

**RAJASTHAN RENEWABLE ENERGY CORPORATION LIMITED**

(A Government of Rajasthan Undertaking)

**E-166, Yudhisthir Marg, C-Scheme, Jaipur**

CIN No. U40101RJ1995SGC009847

Tel: 0141-2225859, 2229341, 2223966 &amp; 2223965 Fax: 0141-2226028

Email: [rrec.rooftop@gmail.com](mailto:rrec.rooftop@gmail.com)Website - - [energy.rajasthan.gov.in/rrecl](http://energy.rajasthan.gov.in/rrecl)No:RREC/SPV RT Prg./18MW/ 2017-18/D **738**Dated : **24/05/18****Rate Contract Order**

|              |                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------|
| <b>Sub :</b> | <b>Rate Contract for SPV Roof Top Programme in Rajasthan.</b>                                            |
| <b>Ref :</b> | (i)NIT No. RREC/SPV Roof Top Prg./2017-18 Dated 13.10.2017 (Tender ID No. 2017 RRECL 79886 1)            |
|              | (ii)Technical Bid opened on dated: 18.01.2018.                                                           |
|              | (iii)Price bid opened on dated: 05.04.2018.                                                              |
|              | (iv)RREC Letter No: 174 Dated:11.04.2018 regarding acceptance of L-1 offer.                              |
|              | (v) Consents received from Eligible firms to take up work accepting L-1 offer.                           |
|              | (vi) Letter of Allocation issued vide letter No. RREC/ SPV RT Prg./18MW/ 2017-18/D 449 dated 02.05.2018. |

On the subject and references above, RREC hereby issue Rate Contract for the work of design, supply, installation, testing, commissioning and free comprehensive maintenance for 5 years of grid connected SPV power plants under "Roof Top Solar Power Generation Scheme 2017-18" (for 18 MW PV Capacity) in Rajasthan in favour of following firms on the prices and other terms and conditions as detailed here under as these firms have deposited the required Security Deposit:

**1. LIST OF EMPANELLED FIRMS:**

| S.No.     | Name and address of Firm:                                                                                                 | Email -ID                      | Telephone  |
|-----------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| <b>A.</b> | <b>Established Suppliers</b>                                                                                              |                                |            |
| 1.        | Rays Power Experts Pvt. Ltd.,<br>4th Floor Sheel Mohar Plaza,<br>Yudhishtir Marg, C- Scheme,<br>Near Yojna Bhawan, Jaipur | tender@raysexperts.com         | 8930234420 |
| 2.        | Ujaas Energy Limited<br>Survey No 211-1 Opp. Sector C<br>And Metalmansanwer Road<br>Industrial Area, Indore               | sourabh.sharma@ujaas.com       | 7694005415 |
| 3.        | Green First Power Ventures Pvt.<br>Ltd. 29, Shiv Marg, Hawa Sadak,<br>Civil Lines Jaipur                                  | raghu_kaushik10@rediffmail.com | 9887844444 |
| 4.        | Mundra Solar PV Limited<br>Adani House, Nr. Mithakhali Six<br>Roads, Navrangpura, Ahmedabad<br>380009 (Gujarat)           | saurabh.mathur@adani.com       | 7291909589 |
| 5.        | Illusions4real,<br>D-104/2, Meera Marg, Bani Park,<br>Jaipur                                                              | info@solarmaxx.co.in           | 9950705044 |

| <b>B. New Small/Local Entrepreneurs</b> |                                                                                                                                                      |                              |            |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------|
| 6.                                      | Balaarka<br>186-A Behind Sancheti Hospital,<br>Baldev Nagar, Jodhpur                                                                                 | info@balaarkaencon.com       | 8447224606 |
| 7.                                      | Ohms Energy Pvt Ltd<br>Office No 713, Summit Business<br>Bay, Behind Gurunanak Petrol<br>Pump Off Andheri-Kurla Road,<br>Andheri (East), Mumbai      | jotiba.jadhav@ohmsenergy.com | 9870111410 |
| 8.                                      | Solar Quest LLP<br>Shop No. 1, Ground Floor, No.1,<br>Palliappan Street, Sowcarpet,<br>Chennai – 79                                                  | info@solarquest.in           | 9566546608 |
| 9.                                      | Sunalpha Energy Pvt Ltd<br>803, Akshatnilay, Hawa Sadak,<br>Jaipur – 302006                                                                          | raghav@sunalphaenergy.com    | 9930006246 |
| 10.                                     | VRG Energy India Pvt Ltd<br>Plot No. G-2119, Near Galaxy<br>Stamping, Kadwani Forge Road,<br>Kishan Gate No. 3, Metoda,<br>GIDC, Dist. Rajkot 360021 | info@vrgenergy.com           | 7227047471 |
| 11.                                     | Sologics India LLP<br>Jharkhand Apartment, Plot No 20,<br>Bhura Patel Nagar B, Near DCM,<br>Ajmer Road, Jaipur                                       | rajeshmaloo29@gmail.com      | 9001899170 |
| 12.                                     | Fidus Energy System<br>C129 HKM Nagar Alwar                                                                                                          | fidusenergy@gmail.com        | 8860201196 |
| 13.                                     | RS Power Systems Pvt. Ltd.<br>A42, Jai Ambey Nagar, Tonk<br>Road, Jaipur-302018                                                                      | rajeev@rspowerindia.com      | 9414047079 |
| 14.                                     | Firstgreen Consulting Pvt. Ltd.<br>C-49, Shyam Nagar, New Delhi-<br>110051                                                                           | sanjay@firstgreen.co         | 9899295854 |
| 15.                                     | Sol Power Enterprises<br>Shop No-45, First Floor,<br>Homeland City, Sri Ganganagar                                                                   | mehtadharmu24@gmail.com      | 8766088822 |
| 16.                                     | Vincent Solar Energy<br>W-8, Park Street, MI Road,<br>Jaipur-302001                                                                                  | energy.vincent@gmail.com     | 9928035568 |
| 17.                                     | Primus Energy Solutions Pvt Ltd<br>Spaze I-Tech Park, 436 AB,<br>Tower B3, Sector 49, Sohna<br>Road, Gurgaon, Haryana 122018                         | info@primusservices.co.in    | 9899125125 |
| 18.                                     | Sunrays EPC Energies Pvt. Ltd.<br>B-502, Unique Towers, NRI<br>Colony, Pratap Nagar, Jaipur                                                          | sunraysenergies@gmail.com    | 9829558410 |

|     |                                                                                                              |                                |            |
|-----|--------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| 19. | K Energy<br>Haider Building Outside Sojati<br>Gate, Jodhpur                                                  | info@kenergy.co.in             | 9829022899 |
| C.  | <b>Start-up Firms</b>                                                                                        |                                |            |
| 20. | Leelmax Power Solution (Opc)<br>Pvt. Ltd.<br>23, Neer Sagar-B, Bhankrota,<br>Jaipur                          | leelmax2016@gmail.com          | 9784617734 |
| 21. | NDJ Solar Power Pvt. Ltd.<br>21-22 Vikas Colony Near Jindal<br>Resort                                        | info@ndjsolar.com              | 9829255292 |
| 22. | Skymech Engineers Pvt. Ltd.,<br>28-29 Prem Vihar A-Block,<br>Goner Road, Looniyawas, Jaipur                  | rksharma@skymechindia.com      | 9694066771 |
| 23. | Power Solar<br>17-E-54, Near Meera Park,<br>Choupasani Housing Board,<br>Jodhpur                             | powersolar2030@gmail.com       | 7597366922 |
| 24. | DSR International<br>4/90, Sector-4, Vidhyadhar<br>Nagar, Jaipur                                             | dsrinternational2018@gmail.com | 8875753555 |
| 25. | Shree Vaankal Energy Solution<br>F118, Mayank Trade Centre,<br>Station Road, Jaipur                          | shreesprinklers@aol.com        | 9828485333 |
| 26. | Kadam Electricals And Energy<br>Power<br>A House Opp. ITI, Shastri Nagar<br>Nagaur 341001.                   | kadamelectrical3@gmail.com     | 9799304848 |
| 27. | Shakti Enterprises<br>96, Tirupati Vihar, Manyawas,<br>Jaipur                                                | shaktienterprisesjpr@gmail.com | 9314115171 |
| 28. | Solar Solution Company<br>302, Shubham Complex,<br>Shukhadia Circle, Udaipur                                 | solarsolutioncompany@gmail.com | 9414157799 |
| 29. | Nzeru Solutions Pvt. Ltd.<br>301 Mohan Nagar, D-Block,<br>Marutikunj Road Nayagaon                           | pravesh.mittal@nzeru.in        | 8437164395 |
| 30. | Amrit Agro<br>Ward No18 Sardarshahar<br>Dheerwas Bara Churu                                                  | skpachar.pachar@gmail.com      | 9414819480 |
| 31. | Sanshari Solar<br>Office No-404 Okeypluse Spaces<br>Malviya Nagar Industrial Area<br>Near Apex Circle Jaipur | sanshri.solar@outlook.com      | 9782530744 |
| 32. | Bhardwaj Sun Energy<br>Hotel Shikarbadi Road,<br>Goverdhan Vilas, Udaipur -<br>313002                        | bhardwajsunenergy@gmail.com    | 9762209817 |







|     |                                                                                                                                    |                                      |            |
|-----|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|
| 33. | Mahiya Akshay Ujala Pvt. Ltd.<br>Village-Aadhsar, Teh. Shri<br>Dungargarh, Bikaner                                                 | info@akshayujala.com                 | 8764297313 |
| 34. | Shubham Solar Solution<br>50/102 Pratap Nagar, Sanganer,<br>Jaipur                                                                 | satishbaswal76@gmail.com             | 9461619801 |
| 35. | Saharan Solar Solutions<br>S.No.3, Jat Dharamshala, Sector<br>No.9, Kacheri Road,<br>Hanumangarh Junction,<br>Hanumangarh District | saharansolarsolutions@gmail.com      | 9351750521 |
| 36. | SL Energies Pvt Ltd<br>301-A, Varadhman Nagar Ajmer<br>Road                                                                        | bsswami33@gmail.com                  | 9928700590 |
| 37. | Comgen Info System Pvt. Ltd.<br>99 Moti Nagar West Queens<br>Road Jaipur                                                           | mywork.lamba@gmail.com               | 9799900900 |
| 38. | Powerxp Consultants Pvt. Ltd.<br>16 Sadul Colony, Near Marwar<br>Hospital, Bikaner                                                 | amanverma@powerxpconsultants.<br>com | 7726884770 |
| 39. | IRA Power Pvt. Ltd.<br>145-B, Sanjay Nagar, Kalwar<br>Road, Jhotwara, Jaipur                                                       | miqureshi1987@gmail.com              | 9166765999 |
| 40. | Surgetic Solar Pvt Ltd<br>C-12 Panchvati Nagar, Kunhari,<br>Kota                                                                   | poonia.ravi04@gmail.com              | 9694714479 |

## 2. PRICES:

The prices for different PV Capacity Power Plants for design, supply, installation, testing commissioning with Five Years free Comprehensive maintenance including all taxes/duties etc will be as under:

| S. No. | Roof Top SPV System (without Battery Bank) with 5 Years free CMC of following capacities : | Price (In Rs/ Wp.) |
|--------|--------------------------------------------------------------------------------------------|--------------------|
| 1      | Above 1 kW and upto 10 kW                                                                  | 53.65              |
| 2      | Above 10 kW and upto 50 kW                                                                 | 49.25              |
| 3      | Above 50 kW and upto 500 kW                                                                | 46.80              |

The above project cost shall remain 'FIRM' and fixed in all respect till completion of work and no price variation/ adjustment shall be payable to the vendor.

## 3. DETAILS OF PV POWER PLANTS ALLOWED WITH ALLOCATION FOR SUPPLY & INSTALLATION:

As per offers of the firms in the tender, the details of categories/slabs allowed to firms to take up work under this programme are as under :

| S. NO. | Name of Firm:                                                                                                                                        | Allocated Capacity (kWp) | Roof Top SPV Systems (without Battery Bank) |                            |                             |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------|----------------------------|-----------------------------|
|        |                                                                                                                                                      |                          | Above 1 kW and upto 10 kW                   | Above 10 kW and upto 50 kW | Above 50 kW and upto 500 kW |
| A.     | Established Suppliers                                                                                                                                |                          |                                             |                            |                             |
| 1.     | Rays Power Experts Pvt. Ltd.,<br>4th Floor Sheel Mohar Plaza,<br>Yudhishtir Marg, C- Scheme, Near<br>Yojna Bhawan, Jaipur                            | 1000                     | Allowed                                     | Allowed                    | Allowed                     |
| 2      | Ujaas Energy Limited<br>Survey No 211-1 Opp. Sector C And<br>Metalmansanwer Road Industrial<br>Area, Indore                                          | 1000                     | Allowed                                     | Allowed                    | Allowed                     |
| 3      | Green First Power Ventures Pvt.<br>Ltd. 29, Shiv Marg, Hawa Sadak,<br>Civil Lines Jaipur                                                             | 1000                     | Allowed                                     | Allowed                    | Allowed                     |
| 4      | Mundra Solar PV Limited<br>Adani House, Nr. Mithakhali Six<br>Roads, Navrangpura, Ahmedabad<br>380009 (Gujarat)                                      | 1000                     | Not Allowed                                 | Not Allowed                | Allowed                     |
| 5      | Illusions4real,<br>D-104/2, Meera Marg, Bani Park,<br>Jaipur                                                                                         | 1000                     | Allowed                                     | Allowed                    | Allowed                     |
| B.     | New Small/Local Entrepreneurs                                                                                                                        |                          |                                             |                            |                             |
| 6      | Balaarka<br>186-A Behind Sancheti Hospital,<br>Baldev Nagar, Jodhpur                                                                                 | 500                      | Allowed                                     | Allowed                    | Allowed                     |
| 7      | Ohms Energy Pvt Ltd<br>Office No 713, Summit Business<br>Bay, Behind Gurunanak Petrol<br>Pump Off Andheri-Kurla Road,<br>Andheri (East), Mumbai      | 500                      | Allowed                                     | Allowed                    | Allowed                     |
| 8      | Solar Quest LLP<br>Shop No. 1, Ground Floor, No.1,<br>Palliappan Street, Sowcarpet,<br>Chennai – 79                                                  | 500                      | Allowed                                     | Allowed                    | Not Allowed                 |
| 9      | Sunalpha Energy Pvt Ltd<br>803, Akshatnilay, Hawa Sadak,<br>Jaipur – 302006                                                                          | 500                      | Allowed                                     | Allowed                    | Allowed                     |
| 10     | VRG Energy India Pvt Ltd<br>Plot No. G-2119, Near Galaxy<br>Stamping, Kadwani Forge Road,<br>Kishan Gate No. 3, Metoda, GIDC,<br>Dist. Rajkot 360021 | 500                      | Allowed                                     | Allowed                    | Not Allowed                 |

|                          |                                                                                                                              |     |                    |                    |                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------|-----|--------------------|--------------------|--------------------|
| 11                       | Sologics India LLP<br>Jharkhand Apartment, Plot No 20,<br>Bhura Patel Nagar B, Near DCM,<br>Ajmer Road, Jaipur               | 500 | Allowed            | Allowed            | Allowed            |
| 12                       | Fidus Energy System<br>C129 HKM Nagar Alwar                                                                                  | 500 | <b>Not Allowed</b> | Allowed            | <b>Not Allowed</b> |
| 13                       | RS Power Systems Pvt. Ltd.<br>A42, Jai Ambey Nagar, Tonk Road,<br>Jaipur-302018                                              | 500 | <b>Not Allowed</b> | Allowed            | <b>Not Allowed</b> |
| 14                       | Firstgreen Consulting Pvt. Ltd.<br>C-49, Shyam Nagar, New Delhi-<br>110051                                                   | 500 | Allowed            | Allowed            | Allowed            |
| 15                       | Sol Power Enterprises<br>Shop No-45, First Floor, Homeland<br>City, Sri Ganganagar                                           | 500 | Allowed            | Allowed            | <b>Not Allowed</b> |
| 16                       | Vincent Solar Energy<br>W-8, Park Street, MI Road, Jaipur-<br>302001                                                         | 500 | Allowed            | Allowed            | Allowed            |
| 17                       | Primus Energy Solutions Pvt Ltd<br>Spaze I-Tech Park, 436 AB, Tower<br>B3, Sector 49, Sohna Road,<br>Gurgaon, Haryana 122018 | 500 | Allowed            | Allowed            | Allowed            |
| 18                       | Sunrays EPC Energies Pvt. Ltd.<br>B-502, Unique Towers, NRI<br>Colony, Pratap Nagar, Jaipur                                  | 500 | <b>Not Allowed</b> | Allowed            | Allowed            |
| 19                       | K Energy -<br>Haider Building Outside Sojati Gate,<br>Jodhpur                                                                | 500 | Allowed            | Allowed            | Allowed            |
| <b>C. Start-up Firms</b> |                                                                                                                              |     |                    |                    |                    |
| 20                       | Leelmax Power Solution (Opc) Pvt.<br>Ltd. 23, Neer Sagar-B, Bhankrota,<br>Jaipur                                             | 200 | Allowed            | <b>Not Allowed</b> | <b>Not Allowed</b> |
| 21                       | NDJ Solar Power Pvt. Ltd.<br>21-22 Vikas Colony Near Jindal<br>Resort                                                        | 200 | Allowed            | <b>Not Allowed</b> | <b>Not Allowed</b> |
| 22                       | Skymech Engineers Pvt. Ltd.,<br>28-29 Prem Vihar A-Block, Goner<br>Road, Looniyawas, Jaipur                                  | 200 | Allowed            | <b>Not Allowed</b> | <b>Not Allowed</b> |
| 23                       | Power Solar<br>17-E-54, Near Meera Park,<br>Choupasani Housing Board, Jodhpur                                                | 200 | Allowed            | <b>Not Allowed</b> | <b>Not Allowed</b> |
| 24                       | DSR International<br>4/90, Sector-4, Vidhyadhar Nagar,<br>Jaipur                                                             | 200 | Allowed            | <b>Not Allowed</b> | <b>Not Allowed</b> |
| 25                       | Shree Vaankal Energy Solution<br>F118, Mayank Trade Centre, Station<br>Road, Jaipur                                          | 200 | Allowed            | <b>Not Allowed</b> | <b>Not Allowed</b> |

|    |                                                                                                                           |     |         |             |             |
|----|---------------------------------------------------------------------------------------------------------------------------|-----|---------|-------------|-------------|
| 26 | Kadam Electricals And Energy Power, A House Opp. ITI, Shastri Nagar Nagaur 341001.                                        | 200 | Allowed | Not Allowed | Not Allowed |
| 27 | Shakti Enterprises<br>96, Tirupati Vihar, Manyawas, Jaipur                                                                | 200 | Allowed | Not Allowed | Not Allowed |
| 28 | Solar Solution Company<br>302, Shubham Complex, Shukhadia Circle, Udaipur                                                 | 200 | Allowed | Not Allowed | Not Allowed |
| 29 | Nzeru Solutions Pvt. Ltd.<br>301 Mohan Nagar, D-Block, Marutikunj Road Nayagaon                                           | 200 | Allowed | Not Allowed | Not Allowed |
| 30 | Amrit Agro<br>Ward No18 Sardarshahar Dheerwas Bara Churu                                                                  | 200 | Allowed | Not Allowed | Not Allowed |
| 31 | Sanshari Solar<br>Office No-404 Okeypluse Spaces Malviya Nagar Industrial Area Near Apex Circle Jaipur                    | 200 | Allowed | Not Allowed | Not Allowed |
| 32 | Bhardwaj Sun Energy<br>Hotel Shikarbadi Road, Goverdhan Vilas, Udaipur - 313002                                           | 200 | Allowed | Not Allowed | Not Allowed |
| 33 | Mahiya Akshay Ujala Pvt. Ltd.<br>Village-Aadhsar, Teh. Shri Dungargarh, Bikaner                                           | 200 | Allowed | Not Allowed | Not Allowed |
| 34 | Shubham Solar Solution<br>50/102 Pratap Nagar, Sanganer, Jaipur                                                           | 200 | Allowed | Not Allowed | Not Allowed |
| 35 | Saharan Solar Solutions<br>S.No.3, Jat Dharamshala, Sector No.9, Kacheri Road, Hanumangarh Junction, Hanumangarh District | 200 | Allowed | Not Allowed | Not Allowed |
| 36 | SL Energies Pvt Ltd<br>301-A, Varadhman Nagar Ajmer Road                                                                  | 200 | Allowed | Not Allowed | Not Allowed |
| 37 | Comgen Info System Pvt. Ltd.<br>99 Moti Nagar West Queens Road Jaipur                                                     | 200 | Allowed | Not Allowed | Not Allowed |
| 38 | Powerxp Consultants Pvt. Ltd.<br>16 Sadul Colony, Near Marwar Hospital, Bikaner                                           | 200 | Allowed | Not Allowed | Not Allowed |
| 39 | IRA Power Pvt. Ltd.<br>145-B, Sanjay Nagar, Kalwar Road, Jhotwara, Jaipur                                                 | 200 | Allowed | Not Allowed | Not Allowed |
| 40 | Surgetic Solar Pvt Ltd<br>C-12 Panchvati Nagar, Kunhari, Kota                                                             | 200 | Allowed | Not Allowed | Not Allowed |

#### 4. COST SHARING OF SPV SYSTEMS :

- (a) RREC will support/provide subsidy@ 30% of the cost per Watt (Watt peak) of the system sanctioned under this scheme under Roof Top SPV Programme of MNRE, GoI.
- (b) Balance amount shall be beneficiary share, Beneficiary share shall be collected by the supplier directly from the beneficiaries.
- (c) Maintenance charges for 5 Years free Comprehensive Maintenance of systems are inclusive in the prices.

#### 5. ELIGIBLE BENEFICIARY FOR ROOF TOP SPV POWER PLANTS :

| S.No | Category      | Coverage of Building                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Residential   | All types of residential buildings.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2    | Institutional | Schools, health Institutions including medical colleges & hospitals, Universities, educational institutions etc. [including those registered under the Societies Registration Act 1860 and the Indian Trust Act 1882], except government buildings/ institutions, private commercial and industrial sector.                                                                                                                                                                 |
| 3    | Social sector | Community centres, welfare homes, old age homes, orphanages, common service centres, common workshops for artisans or craftsman, facilities for use of community, Trusts/NGOs/Voluntary organizations/Training Institutions, any other establishments for common public use etc. [including those registered under the Societies Registration Act 1860 and the Indian Trust Act 1882], except government buildings/ institutions, private commercial and industrial sector. |

#### 6. BENEFICIARY IDENTIFICATION & PROCESS TO TAKE UP THE WORK:

For identification of projects, RREC may provide help such as publicity etc., However, the entire responsibility of finding the beneficiaries lies with the firm. The empanelled firm will identify the eligible beneficiary and take up the work as per section-12 of the tender document.

It will be the responsibility of the empanelled firms/vendors to apply for sanction of projects online through web-portal of RREC available at [energy.rajasthan.gov.in/rrec1](http://energy.rajasthan.gov.in/rrec1). Each vendor will be provided their own login ID by RREC for application of various approvals like sanction of DPRs, PDI of Material, Physical Verification of Projects and various other Correspondences. If Firm/Vendor fails to update the data on web-portal of RREC, then RREC have liberty to stop the payment to the Firm / Vendor.

#### 7. AWARD OF QUANTITY :

The award of quantity will be as per clause 3 of this Rate Contract.

#### 8. PRE-DESPATCH INSPECTION OF MATERIAL:

After issuance of sanction of the project by RREC as per clause 9.26 of the tender document, the supplier will offer the material for pre-despatch inspection at work place of the firm.

Supplier will despatch the material for site only after issuance of despatch instructions on clearance of PDI.

## 9. INSURANCE:

The Supplier shall be responsible and take an Insurance Policy for transit-cum- storage-cum- erection for all the materials to cover all risks and liabilities for supply of materials on site basis, storage of materials at site, erection, testing and commissioning. The Supplier shall also take appropriate insurance during O&M period, if required on their own cost.

## 10. SPECIFICATIONS OF MATERIAL & STANDARDS :

The design, engineering, manufacture, supply, installation, testing and performance of the equipment shall be in accordance with latest appropriate IEC/Indian Standards as detailed in Annexure-2 of section-13 of tender document. Where appropriate Indian Standards and Codes are not available, other suitable standards and codes **updated and approved on time to time basis by the MNRE shall be used.**

The specifications of the components should meet the technical specifications mentioned in Annexure-2 of section-13.

Any supplies which have not been specifically mentioned in this Contract but which are necessary for the design, engineering manufacture, supply & performance or completeness of the project shall be provided by the Successful Bidder without any extra cost and within the time schedule for efficient and smooth operation and maintenance of the SPV plant.

## 11. MAINTENANCE AFTER INSTALLATION OF POWER PLANTS:

The supplier shall be responsible to provide free comprehensive maintenance of the SPV Power Plant for FIVE Years from date of commissioning of the power plant as per tender document. The supplier shall ensure timely attending the fault(s), it should be attended by the supplier within 3 days of lodging.

In case the supplier is failed to provide proper maintenance of the systems to the beneficiary within 3 days period from lodging, on further delay in attending and rectifying the fault, penalty @Rs.20/- per day per kW will be charged by RREC. This penalty will be in addition to clause: 2.4 of Tender document.

## 12. WARRANTIES:

### a) MATERIAL WARRANTY:

- (i) The manufacturer should warrant the Solar Module(s) to be free from the defects and/or failures specified below for a period not less than ten (10) years from the date of sale to the original customer ("Customer")
  - (ii) Defects and/or failures due to manufacturing
  - (iii) Defects and/or failures due to quality of materials
  - (iv) Non conformity to specifications due to faulty manufacturing and/or inspection processes.
- If the solar Module(s) fails to conform to this warranty, the manufacturer will repair or replace the solar module(s), at the Owner's sole option.

#### **b) PERFORMANCE WARRANTY:**

The predicted electrical degradation of power generated not exceeding 20% of the minimum rated power over the 25 year period and not more than 10% after ten years period of the full rated original output.

#### **13. VALIDITY OF RATE CONTRACT:**

This Rate Contract will be valid upto 9 months from the date of issue of Letter of Allocation. This validity can further be extended by the tendering authority with the consent of firms.

#### **14. TIME OF COMPLETION OF SANCTIONED CAPACITY :**

The empanelled firms shall take up and complete the allocated PV capacity upto 9 months from the date of issue of Letter of Allocation. After completion of project, firm shall submit subsidy claim notes along with relevant documents to respective Project Officers on timely basis and obtain receipt of the same from PO office. RREC HQ will be informed about this along with receipt of PO office & list of beneficiaries within next 7 days (i.e. 7th day of every month). The extension of time period for implementation of the programme is solely on the discretion of the tendering authority.

The time specified for the delivery and completion of the work in the contract tender shall be deemed to be the essence of the contract and the successful supplier(s) shall arrange to complete work within the period on receipt of order from RREC.

#### **15. METERING AND GRID CONNECTIVITY.**

Rajasthan Electricity Regulatory Commission (RERC) has issued "Regulation for net metering and grid connectivity" on 26th February, 2015. The SPV Power generators/beneficiaries going for installation of SPV Power Plants under this scheme will also be governed by the rules & regulations of Net Metering scheme as notified by RERC and amended time to time.

The Empanelled supplier shall bear the entire cost of metering arrangement provided including its accessories. The fee and other charges such as Security Deposit payable to office of DISCOM & Electrical inspector will be payable by beneficiary separately. The installation of meters including CTs & PTs, wherever applicable, shall be carried out by the supplier as per the procedures in vogue of the Discom(s) with their permission.

#### **16. VERIFICATION OF BILLS OF SUBSIDY CLAIMS:**

The payment of subsidy/balance system cost for supply of SPV systems shall be released after submission of following documents duly verified by Project Officer, RREC or by officer nominated from Head office of RREC along with uploading of project details on the online system of RREC on RREC's website [energy.rajasthan.gov.in/rrecl](http://energy.rajasthan.gov.in/rrecl).

- (i) Bill/invoice issued to beneficiary by the supplier.
- (ii) Duly signed by beneficiary installation certificate (As per Annexure-10) with name, fathers name & full address of beneficiary with full details of material such as :



- (a) Date of commissioning.
- (b) Model
- (c) Make
- (d) Serial Nos. of PV Modules, PCU and Balance of systems.
- (iii) Address proof of beneficiary like Adhaar card, Voters Identification Card number and Electricity Bill etc.
- (iv) Joint Inspection Report by PM/PO, RREC
- (v) Photographs of the installed project mandatorily including photo Project Manager/Office, RREC, Vendor and Beneficiary (3 persons) with date & time tag and GPS Location on it. (The Photograph must match with the photograph in the ID proof). As far as possible, photograph of installed system should be taken with person whose ID proof is being taken but in case at the time of taking Photograph the ID proof person is not available at his residence, his/her spouse photograph may be taken with installed system.
- (vi) Copy Sanction Letter of Project by RREC and Agreement with beneficiary for maintenance (Annexure-9).
- (vii) **DI/Waiver Letter of PDI by RREC.**  
{Two sets of documents (i) to (v) must be prepared & one copy be submitted to PO & second copy to RREC HQ Jaipur along with bill of subsidy claim}.

#### 17. RELEASE OF PAYMENT OF SUBSIDY :

The payment of subsidy/balance system cost for supply of SPV system shall be released only after receipt of funds under the programme from concerned funding agency after submission of required documents as per Bid clauses.

|       |                                                                                                                                                                                                                                                                                        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | RREC will release total payable capital subsidy for different category to the supplier firm as under :                                                                                                                                                                                 |
| (i)   | Payment of 80% subsidy@ Rs 12.88 /- per Watt Peak for the capacity of 1 kW to 10 kW.                                                                                                                                                                                                   |
| (ii)  | Payment of 80% subsidy@ Rs 11.82 /- per watt peak for the capacity of more than 10 kW to 50 kW and,                                                                                                                                                                                    |
| (iii) | Payment of 80% subsidy @ Rs 11.23/- per watt peak for the capacity of more than 50 kW to 500 kW, after completion of installation, commissioning of the system and verification of the system and documents duly verified by the P.O. concerned/authorised RREC officer.               |
|       | The remaining 20% balance subsidy in each category will be released in five equal parts (i.e 4%) annually on submission of satisfactory performance reports through concerned Project Manager/ Officer, RREC and confirmed by beneficiary as per clause 9.7(B) (v) of tender document. |

#### 18. LIQUIDATED DAMAGES (LDs) FOR DELAY IN PROJECT IMPLEMENTATION:

In case, the supplier fail to complete the work in the period specified in the Rate Contract, RREC may at its discretion to allow an extension in time of completion, subject to recovery from the manufacturer an agreed liquidated damages on amount payable by RREC {i.e. the amount of LD shall be calculated on the total subsidy payment payable by RREC} for systems which the manufacturer has failed to complete the balance work of supply, erection, installation, testing and commissioning for period of delay under bid clause 9.15.

*[Handwritten signatures and initials in blue ink]*

MNRE has conveyed the sanction for implementation of 18MW capacity Grid Connected Solar Rooftop Projects vide their letter dated 20.12.2017 with commissioning timeline of 15 months. Therefore, It would not be possible for RREC to extend the Timeline beyond 19.03.2019 even with the provisions of LD.

#### 19. PLANT PERFORMANCE EVALUATION:

RREC shall monitor the performance of the grid connected SPV Power Plants as per clause 2.4 of the tender document.

#### 20. TERMS & CONDITIONS GOVERNING THE W.O :

- (i) This Rate Contract shall be governed by terms and conditions of the tender enquiry vide NIT No RREC/SPV Roof Top Prg./17-18" dated 30.10.2017 and Revisions/ Corrigendums issued thereof.
- (ii) Legal proceedings, if any in respect of above scheme shall come under the jurisdiction of courts at Jaipur.

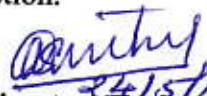
#### 21. ALL THE TERMS AND CONDITION AS PER BID DOCUMENT IS PART OF THIS CONTRACT.

The acceptance of this Rate Contract be acknowledged within 15 days with a copy of this Rate Contract duly signed.

  
(S.K. Baswal)  
Director (Technical)  
RREC, Jaipur

Copy forwarded to the following for information and necessary action:-

1. Sh. J.K. Jethani, Director (SPV Roof Top Programme), MNRE, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. The Director (Finance), RREC, Jaipur
3. The Superintending Engineer (RA&C), JdVVNL (Nodal Officer).
4. The Executive Engineer, DSM, JVVNL, Jaipur (Nodal Officer).
5. The Executive Engineer, DSM, AVVNL, Ajmer (Nodal Officer).
6. P.S. to the MD, RREC, Jaipur for kind appraisal of MD
7. P.A to Director (Tech.), RREC, Jaipur.
8. The Project Manager/Project Officer, RREC, Jaipur/Jodhpur/Kota/Jaisalmer/Bikaner/ Udaipur/ Ajmer / Alwar (HQ- Jaipur).
9. All Empanelled Firms (As above) for information & necessary action.

  
24/5/18  
Director (Technical)  
RREC, Jaipur