



**അനേർട്ട്**  
**ANERT**

**Agency for New and renewable Energy Research and Technology**  
നവീകര്യം പുനരവലോകനയോഗ്യമായ ഊർജ്ജ ഗവേഷണങ്ങൾക്കും സാങ്കേതിക വിദ്യകൾക്കുമുള്ള ഏജൻസി  
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**Proceedings of O/O CEO ANERT**  
**(Present: Narendra Nath Veluri I F S)**

**ABSTRACT**

ANERT – Registration of Vendors for Installation of Solar Projects – Updated List of Agencies – Approved - Orders issued

|      |     |                |            |
|------|-----|----------------|------------|
| A.O. | No. | 204/2022/ANERT | 10/10/2022 |
|------|-----|----------------|------------|

- Read:
1. ANERT Order No. ANERT TECH/153/2021 PO(KKG) dtd 05/10/2021 appointing M/s ICRA Analytics for Grading Vendors
  2. Tender ID - 2021\_ANERT\_458898\_1 published in Kerala Tenders portal
  3. Bids submitted by Vendors
  4. ANERT Order No. A.O/153/2022 dtd 04/08/2022
  5. Tender ID - 2021\_ANERT\_458898\_2 published in Kerala Tenders portal
  6. Bids submitted by Vendors

**ORDER**

ANERT is creating an eco-system to cater the requirements of the State to achieve the Renewable Energy targets set forth by the State and Central Governments. ANERT plans to list System Integrators / EPC contractors in the Renewable Energy sector through a vendor Registration Process. For this, ANERT has appointed M/s ICRA Analytics Ltd vide ref cited 1<sup>st</sup> to undertake the Grading of all such prospective vendors enabling ANERT to directly list such vendors based on the Grading provided by ICRA Analytics. ANERT had invited Expression of Interest vide ref cited 2<sup>nd</sup> for listing of agencies for undertaking installation of Solar Power Plants undertaken by ANERT. The list of vendors was published vide ref cited 4<sup>th</sup>.

This process of Vendor Registration is envisaged as a continuous process and hence another EoI was floated vide ref cited 5<sup>th</sup> and there are 25 bidders in this EoI who had submitted for registration. Among these, 2 bidders have not submitted the pre-requisite ICRA grading as per EoI and their bids are not considered in this process. Two

bidders, whose bid was not considered in the earlier evaluation vide ref cited 3<sup>rd</sup>, has met the requisite criteria and hence are included in this updated list. The updated list of vendors along with their Grading are given below:

| S/<br>N | BIDDER   | ICRA<br>GRADE |
|---------|--|---------------|
| 1       | POWER ONE MICROSYSTEMS PVT LTD   | 1B            |
| 2       | INKEL LTD  | 1C            |
| 3       | KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION                               | 1C            |
| 4       | ALLSUN NATURE  | 2B            |
| 5       | BSS COMMUNITY INDUSTRIES   | 2B            |
| 6       | ECOPOWER SOLUTIONS   | 2B            |
| 7       | KERALA STATE EEX-SERVICEMEN DEVELOPMENT AND REHABILITATION CORPORATION(KEXCON) | 2B            |
| 8       | MOS SYSTEMS & CONTROLS   | 2B            |
| 9       | ALMIYA FUTURE ENERGIES PVT LTD   | 2C            |
| 10      | AMMINI SOLAR PVT LTD   | 2C            |
| 11      | ARIES MARINE & ENGINEERING SERVVRVICES PRIVATE LIMITED                         | 2C            |
| 12      | BSS GREEN LIFE   | 2C            |
| 13      | ECO MITRA SOLAR PVT LTD  | 2C            |
| 14      | ECOMATE ENERGY SOLUTIONS   | 2C            |
| 15      | ECOSUN POWER SOLUTIONS   | 2C            |
| 16      | EVEREST AGENCIES   | 2C            |
| 17      | EVERRENEW ENERGY PRIVATE LIMITED   | 2C            |
| 18      | KC KOPAR ENERGY SOLUTIONS PVT LTD  | 2C            |
| 19      | NET VISION   | 2C            |
| 20      | PIXON GREEN ENERGY PVT LTD   | 2C            |
| 21      | REENERGY SYSTEMS PRIVATE LIMITED   | 2C            |
| 22      | RENOQ POWER SOLUTIONS INDIA PVT. LTD.  | 2C            |
| 23      | RESONANCE ENGINEERING PVT. LTD   | 2C            |
| 24      | SINELAB TECHNOLOGIES PVT. LTD  | 2C            |
| 25      | SOFTRAYS POWER SOLUTIONS   | 2C            |
| 26      | SOLARTECH RENEWABLE ENERGY PVT LTD   | 2C            |
| 27      | SOLGEN ENERGY PVT LTD  | 2C            |
| 28      | SOLWATT POWER PRIVATE LIMITED  | 2C            |

|    |  |    |
|----|--|----|
| 29 | SUNRAY PRODUCTS PVT LTD                        | 2C |
| 30 | THARAYIL POWER AND ENERGY SOLUTIONS PVT LTD    | 2C |
| 31 | WATTSUN ENERGY INDIA PVT LTD                   | 2C |
| 32 | BSB SOLAR POWER PVT LTD                        | 2D |
| 33 | COLOMBIERLAB PVT LTD                           | 2D |
| 34 | KROMTECH POWER INDIA PVT LTD                   | 2D |
| 35 | TENEGA ENERGY SOLUTION LLP                     | 2D |
| 36 | UNITED ELECTRICAL INDUSTRIES LTD               | 2D |
| 37 | WINDSTREAM ENERGY TECHNOLOGIES PRIVATE LIMITED | 2D |
| 38 | AADITHYA INNOVATIONS                           | 3B |
| 39 | COOPA ENERGY                                   | 3B |
| 40 | ECHO POWER SYSTEMS                             | 3B |
| 41 | ELECTRO SOLUTION                               | 3B |
| 42 | EVERGREEN SOLAR AND POWER SOLUTION             | 3B |
| 43 | GREEN ENERGY SOLAR SOLUTIONS                   | 3B |
| 44 | JICO INDUSTRIES PVT LTD                        | 3B |
| 45 | KINGSEYE TECHNOLOGIES                          | 3B |
| 46 | PVS TRADING AND MARKETING                      | 3B |
| 47 | NESTRO MARKETING LLP                           | 3B |
| 48 | SPECTRUM TECHNO PRODUCTS                       | 3B |
| 49 | SURYA SOLAR                                    | 3B |
| 50 | A3S ECOSAVE PVT LTD                            | 3C |
| 51 | BPE BHARAH POWER ENGINEERS PVT LTD             | 3C |
| 52 | FUTURE NXT SYSTEMS LLP                         | 3C |
| 53 | GETEM ENGINEERING PRIVATE LIMITED              | 3C |
| 54 | KIAH ENERGIES PVT LTD                          | 3C |
| 55 | MERKURY ELECTRICAL CORPORATION                 | 3C |
| 56 | ROZE SOLAR SOLUTIONS PVT LTD                   | 3C |
| 57 | SIRET ENERGY ENGINEERING PVT LTD               | 3C |
| 58 | TEJAS SOLAR TECHS                              | 3C |
| 59 | ULTRA SOLAR ENERGY SOLUTIONS                   | 3C |
| 60 | VTECH ENGINEERS                                | 3C |
| 61 | ZENSTER POWER SOLUTION PVT LTD                 | 3C |
| 62 | ANNA FUTURE TECHNOLOGY LLP                     | 3D |

|    |   |    |
|----|---|----|
| 63 | OMAMOTUZO PRIVATE LIMITED               | 3D |
| 64 | SMARTENERSOL RENEWABLES PRIVATE LIMITED | 3D |

The updated list of bidders who are not considered for evaluation along with the reason are given below:

| S/N | Bidder                          | Remarks                         |
|-----|---------------------------------|---------------------------------|
| 1   | ARUVI SOLAR ENTERPRISES PVT LTD | No Grading certificate provided |
| 2   | FABSEMI SOALR                   |                                 |
| 3   | USHA ELECTRONICS SYSTEMS        |                                 |

## 1. LIST OF PROGRAMMES / MODE OF IMPLEMENTATION

- i. This list of Vendors will be eligible to undertake works of ANERT for installation of grid connected, off-grid & Hybrid solar power plants. These installations could be under CAPEX / RESCO / BOOT mode.
- ii. ANERT is the Nodal agency for implementation of Solar Power Plants in Public buildings and Proposed Solar City at Thiruvananthapuram. All activities to be undertaken by ANERT shall be implemented through these listed vendors.
- iii. Price offers will be invited for various capacities of grid connected, Off Grid and Grid connected solar plant with battery backup as and when required.
- iv. Deposit works / Technical Consultancy works entrusted to ANERT by various institutions / firms for installation of Solar power plants will be implemented through the agencies listed through this process only would be eligible for undertaking such works also and price offers will be collected based on site conditions separately.
- v. ANERT will be acting as a PMC for Government Institutions who wish to install Power Plants on RESCO mode. All (Some) of Such works can be implemented through this list of vendors. ANERT may also award the installation part to these vendors if required, provided the materials will be procured directly by ANERT.
- vi. ANERT may also fix rate contract for installation if a particular programme demands so. This list will not be applicable for installations made under any Financial Assistance schemes of MNRE.

## 2. ALLOCATION OF CAPACITY

The capacity of Solar Power Plant that can be allotted to a particular vendor depends on their grading issued by M/s ICRA Analytics Limited, which is determined using the experience and financial strength of the vendor. Based on the grading, the vendors will

be listed in certain categories as below:

| Grading Scale          |               | Financial Strength |               |         |               |      |
|------------------------|---------------|--------------------|---------------|---------|---------------|------|
|                        |               | Strong             | Above Average | Average | Below Average | Weak |
| Performance capability | Strong        | 1A                 | 1B            | 1C      | 1D            | 1E   |
|                        | Above Average | 2A                 | 2B            | 2C      | 2D            | 2E   |
|                        | Average       | 3A                 | 3B            | 3C      | 3D            | 3E   |
|                        | Below Average | 4A                 | 4B            | 4C      | 4D            | 4E   |
|                        | Weak          | 5A                 | 5B            | 5C      | 5D            | 5E   |

Only agencies obtaining grades 5C and above are eligible for listing

With reference to the grading allotted, the single plant capacity and the total volume of works that can be allotted at a time is

| Grade Allotted | Maximum Single plant capacity- kW | Total Volume in kW by Batch |
|----------------|-----------------------------------|-----------------------------|
| 1A             | 3000                              | 5000                        |
| 1B             | 2000                              | 3500                        |
| 1C             | 250                               | 1000                        |
| 1D             | 50                                | 500                         |
| 1E             | 10                                | 100                         |
| 2A             | 500                               | 2500                        |
| 2B             | 250                               | 2000                        |
| 2C             | 200                               | 1000                        |
| 2D             | 50                                | 200                         |
| 2E             | 10                                | 100                         |
| 3A             | 300                               | 1000                        |
| 3B             | 100                               | 500                         |
| 3C             | 50                                | 300                         |
| 3D             | 5                                 | 50                          |
| 3E             | 5                                 | 50                          |
| 4A             | 10                                | 100                         |

|    |    |     |
|----|----|-----|
| 4B | 10 | 100 |
| 4C | 5  | 50  |
| 4D | 3  | 25  |
| 4E | 3  | 25  |
| 5A | 3  | 25  |
| 5B | 2  | 15  |
| 5C | 2  | 10  |

### 3. TECHNICAL REQUIREMENTS

- i. The implementation of the projects should be in accordance with technical compliance required by ANERT / MNRE, CEA, KSERC Regulations. The detailed technical requirements are attached as annexure - I.
- ii. Technical compliance certificate/ Test report from the approved laboratory of MNRE, NABL, IEC, BIS accredited has to be submitted for the main system components (solar PV module, Power conditioning unit, Battery) of all the models and brands proposed. The certificate should be valid as on the date of submission. Vendors are free to use the components listed by ANERT from time to time and the above documents are not required in that case.
- iii. ANERT will be verifying the installations through ANERT District Engineers / Accredited Solar Power Plant Inspectors (ASPPI) and the directives from ANERT, based on the recommendation of the inspectors has to be incorporated and installation has to be modified, if required.
- iv. The Compliance of technical parameters and prescribed installation practices has to be adhered to and the violators will be removed from the list and the details will be made available to the public for information. Disciplinary action also will be initiated based on the gravity of the issue.
- v. 5 years warranty for the entire system should be provided by the vendor as per the conditions of the contract. The Copy of warrantee certificate from manufacturer of module and PCU and Battery has to be given to the beneficiary institution as an attachment to the warrantee certificate of the Vendor
- vi. Any complaint or service call from the beneficiary has to be attended within 48 hours and problems have to be rectified within 7 days

### 4. VALIDITY

- i. The validity of the list will be for a period of two years from the date of issue of this order and this list will be updated as and when required.

- ii. The vendors are free to renew their grading at any point of time and ANERT will update the allocation accordingly as per clause #2. This is mandatory for all vendors upon completion of 1 year of issue of the list.
- iii. ANERT in its discretion is free to remove any vendor from the list of vendors at any point of time on reasonable grounds

## 5. TERMS AND CONDITIONS FOR THE RATE CONTRACT

This Vendor Registration process shall be governed by the terms and conditions of the tender vide Tender ID: - 2021\_ANERT\_458898\_1 & 2021\_ANERT\_458898\_2 and all corrigendum issued thereof. All the terms and conditions as per the EoI document is part of this process. The CEO, ANERT solely reserves the right to cancel/modify/extend this list without assigning any reason.

The acceptance of this process shall be acknowledged with 7 days with a copy of this order duly signed. In case, any of the agencies fail to comply the same, they stand removed from the ANERT List of Vendors for Solar Power Plant installations.



Chief Executive Officer

Copy to:

1. All Vendors (through email)
2. IT Section for updating in website
3. Office Copy