Alternate sources of energy & energy conservation measures

• Alternative sources of energy & Energy Conservation:-

The college has also installed a grid connected solar power plant of 2 KWp on the rooftop. The supply arrangement of Solar Power Plant is such that it will first meet in-house electricity consumption of college, then after it will supply surplus energy to grid. We have analyzed the electricity bills of last one year. We have noticed that exported unit to grid is not mentioned in electricity bill. However, Town Services Department should give details of exported unit in electricity bill as per regulation of Chhattisgarh State Electricity Regulatory Commission Regulations & also use of LED bulbs & tube lights in college campus.

- Solar module -2 Kilo watt power
- Solar battery-12V 150 Ampere hour
- Solar PCU-2 KVA



Pic: - The Solar Panels grid planted on the roof top of the college for an alternative source of Energy.

• Details of solar panel information:-

पण्डरिया, दिनांक 09/09/2019 Webs 1-1019 CHHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY (CREDA) (Dept. of Energy, GovL of Chhat Mi.P. (Airport) Road, Near Energy Education Park, P.O. Deopur, Reipur - 492 015 (C.G) Tel : 83700 09915, 83700 09923 • Email: contact.creda@gov.in • Website: www.creda.co.in CREDA Raipur, Date: 1 206.2019 Ref BTOZA /CREDA/RE-III/ SI-114/2019, To, M/s Swastik Solar, Kailash Nagar, Near Jalaram Mandir, Tre Rajnandgaon (C.G.) Renewal of Registration as System Integrator (SI) in SPV Projects under Market Mode for the Sub: year 2019-20. Ref: 1)- CREDA Registration Letter No. 30211, Date 22-03-2018 for year 2018-19. 2)- Your application Letter No. - Nil-, Date 10-04-2019 for year 2019-20 In reference to your referred application for Renewal of registration as a System Integrator for 128 implementing Off-Grid Decentralized Solar Photovoltaic (SPV) projects under Market Mode scheme of CREDA for Financial Year 2019-20 anywhere in Chhattisgarh State, your registration is hereby considered for renewal as System Integrator (SI) for installation of SPV systems under "Category B (01 kWp - 50 kWp) vide reg. no.3.7.0.4 /CREDA/SPV/Off-Grid/2019/Date 8 JUN 2019er following terms and conditions 1. Under stated category, you have to install SPV Off-grid systems of minimum 50 kWp aggregate capacity during this current year, failing which you will not be considered for renewal as SI for next year. 2. Your registration is valid up to 22-03-2020 however all terms & condition of the market mode scheme of CREDA for FY 2019-20 (31.03.2020) shall be applicable. In case of any change in policy due to change in Financial year/otherwise, the same will be applicable to this registration. 3 System Integrators should associate themselves in creating awareness and educate end users / potential beneficiaries in order to promote use of renewable energy. System Integrators shall not use either CREDA's logo or any other Central / State Govt. departments' logo on any of their pamphlets. advertisement, publication, websites, etc. 4. The Sis registered with CREDA is an associates ONLY. They are not directly or indirectly official / integral part of CREDA. Their registration with CREDA does not entitle them to be eligible for any Govt. work. The eligibility of SI for any Govt. work is adjusted by CREDA on case to case basis. 5. Si's are not entitled to quote/produce rates or work directly to any other Govt. departments/Agency. (Including PSUs, Gram Panchayats, Municipal Corporations, JFMs, SHGs, CSR funds etc.) Any System Integrator found violating these norms will not only be blacklisted and debarred from CREDA but also a suitable legal action shall be taken and his/their EMD will also be forfeited. 6 The guidelines, formats for application for subsidy and Joint Coramissioning Certificate (JCC) etc are already uploaded in CREDA Website i.e.http://creda.cgstate.gov.in. All SI's are instructed to follow the same CREDA reserves the right to modify/cancel/reject any registration without giving any reasons or prior notice. Chief Engineer Cont "Truth is One, Paths are many" : Mahatma Gandhi "स्वहित एवं राष्ट्रहित में ऊर्जा बचायं "

• <u>Bills</u> :-

