subcontracts or to Subcontractor's Parties.

## **17. Inspection and Testing**



- 17.1 The Contractor must provide the Owner, independent engineer, Grid Operator, Grid Administrator, and any other Contractor or Contractors employed by the Owner and their respective nominees, or other inspectors where required under the Applicable Law, the Permits, the Finance Documents and/or the Grid documents (collectively hereinafter referred to as the "**Project Parties**"), with access at any time to any place where the Services are being performed in order to inspect the progress and the manner of the Services, provided that the Owner (or its designated representatives) gives the Contractor twenty four (24) hours prior written notice.
- 17.2 The Project Parties and their respective nominees will have the right to examine and have access to documents relating to the Services.
- 17.3 The Contractor must carry out all tests and/or inspections of the Plant or Spare Parts in a lawful, professional, timely, safe and environmentally responsible manner as may be necessary to ensure the safe, reliable, efficient, and optimal operation of the Plant and in accordance with the Performance Standards, Applicable Laws and Good Solar Industry Practice. All these tests and inspections are to be carried out at the Contractor's expense, as part of Services.
- 17.4 The Project Parties and their respective nominees are entitled to attend any test and/or inspection.
- 17.5 Whenever the Contractor is ready to carry out any test and/or inspection, the Contractor must give at least ten (10) days' advance notice to Owner of such test and/or inspection and of the place and time. The Contractor shall make its best efforts to obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Project Parties to attend the test and/or inspection.
- 17.6 The Contractor must provide the Owner with a report of the results of such test and/or inspection within five (5) days after the completion of that test or inspection in question.
- 17.7 If the Owner and/or any of the Project Parties fail to attend the test and/or inspection, or if it is agreed between the Parties that the Owner and/or any of the Project Parties will not attend, then the Contractor may proceed with the test and/or inspection in the absence of the Owner's and/or any of the Project Parties' inspector and provide the Owner with a report in the approved form of the results.
- 17.8 If any Spare Parts or the Plant fails to pass any test and/or inspection, the Contractor must either rectify or replace those Spare Parts or repair the Plant and promptly repeat the test and/or inspection upon giving notice.



17.9 The Contractor agrees that neither the performance of a test and/or inspection of Spare Parts or the Plant, nor the attendance by the Owner's and/or any of the Parties' inspector nor the issue of any test report will release the Contractor from any of its obligations under the contract.

17.10 Inspection during the Term and at the End of the Term:

During the Term, the Plant may be submitted to a general inspection performed by a Contractor selected by Owner:

17.10.1. Inspection during the Term

From time to time during the Term, but not more than once every year (being specified that any additional tests and inspections instructed by the Owner under this Clause will be for the Owner's account unless the tests or inspections were necessary as a result of the failure of the Contractor to fulfil its obligations under the contract);

17.10.2. End of Contract inspection: six (6) to twelve (12) months before the end of the Term, at the convenience of the Owner.

Subject to the Owner's reasonable advance notice as to the date of such inspection, Contractor is required to attend and assist the Owner and the designated inspector in performing such tests, without additional cost.

17.10.3. The final report shall be sent to the Contractor by the Owner and if any defect or damage found, same shall be rectified/replaced.

17.10.4. Without relieving Contractor from its obligations and without limiting Owner's ability to reasonably pursue the reliefs available to it, if applicable:

- (i) Contractor shall, promptly following receipt of the report, submit to the Owner (a) a recovery plan to remedy all breaches, defects and malfunctions detected in the report for which the Contractor is liable and shall perform such remedial actions without delay, and (b) provide detailed measures to be put in place to prevent such defaults from recurring;
- (ii) if the Contractor fails to timely complete all remedial actions before the end of the Term, the Owner shall be entitled, at Contractor's cost and risk, to employ a Replacement Contractor to perform the works.



17.11 Owner Site Visit

- 17.11.1. If Owner decides to visit the Plant, Contractor shall provide personnel on the Site for mutual inspection with no additional cost to Owner. If the Contractor is reasonably unable to attend such visit for unexpected reasons and/or safety reasons, Contractor shall immediately inform the Owner. As the case may be, the Contractor shall reschedule a new visit within the next seven (7) days. Rescheduling of the visits thereof shall no occur more than once per year the Owner shall adhere to the HSE practices of the Contractor.
- 17.11.2. If, upon request of the Owner made in accordance with Owner Site Visit, the Contractor does not provide dedicated personnel for such visits, subject to the aforementioned rescheduling allowance, any downtime of Plant Equipment(s) to perform the inspections thereof shall be considered as unavailable for the purpose of availability calculation described in Annexure 2 [Functional Guarantees] [(however never exceeding eight (8) hours per given visit)]. Notwithstanding the foregoing, Owner may request that Contractor provide personnel on the Site for additional inspections as an Additional Service.
- 17.11.3. If, upon request of the Owner made in accordance with Inspection and Testing, for inspection of the Plant, the Contractor provides access to have services in the Plant Equipment examined available for inspection and Owner does not carry out such inspection, then any downtime of Plant Equipment(s) to perform the inspections thereof shall be considered as available for the purpose of availability calculation described in Annexure 2 [Functional Guarantees]

18. HAZARDOUS SUBSTANCES AND HAZARDOUS SITE CONDITIONS

18.1 Contractor shall not, nor shall it permit any other Person to bring any Hazardous Substances on the Site, other than Hazardous Substances to be used by Contractor or any Subcontractor in a manner that:

- (i) does not violate any Applicable Laws, or Permits; and
- (ii) is consistent in quantity and with Good Solar Industry Practices for operating and maintaining solar energy conversion plants, such as motor fuels, solvents and lubricants (collectively, "Permissible Materials").

18.2 Contractor shall bear all responsibility and liability for:



- (i) any Hazardous Substances that are not Permissible Materials belonging to the Contractor or present on site; or
- (ii) the handling of, or failure to handle, Permissible Materials in violation of Applicable Laws or otherwise in any manner that constitutes negligence or willful misconduct by Contractor or any Subcontractor.

18.3 Contractor shall use Hazardous Substances in performance of the Services in accordance with the Performance Standards, Applicable Laws and Good Solar Industry Practices and shall not:

- (i) utilize, or permit or cause any Subcontractor to utilize, on the Site such Hazardous Substances as are prohibited under Applicable Law from being used in India; or
- (ii) import or use at the Site such Hazardous Substances as are prohibited under Applicable Law.

18.4 Contractor shall maintain a regularly updated log of all material safety data sheets for all hazardous substances used in connection with performance of the Services at or near the Site, which shall be available for Owner to review upon reasonable request. Contractor shall maintain an accurate record and current inventory of all hazardous substances used in performance of the Services at or near the Site, which record shall identify quantities, location of storage, use and final disposition of such hazardous substances.

18.5 Contractor shall arrange and agree for the disposal, transportation, reporting and certification (including provision of waste disposal vouchers and other certificates as required by Applicable Law or Permits) of Hazardous Substances, including waste disposal vouchers, brought onto and released at the Site by Contractor or its Sub Contractors, which are expected to include but not be limited to used oil, grease and ethylene glycol, to the extent required by Laws, in each case, by licensed, insured, competent and professional Contractors in a safe manner and in accordance with Laws. As between the Parties, Contractor shall be solely liable for any response, removal, investigation, clean-up or other remedial action required by any Laws related to any Contractor,



18.6 In the event Contractor encounters any Hazardous Substance or other hazardous conditions at the Site that are inconsistent with the Performance Standard or would reasonably be expected to impact the performance of Contractor's obligations hereunder, Contractor shall promptly report the condition to Owner. In such event, Contractor shall stop work and remove, or take other actions necessary to remedy the hazards associated with, any Contractor Hazardous Substances such that Contractor can resume work.

18.7 The Contractor shall indemnify and hold harmless the Owner against any fine, penalty or third-party Claim incurred as a result of non-compliance by the Contractor with the terms of the contract, Applicable Laws, Good Solar Industry Practice and more specifically, with its obligations under Hazardous Substances and Hazardous Site Conditions.

## 19. OWNER'S OBLIGATIONS

During the Term, Owner shall perform the following obligations:

### 19.1 Access

19.1.1. On and from the Commencement Date, Owner shall provide the Contractor (and its Subcontractors) full, free and safe Access to the Plant for the purpose of enabling Contractor to fulfil its obligations under the contract.

Notwithstanding the foregoing, the Contractor shall be required to perform any works (including obtaining permits for such works) related to the Access to the Site required for the delivery of any Spare Parts, if so requested by the Owner in writing, on the Time to time Basis.

19.1.2. The Owner shall give to the Contractor and the Contractor's personnel unrestricted Access to the Site to enable Contractor and the Contractor's personnel to carry out all elements of the Services at any time from the Commencement Date until the end of the Term. Such Access shall include the provision by the Owner of:

- (i) such keys or access codes as may be required by the Contractor to gain unhindered access to the Site (as the case may be);
- (ii) Access to the access roads to and on the Site If there is any deviation, and such deviations are accepted by the transport contractor, then such deviations shall be accepted by the Contractor.



Notwithstanding anything else contained in the contract all Access to the Site and Plant is subject to the applicable site safety, security and environmental requirements and Applicable Law (and the Contractor should comply with the same). The Owner will have the right to limit Access or expel any Person off the Site in case of them not fulfilling the Emergency plan of the Site, the Emergency plan of the Plant Facility.

#### 19.2 Owner's Permits

Contractor, on behalf of the Owner, shall obtain and maintain all Permits and any Permits required by Applicable Law to be obtained in the name of the Owner in order to (i) perform Owner's obligations under the contract and (ii) enable Contractor to lawfully access the Site at the point of entry to the Site and the Plant].

### 20. SITE REGULATIONS

Owner shall (directly or through a Subcontractor, advisor or agent) provide the Site Regulations and revisions thereof from time to time, and shall require the Other Subcontractors and their respective agents and employees to, (i) comply with the Site Regulations; and (ii) take all necessary precautions (as required by Applicable Law or otherwise) for the health and safety of all Persons (including Contractor's personnel) at the Site.

### 21. CERTAIN NOTIFICATIONS BY Owner

21.1 Owner shall, upon obtaining actual knowledge thereof, promptly give the Contractor, as soon as practicable, notice of:

21.1.1. any events or facts or observations that the Owner believes has determined that would:

- (i) have a material adverse effect on the operation of any of the Plant or the performance of the Contractor's obligations under the contract; or
- (ii) to cause an immediate threat to the safe operation of the Project (or any Plant therein) and/or the safety of Persons; provided that, in the case of this current Sub-Clause, the Owner shall provide as soon as possible verbal notice of such event, fact or observation to the other;

21.1.2. any (a) violation of Applicable Laws, including environmental Laws or the terms of any Permit, by Contractor or any Other Subcontractor or (ii) any notices of Liens (or claims of Liens) or investigations by Governmental Authorities related to the Project.



21.2 Failure to furnish notice pursuant to Certain Notifications by Owner shall not affect the Contractor's obligations to perform its obligations. Contractor.

**22. Owner 'S Ownership OF ENERGY, EQUIPMENT, SPARES AND PROJECT BENEFITS**

22.1 The Contractor acknowledges that Ownership of the Energy or any benefits arising out of the operation of the Plant remains at all times, and in all circumstances with the Owner at all times and the Contractor has no legal or equitable title to or interest in the Energy or other benefit.

22.2 The Ownership of all item supplied by the Contractor, including under Additional Services shall be transferred to the Owner at the end of the term of the contract:

(i) such items becoming a permanent part of the Plant against the mutually agreed payment by both the parties

22.3 The Ownership of any item (not including Energy or benefits arising out of the operation of the Plant) supplied by the Contractor as part of the Services shall be transferred to the Owner upon such items becoming a permanent part of the Plant.

22.4 The Contractor agrees that any benefits, including any carbon credits, renewable energy certificates or similar royalty or credit that may arise as a result of having the Project undertaken belong to the Owner and the Contractor shall provide all reasonable assistance requested by the Owner in order to obtain such rights and benefits.

**23. PRICE AND PAYMENT**

**23.1 Total Annual O&M Cost**

Commencing on the Commencement Date and for the remainder of the Term, Owner shall, in consideration of the Contractor providing the Services and its prior receipt of an invoice with respect thereto, pay in accordance with Invoices and Payment to Contractor an annual O&M cost in INR in equal quarterly instalments at the end of every quarter for each year till the Term of the Contract in the amounts set forth in and payable in accordance with Price Schedule No 5/SOR-5 [Schedule of Rates] of the bidding documents for the plant facilities. The yearly breakup of the Total O&M price shall be in line with the Price Schedule No 5/SOR-5.



The Contractor acknowledges that the Total Annual O&M cost forms the sole and exclusive consideration and reimbursement due to the Contractor for the performance of the services included under the Services and Spare Parts and that the Contractor shall not be entitled to any additional amount for their performance, for whatever reason, including, amount others due to increased costs, changes in applicable GST, customs or duties (including, without limitation those set forth in GST, Taxation and Import Duties below), and except as may be specifically provided in the contract.

**23.2 Payment of amounts due to the Contractor:**

Amount shall not be considered as due and payable and the period for the payment of any Price stipulated under the contract shall not commence until the Contractor has duly fulfilled and delivered all obligations and deliverables required from the Contractor until the date of submission of the invoice for the payment to the Owner with relation to such invoice and/or within the period for which the Price included in the invoice are due.

**24. INVOICES AND PAYMENT**

- 24.1 Contractor shall submit Goods & Service Tax (GST) compliant invoices to Owner for the amounts due under Total Annual O&M cost above and for any other amounts that may be due under the contract.
- 24.2 The Total Annual O&M Cost shall be invoiced by the Contractor quarterly against the completion of concerned quarter and each invoice may be submitted by Contractor no later than the day after the completion of the quarterly period in question and, subject to the terms of the contract, shall be paid by the Owner no later thirty (30) days from the date of submission of the invoice along with all other requisite documents (If so required). The Owner shall make payments by wire transfer to the bank account designated from time to time and owned by Contractor. The payment of any invoice shall be subject to the Contractor submitting to the Owner the Monthly Performance Reports.
- 24.3 Additional Services may, for purposes of this Invoices and Payment, be invoiced upon full and proper completion of each individual task and shall, subject to the terms of the contract be paid by the Owner within thirty (30) days from the date of submission of the invoice along with all other requisite documents (If so required).



- 24.4 In the event that the Owner fails to make any payment on its respective due date, the Owner shall pay to the Contractor interest on amount of such delayed payment at the rate as applicable for 46 days term deposit scheme as established by State Bank of India for Local currency payment and London Inter Bank Offered Rate (LIBOR) for Foreign currency payment, shall become payable as from the end of the 15 days period on certified amount due, but not paid, at the end of such period.
- 24.5 To the extent permitted by Applicable Laws, if the amount of an invoice is disputed by the Owner, the Owner shall be entitled to withhold payment of the disputed amount for the next invoice (or part thereof), until the dispute is resolved between the Parties under Law Dispute Resolution or otherwise. The Owner shall pay at the applicable time the undisputed amount of such invoice including any undisputed portion of the invoice item in dispute. Further, the Owner shall be entitled to withhold payment of any amount due to the Contractor, if, at the time, the Contractor is in breach of one or more of its material obligations in terms of the contract.
- 24.5.1. Subject to the provisions on the contract, the Contractor warrants that it has, and will be deemed to have, done everything that would be expected of a prudent, competent and experienced Contractor and in accordance with Good Solar Industry Practices in:
- (i) assessing all risks which it is assuming under the Contract; and
  - (ii) ensuring that the **O&M Price** contain allowances to protect it against any of these risks eventuating,
- and that it will not make a claim for an increase in the **O&M Price** if any of those risks eventuate.
- 24.5.2. Except for Liens arising out of a failure of the Owner to make any payment when due hereunder to Contractor or any other Person providing labour or services to the Project under Contract to the Owner, the Contractor acknowledges and agrees that it shall not file, claim or register any Liens and shall use its best efforts to prevent any Liens from being filed, claimed or registered by any Subcontractor or by any employee, or agent of the Contractor or Subcontractor, against the Services, Additional Services, the Plant as a whole or any part thereof, or any real or other property of the Owner, for any works done or any Services and/or Additional Services rendered under the Contract or any subcontract let by the Contractor and shall procure that all subcontracts contain undertakings to the like effect.



24.5.3. The Contractor shall indemnify the Owner against any loss, damage, cost or expense (including legal fees) of the Owner arising out of or in connection with any Lien being filed, claimed or registered as referred to Invoices and Payment.

24.5.4. The delay or failure of a party to pay any amounts due hereunder, or the withholding of any amounts which are claimed by a party to be due, shall not release the other Party from any of its obligations or liabilities under the contract.

## 25. SCADA, EMS

Contractor shall be required from time to time to update the SCADA and EMS software, as required for the ongoing adequate operation of the Plant Facility. Such updates shall also be provided to the Owner at no additional costs.

## 26. INSURANCE

### 26.1 Contractor's insurance

The Contractor, at his own cost and expense, shall take out and maintain in full force and effect and shall cause its Subcontractors to take out and maintain in full force and effect, throughout the Term of the Contract and any extensions thereof, the following insurance policies from reputable insurers and shall provide the Owner with copies of the corresponding insurance certificates:

- a) Covering physical loss or damage to the all plant facilities at the Site, with an extended maintenance coverage for the Contractor's liability in respect of any loss or damage for the entire term of the contract.
- b) Workers compensation insurance, as required by the Applicable Law and Contracts made with employees.
- c) Group Medical Claim, Group Term Policy & Group Personal Accident Insurances covering the financial consequences cause by damage and loss arising from sickness, disease, injury or death of any person employed by the Contractor in respect of the services performed Automobile Public Liability insurance, as required by the Applicable Laws, for all vehicles and automotive equipment owned hired, rented, leased and non-owned by the Contractor and used in the performance of the Services.
- d) Comprehensive General third-party liability insurance including product and contractual liability covering the financial consequences of the liability arising out loss or damage caused to third parties or to the Owner as consequence of the performance of the services.



- e) All other insurance like – transit insurance (Marine/ Cargo/ others as applicable), Construction All Risk, Erection All Risk, workmen compensation, fire, third party liability, insurance against Insurance against theft, fire, act of God, Contractor's Equipments, machinery breakdown policy, business interruption insurance, Property damage Insurance & Environmental risk insurance as required during the O&M period of the Plant shall be in the contractor's scope & shall borne by the Contractor.

The Service Provides shall ensure that under the aforementioned insurance policies, each of the insured has the ability to claim thereunder for a minimum period of three (3) months from the date of expiry of the insurance policies for any claims that arose prior to the expiry date.

The Owner shall be named as co-insured under all insurance policies taken out by the Contractor, except for the Third-Party Liability and Workers' Compensation Insurances, and the Contractor's Subcontractors shall be named as co-insureds under all insurance policies taken out by the Contractor, except for the Cargo, Workers' Compensation. All insurer's rights of subrogation against such co-insureds for losses or claims arising out of the performance of the Contract shall be waived under such policies.

Annual Status Report of Insurance Claims: The Contractor shall include the status of Insurance Claims made or required to be made during the year as part of the Annual Reporting Requirements.

## 26.2 Contractor's Insurance for the Plant Facility

The Contractor shall take out and maintain an insurance policy, seamlessly with CAR policy taken earlier during construction phase, preferably from same insurance company for the plant facility during the entire term of the contract

In the event of any incident or damage or loss that would be reasonably expected to result in an insurance claim, the Contractor shall:

- a) Notify without delay to the Owner
- b) Prepare and conduct all and any claims made under the policies effected by it, and all monies payable by any insurers shall be paid to the Contractor take all reasonable measures to mitigate the loss, its effects and to protect salvage.
- c) Collaborate with Owner and the insurer and provide them with all information and documents they may request.
- d) Arrange immediate reinstatement of the damage to the Owner's satisfaction, without waiting for the settlement for the corresponding insurance claim.



e) Claim in pursuant to the contract to the insurance agencies, if the claim is accepted or rejected or not accepted or partly accepted by the insurance agency then it will not limit the contractor obligation in any case and also if any losses on account of this shall be in the scope of contractor.

### 26.3 General Insurance Requirements

26.3.1 The Contractor shall, provide copies of the corresponding insurance certificates mentioned above.

26.3.2 If the Contractor fails to effect or maintain any insurance policy required hereunder, or fails to produce copy of the corresponding insurance certificates, the Owner may (but as no obligation), without prejudice to any other right or remedy available to it under the contract, procure the insurance for the relevant coverage and/or pay the premiums due. Such payments shall be recoverable and deducted from the payments to be made to the Contractor by the Owner under the Contract. In the event if Contractor does not pay the premium, then the Owner may pay the premium however in such case the obligations of Contractor to undertake the coverage shall continue as envisaged, irrespective of premium being paid by Owner. The Premium if paid by the Owner shall be recovered from the Annual O&M Fees payable by the Owner to the Contractor.

26.3.3 The Contractor shall comply with the conditions stipulated in each of the insurance policies to be affected under the Contract and shall not make any alteration to the terms of any policy subscribed by it so it deviates from the requirements herein.

26.3.4 The Contractor must promptly notify to the Owner any notification received from an insurance company regarding any actual alteration to one of their policies.

26.3.5 On occurrence of any loss covered by an insurance policy contemplated under *Insurance*, the Contractor shall, as soon as reasonably possible, notify to insurance companies for the policy subscribed by it. The Contractor shall also take any appropriate measure to mitigate the effects to the loss to the maximum extent possible. The Contractor shall assist any assessment mandated by the insurance companies.

26.3.6 The required coverages referred to and set forth in this Article 33 (*Insurance*) shall in no way affect or limit the Contractor's liability with respect to its obligations under the Contract.



26.4 The Contractor shall also arrange suitable insurance to cover following during the O&M

Period:

- a) **Machinery Breakdown:** Electrical & or machinery breakdown of any machinery or other equipment resulting in costly repairs or even replacement of the solar panel.
- b) **Business Interruption:** Cover for period of operational downtime i.e., covering the cash flow of the solar business as a result of an insured peril, for example fire or storm damage, machinery breakdown or equipment failure.
- c) **Property Damage:** The insurance should cover material damage due to external causes such as fire, theft, vandalism, sabotage, hail damage, snow load, lightning strike, overload, operational mistakes, clumsiness, negligence & theft.
- d) **Owners Liability:** Provides cover against the risk of accident from usual workplace risks such as working at height & manual handling during construction & O&M period..
- e) **Environmental Risk Insurance:** Environmental damage coverage indemnifies solar system Owners of the risk of either environmental damage done by their development or pre-existing damage on the development site.

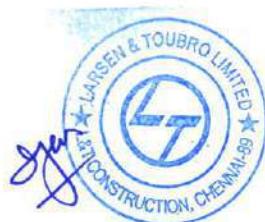


**ANNEXURE 1:**  
**Scope of Work for Operation and Maintenance**

- i) The Contractor shall prepare the initial Annual Operating Plan for the Plant Facility and shall also indicate the proposed resources (manpower, material & machinery) that would be deployed for O&M.
- ii) The Contractor shall be responsible for the smooth day-to-day operation of the Plant Facility.
- iii) The Contractor shall provide necessary routine and preventive maintenance schedules of the plant for the Owner's approval and shall carry out all routine and preventive maintenance accordingly.
- iv) The Contractor shall perform periodic overhauls and preventive maintenance required for the Plant in accordance with the recommendations of equipment manufacturers and as per the O&M manuals.
- v) Contractor shall perform all break down maintenance and other maintenance in the Plant Facility. The Contractor shall be responsible for achieving the performance guarantee of the plant as indicated in the contract.
- vi) The Contractor shall operate and maintain fire protection system and safety equipment for the plant.
- vii) The Contractor shall do maintenance of Electricity system including overhead lines in the Plant Facility area up to the Point of Common Coupling (PCC) to the grid at the site. Necessary co-ordination shall be made by the Contractor with DISCOM/SLDC and other agencies as may be required during the Operation and Maintenance term for smooth operation of the plant.
- viii) Contractor shall work in coordination with the Owner or any Owner's designated party to optimize the Plant production.



- ix) The Contractor shall provide required spare plant Equipment, Spare Parts, tools and tackles, consumables required for comprehensive operation and maintenance of the plant facility. The Contractor shall make arrangement to procure required spare parts, or equipment/s as required, overhauling of parts, tools and equipment, required to operate and maintain the Plant in accordance with the recommendations of individual original equipment manufacturer at his own cost. Cost of imported Equipment & spare parts, if any, shall be included in the O&M quoted cost. The List of Consumables, Spare Parts, tools and equipment shall be finalised in consultation with the Owner or Owner's representative. List of recommended spare parts shall be submitted by the Contractor at the beginning of services, however the complete recommended spares will be in the scope of contractor only. In case any equipment or spares is not listed in the mandatory spares list but is required vitally for the operation of the plant, then the same shall be procured and provided by the contractor without any additional cost.
- x) It is the responsibility of the Service Provider to store the materials in appropriate stock yard or container at the site so as to ensure timely availability of the materials.
- xi) The Contractor shall employ only such personnel who are adequately qualified and experienced for operating and maintaining such power generating sets. The Contractor shall ensure that such personnel are on duty at the plant at all times, 24 (twenty-four) hours a day and 7 (seven) days a week commencing from the Date of Operational acceptance.
- xii) Contractor shall carry out all day-to-day operation and maintenance for the Plant Facility as set forth herein. Contractor shall perform the Work and supply all required spare parts in a prudent and efficient manner and in accordance with manufacturers and systems designers' specifications, the Annual Operating Plan for the Plant and all operation and maintenance manuals, all Indian applicable laws including environmental protection, pollution, sanitary, labour act, factory act, employment and safety laws, ("Government Rules") and Prudent Utility Practice. The contractor shall adhere to all labour laws which are applicable and as specified in the EPC contract document.
- xiii) Contractor shall arrange necessary security staff for watch and ward of the Plant Facility round the clock at his own cost, the details of which shall be furnished along with the bid.
- xiv) Contractor shall be responsible for:
- Maximizing plant capacity utilization,
  - Reducing plant downtime,



- Optimizing the useful life of the equipment of the power plant.
- xv) The Contractor shall maintain all accounting records regarding the facility in accordance with the generally acceptable accounting principles under the Laws of India.
- xvi) The Contractor shall maintain accurate and up-to-date operating logs, records and monthly reports regarding operation and maintenance of the Plant facility (Such records shall be distinctly recorded for Solar PV Plant, in order to have clear data for assessment of any individual component of the Plant Facility) which shall include details of power output, other operating data, repairs performed and status of equipment. All such records to be maintained for a minimum of 60 (sixty) months after the creation of such record or data and for any additional length of time required by regulatory agencies with jurisdiction over the Parties. Upon expiry of term, the Contractor shall hand over all such records to Owner. However, Owner shall have access to all such records at any time. Generation and O&M reports should be made available to Owner on daily and monthly basis in required formats as well as the Quarterly and Annual Performance Reports shall be provided. Contractor shall provide communications as well as daily, weekly, monthly, quarterly and annual reports to the Owner in the desired format as per the Contract with the Owner or Owner's Engineer.
- xvii) The Contractor shall develop and implement plans and procedures including those for firefighting, maintenance planning, procuring and inventory control of stores and spares, plan to meet emergencies, plant safety and security; and such other facilities and systems as may be necessary to commence Contractor's ongoing responsibilities.
- xviii) The Contractor shall provide copies of all necessary documents including the following :
- Operation and maintenance manuals shall be prepared and approval shall be accorded from Owner within three months from the date of Operational acceptance.
  - Failure Analysis/history/trouble shooting details of all the Equipment
  - Identification of Equipment needing preventive maintenance
  - List of Vendors indicating name and addresses during operation and maintenance with credentials
  - root cause analysis report for any major failure.
  - Record of consumables / spare parts



xix) The Contractor shall be responsible for conveying following details to the Owner on daily basis as well as on monthly basis (by the end of 5th day of each month) by fax/ e-mail giving the detail of plant performance during previous month.

- Power generated at all Solar PV Plant
- Power fed to the grid
- Internal power loss and internal consumption
- Power consumption for captive use (if any)
- Reactive power consumption
- Downtime of Plant Facilities including Solar PV Plant and other infrastructure of the Plant facility.

xx) The Contractor shall be responsible for liaisoning with statutory authorities—and local authorities in order to ensure smooth operation of the Power Plant.

xxi) Contractor shall provide constant remote surveillance to the Plant Facility

xxii) Contractor shall provide updates and revisions to Reference Documents, as and when applicable.

xxiii) Shall implement software updates to control and monitoring systems including EMS/SCADA in order to meet the plant facility operating requirement in consonance with the grid operations and in compliance with the grid codes as applicable during the operation.

xxiv) Duly and timely provide the Owner (or parties designated by the Owner) with all notifications required under the Contract including in particular such notifications set forth in Certain Notifications by Contractor;

xxv) Contractor shall provide access to the Owner to all data for the Plant Facility from the EMS including the SCADA system.

xxvi) Contractor shall at all times allow and provide Owner all necessary information for the operation of EMS including the SCADA system (with no notification or approval of access being required unless specifically and otherwise agreed to by the Parties) full, free, unconditional, safe and complete access to the EMS including the SCADA system. Contractor shall monitor and operate the Plant in accordance with the contract and shall ensure smooth operation of the plant.



- xxvii) Provide the training to the Owner's personnel in relation to the operation of the complete plant facility. Training shall be provided to the Owner within 190 days before end the contract.
- xxviii) Contractor shall provide the insurances prescribed in insurance. The Contractor shall, with [prior intimation of 5 Business Days] at regular business hours, allow persons duly authorized by the Owner including but not limited to the officials of the insurance company of the Owner, to inspect the Project and provide to such personnel, access to all information which is necessary for their inspection, and is reasonably requested by the Owner. All representatives of the Owner shall strictly adhere to the Applicable Laws and the Health, Safety and Environmental (HSE) practices of the Contractor as provided in the Reference Documents;
- xxix) Contractor shall provide for the watch and ward of the Plant at all times during the Term. The watch and ward deployment plan shall take care of comprehensive Project level security and the Contractor shall take necessary steps to prevent sabotage, theft, vandalism and malicious damage of the assets comprising the Plant, and shall also coordinate and liaison with law enforcement authorities. The Contractor shall take all possible measures to keep the plant operational and secure.
- xxx) Contractor shall Coordinate with SLDC and other related entities/departments/local Panchayats as required for proper operation of the Plant Facilities. Also coordinate with relevant agencies for monthly Joint Meter Readings, meter testing, and any other requirements such as any audit or inspection by the government agencies or authorities, financiers, any designated third-party agency etc. for the Project operations.
- xxxi) Contractor shall be responsible for appointing a Qualified Coordinating Agency at the Pooling Substation Level and shall be responsible for carrying out the forecasting and scheduling of the energy generation from the plant facility (In accordance with the Deviation Settlement Mechanism Regulations, as applicable). Scheduling given by the Contractor is such that no penalty is levied on the Owner due to any deviation of actual generation from scheduling beyond the allowed limit. If any penalty is imposed on the Owner due to such deviations beyond allowed limit the same shall be passed on to the Contractor and the recovery of the same will be done from the O&M Price payable to the Contractor.
- xxxii) Water requirement for module cleaning arrangement and the cost for the same shall be borne by Contractor. The Contractor shall arrange for water on it's own, by ensuring ESIA norms.



- xxxiii) Contractor shall be responsible to comply with all applicable National and International Standards as well as local statutory provisions related to Environmental Protection Regulations, Health and Safety requirement.
- xxxiv) Contractor will be responsible for coordinating with the OEMs for securing warranty conditions and services from OEMs as per the warrantee of each equipment, as well also for the Project insurance claims.
- xxxv) Contractor shall carry out the performance monitoring for the Plant Facility on continuous basis and in case of any deviation, the Contractor shall perform the due diligence appropriately to find out the actual root cause of such deviation. Any test or inspection required such as thermal imaging, IV characteristics test etc. to analyse such deviation will be the responsibility of the Contractor. Thereafter the corrective action required to mitigate such deviation shall be undertaken by the Contractor without any additional cost.
- xxxvi) Contractor shall be responsible for maintenance of all each and every civil infrastructure parts like Building, cable trench, fencing, drain, plumbing system fire-fighting system, CCTV system, security arrangement, road, earthing, any foundations, anti-weeding, clearing bushes in the solar field etc., as per the direction of Owner's Engineering In-charge.



## ANNEXURE 2

### Functional Guarantees

#### 1. Annual CUF Guarantee

- A. In consideration for the payment of the O&M Price , from the Commencement Date until the end of the Term, the Contractor grants to the Owner the CUF Guarantee on the terms and conditions set forth in the contract.
- B. The Contractor guarantees the annual CUF committed herein over the O&M Period ("Annual CUF Guarantee") from the date of Operational Acceptance. In the event the CUF is less than the Guaranteed CUF, the Contractor shall immediately, upon demand, indemnify the Owner, as liquidated damages and not as penalty, amounts equivalent to remuneration of the equivalent Energy, subject to a maximum of hundred (100%) percent of the Total Annual O&M Price.
- C. Capacity Utilization Factor (CUF) for Solar Plant shall be calculated as per the following formula.

$$CUF = \frac{E_{ac} + E_{outage}}{8760 \times P_{ac} \times [1 - DF \times (N - 1)] \times RCF}$$

where,

$E_{ac}$  = (Energy export recorded in the ABT meter) - (Energy import recorded in the ABT meter), kWh

$E_{outage}$  is the energy adjusted for grid outage hours, kWh

$$E_{outage} = 2 \times (E_b + E_a) \times Q_{outage}$$

$E_b$  is the energy export recorded in the ABT meter during complete 15-min period preceding the start of grid outage, kWh

$E_a$  is the energy export recorded in the ABT meter during complete 15-min period succeeding the end of grid outage, kWh

$Q_{outage}$  is the number of grid outage hours

(The Contractor shall submit grid outage certification from competent authority of STU/DISCOM).

8760 refers to the number of hours in non-leap year. It shall be replaced by 8784 hours during leap year



$P_{ac}$  is the plant AC capacity, kW

DF is module degradation factor, as per approved OEM datasheet.

N is the number of years of operation after operational acceptance of the plant

RCF is the Radiation Correction Factor:

$$RCF = \frac{\text{Measured Irradiation}}{\text{Reference Irradiation}}$$

**Reference Irradiation for the site = 1840 kWh/m<sup>2</sup>/year**

The Measured Irradiation ( $GHI_{mes}$ ) shall be recorded from the Pyranometer installed in horizontal plane at the site location (average in case of multiple pyranometers). The radiation data of the Pyranometer shall be compared with the Reference Irradiation mentioned above. The radiation data from the Plant Pyranometer shall be used for computation of CUF, except in case of any discrepancy (i.e. more than  $\pm 10\%$  variation from the Reference Radiation,  $GHI_{ref}$ ), in which case the radiation data from SolarGIS database for the said period will be used for computation of CUF. Missing data ( $GHI_{mes}$ ) from the Plant Pyranometer shall be substituted by average of GHI measured for the same period in the past three (3) days. The plant Pyranometer has to be under CCTV coverage.

**Note:**

1. CUF shall be calculated on annual basis from the date of operational acceptance of the plant till the end of O&M period.
2. Module degradation factor will not be considered for first year CUF calculation. It is the Contactor's responsibility to envisage and install extra DC capacity to accommodate any degradation during first year.



**D. Liquidated Damages for Shortfall in Annual CUF for Solar PV Plant**

If the Contractor fails to achieve guaranteed annual CUF at the end of First Year, the Contractor shall pay compensation to the Owner (amount to be deducted from the Final Payment at the end of 1 year), an amount equal to the NPV of the estimated shortfall in cash flow resulting over the period of 25 years due to reduced Plant CUF, calculated at a tariff of Rs.3.5 per unit (kWh) and discount rate of 6.5%.

The Contractor may take corrective action during the ensuing year to demonstrate the guaranteed CUF at the end of the 2nd year. In such case, the part of the Final Payment withheld by the Owner on account of Liquidated Damages shall be released and the CUF shall remain unchanged from the tender specifications.

If the Contractor fails to demonstrate the guaranteed CUF at the end of 2<sup>nd</sup> Year as well, the CUF achieved at the end of First Year shall be fixed as the new Guaranteed CUF for the remaining period of this Contract.

**Illustration:**

Guaranteed Annual Energy (MWhs) after 1 Year (assuming RCF =1):

$$P_{ac} * 8760 * \text{CUF}_e * (1 - DF \times (N - 1))$$

$$= 100 * 8760 * 0.226 * (1 - 0.007 * (1 - 1)) = 1,97,976 \text{ MWh}$$

If Actual Generation during First Year = 1,95,000 MWh i.e. CUF = 22.26%

Estimated Shortfall in Cash Flows over 25 years:

Year	Expected Energy as per Guaranteed CUF (MUs), A	Estimated Energy Based on First Year Performance (MUs), B	Estimated Shortfall in Revenue in Rs. Crores (A-B)*3.5/10, C
1	197.98	195.00	1.0424
2	196.59	193.63	1.0351
3	195.20	192.27	1.0278
4	193.82	190.90	1.0205
5	192.43	189.54	1.0133
6	191.05	188.17	1.0060
7	189.66	186.81	0.9987
8	188.28	185.44	0.9914
9	186.89	184.08	0.9841
10	185.50	182.71	0.9768
11	184.12	181.35	0.9695
12	182.73	179.98	0.9622



13	181.35	178.62	0.9549
14	179.96	177.25	0.9476
15	178.57	175.89	0.9403
16	177.19	174.52	0.9330
17	175.80	173.16	0.9257
18	174.42	171.79	0.9184
19	173.03	170.43	0.9111
20	171.65	169.06	0.9038
21	170.26	167.70	0.8965
22	168.87	166.33	0.8892
23	167.49	164.97	0.8819
24	166.10	163.60	0.8746
25	164.72	162.24	0.8673

**LD applicable** = NPV of Column C calculated at Discount Rate of 6.5%  
= ₹ 11,92,75,343.67 (to be deducted from the final payment)

- (i) In case the EPC Contractor takes corrective action and demonstrates guaranteed CUF at the end of 2nd Year i.e. :

**LD Applicable** = Shortfall in Generation in the First Year\*Rs.3.5  
=  $(197.98 - 195) * 3.5 / 10 = \text{Rs. } 1.0424\text{Cr.}$

The Balance Final Payment Amount shall be released to the EPC Contractor.

- (ii) In case the EPC Contractor fails to demonstrate the guaranteed CUF at the end of 2nd Year, Annual CUF guarantee for the remaining period of the Contract shall be fixed as the CUF demonstrated at the end of First Year, as revised CUF. Liquidated Damages applicable in subsequent years, on account of shortfall in generation, shall be determined with reference to this revised CUF.

#### E. Incentives for excess Generation

- (i) Any excess generation over and above the minimum Expected energy in an year, calculated as per the formula below, shall be entitled to an incentive of 50% of PPA tariff per unit of energy:

Minimum Expected Energy (MWhs) in Nth Year:

$$P_{ac} * 8760 * \text{CUF}_e * (1 - DF \times (N - 1))$$

Pac, Plant AC capacity (MW)	100
DF, Module degradation factor (%/year)	As per OEM Datasheet



N, Number of years of operation after operational acceptance of the plant	N= 1,2,3,.....15
CUFe, Guaranteed Annual CUF at the end of First Year (%)	22.6

- (ii) The incentive under this Clause is subject to the upper limit of 110% of the Minimum Expected Energy in the Nth year (Refer (i) above).

**Illustration:**

The Minimum Expected Energy in 5<sup>th</sup> Year as per (i) =  $100*8760*0.226*(1-0.007^*(4))$   
 $= 1,92,432.672 \text{ MWh}$

PPA Tariff = Rs. 3.5/kWh

50% of PPA Tariff = 50% of Rs. 3.5/kWh = Rs. 1.75/kWh

*Case I:* Actual Energy generated in 5<sup>th</sup> Year = 2,10,000 MWh

110% of the Minimum Expected Energy in the 5<sup>th</sup> year =  $110\% * 1,92,432.672 = 2,11,675.9392 \text{ MWh}$

Since  $2,10,000 < 2,11,675.9392$

Generation Incentive = Rs.  $(2,10,000 - 1,92,432.672)*1000*1.75 = \text{Rs. } 3,07,42,824/-$

*Case II:* Actual Energy generated in 5<sup>th</sup> Year = 2,15,000 MWh

Since  $2,15,000 > 2,11,675.9392$ ,

Generation Incentive = Rs.  $(2,11,675.9392 - 1,92,432.672)*1000*1.75 = 3,36,75,717.6/-$

*Case III:* Actual Energy generated in 5<sup>th</sup> Year = 1,90,000 MWh

Since  $1,90,000 < 1,92,432.672$

LD applicable as per Clause D =  $(1,92,432.672 - 1,90,000 )*1000* 3.5 =$

Rs. 85,14,352/-

- F. In case the Project fails to generate any power continuously for 1 month any time during the O&M period, apart from the force majeure and grid outages as certified by competent authority from STU/ CTU, it shall be considered as “an event of default”. In the case of default the entire Contract Performance Security will be forfeited.



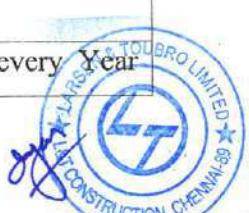
G. Penalty during O&M period against breakdown of other Infrastructure of Plant Facilities that don't affect the generation of power directly, such as but not limited to, civil infrastructure, water supply system/network, other Infrastructure developed by the Contractor as a Scope of Work for the Project (Section-VII: Scope of Works & Technical Specifications) shall be penalised @ Rs.1000/day, for non-compliance with PM Schedule (Initiation/Completion of Scheduled maintenance Activity as agreed under this Contract) beyond 48 hours. Cumulative value of such penalty shall be limited to 50% of yearly O&M cost. Cumulative value of such penalty shall be limited to 50% of yearly O&M cost.

For the purpose of this Clause, the PM shall be inclusive of, but not limited to, the following PM activities:

Item	Scope of Maintenance Activity	Periodicity
Environmental/Corrosive Protective Coatings	White-washing/Application/Re-application of Distemper, Epoxy coatings	Once in every 2 years under the O&M Contract period, in consultation with the Owner
Floats	Check for and replacement of leakages in floats, Repair and Maintenance of Bolts/joints	Once in every 6 months under the O&M Contract period
Anchoring & Mooring System	Check for the integrity of the anchors at the reservoir bed, the health of tethering hawsers, Repair and Maintenance of the same as required.  Note : The employment of trained divers, safety equipment, necessary tools and tackles for survey, boats for access shall be	Once every year prior to Monsoon season, in Consultation with the Owner



	the responsibility of the Contractor	
Roads and Access paths	Repair and maintenance of all roads – Access, Internal and Periphery roads, walkways as well as fences, gates, cable-trenches and outdoor equipment platforms.	Once every year prior to Monsoon season, in Consultation with the Owner
Water Supply Network	Repair and Maintenance of Water Supply Network including piping network, valves, pumps, RO system etc.	Once Every Year in Consultation with the Owner.
Measurement of Water BOD and COD	Water Biological and Chemical Demand Measurement	Once Every Year
Periphery Lighting	Repair and maintenance of Peripheral Lighting including replacement of non-functional lighting fixtures, Junction Boxes, Conduits etc.	Once every Six Months
Floating Platform for Transformer and Other Equipment	Repair and Maintenance	Once every Six Months
Rodent Entry Points	Application/re-application of Anti-rat protection measures like PUF filling, sealant etc. at Checker/Gland Plates, Cable Entry Points (in PCU/SMU, Switchgear Panels, Buildings, Enclosures)	Once every Six Months
All bolted/tightened	Tightening/fastening of bolts	Once every Year



structures	that are exposed to winds/vibrations like MMS members/foundation bolts	before onset of Windy season, in consultation with the Owner.
Enclosures of Equipment requiring Temperature and Dust Controlled environment for Normal Operation	Application/re-application of insulation/Dust-Filters/Temperature-control equipment at Enclosures/Buildings housing PCU, Switchgear	Once every Year, consultation with the Owner.
Entire Plant Facility	Oversight management of the hazardous/toxic materials including its handling and disposal as per Government of India Rules and environmental and safety assessments by a qualified Specialist	Once every Year, in consultation with the Owner.

**Note :** The Contractor shall ensure intimation and submission of requisite Reports to the Owner at least 15 days prior to initiation of maintenance action for the activity.

H. Void

- I. The Penalty specified on account of delays, as specified in Liquidated Damages and Penalty specified on account of deviations in Functional Guarantees as above shall be assessed independent of each other. Above mentioned Penalties specified under this clause of SCC are independent of each other.

**Recovery of Compensation**

The above compensations shall be deducted from Contract Performance Security (CPS) submitted by the developer.

**Scheduling and Forecasting:**



1. The Contractor shall be responsible for appointing a Qualified Coordinating Agency if required by concerned authorities at the Pooling Substation Level for scheduling and forecasting activity. Also the contractor shall be responsible for carrying out the forecasting and scheduling of the energy generation from the plant facility (In accordance with the Deviation Settlement Mechanism Regulations, as applicable). Scheduling given by the Contractors is such that no penalty is levied on the Owner due to any deviation of actual generation from scheduling beyond the allowed limit. If any penalty is imposed on the Owner due to such deviations beyond allowed limit the same shall be recovered from the CPS given by the contractor.
2. The deviation charges, as per applicable regulations, for the difference in units between scheduled and actual generation shall be recovered from the contractor on following basis.
  - 2.1 In case of any deviation due to forecasting and scheduling error, Contractor shall bear the cost/Penalty.
  - 2.2 In case of localized thunderstorm/sand storm, SECI shall bear the deviation charges till the time period before which the revision of scheduling is not allowed, as per applicable regulation.
  - 2.3 In case if there is a component/Machine/Inverter failure. SECI shall bear the deviation charges on account of such failure till the time period block before which the revision of scheduling is not allowed, affected as per applicable regulation. The contractor shall bear the deviation charges due to such failure beyond such time period.



## Appendix 13 Schedule of Rates (SOR)



## **Appendix 13**

### **Schedule of Rates (SOR)**



### **Schedule No. 1. Plant and Mandatory Spare Parts Supplied from Abroad**

**SCHEDULE OF RATES [SOR-1] - FLOATING SOLAR PART 100 MW (AC), Part-A**

General Instructions for Submission of Research Services

- |   |   |
|---|---|
| 1 | The price evaluation for Schedule 1 will be done based on the total CIP price mentioned under CELL NO H 26 excluding of any applicable taxes & duties. However, For the purposes of Contract award, the total price mentioned under CELL No R 26 including CIP Price+BCD+SWIS+SGD+GST will be considered from Schedule No 1.  |
| 2 | Employer will pay the amount for BCD+SWIS & SGD/ADD against the submission of documentary evidence with a MAXIMUM CEILING of BCD+SWIS & SGD/ADD charges as mentioned by the Bidder in the Price Schedules No 1 at the time of bidding. Bidders are required to quote the applicable BCD+SWIS & SGD/ADD with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim such taxes & duties already quoted during the bid. The ceiling amount of BCD+SWIS & SGD/ADD is applicable only for the purpose of Award, however, any change in such taxes and duties or introduction of new law during the entire course of the contract will be treated in line with the "Change in Law & Regulations" GCC clause 36 of the RIB. No BCD+SWIS & SGD/ADD will be reimbursed to the contractor in the absence of documentary proofs. *BCD: Basic Custom Duty, SWIS: Social Welfare Surcharge, SGD: Anti-Dumping Duty, GST: Goods & Service Tax |
| 3 | The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No 1 at the time of bidding. Bidders are required to quote the applicable GST with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid. However, any change in such GST or introduction of new law during the entire course of the contract, will be treated in line with the "Change in Law & Regulations" GCC clause 36 of the RIB.   |
| 4 | Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/Line Item/Scope has been considered by the bidder untroubled.  |
| 5 | In case the bidder doesn't want to mention any quantity/price in any particular line item, then he has to put zero (0) against that particular line item.   |



**Schedule No. 2. Plant and Mandatory Spare Parts Supplied from Within the Employer's Country**

**SCHEDULE OF RATES [SOR-2] - FLOATING SOLAR PART 100 MW (AC) - Part-A**

Item	Description	Qty (Ls)	Currency	Unit Ex Works (EXW) Price	Total EX Works (EXW) Price	Goods & Service Tax (GST) in absolute figures	% (Percentage) of Goods & Service Tax (GST) considered	Total Ex Works (EXW) Price with GST
1	2	3	4	5	6=3*5	7	8	9=6+7
<b>A - SUPPLY</b>								
1	Supply of PV Modules as specified in the Tender Documents	1			0			0.00
2	Supply of Inverters as specified in the Tender Documents	1			0			0.00
3	Supply of Inverter Transformer as specified in the Tender Documents	1	INR	144645290.7	144645290.7	19961050.11	13.80%	16,46,06,340.80
4	Supply of MV Switchgear and RML as specified in the Tender Documents	1	INR	68434562.7	68434562.7	9443969.652	13.80%	7,78,8,532.35
5	Supply of Module Mounting Structure as specified in the Tender Documents	1	INR	0	0	0	13.80%	
6	Spare Modules (As Mandatory Spares, 0.50% of total supply of solar modules)	1	INR	0	0	0	13.80%	0.00
7	Mandatory Spares excluding Modules	1	INR	21402265.42	21402265.42	2853512.628	13.80%	2,43,55,778.04
8	Cables (All DC, LT & HT)	1	INR	278843876.6	278843876.6	34848427.37	13.80%	31,73,24,103.99
9	Weather Monitoring Station	1	INR	9518397.507	9518397.507	1313538.556	13.80%	1,08,31,936.36
10	Manufacture & Supply of Balance of System including all Equipments, Materials, Spares, Accessories, Safety & Fire Fighting System etc. excluding in above Solar Part supply and any other Supplies specified in the Tender Documents	1	INR	5655789763.8	5655789763.8	78075987.41	13.80%	64,38,68,751.23
11	Supply of Floats alongwith Module Mounting Arrangement as specified in the Tender Documents	1	INR	1082458688	1082458688	149379288.9	13.80%	1,23,18,37,986.57
12	Supply Floats (with Module Mounting arrangement)	1	INR	7577210.814	7577210.814	1045655.092	13.80%	86,22,865.91
13	Spare Anchoring & Mooring arrangement (with guy ropes)	1	INR	3247376.063	3247376.063	448137.8967	13.80%	36,95,513.96
	<b>Sub Total - A</b>				2381957231			2,48,31,21,809.21
	<b>Total A (Supply from Employer's Country)</b>				2181917231			2,48,31,21,809.21

**General Instructions to fill the Price Schedules**

- The price evaluation for Schedule 2 will be done based on the total Ex Works (EXW) price mentioned under CELL NO G 23 excluding of applicable GST. However, For the Purpose of Contract award, the total price mentioned under CELL No J 23 including Total Ex Works Price (EXW) + GST will be considered from Schedule No 2.
- The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No 2 at the time of bidding. Bidders are required to quote the applicable GST with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid. However, any change in such GST or introduction of new law during the entire course of the contract, will be treated in line with the "Change in Law & Regulations" GCC clause 36 of the RFB.
- Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Part/line item/scope has been considered by the bidder suitably somewhere else in the Price schedules.
- In case the bidder doesn't want to mention any quantity/price in any particular line item, then he has to put zero (0) against that particular line item.



### Schedule No. 3. Design Services

## **SCHEDULE OF RATES [SOR-3] - FLOATING SOLAR PART 100 MW (AC) - Part A**

General Instructions to fill the Price Schedules

- |   |   |
|---|---|
|   | The price evaluation for Schedule 3 will be done based on the total basic price mentioned under CELL NO J 13 excluding of applicable GST/Taxation. However, For the Purpose of Contract award, the total price mentioned under CELL NO M 13 including Total basic price + GST/Taxation will be considered from Schedule No 3.   |
| 1 | The payment of GST/Taxation by the Employer shall only bear at the CEILING of GST/Taxation as mentioned by the Bidder in the Schedule No 3 at the time of bidding. Bidders are required to quote the applicable GST/Taxation with due diligence & appropriate financial prudence, as afterwards bidders will not be able to changes or claim the GST charges already quoted during the bid. However, any change in such GST or introduction of new law during the entire course of the contract, will be treated in line with the "Change in Law & Regulations" GCC clause 36 of the RIB. |
| 2 | Bidders are required to fill the relevant portion/Parts/line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/Scope has been considered by the bidder suitably somewhere else in the Price schedules.  |
| 3 | In case the bidder don't want to mention any quantity/price in any particular line item, then he has to put zero (0) against that particular line item.   |



Schedule No. 4. Installation and Other Services

**SCHEDULE OF RATES [SOR-4] - FLOATING SOLAR PART 100 MW (AC) - Part- A**

Sl. No.	Description of Item	Quantity (Ls)	Price			Total Charges including GST / Taxation	% (Percentage) of Goods & Service Tax (GST/Taxation considered)	Total Price including GST / Taxation
			Local currency Portion	Unit Charges (INR)	Total Charges (INR)			
1	2	3	4	5=3*4	6	7	8=3*7	9=5+8
1	Inland Freight and Transit Insurance upto Site for all the mentioned Supply portion under SOR 1 & SOR 2 for Part A	1	18537571.52	16537571.52	NA	NA	NA	16537571.52
2	Installation, Erection, Testing and Commissioning including Performance Testing and Insurance in respect of all the Equipments Supplied under SOR 1 & SOR 2 for Part A	1	116980569.7	116980569.7		0	116980569.7	116980569.7
3	Civil and allied works including construction and Installation of Fixals etc. SOR 1 & SOR 2 for Part A. It also includes the cost of conducting Detailed Hydrographic & Geophysical survey Before finalising the design of FSPPV plant!	1	79340466.59	79340466.59		0	79340466.59	79340466.59
	<b>Sub Total - A</b>							212836607.9
	<b>Total A (Installation &amp; Other Services)</b>							24,22,33,095.78

**General Instructions to fill the Price Schedules**

- The price evaluation for Schedule 4 will be done based on the total basic price mentioned under CELL NO 15 excluding of applicable GST/Taxation. However, For the Purpose of Contract award, the total price mentioned under CELL NO M 15 including Total basic price + GST/Taxation will be considered from Schedule No 4.
- The payment of GST/Taxation by the Employer shall only be at the CEILING of GST/Taxation as mentioned by the Bidder in the Schedule No 4 at the time of bidding. Bidders are required to quote the applicable GST/Taxation with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid. However, any change in such GST or introduction of new law during the entire course of the contract, will be treated in line with the "Change in Law & Regulations" GCC clause 36 of the RF.
- Bidders are required to fill the relevant portion/Parts/line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/scope has been considered by the bidder suitably somewhere else in the Price schedules..
- In case the bidder don't want to mention any quantity/price in any particular line item, then he has to mandatorily put zero (0) against that particular line item.



Schedule No. 5. Operation & Maintenance

**SCHEDULE OF RATES [SOR-5] [OPERATION AND MAINTENANCE]- PLANT FACILITIES**

Sl. No.	Description of Item	Year	O&M Price (INR) (Excluding GST) in figures	Total value of Applicable GST in absolute figures (GST to be calculated on absolute O&M Price)	% (Percentage) of Goods & Service Tax (GST) considered	Total O&M Price including GST	Present Value Factor (PVF)	Total NPV of O&M Price excluding GST
				4	5	6		
<b>OPERATION &amp; MAINTENANCE</b>								
1	Operation and Maintenance of the Floating SPV	1	2,51,58,780.00	45,28,580.40	18.0%	2,96,87,360.40	0.923	23230637.119
1	Plant for FIRST YEAR	2	2,59,13,543.40	46,64,437.81	18.0%	3,05,77,981.21	0.853	22093773.068
2	Operation and Maintenance of the Floating SPV	3	2,66,90,949.70	48,04,370.95	18.0%	3,14,95,320.65	0.787	21012545.023
3	Plant for SECOND YEAR	4	2,74,91,678.19	49,48,502.07	18.0%	3,24,40,180.27	0.727	19984230.262
4	Operation and Maintenance of the Floating SPV	5	2,83,16,428.54	50,96,957.14	18.0%	3,34,13,385.68	0.671	19006239.307
5	Plant for FIFTH YEAR							
<b>TOTAL NPV OF O&amp;M FOR 05 YEARS (1+2+3+4+5)</b>			<b>13,35,71,379.83</b>	<b>2,40,42,848.37</b>		<b>15,76,14,228.20</b>		<b>10,53,27,424.78</b>

**General instructions to fill the Price Schedules**

- The price evaluation for Schedule 5 will be done based on the NPV of O&M price excluding GST mentioned under CELL NO J 25. However, For the Purpose of Contract award, the total price mentioned under CELL NO H 25 including Total O&M price of 05 years + GST will be considered from Schedule No 5.
- The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No 5 at the time of bidding. Bidders are required to quote the applicable GST/Taxation with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid. However, any change in such GST or introduction of new law during the entire course of the contract, will be treated in line with the "Change in Law & Regulations" GCC clause 36 of the RfB.
- Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/Scope has been considered by the bidder suitably somewhere else in the Price schedules.
- In case, the bidder don't want to mention any quantity/price in any particular line item, then he has to mandatorily put zero (0) against that particular line item. O & M Charges on YoY basis must be in equal or in ascending order only.





SCHEDEULE NO 6 /SCHEDULE OF RATES [SOR-6] - GRAND TOTAL SUMMARY	
Total Price of Schedule No 1/SOR 1	2,35,05,163.94
Total Price of Schedule No 2/SOR 2	2,18,19,17,231.29
Total Price of Schedule No 3/SOR 3	2,22,53,552.00
Total Price of Schedule No 4/SOR 4	21,28,58,607.89
Total Price of Schedule No 5/SOR 5	10,53,27,424.78
Evaluated Bid Value of the Plant Facility (SOR 1+SOR 2+SOR 3+SOR 4+SOR 5)	2,54,58,61,979.90

\*\*In case of Foreign Bidders, the price values of SOR 1, SOR 2 , SOR 3 & SOR 4 will be first converted to INR for evaluation purpose & then accordingly the final EBV will be calculated



Appendix 14 List of proposed  
subcontractors/manufacturers for major items





**Sub-Vendors Details**

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
1	PV Modules	Lot	1	AKCOME	West Jintang Road, Economic Development Zone of Zhangjiagang, Jiangsu	China
		Lot	1	Trina Solar Limited	No: 2 Tian He Road, Trina PV Industrial Park, New District, Changzhou, Jiangsu 213031, People's Republic of China	China
		Lot	1	Wuxi Suntech Power Co., Ltd.	9 Xinhua Road, New District, Wuxi Jiangsu Province 214028 People's Republic of China	China
		Lot	1	Canadian Solar Inc.	No. 2 Changsheng Road, Yang Yuan Industry Park, Changshu, Jiangsu, China,	China
		Lot	1	Zhejiang CHINT Electricals Co., Ltd	No.1 CHINT Road, Chint Industrial Zone, North Baixiang, Yueqing, Zhejiang Province, P. R. China 325603	China
		Lot	1	Jinko Solar China	F22 D7-9, Western Central Plaza T1, 1# Xizhimen Street, Beijing, China 100044	China
		Lot	1	GCL Poly	Unit 1703-1706, Level 17, International Commerce Centre, 1 Austin Road West, Kowloon, Hong Kong	Hong Kong
		Lot	1	ZN Sine Solar	No.1, South Zhenxing Road, Zhixi Town Industry Concentration Zone, Jintan Zone, Changzhou, Jiangsu Province	China

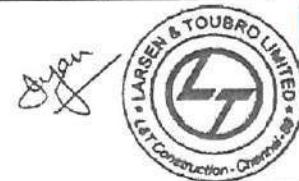




**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
		Lot	1	ReneSola	7/F, Block B, Future Land Holdings Tower, No. 5, Lane 388, Zhongjiang Road, Putuo District, Shanghai 200062, China	China
		Lot	1	RISEN ENERGY CO., LTD	Tashan Industry Zone, Meilin, Ninghai, Ningbo, China	China
		Lot	1	Hanwha Q CELLS Co., Ltd.	86, Cheonggyecheon-ro, Jung-gu, Seoul Korea 101-797	South Korea
		Lot	1	JA Solar Holdings Co., Ltd.	No.36, Jiang Chang San Road, ZhaBei, Shanghai 200436, China	China
		Lot	1	Zhongli Talesun Solar Co., Ltd.	No.1 Talesun Road, Shajiabang, Changshu, Suzhou, Jiangsu Province P.R. China 215542	China
		Lot	1	Leapton Solar	No. 55, Sunshine Avenue, Yushan High-Tech Industrial Park, Changshu, Jiangsu.	China
		Lot	1	HT – SAAE	Shanghai, China	
		Lot	1	Ningbo OSDA Solar Co., Ltd	No.128,Haichuan Road, Jiangbei District, Ningbo City, Zhejiang, China	China
		Lot	1	Astronergy Sol4ar	1335 Binan Road, Binjiang District, Hangzhou, Zhejiang Province 310053 , People's Republic of China	China





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	ET Solar	Jianye District, 210019 Nanjing, China	China	
	Lot	1	Longi	No.8369 Shang Yuan Road, Economic And Technological Development Zone ,Xi'an	China	
	Lot	1	Seraphim Solar System Co., Ltd.	10 Tongshun Road, Henglin Town, Wujin District, Changzhou, China	China	
	Lot	1	Boviet Solar Technology Co., Ltd	B5, B6, Song Khe Industrial Zone, Noi Hoang District Bac Giang Province, Vietnam.	Vietnam	
	Lot	1	Daqo New Energy Corp.	Room C,29th Floor,Huadu Building,No.838,Zhangyang Road,Pudong Shanghai,200122 , China	China	
	Lot	1	Econess Energy Co., Ltd.	No. 58 Haida Road, Huashi Jiangyin, Jiangsu Province, P.R. China	China	
	Lot	1	DMEGC Solar	Hengdian Industrial Zone, Dongyang, Zhejiang, China, 322118	China	
	Lot	1	Vietnam Sunergy Joint Stock Company	Lot III - Dong Vang Area, Dinh Tram Industrial Zone, Hoang Ninh Commune, Viet Yen District, Bae Giang Province,	Vietnam	
	Lot	1	Ronma Solar	No. 39 Weihe Road, Dongying City, Shandong Province	China	



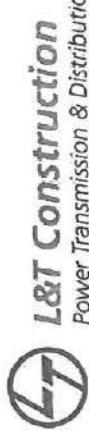


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ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	Risun Technologies	357 West 6160 South Murray, Utah 84107	USA	
	Lot	1	Risun Technology Co.Ltd	Building C, 2 Kezhi Road, Suzhou Industrial park, China	China	
	Lot	1	Schutten Solar	Chuzhou, Anhui Province, China	China	
	Lot	1	Thaisun Green Energy Co. Ltd.	Bueng, Si Racha District, Chon Buri 20230, Thailand	Thailand	
	Lot	1	Topray Solar	Floor 8, Building A, Hong Nian Plaza, 4060 Qiaoxiang Road, Nanshan District, Shenzhen	China	
	Lot	1	CETC Solar Energy	1025 Xinkaipu Road, Tianxin District, Changsha, Hunan 410111	China	
	Lot	1	Ningbo Ulica Solar Science & Technology Co., Ltd	No.181 Shanshan Road, Wangchun Industrial Area, Haishu District, Ningbo, China	China	
	Lot	1	Yingli Green Energy Holding Co., Ltd.	3399 North Chaoyang Avenue Baoding 071051, China	China	
	Lot	1	Jetion Solar	No. 1011, Zhencheng Road, Shengang Town, Jiangyin, Jiangsu	China	



Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	1	Sova Power Ltd	EC-136, Sector-1, Salt Lake City, Kolkata 700 064, India	India
	Lot	1	1	Alpex xports Pvt.Ltd	81/2,F.F, Sri.Aurobindo Marg, Adhchini, New Delhi-110017.	India
	Lot	1	1	Waree Solar	602, Western Edge-I, Off Western Highway Express, Borivali East, Mumbai - 400066	India
	Lot	1	1	Vikram Solar	The Chambers,8th Floor 1865,Rajdanga Main Road, Kolkata-700107,India	India
	Lot	1	1	Emmvee Solar	"Solar Tower",#55, 6th Main, 11th Cross Lakshmaiah Block, Ganganagar Bengaluru - 560 024.	India
	Lot	1	1	Green Brilliance Energy Pvt. Ltd.	A-1/3 & 4, B.I.D.C. Industrial Estate, Gorwa, Vadodara-390 016.	India
	Lot	1	1	Pixon green energy Pvt. Ltd	Rajkot - Jamnagar Highway, PO: Depaliya, TA: Padadhari, Rajkot – 360110, Gujarat	India
	Lot	1	1	Rayzon Solar Pvt Ltd.	Block no. 5 B/H Aron Pipes B/H Hariya talav Karanj Kim – Mandavi road, Gujarat-394110	India
	Lot	1	1	Navitas Solar	Plot no B-20/3, Road no 13-14, Hojwala Industrial Estate, Sachin Palsana Highway, Surat Gujarat -394230	India
	Lot	1	1	Satvik Green Energy	Village Dubli, Chadiala - Kesri Road, Tehsil Barara, Haryana 133102	India



20/07/2018





**L&T Construction**  
Power Transmission & Distribution I/C

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	Photon Solar	Unit 19, Mount View Enclave, Road no 12, Banjara Hills, Hyderabad, Andhra Pradesh, 500034.	India	
	Lot	1	XL Energy	C2, Pooja Plaza Vikrampuri, Secunderabad - 500 009 Telangana.	India	
	Lot	1	BYD Electronics India (P) Limited	F 20, MGF Mega City Mall, MG Road, Gurgaon – 122002, India	India	
	Lot	1	Goldi Solar P. Ltd	1009, 10 <sup>th</sup> Floor, Infinity Tower, Beside Ayurveda College, Near Railway Station, Surat – 395003, Gujarat – India	India	
	Lot	1	Premier Solar	Survey No.54/Part, Main Road, above G.Pulla Reddy Sweet House, Vikrampuri Colony, Karkhana, Secunderabad, Telangana 500009	India	
	Lot	1	Adani Solar	Revenue Survey no.180/P, Siracha Taluka, Mundra, Bida, Tunda, Gujarat 370435	India	
	Lot	1	Hitachi	B-14/1 & 171, B-117 & 118, GIDC Electronics Zone, Sector 25, Gandhinagar, Gujarat 382044	India	
	Lot	1	SINENG ELECTRIC CO. LTD	No.6, Hehui Road, Huishan District, Wuxi, China-214174	China	
	Lot	1	HUAWEI	Huawei Industrial Base, Bantian Longgang Shenzhen 518129, P.R. China	China	
2	Inverter	1	Delta	Plot No. 43 Sector 35, HSIIIDC Gurgaon, PIN 122001, Haryana, India.	India	
		1	Sungrow	No.1699 Xiyou Rd., New & High Tech Zone, Hefei, 2300088, China.	China	
	Lot	1	Schneider	3rd Floor, Dbs West Minister, No-108/5, Dr Radhakrishnan Salai, Mylapore, Mylapore, Chennai, Tamil Nadu -600098	India	



ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
		Lot	1	GROWATT	Growtht Industrial Park, No.28 Guangming Road, Longteng Community, Shijian, Baoan District, Shenzhen	China
		Lot	1	Fimer	Rajajinagar Industrial Estate, Plot No 1,2,3,4, Kssidc It/bt park Bengaluru, Karnataka.	India
		Lot	1	TBEA Energy (India) Private Limited	"TBEA Green Energy Park" National Highway No.8, Village Miyagam, Karjan, Vadodara - 391440, Gujarat	India
		Lot	1	SINENG ELECTRIC CO, LTD	Plot No. 56 & 57, Bommasandra-Jigani Link Road Bangalore, Karnataka	India
		Lot	1	Wattpower Systems Pvt Ltd.	221, OKHLA INDUSTRIAL ESTATE, PHASE III DELHI South Delhi DL 110020 IN.	India
		Lot	1	Delta	Plot No. 43 Sector 35, HSIIDC Gurgaon, PIN 122001, Haryana, India.	India
		Lot	1	Sungrow	JMD Pacific Square, 301, Part II, Sector 15, Gurugram, Haryana 122001	India
		Lot	1	SOFARSOLAR Co., Ltd.	10/F., Gaoxinqi Technology Building, No.67 Area-Xingdong Community, Xian'an Sub-district, Bao'an District Shenzhen City	China
		Lot	1	ABB	Rajajinagar Industrial Estate, Plot No 1,2,3,4, Kssidc It/bt park Bengaluru, Karnataka.	India
		Lot	1	Ingeteam	Ingeteam Power Technology India Pvt. Ltd.2nd Floor, 431,Udyog Vihar, Phase III Gurgaon 122016 Haryana .	India
		Lot	1	TMEIC	Unit #03-01, Third Floor, Block 2, Cyber Pearl HITEC City, Madhapur, Hyderabad - 500 081 Andhra Pradesh.	India
		Lot	1	Chint Power Systems	804 & 805, 8th Floor, Platinum Tower, Sohna Road, Sector 47, Gurugram 122018	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	1	InSolare Energy Pvt. Ltd	5th Floor, ASK Towers, Kundanahalli, Bangalore, Karnataka, 560066	India
	Lot	1	1	SmartTrak Solar Systems Pvt. Ltd.	H.No.1-90/2/10/E (Ground Floor) Vittal Rao Nagar Cyberabad, Hyderabad-500081 +91-40-48684455,655554718	India
	Lot	1	1	Purshotam Profiles Pvt. Ltd.	City Tower, 2nd floor, Netaji Subhash Palace, Pitampura, New Delhi-110034. M: 9711331343.	India
3	Module Mounting Structure	Lot	1	Karamtara Engineering Pvt. Ltd.	705, Morya Landmark II, New Link Road Andheri (West), Mumbai – 400 053	India
	Lot	1	1	Arctech Solar Holding Co., Ltd	Address: 6 Baiyang Road, Lujia Town, Kunshan, Jiang Su Province, China Phone: +86-512-57670676 Fax:+86-512-57353473 Email: sales.arctechsolar@arctechsolar.com	China
	Lot	1	1	Pennar Industries Limited	IDA, Patanchheru, 502319, Medak Dist ( AP ) India	India
	Lot	1	1	Metalkraft Forming	Metalkraft Forming Industries Private Limited ,IDA, Pashamylam, Medak District- 502307 Andhra Pradesh	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	1	Tianjin Renhui New Energy Technology Co Ltd	No.5 Hengtai Road Daqizhuang, Tianjin	China
	Lot	1	1	Tianjin JMS(Tongying) Steel Co.,Ltd.	Jinghai County, Tianjin City, China.	China
	Lot	1	1	Jiangsu Guoqiang Galvanization Industrial Co., Ltd.	Industrial Zone, Shangxing Town, Liyang, Jiangsu	China
	Lot	1	1	Jayaam Galvanizers	Amoor Road, Madhavaram Village, Amoor Post, Ponneri Taluk, Thiruvallur Dist., Pin-601204	India
	Lot	1	1	Balsara Engineering Products Limited	SF/273, 16th KM Mile Stone, Kavaraitpetti Village, Thanipoondi, Gummidi poondi Taluk, Thiruvallur District-601202.	India
	Lot	1	1	Dewas Metal Sections Ltd.	Ranipet Plant, 357/A2, Mukundarayapuram, PO Ponnai Road, Ranipat, Vellore (Dist.) (TN)-632406	India
	Lot	1	1	CELL COM Teleservices Pvt Ltd, UP	Cell-Com Teleservices Pvt. Ltd. A-52, UPSIDC Industrial Area, Sikandrabad, Distt. Bulandshahar (U.P.)	India





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Power Transmission & Distribution I/C

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	1	PUSHPAK Enterprises, Rajasthan	G-1/678-679, RILCO Industrial Area, Tehsil Tijara,, District Alwar, Chhanki, Bhawani, Rajasthan 301019	India
	Lot	1	1	Shah Infra Towers, Davangere	Davangere (Karnataka)	India
	Lot	1	1	Simplex Engineering Pvt Ltd	15th Floor, 1503 Modi Corporation Hemkunt Tower, 98, Nehru Place New Delhi – 110019.	India
	Lot	1	1	SSB Structural & Galvanizing pvt ltd	SSB Structural and Galvanizing Pvt. Ltd, Regd. Office & Works: Plot No: 8,9,10 & 11, Phase: 2, IDA, Cherlapally, Hyderabad – 500051, Ranga Reddy District, Andhra Pradesh, INDIA.	India
	Lot	1	1	Nuevosol	Plot # 409, Road No. 81, Phase 3, Jubilee Hills Hyderabad - 500 033 AP.	India
	Lot	1	1	Fab Industries	FAB Industries pvt ltd, Ghat no-131/1, 127&128 Wadiwahare , Tal-Igatpuri, Dist-Nashik-422403	India
	Lot	1	1	Ratan Projects	26, P.K Tagore Street, Kolkata - 700006	India
	Lot	1	1	Encorp Powertrans	Gat No.240/5/6/7   Boisar - Mahagaon Road   Village Varangade   Boisar (E) Tal. & Dist.Palghar	India



ANNEXURE 1 TO ATTACHMENT 5

	Lot	1	Isher Structures	F32 RIICO Industrial Area, Pilani, Rajasthan - 333031	India
	Lot	1	Vikram India	Tobacco House, 1 Old Court House Corner, Kolkata-700001	India
	Lot	1	Vishal Pipes	A-71, A-68&68/1, Industrial Area, Sikandrabad, Bulandshahar - 203205 (U.P.)	India
	Lot	1	Goodluck	Corporate Office: Good Luck House, II F, 166-167, Nehru Nagar 2, Ambedkar Road, Phone Number: 01204196600, 01204196700	India
	Lot	1	Eros	G-97 MIDC Industrial Area Butibori Nagpur Maharashtra India 441108	India
	Lot	1	M/s.Trinity Touch	D-10, Defence Colony, Defence Colony, New Delhi, Delhi 110024	India
4	Lot	1	Sertel Electronics P. Ltd	No 377, Nehru Nagar, 1st Cross Street, Perungudi, Chennai-600096	India
	Lot	1	M/s. HPL	1/20, Asaf Ali Road, New Delhi - 110 002	India
	Lot	1	M/s.VNT	418 Sector-7, IMT Manesar, Gurgaon, Haryana-122050	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
5	DC Cables	Lot	1	M/s.Siechem	26/27, Errabalu Chetty Street, Parrys, Chennai, Tamil Nadu 600001	India
		Lot	1	M/s.Havells	2D, Sec- 126, Express way, Noida - 201304 UP.	India
		Lot	1	M/s. Ravin Cables	no 3-3 first floor street awarpet 600 018, Alwarpet St, Chennai, Tamil Nadu	India
		Lot	1	M/s. Polycab	5/2, Gopalakrishna Road, T Nagar, T Nagar, Chennai, Tamil Nadu 600017	India
		Lot	1	KEI Cables	D-90, okhla industrial area phase -i, New delhi - 110020,	India
		Lot	1	Apar Cables	Apar House, Corporate Park, Sion Trombay Road, Chembur, Mumbai-400071.	India
		Lot	1	Finolex Cables	No 9, Pioneer Sudarshan Plaza, 3rd Floor, Mohan Kumarmangalam Street, Nungambakkam, Chennai 600034	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	Torrent Cables	Pelican House, Opposite Bank Of Baroda, Pelican 6th Floor, GCCI Compound, Ashram Rd, Ellisbridge, Ahmedabad, Gujarat 380009	India	
	Lot	1	Universal Cables	No. 76/51, Nelson Manickam Rd, Aminjikarai, Chennai, Tamil Nadu 600029	India	
	Lot	1	KEC RPG	RPG House, 463, Dr. Annie Besant Road, Worli, Mumbai - 400 030.	India	
	Lot	1	M/s.Advance Cables	G-1, Sunrise Serenity, No-1, 40th Feet Road, Mr Garden, Gedanahalli, Shwath Nagar, 40 Feet Road, Bengaluru, Karnataka 560094	India	
	Lot	1	M/s Special cable	B-II/12, Mohan Cooperative Industrial Estate, Badarpur, New Delhi- 110044, India	India	
	Lot	1	M/s GEMSCAB Pvt Ltd	113, 1st Floor, Gee Gee Shroff Centre, Poonamalee Height Road, Purasawakkam, Purasawakkam, Chennai, Tamil Nadu 600084	India	
	Lot	1	M/s. Paramount Cables	Paramount House C-125 Naraina Industrial Area Ph - I, New Delhi-110028	India	
6	HT Cables	Lot	1	Finolex Cable	No 9, Pioneer Sudarshan Plaza, 3rd Floor, Mohan Kumarmangalam Street, Nungambakkam, Chennai, 600034	India
		Lot	1	Havells	2D, Sec- 126, Express way, Noida - 201304 UP.	India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	KEC RPG	RPG House, 463, Dr. Annie Besant Road, Worli, Mumbai - 400 030.	India	India
	Lot	1	Special cable	B-II/12, Mohan Cooperative Industrial Estate, Badarpur, New Delhi- 110044, India	India	India
	Lot	1	Polycab	POLY CAB WIRES PVT. LTD. Polycab House, 1st Floor, 771, Pandit Satawalekar Marg, Mahim (W), Mumbai - 400 016 Maharashtra	India	India
	Lot	1	Bhansali Cables	A-38/4, Mayapuri, Phase-i, Mayapuri Industrial Area, Mayapuri Industrial Area, New Delhi, Delhi 110064	India	India
	Lot	1	KEI Cables	D-90, okhla industrial area phase -i, new delhi -110020, India	India	India
	Lot	1	Universal Cables	No. 76/51, Nelson Manickam Rd, Aminjikarai, Chennai, Tamil Nadu 600029	India	India
	Lot	1	Torrent Cables	Pelican House, Opposite Bank Of Baroda, Pelican 6th Floor, GCCI Compound, Ashram Rd, Ellisbridge, Ahmedabad, Gujarat 380009	India	India
	Lot	1	Gupta Power	L - 16 / 2, 2nd Floor,L - B lock, 26th Street, Annanagar East Chennai-600 102	India	India
	Lot	1	Sterlite Technologies Ltd.	IFFCO Tower, Plot No.3, 3rd Floor, Sector 29, Gurgaon, Haryana.	India	India
	Lot	1	RR Kable Ltd	Ram Ratna House, Oasis Complex, P. B. Marg, Worli, Mumbai – 400 013, India.	India	India.





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Power Transmission & Distribution /C

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
7	LT Cables	Lot	1	Ravin Cables	no 3-3 first floor street awarpet 600 018, Alwarpet St, Chennai, Tamil Nadu	India
		Lot	1	Paramount Cables	Paramount House C-125 Naraina Industrial Area Ph - I, New Delhi-110028	India
		Lot	1	Advance Cable Technologies Pvt Ltd	G-1 Sunrise Serenity No:1 ,40 ft Road,M/R Garden,Geddalakallu ,Aswanth agar,Bangalore -560 094	India
		Lot	1	Finolex Cable	Urce Village ,I Aluka Maval ,Dist Pune-410506	India
		Lot	1	Special cable	B-II/12, Mohan Cooperative Industrial Estate, Badarpur, New Delhi- 110044, India	India
		Lot	1	GEMSCAB Pvt Ltd	113, 1st Floor, Gee Gee Shroff Centre, Poonamalee Height Road, Purasawalkkam, Purasawalkkam, Chennai	India
		Lot	1	Havells	Works:- A-461/462, 204A & SP-215, MIA, Alwar - 301 030, Rajasthan.	India
		Lot	1	Paramount	Paramount House, C-125 Naraina Industrial Area Phase-I, New Delhi 110028, India	India
		Lot	1	Cords Cable Industries Limited	94, 1st Floor, Old Ishwar Nagar, Near Shambhu Dayal Bagh, Okhla Industrial Area, Phase-III, New Delhi – 110020	India
		Lot	1	KEC International Ltd	Samlaya-Savli Road, Vill. Godampura, Taluka - Savli, Vadodara (Gujarat) & Plot No.273/41, Demni Road, Silvassa-396191	India
		Lot	1	Polycab wires pvt ltd	E-554 , Greater Kailash-II, New Delhi- 110048	India
		Lot	1	Bhansali Cables and connectors Pvt Ltd	A-384/Mayapuri Phase 1, New Delhi -110064	India
		Lot	1	KEI Industries Ltd	Flat No:10, 1st floor, New No:68(Old No: 141), RAMS Apartment, Eldams road , Teynampet, Chennai-6000018	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	Universal Cables	No. 76/51, Nelson Manickam Rd, Aminjikarai, Chennai, Tamil Nadu 600029		India
	Lot	1	Torrent Cables	Pelican House, Opposite Bank Of Baroda, Pelican 6th Floor, GCCI Compound, Ashram Rd, Ellisbridge, Ahmedabad, Gujarat 380009		India
	Lot	1	Vishal Cables Pvt. Ltd	56, Gr, Flr, Ashoka Shopping centre, Nr.G.T Hospital, L.T, Road., Mumbai		India
	Lot	1	Gupta Power	L - 16 / 2, 2nd Floor,L - B lock, 26th Street, Annanagar East Chennai-600 102		India
	Lot	1	Nicco Cables	4,A, 2, 4th Floor, Hare Street, Pollock Street, Bara Bazar, B D Bagh, Kolkata, West Bengal 700001		India
	Lot	1	Sterlite Technologies Ltd.	IFFCO Tower, Plot No.3, 3rd Floor, Sector 29, Gurgaon, Haryana.		India
	Lot	1	RR Kable Ltd	Ram Ratna House, Oasis Complex, P. B. Marg, Worli, Mumbai – 400 013, India.		India
	Lot	1	Ravin Cables Ltd	GATE NO.227/230 Alandi –Markal Main Road, Markal Village, Taluka-Ked, Dist. Pune-412105		India
	Lot	1	M/s. Paramount Cables	Paramount House C-125 Naraina Industrial Area Ph - I, New Delhi-110028		India
	Lot	1	ABB Ltd	Plot No : 79, Street 17, MIDC Industrial estate, Satpur, Nashik-422 007		India
	Lot	1	Jakson Engineers Ltd	A-43, Phase-II Extn. Opp NSEZ, Noida - 201305		India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	CG Global	3, Dr. MGR Salai, Nungambakkam, Chennai 600 034	India	India
	Lot	1	Eswari Electricals	64, Industrial Estate, Perungudi, Chennai -600096, TN	India	India
	Lot	1	Siemens Ltd	Infrastructure & Cities, SAS RC-IN IC-LMV MS, Kalwa Works, Thane Belapur road, Thane - 400601,Maharashtra	India	India
	Lot	1	Trisquare Switchgear Pvt Ltd	4574/15, Padam Chand Marg, Ansari Road, Daryaganj, Delhi – 110002.	India	India
	Lot	1	Technocraft Switchgear Pvt Ltd	Arihanth commercial complex, bldg.no.-55, thane bhiwandi road, purna, bhiwandi-421302 Mumbai, Maharashtra	India	India
	Lot	1	Megawin Switchgear Pvt Ltd	434,Perumal Malai Adivaram,Alagaapuram Post,Salem-636004, Tamilnadu	India	India
	Lot	1	Swati Switchgear Pvt Ltd	36, Shubhalaxmi Industrial Estate, Opp. Saket Industrial Estate, Sarkhej-Bavla Highway, Vill:- Moraiya, Tal:- Sanand, Ahmedabad - 382210,Gujarat	India	India
	Lot	1	Popular Switchgear Pvt. Ltd	Gat No. 626, NH-3, Gonde-Dumala, Taluka Igatpuri, Dist - Nasik - 422403	India	India
	Lot	1	Pristine Switchgears India Pvt.Ltd	Gate No-1295-1-10,1140,1122,1129 Village-Shirval, Tal-Khandala, Dist-Satara, Pune-412 801.	India	India
	Lot	1	Megawin SwitchGear Pvt. Ltd.	Narasothipatti, Salem, Tamil Nadu 636004	India	India
	Lot	1	Symatic Engineering Pvt. Ltd	Nanubhai Amin Marg, Industrial Area, Plot No. EL – 147, TTC Industrial Area, M.I.D.C. Electronic Zone, Mahape, Navi Mumbai, Maharashtra	India	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
		Lot	1	Lucy Electric	Village Noorpura, Halol Baroda Toll road, Taluka Halol Panchmahal, Gujarat 389350	India
		Lot	1	Schneider Electric Infra structure Limited	Milestone 87, Vadodara Halol Highway, Kotambi – 391510.	India
		Lot	1	Sterling Generators	10th Floor, Universal Majestic Building, P.L. Lokhande Marg, Chembur (West), Mumbai-400043	India
9	LT Switchgear	Lot	1	Indus Controls	No:48B/3,2nd Pahse Peenya ,Bangalore-560058	India
				Pyrotech India		
		Lot	1	Trisquare Switchgear Pvt Ltd	4574/15, Padam Chand Marg, Ansari Road, Daryaganj, Delhi – 110002.	India
		Lot	1	Jakson Engineers Ltd	A-43, Phase-II Extn. Opp NSEZ, Noida - 201 305	India
		Lot	1	Ultima Switchgear	B-3 ,(Basement),DDA Local shopping complex ,Mayur vihar,Pahse 1,opp PKT-1,Delhi-110091	India
		Lot	1	Electro Control System	B-82,Sector-5,Noida-201301(U.P) India	India
		Lot	1	VeeKay Steels	Vee Kay Steels, D - 32, Sector – 6 Noida - 201301 ( U.P. ).	India
		Lot	1	Switchgears (India) Pvt. Ltd.	36, Shubhlaxmi Indl. Estate, Opp.Saket Estate, Sarkhej-Bavla Nh8a, Village:- Moraiya, Taluka:- Sanand, District.: Ahmedabad - 382 210.	India
		Lot	1	Jyoti Ltd Swtichgear	Nanubhai Amin Marg, Industrial Area, P.O. Chemical Industries, Vadodara - 390 003 Gujarat.	India
		Lot	1	Nitya Electro Controls	Nitya Electro Controls C-47, Sector-81 Phase II, Noida-201305,Uttar Pradesh	India





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Power Transmission & Distribution I/C

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	Tech up engineering Pvt.	No.1, Thiru Nagar,NORTH KATTUR, Trichy, 620019.	India	
	Lot	1	United Electric Co. (Delhi) Pvt. Ltd.	Plot No. 25, Sector-18, GURGAON (Haryana).	India	
	Lot	1	Unilec Engineers Limited	Begumpur Khatola Road, behrampur industrial area gurgaon – 122001	India	
	Lot	1	Schneider Electric Infra structure Limited	Milestone 87, Vadodara Halol Highway, Kotambi – 391510	India	
	Lot	1	M/s.Megawin Switchgear	434,Perumal Adivaram,Alagapuram Post,Salem-636004, Tamilnadu	India	
	Lot	1	Jasper Engineers	A-23, Sector-8, Noida-201301, Distt- Gautam Budh Nagar (U.P.) India	India	
	Lot	1	Swati Switchgear	36, Shubhalaxmi Industrial Estate, Opp. Saket Industrial Estate, Sarkhej-Bavla Highway, Vill:- Moraiya, Tal:- Sanand, Ahmedabad - 382210, Gujarat	India	
	Lot	1	Shilchar Tech. Ltd	Bil Road, Bil- 391 410, Dist. Vadodara, India	India	
10	Transformer	Lot	1	Electrotherm	Survey No. 72, Palodia, (Via Thaltej), Ahmedabad, Gujarat-382115,	India
	Lot	1	NUCON SWITCHGEARS PVT. LTD.	Village Malipur, NH 1 Doraha District Ludhiana, Punjab INDIA	India	
	Lot	1	Uttam (Bharat) Electricals Pvt. Ltd	Rd Number 9, Vishwakarma Industrial Area, Jaipur, Rajasthan 302013	India	
	Lot	1	Technical associates	V2C2+RXG, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010	India	





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Power Transmission & Distribution I/C

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1	Transformers and rectifiers	Survey No. 427 P/3-4 & P/1-2, Sarkhej-Bavla Highway, Moraiya, Tal: Sanand, Ahmedabad-382213, Gujarat, INDIA		India
	Lot	1	PETE Hammond Power	Plot No:6A, IDA, PASHAMMAILARAM, PIN 502307		India
	Lot	1	M/s Toshiba	Rudraram Village, Patancheru Mandal, Medak District, Telangana State, INDIA - 502329.		India
	Lot	1	M/S Esennar Transformers Pvt.Ltd	PLOT No-2, Phase -1 , IDA , pashamailaram, Medak (Dist)-502307.		India
	Lot	1	M/S Atlanta Electrical PVT .LTD	ATLANTA ELECTRICALS PVT. LTD. Plot No. 1503-04, Phase IV, G.I.D.C Estate, Vithal Udyognagar – 388121,Dist.: Anand, Gujarat		India
	Lot	1	Telawne Power Equipments Private Limited	Lodhra Supremus – II, A – 129, Rd No. 22. Wagle Estate, MIDC, Thane		India
	Lot	1	AUM TRANSFORMERS LTD.	A 118, Horizon Industrial Park, Por, Vadodara - 391210 www.aumtransformers.com		India
	Lot	1	Ames Impex	Ames Impex Electricals Pvt Ltd, C-1-B/1207, Phase-1V, G.I.D.C., Naroda,Ahmedabad-382330		India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
	Lot	1		Padmavahini Transformers (P) Ltd.	Padmavahini Transformers (P) Ltd. S.F.No. 353/1, Door No.7/140, Ruby Matriculation School Road, Keeranatham, Saravanampatti, Coimbatore - 641 035 Tamilnadu.	India
	Lot	1		Raychem RPG	Gate No. 426 / 2B, Chakan Talegaon Road, Mahalunge Village, Taluka Khed, Dist. Pune - 410 501	India
	Lot	1		Shivshakti Power Device India Pvt. Ltd	S.No. 35/45, Narhe Industrial Estate, Pune - Bangalore Highway, Narhegaon, Maharashtra	India
	Lot	1		T&R Ltd.	Survey No. 427 P/34, & 431 P/1-2, Sarkhei-Bavla Highway, Village: Moraiya, Taluka: Sanand, Gujarat	India
	Lot	1		Prolec GE	Survey No. 153-210, Illupappattu Village Near Rajakulam, Kancheepuram	India
	Lot	1		Bharat Bijlee	No. 2 MIDC Thane-Belapur Road, Airoli Navi Mumbai	India
	Lot	1		M/S Volt Amp	Makarpura, Vadodara, Gujarat, India – 390 014	India
	Lot	1		M/S Kirloskar Company Ltd.	Kirloskar Electric Company Ltd. Mysore	India

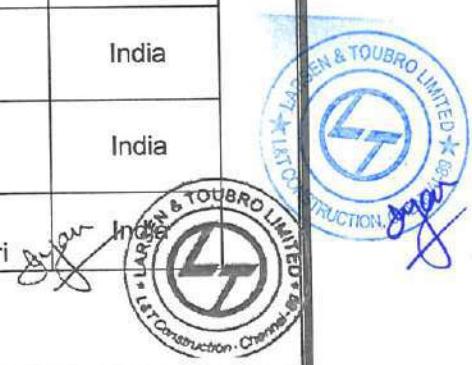




**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality	
11	Battery and Battery Charger	Lot	1	Prime Meiden	287 - 288, Udyog Vihar, Phase - II, Gurgaon	India	
		Lot	1	M/s KRYFS Power Components LTD	3rd Floor, AZA House, 24 Turner Road, Bandra (West), Mumbai-400050	India	
		Lot	1	Schneider	Schneider Electric , Mvi Building Milestone-87, Vadodara Halol Highway, Vill:Kotambi, Po-Jarod,Taluka: Waghodia, Vadodara-391510 Gujarat	India	
		Lot	1	M/s Kanohar Electrical limited	Kanohar Electricals Limited, Rithani, Delhi Road, Meerut-250 103 (U.P.) India	India	
		Lot	1	Dubas Engineering Pvt Ltd	Dubas Engineering Pvt Ltd.,No: 43(P) / Phase-II / Electronic City / Hosur Main Road / Bangalore- 560 100	India	
		Lot	1	Hitachi Hirel Power Electronics Pvt LTd	Hitachi Hi-Rel Power Electronics Pvt. Ltd.(Unit-2), B-14/1-171, Gidc Electronics Zone, Sector-25, Gandhinagar-382 044, Gujarat.	India	
		Lot	1	Numeric	PIPDIC Industrial Estate, Sedarapet,Pondicherry	India	
		Lot	1	Powerone micro Systems (P) Ltd.	GF-3, KSSIDC Building , 5th Cross, 1st Stage , peenya industrial Estate, Banglore- 560 058	India	
		Lot	1	Amaraja	Renigunta - cuddapah Road , Karambadi – 517520, Tirupathi, Andrapradesh, India	India	
		Lot	1	Exide Industries Limited	Survey No.246 Etc, Chichurakanapalli Village,Sevaganapalli Panchayat, Hosur Taluk,Krishnagiri	India	





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ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
					Dist, Tamil Nadu - 635 103	
Lot	1	HBL Power Systems Limited		Hbl Power Systems Ltd, Survey No. 64 To 67, 77 To 81 Nandigaon Village, Kothur Mandal, Pin – 509 223, Mahaboobnagar Dist,A.P.	India	
Lot	1	NED Energy Limited		Sy. Nos. 823 & 827, Medchal (Village & Mandai), Ranga Reddy (Dist).	India	
Lot	1	Amaraja		Renigunta - cuddapah Road , Karambadi – 517520, Tirupathi, AndhraPradesh, India	India	
Lot	1	Chhabbi Electricals Pvt Ltd.		Chhabbi Electricals Private Limited, E-66 , MIDC Area, Ajanta Road, Jalgaon - 425 003 (Maharashtra - India).	India	
Lot	1	HBL Power systems limited		Sy no. Lalgadi Malakpet, Shameerpet Mandal, Ranga Reddy Dist., Hyderabad - 500 078	India	
Lot	1	System Aids		9th Main Road, I Stage, Hennur Banaswadi Layout, Kalyan Nagar Post, Bangalore - 560 043	India	
Lot	1	Universal Industrial Products		27-27A, Block B, Ghatkopar Indu. Estate, Ghatkopar(W), Mumbai-400 086	India	
Lot	1	ABB		PA-CT, Training Center, 1st Floor,Plot No. 5 & 6, Peenya Industrial Area,2nd Stage,Bangalore - 560058, Karnataka	India	
12 SCADA	Lot	1	Honeywell	3rd Floor, Dowlatlath Towers,57, 59, 61 & 63 Taylors Road,Klipauk, Chennai - 600 010	India	





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
Lot	1	Rockwell		A - 66, Sector - 64 ,Noida - 201 301	India	
Lot	1	Armax Automation Private Limited		No.51-54, 2nd Cross, Vinayaka Layout, Chetan Circle, Andhrahalli Main Road, Peenya 2nd Stage,, Bengaluru, Karnataka 560091	India	
Lot	1	Schneider		Schneider Electric , Mvi Building Milestone-87, Vadodara Halol Highway, Vill:Kotambi, Po-Jarod,Taluka: Waghodia, Vadodara-391510, Gujarat	India	
Lot	1	NeoSilica		7Q2A3, Cyber Towers, Madhapur Rd, Patrika Nagar, HITEC City, Hyderabad, Telangana	India	
Lot	1	I-Plon India Pvt.Ltd		5th Street, Mylapore, Chennai, Tamil Nadu, India 600 004.	India	
Lot	1	M/s.Trinity Touch		D-10, Defence Colony, Defence Colony, New Delhi, Delhi 110024	India	
Lot	1	L&T		L&T Construction, TLT Factory kancheepuram	India	
Lot	1	GE Intelligent Platforms		# 43, Velankani Tech Park, Building 9, 1st Floor, Electronics City, Hosur Road, Bangalore – 560100	India	
Lot	1	Emerson		7th Floor, Regus, Logix City Centre, Plot no BW-58, Noida -201301. UP	India	





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
		Lot	1	Siemens	Sigaphi Achi building, 9th floor, 18/3 Rukmani Lakshmi pathi Road Egmore Chennai – 600018	India
13	Floater, anchoring and mooring	Lot	1	CIEL & TERRE	Unit No A, 13 <sup>th</sup> Floor, M2 Madhuvan north Avenue, Manyata Embassy Businesspark Hebbal Karnataka, 560045 India	India
		Lot	1	Floatex Solar Private Limited	113, Prakash Industrial Estate Shahibabad, Ghaziabad UP 201005	India
		Lot	1	Sungrow India (HQ)	301, 3 <sup>rd</sup> Floor JMD pacific square sector-15 (part-II) Gurugram Haryana- 122001	India
		Lot	1	Quant Solar	Technology Incubation Centre, IIT Guwahati, Amingaon, North Guwahati, Guwahati, Assam 781039	India
		Lot	1	SUN FLOATING (XIAMEN) ENERGY CO., LTD	17th Floor, Building F05, Software Park Phase III, Jimei District, Xiamen City, Fujian Province, China, Zip Code:361022	China
		Lot	1	HUSE	Bldg. No.1, Plot No.1/2, Behind Blue Chip Industrial Estate, Village Waliv, Sativali Udyog Nagar, Vasai (East), Palghar District Maharashtra – 401208	India

Note:

1. Above provided list is tentative and subject to change during detailed engineering.





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Sl. No.	Item	Unit	Qty	Supplier	Address	Nationality
14	Static VAR Generator	Lot	1	Taikai Group	Taikai Taishan Industrial Park   No.111 Leigushi East Street Tai'an city, Shandong province, P.R.China	China
		Lot	1	InPhase Power Technologies Private Limited	No 59, Subramanya Temple Road, Near Embassy Public School, Chikka Gollarahatti, Magadi Main Road, Bangalore - 560091	India
		Lot	1	GUANGDONG MINGYANG LONGYUAN POWER ELECTRONICS CO.,LTD	Nanlang Town, Zhongshan City, Guangdong, P.R.China	China
		Lot	1	Hitachi	Hitachi Hi-Rel Power Electronics Pvt. Ltd.(Unit-2), B-14/1-171, Gidc Electronics Zone, Sector-25, Gandhinagar-382 044, Gujarat.	China
		Lot	1	TBEA	TBEA Industrial Park, No. 70 Shanglinyuan 4 Road, Xi'an 710119, China	India



1. Above provided list is tentative and subject to change during detailed engineering.



**L&T Construction**  
Power Transmission & Distribution IC

**Sub- Contractors Details**

ANNEXURE 1 TO ATTACHMENT 5

Sl.No.	Supply/Service	Unit	Quantity	Name, Address & Nationality of Proposed Sub-Contractor/ Sub- Vendor	Nationality
1	Surveying	Lot	1	Chakraborty Constructions , 405 GT Road, Bally, Howrah, WB.	India
2	Civil	Lot	1	B R Builders , Jaipur, Rajasthan	India
3	Security Services	Lot	1	Aayal Kripa Security Services , kalyan sing ki sidd, Bap,RJ	India
4	Labour Colony	Lot	1	Sohan Lal Poonia , Vpo Nagrasar, Kolayat, Bikaner, Rajasthan	India
5	Civil	Lot	1	Vinayaka Mining Infrastructure , Barmer, Rajasthan	India
6	Civil	Lot	1	Navgrah Infrastructure , P.No 531, Dedansar Road, Jaisalmer, RJ	India
7	Civil	Lot	1	Sunrays Infrastructure , 339, Sector-5, Adarsh Nagar, Phalodi, Rajasthan	India





**L&T Construction**  
Power Transmission & Distribution I/C

ANNEXURE 1 TO ATTACHMENT 5

8	Civil	Lot	1	Regional Power Infrastructures , Near Hotel Madhuwan, N.H. – 15, Bikaner Road, Bap, Rajasthan	India
9	Civil	Lot	1	Kadwasara Cargo , C-183, Riico Housing Colony Boranada, Jodhpur Rajasthan	India
10	Civil	Lot	1	Swaraj Construction Company , 823, Nanak Marg Gandhi Colony, Jaisalmer, Rajasthan	India
11	Civil	Lot	1	Meena Gupta , H.No.22, Harijan Basti, Dakshini-1, Sahatwar, Bansdih, Ballia, UP	India
12	Electrical	Lot	1	Mahalaxmi Plaster , 295/1, Khrwa Panchayat Road, Village Bap, Tehsil Phalodi, Dist Jodhpur	India
13	Electrical	Lot	1	Jaishwal Telepower Private Limited, A 2/94 & 95, Mohan Garden, Uttam Nagar, Delhi	India
14	Electrical	Lot	1	Electron Volt Renewables Pvt Ltd , Plot No. 47, P&T Colony, Tirumalagherry, Secunderabad.	India
15	Civil	Lot	1	Sai Enterprises , Plot No. 237, Village Bap, Teh Phalodi, Jodhpur	India

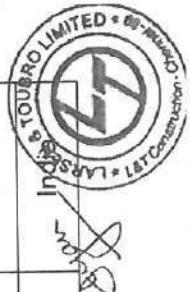




**L&T Construction**  
Power Transmission & Distribution I/C

ANNEXURE 1 TO ATTACHMENT 5

16	Electrical	Lot	1	Aryan Energy Tech, 12, Rudrakshanagar, Kalol Road, AT-Po-Ta-Kadi, Mehsana	India
17	Electrical	Lot	1	Mustafa Construction Company, Office Add: Behind Gurukul School, Near Mangil & Sons, Phalodi, Jodhpur, Rajasthan	India
18	Electrical	Lot	1	Mecpower Infrastructure Private Limited , Jai Narayan Building, Opp Khas Bhag Restaurant, Ratanada, Jodhpur, Rajasthan	India
19	Electrical	Lot	1	Dashmesh Energy Tech , Vpo Smalsar, Main Road Bagha Purana, Moga, Punjab	India
20	Mechanical & Fabrication	Lot	1	Bhim Singh Bhati , B-31-1710, Near Vishkarma Nagar Samrala Chowk, Ludhiana, Punjab	India
21	Civil	Lot	1	Mehak Construction Line Mahavir Nagar, Barmer	India
22	Civil	Lot	1	Sai Constructions ,Baronada, Jodhpur, RJ	India
23	Civil	Lot	1	Sun Reign ,Jaipur, RJ.	India
24	Mechanical	Lot	1	DM Sales ,Pune	India
25	Civil	Lot	1	Meera Enterprises ,Nehru Nagar,Barmer ,Rajasthan	India
26	Civil	Lot	1	Beniwal Construction Company ,A-108 ,Mansarovar Road	India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

				Pal ,Jodhpur, R.J	
27	Mechanical	Lot	1	N.A. Steel Works ,A-283 ,Abul Fazal Enclave ,New Delhi	India
28	Civil	Lot	1	Abhay Construction ,201,Jai narayan Vyas Colony,Jaisalmer	India
29	Electrical	Lot	1	Sarvatra Infrastructure ,SCO-86, Sector 22, Gurgaon	India
30	Civil & Electrical	Lot	1	Sun Reign Energy System ,Sudharsan pura Industrial Area	India
31	Electrical	Lot	1	Mustafa Construction ,Mandwa,Pokran,Jaisalmer, R.J	India
32	Electrical	Lot	1	Aman Engineering ,H-203 ,Sector -I DSIDC Industrial State, Delhi	India
33	Testing & Commissioning	Lot	1	Catalyst Analytical Ambawadi, Jaipur, Rajasthan-302012	India
34	Integrated (Mechanical & Electrical)	Lot	1	Yessv Energy And Infrastructure Pvt Ltd, Door No- 2/2/647/147, Central Excise Colony, Bagh Amberpet, Hyderabad - 500013	India
35	Testing & Commissioning	Lot	1	Voltech , Chennai	India
36	Electrical	Lot	1	Electro Control Systems, B-82,Industrial Area, Vyapar Marg, B Block, Sector 5, Noida, Uttar Pradesh 201301	India
37	Electrical	Lot	1	Increner Projects, C 152, 1st Floor, Lajpat Nagar, New Delhi	India
38	Mechanical	Lot	1	Navagrah Infrastructure, A 1/16 Vijay Enclave Palam Dabbi	India





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ANNEXURE 1 TO ATTACHMENT 5

				Road, Delhi Dwarka – 110075	
39	Civil	Lot	1	Namtel Technologies, C-78 B.D.A Koh-E-Fiza, Bhopal - Mp - 462001	India
40	Civil	Lot	1	Rajson Electronics, S-19, Utility center, II Floor, Opp. Rajiv Gandhi Bhavan, Saharanpur Road, Nashik	India
41	Civil	Lot	1	Harshad V Chauhan, Flat No. A-302, Divayajan Aura, Koba Gandhinagar Highway, Opp. Cityplus, B/h, Radhe Complex, Near, Navkaar Bunglows, Kudasan Road, Gandhinagar	India
42	Civil	Lot	1	Meera Enterprises, Nehru Nagar, Barmer Rajasthan - 344001	India
43	Civil	Lot	1	Bright Enterpriz, 2, Panch Dhara, Bunglows, Bopal Guma Road, Ahmedabad, (Guj)	India
44	Civil	Lot	1	Aaradhya Infra, 141, Roopnagar, jodhpur, RJ	India
45	Civil	Lot	1	Adit Enterprises, A-39, Bajaj Nagar Jaipur, Rajasthan	India
46	DC	Lot	1	Shivalik Construction & Suppliers, 105 transpot Nagar, Basni II Phase, Jodhpur, Rajasthan	India
47	DC	Lot	1	Goodluck Enterprises, Saral Kunj, Loni, Ghaziabad	India
48	DC	Lot	1	Euro Solar System, 835/P3, Opp. Ruby Coach, Nr. Premiere Synthetic, Rakkanpur, Kalol Dist. Gandhinagar- 382721	India
49	DC	Lot	1	Geeta Solar System, 273, Gomati Villa, MP Nagar, Bhopal	India





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50	DC	Lot	1	Sunenergy Infra, 2707 A, Gali No. 13, Opp. Metro Pillar no. 208, Ranjit Nagar, New Delhi-110008	India
51	DC	Lot	1	Shivalik Construction & Suppliers, 105 transpot Nagar, Basni II Phase, Jodhpur, Rajasthan	India
52	DC	Lot	1	K K Infrastructure, B12 Rudrakshnagar Society, Opp. Reliance Petrol pump, Kalol road, Kadi-382715, Dist. Mehsana, Gujarat	India
53	DC	Lot	1	Future Solar, House no. 242, sector-7, Virk Nagar, Asandh road	India
54	DC	Lot	1	Raichura Infrastructure, New Plot main Bajaruna road,Talala Junaghar, Gujarat	India
55	Civil	Lot	1	Govindram Rathi, Mahesh Nagar, Railway Phatak, Daloda, Mandsor Dist. (M.P)- 458667	India
56	Civil	Lot	1	Surya Infrastructure, P. No. 37, Adarsh Vihar-B Govindpura Jhotwara Jaipur, rajasthan	India
57	Civil	Lot	1	Basant Sharma, BasantKumarsharma Ramchodal sharma - Digauwadi Dist Mandsaur-458895	India
58	Civil	Lot	1	Love Chaudhary, Chaudhary niwas new colony, Bundi raj, Bundi, Rajasthan	India
59	Civil	Lot	1	Kalyani Corporation, b-76, Shesh Narayan Society, Vadodara.	India
60	Electrical	Lot	1	Unique Surveillance System pvt. Ltd., 701/ JB Tower,Opp Nutanpuri	India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

			Doordarshan Tower, Drive in road, Ahmedabad	
61	Electrical	Lot	1 Sarvatra Infrastructure , SCO 86 A(first floor), Sector 22, Gurgaon, Haryana	India
62	Civil	Lot	1 Jogendra Singh Shekhawat, Plot NO.294 Shivaji Chowk VPO. URSE Tehsil Maval, Dist. Pune, Urse, Maharashtra	India
63	Mechanical	Lot	1 NA steel Works, F2,83, Abul Fazal Inclave, part-2, Shahimbagh, New Delhi-25, Delhi	India
64	Electrical	Lot	1 HBL Power System Ltd., NO.-8-2-601, road No. 10, Banjara Hills hyderabad, Andhra Pradesh	India
65	General	Lot	1 Mohammed Sariph, Pokaran, Rajasthan	India
66	General	Lot	1 Bhuru Khan, Vill: Laduna, Taluka: Sitamaru, Dist: Mandsaur, MP	India
67	Electrical	Lot	1 Jeff Techno solutions pvt. Ltd., 6011, sixth floor, Emerald House, SD road, Secunderabad, Andhra Pradesh	India
68	Electrical	Lot	1 Voltech Engineers Pvt. Ltd., 2/429, Mount Poonamallee Road, Ayyappanthangal	India
69	Electrical	Lot	1 Gehlot Electrical, 931 Gandhi Nagar Pali, Rajasthan, India	India
70	Mechanical	Lot	1 Pithampur Crane Service, 278, Ramratan Patel colony, mhow nemuch road, Pithampur, MP	India
71	Mechanical	Lot	1 Aimil Ltd, Naimex house, A-8 Mohan Co-operative Industrial estate	India
72	General	Lot	1 Farukh Quereshi, Vill Athna, Post Athna, Taluka Jawad,	India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

			Neermuch, MP	
73	General	Lot	1	Shyam Lal Choudhary, Ward No. 4 , rajiv colony, nearby Railway fatak, Manjiti road, mandsaur,MP India
74	Electrical	Lot	1	Apex Logistics, II Floor KP house , Pandit nehru Marg, opp to Dhanvantri Ground, Jamnagar, Gujarat India
75	Surveying	Lot	1	A&B Survey Conserrn, Kolkata, West Bengal India
76	Surveying	Lot	1	C & C CONSULTING FIRM, Kolkata, West Bengal India
77	Surveying	Lot	1	Maps Geo Systems, Agra, Uttar Pradesh India
78	Surveying	Lot	1	Geo Info Media, Chennai, Tamil Nadu India
79	Surveying	Lot	1	Gradient Engineers Private Limited, Chennai, Tamil Nadu India
80	Surveying	Lot	1	Velciti Consulting Engineers Pbt Ltd, Chennai, Tamil Nadu India
81	Surveying	Lot	1	Yukta Energy Solutions, Kalasiguda, Secunderabad, Telangana India
82	Surveying	Lot	1	Chakraborty Construction, Ghowrah, West Bengal India
83	Surveying	Lot	1	Citrus Infrastructure Pvt Ltd, Coimbatore, Tamil Nadu India
84	Civil	Lot	1	Sai Construction Company, Jodhpur, Rajasthan India
85	Civil	Lot	1	Gradient Engineers Private Limited, Chennai, Tamil Nadu India
86	Civil	Lot	1	Velciti Consulting Engineers Pbt Ltd, Chennai, Tamil Nadu India
87	Civil	Lot	1	Dewasi Construction Company, Jodhpur, Rajasthan India





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Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

88	Civil	Lot	1	Aaradhyा Infra, Jodhpur,Rajasthan	India
89	Civil	Lot	1	Euro Solar Systems, Gandhinagar, Gujarat	India
90	Civil	Lot	1	Flashsat Systems, Chennai, Tamil Nadu	India
91	Civil	Lot	1	Geeta Solar Power System, Bhopal,Madhyapradesh	India
92	Civil	Lot	1	Kadwasar Cargo, Jodhpur,Rajasthan	India
93	Civil	Lot	1	Ravij Company, Jaisalmer Rajasthan	India
94	Civil	Lot	1	SG Conctruction, Jodhpur,Rajasthan	India
95	Civil	Lot	1	Shivalik Construction and Suppliers, Jodhpur,Rajasthan	India
96	Civil	Lot	1	SLNS Earth Movers, Chitradurga, Karnataka	India
97	Civil	Lot	1	Spiroflex Cables Pvt Ltd, Jodhpur,Rajasthan	India
98	Civil	Lot	1	Sunreign Energy Systems Pvt Ltd, Jaipur,Rajasthan	India
99	Civil	Lot	1	Meera Enterprises, Barmer, Rajasthan	India
100	Civil	Lot	1	Prthein Infrastructures, Coimbatore, Tamil Nadu	India
101	Civil	Lot	1	Omprakash, Jodhpur,Rajasthan	India
102	Civil	Lot	1	Hunuman Beniwl Group, Barmer, Rajasthan	India
103	Civil	Lot	1	Neutral Electricals, Barmer, Rajasthan	India
104	Civil	Lot	1	Shree Dayalu Enterprises, Chennai, Tamil Nadu	India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

105	Civil	Lot	1	Murugan Civil Contractor, Dindigul, Tamil Nadu	India
106	Civil	Lot	1	Hindustan Construction Company, Meerut, Uttar Pradesh	India
107	Civil	Lot	1	Vinayak Traders, Barmer, Rajasthan	India
108	Civil	Lot	1	Citrus Infrastructure Pvt Ltd, Coimbatore, Tamil Nadu	India
109	Civil	Lot	1	Navagrah Infrastructure, Jaisalmer, Rajasthan	India
110	Civil	Lot	1	Harshad Bhai V Chauhan, Gandhinagar, Gujarat	India
111	Civil	Lot	1	Bright Energy , Gandhinagar, Gujarat	India
112	Civil	Lot	1	Abhay Transportation and Construction Company, Jaisalmer,Rajasthan	India
113	Civil	Lot	1	Deccaan Engineers (India), Bangalore, Karnataka	India
114	Civil	Lot	1	AKASH INFRA TECH, Trichy, Tamil Nadu	India
115	Civil	Lot	1	LAKSHMI BHAVANI CONSTRUCTIONS, Secunderabad, Telangana	India
116	Civil	Lot	1	MKR INFRA , Mandy, Karnataka	India
117	Fabrication/ Mechanical	Lot	1	Sai Construction Company, Jodhpur,Rajasthan	India
118	Fabrication/ Mechanical	Lot	1	Vedhansh Plant and Engineering Services, Vododara, Gujarat	India
119	Fabrication/	Lot	1	DASHMESH ENERGY TECH, Moga,Punjab	India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

Mechanical	Fabrication/ Mechanical	Lot	1	Euro Solar Systems, Gandhinagar, Gujarat	India
120	Fabrication/ Mechanical	Lot	1	Future Solar, Panipat, Haryana	India
121	Fabrication/ Mechanical	Lot	1	Ravij Company, Jaisalmer, Rajasthan	India
122	Fabrication/ Mechanical	Lot	1	Neutral Electricals, Barmer, Rajasthan	India
123	Fabrication/ Mechanical	Lot	1	Hindustan Contruction Company, Meerut, Uttar Pradesh	India
124	Fabrication/ Mechanical	Lot	1	Someshwar Fabricators, Patna, Bihar	India
125	Fabrication/ Mechanical	Lot	1	Sai Construction Company, Jodhpur, Rajasthan	India
126	Pilling	Lot	1	Euro Solar Systems, Gandhinagar, Gujarat	India
127	Pilling	Lot	1	Flashsat Systems, Chennai, Tamil Nadu	India
128	Pilling	Lot	1	Goodluck Enterprises, Chennai, Tamil Nadu	India
129	Pilling	Lot	1	Kadwasar Cargo, Jodhpur, Rajasthan	India
130	Pilling	Lot	1	Ravij Company, Jaisalmer, Rajasthan	India
131	Pilling	Lot	1	SG Conctruction, Jodhpur, Rajasthan	India
132	Pilling	Lot	1	Larsen & Toubro Limited Solar Energy Solutions Division Jodhpur, Rajasthan, India	India





**L&T Construction**  
Power Transmission & Distribution IC

ANNEXURE 1 TO ATTACHMENT 5

133	Pilling	Lot	1	Shivalik Construction and Suppliers, Jodhpur,Rajasthan	India
134	Pilling	Lot	1	SLNS Earth Movers, Chitradurga, Karnataka	India
135	Pilling	Lot	1	Sarvatra Infrastructure Pvt Ltd, Gurgoan, Haryana	India
136	Pilling	Lot	1	Spiroflex Cables Pvt Ltd, Jodhpur,Rajasthan	India
137	Pilling	Lot	1	Sunreign Energy Systems Pvt Ltd, Jaipur,Rajasthan	India
138	Pilling	Lot	1	Meera Enterprises, Barmer,Rajasthan	India
139	Pilling	Lot	1	Prthein Infrastructures, Coimbatore, Tamil Nadu	India
140	Pilling	Lot	1	Omprakash, Jodhpur,Rajasthan	India
141	Pilling	Lot	1	Neutral Electricals, Barmer,Rajasthan	India
142	Pilling	Lot	1	Shree Dayalu Enterprises, Chennai, Tamil Nadu	India
143	Pilling	Lot	1	Hindustan Construction Company, Meerut,Uttar Pradesh	India
144	Pilling	Lot	1	Vinayak Traders, Barmer,Rajasthan	India
145	Pilling	Lot	1	Citrus Infrastructure Pvt Ltd, Coimbatore, Tamil Nadu	India
146	Pilling	Lot	1	Navagrah Infrastructure, Jaisalmer,Rajasthan	India
147	Pilling	Lot	1	Harshad Bhai V Chauhan, Gandhinagar, Gujarat	India
148	Civil & Electrical	Lot	1	Udayan Group, Bagbera, Jamshedpur, Jharkhand	India
149	Civil & Electrical	Lot	1	UNIVERSAL POWER INFRATECH LLP	India





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ANNEXURE 1 TO ATTACHMENT 5

				Jaisalmer,Rajasthan	
150	DC	Lot	1	Greenpill Renewable Energy, Gandhidham, Gujarat	India
151	DC	Lot	1	Dewasi Construction Company, Jodhpur, Rajasthan	India
152	DC	Lot	1	Aaradhy Infra, Jodhpur, Rajasthan	India
153	DC	Lot	1	Aman Engineering Associates, Delhi	India
154	DC	Lot	1	Aryan Energy Tech, Delhi	India
155	DC	Lot	1	DASHMESH ENERGY TECH, Moga,Punjab	India
156	DC	Lot	1	Euro Solar Systems, Gandhinagar, Gujarat	India
157	DC	Lot	1	Flashsat Systems, Chennai, Tamil Nadu	India
158	DC	Lot	1	Future Solar, Panipat, Haryana	India
159	DC	Lot	1	Geeta Solar Power System, Bhopal,MadhyaPradesh	India
160	DC	Lot	1	Goodluck Enterprises, Delhi	India
161	DC	Lot	1	SG Conctruction, Jodhpur,Rajasthan	India
162	DC	Lot	1	Shivalik Construction and Suppliers, Jodhpur,Rajasthan	India
163	DC	Lot	1	Sarvatra Infrastructure Pvt Ltd, Gurgaon, Haryana	India
164	DC	Lot	1	Spiroflex Cables Pvt Ltd, Jodhpur,Rajasthan	India
165	DC	Lot	1	Sunreign Energy Systems Pvt Ltd, Jaipur,Rajasthan	India



ANNEXURE 1 TO ATTACHMENT 5

166	DC	Lot	1	Amperes Energy Solutions, Jaipur, Rajasthan	India
167	DC	Lot	1	Raishura Infrastructure, Talala, Gujarat	India
168	DC	Lot	1	Vatio Energy India Pvt Ltd, Chennai, Tamil Nadu	India
169	DC	Lot	1	Neutral Electricals, Barmer, Rajasthan	India
170	DC	Lot	1	Hindustan Construction Company, Meerut, Uttar Pradesh	India
171	DC	Lot	1	Vinayak Traders, Barmer, Rajasthan	India
172	O&M	Lot	1	Vadim Infrastructure Pvt Ltd, Chennai, Tamil Nadu	India
173	O&M	Lot	1	Aryan Energy Tech, Chennai, Tamil Nadu	India
174	O&M	Lot	1	Future Solar, Panipat, Haryana	India
175	AC	Lot	1	Powertech Construction Pvt Ltd, Chennai, Tamil Nadu	India
176	AC	Lot	1	Vadim Infrastructure Pvt Ltd, Chennai, Tamil Nadu	India
177	AC	Lot	1	ANGEL ELECTRICALS, Kutch, Gujarat	India
178	AC	Lot	1	DASHMESH ENERGY TECH, Moga, Punjab	India
179	AC	Lot	1	Euro Solar Systems, Gandhinagar, Gujarat	India
180	AC	Lot	1	Flashsat Systems, Chennai, Tamil Nadu	India
181	AC	Lot	1	Future Solar, Panipat, Haryana	India
182	AC	Lot	1	Sarvatra Infrastructure Pvt Ltd, Gurgaon, Haryana	India





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183	AC	Lot	1	Sunreign Energy Systems Pvt Ltd, Jaipur, Rajasthan	India
184	AC	Lot	1	Amperes Energy Solutions, Jaipur, Rajasthan	India
185	AC	Lot	1	Raishura Infrastructure, Talala, Gujarat	India
186	AC	Lot	1	Vatio Energy India Pvt Ltd, Chennai, Tamil Nadu	India
187	AC	Lot	1	Neutral Electricals, Barmer, Rajasthan	India
188	AC	Lot	1	Vinayak Traders, Barmer, Rajasthan	India
189	anchoring and mooring	Lot	1	CIEL & TERRE Unit No A, 13 <sup>th</sup> Floor, M2 Madhuvan north Avenue, Manyata Embassy Businesspark Hebbal Karnataka, 560045 India	India
		Lot	1	Floatex Solar Private Limited 113, Prakash Industrial Estate Shahibabad, Ghaziabad UP 201005	India
		Lot	1	Sungrow India (HQ) 301, 3 <sup>rd</sup> Floor JMD pacific square sector-15 (part-II) Gurugram Haryana- 122001	India
		Lot	1	Quant Solar Technology Incubation Centre, IIT Guwahati, Amingaon, North Guwahati, Assam 781039	India
		Lot	1	SUN FLOATING (XIAMEN) ENERGY CO., LTD 17th Floor, Building F05, Software Park Phase III, Jimei District, Xiamen City, Fujian Province, China, Zip Code:361022	China
		Lot	1	HUSE Bldg. No.1,Plot No.1/2, Behind Blue Chip Industrial Estate, Village Waliv, Sativali Udyog Nagar, Vasai (East), Palghar District Maharashtra – 401208	India

Note : Above provided list is tentative and subject to change during detailed engineering.

