

7.4.2 a University as a body
promote a public pledge toward
100% renewable energy
beyond the university
(Invited Talk, Workshop, National level Seminar)



Invited talk —Smart Energy System for Renewable Energyll, Dr. K. Balaraman, Director General, NIWE, Government of India, Date: 30.07.2019





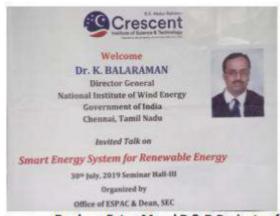
Interaction and discussion with Director ESPAC, Dean & Faculty members



Visit to Solar Plant



Visit to Crescent Innovation and Incubation Council





Book on Extra-Mural R & D Projects of Govt. of India, released by Dr. K. Balaraman, DG, NIWE and our Vice Chancellor, Registrar of BSARCIST.



# Workshop on Renewable Energy adopting smart technologies 01st October 2019

Dr. SUKUMAR MISHRA, Professor, Department of Electrical Engineering, IIT Delhi, New Delhi



# National Level seminar on "Research potential in Solar Energy & Storage Technologies" – 11th March 2020

Dr.J.Gaayathri, Assistant Professor (S.G.),CO2 research & green energy technologies center, VIT, Vellore





# One day training programme on "Operation and Maintenance of Roof Top Solar PV Practices" – 10th February 2020

## In association with Estate office / BSACIST

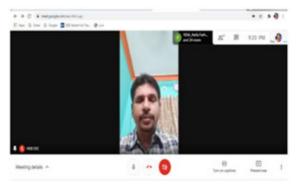
Mr. Lokabhiraman, Sr. DGM, Ex-BHEL & Mr. Pradeep Chavan, Sr. Executive Ex-BHEL Arbutus Consultants PVT LTD., Pune, Maharashtra



## GREEN & CLEAN ENERGY-SAKSHAM 2021 on 9th February 2021

Resource person: Mr. S Ramalingam, President, ENFUSE







# Awareness programme on "Energy, Oil & Gas Conservation" (Saksham 2020) – 31st January 2020

Prof S. Ramalingam, National President, Energy & Fuel Users Association of India







Ramkumar M <ramkumar@crescent.education>

#### Zero Carbon Challenge - Green Business Idea Competition

Sat, Jul 14, 2018 at 1:08 PM

CEO CIIC <ceociic@crescent.education>
Sat, Jul 14, 2018 at 1:0
To: faculty@crescent.education, deans@crescent.education, directors@crescent.education, hod@crescent.education
Cc: "Prof. Sahol Hamid Vice Chancellor" <vc@crescent.education>, dean\_acad@crescent.education, Director Hr <directorhr@crescent.education>, Syed Wajid
Ahmed <waijidahmed@crescent.education>

Please find attached brochure on the details on Zero Carbon Challenge - Green Business Idea Competition organised by IIT Madras.

 $Please\ pass\ on\ this\ information\ \&\ encourage\ our\ students,\ early\ stage\ start-ups\ to\ apply\ this\ challenge.$ 

The winning team will get seed fund of Rs.5 Lacs, mentor-ship by technical & business experts, entrepreneurship training and

If you the students need any help, please advice them to contact CIIC office. We are glad to support.

With Best Regards Parvez Alam.M

CEO - CRESCENT INNOVATION & INCUBATION CENTRE (CIIC)

BSA Crescent Institute of Science & Technology (Deemed to be University u/s 3 of UGC Act, 1956)

City Office : 3rd Floor | Seethakathi Business Centre | 689 Anna Salai | Chennai - 600006

Campus Office: Seethakathi Estate | GST Road | Vandalur | Chennai - 600048

Mobile:- +91 95510 76617

E-mail: ceociic@crescent.education Website: http://crescent.education/ Skype ID: parvez.engineer

https://www.linkedin.com/in/m-parvez-alam-be-mba-pmp-acp-cssbb-mcts-149a727/

https://www.facebook.com/parvez.alam.754570 https://www.instagram.com/parvez.engineer/

https://twitter.com/parvezalamm







+91-95432 77888

Engineering | Architecture & Design | Law | Pharmacy | Management | Commerce | Arts & Science | Ph.D Programmes

ALL INDIA Energy & Environment Innovation Contest.pdf

Weblink: https://crescent.education/university/schools/school-of-electrical-and-communicationsciences/department-of-electricals-and-electronics-engineering/events/



# **ALTERNATE ENERGY INITIATIVES**

# 7.1.3 Percentage of annual power requirement of the institution met by the renewable energy sources

- The Sanctioned Demand from Tamil Nadu Generation and Distribution Corporation
   (TANGEDCO) is 1100 KW
- The capacity of 3 roof top solar power plant installed at the campus is 550 KW<sub>p</sub>
- The installed capacity of Biogas plant is 50 m<sup>3</sup>
- Therefore the annual power requirement of the Institution met by the renewable energy sources is greater than 50%

#### LIST OF DOCUMENTS

- The Sanctioned Demand from Tamil Nadu Generation and Distribution Corporation
   (TANGEDCO): 1100 KW
- Invoices of Three Roof top solar power plants of total capacity of 550 KWp and Biogas plant
- Green Audit Report
- Invoices of Annual Maintenance of solar power plants
- Sample documental evidences for renewable energy sources



## **TABLE OF CONTENTS**

| S.NO | DETAILS  | Page Number |
|------|--|-------------|
| 1.   | The Sanctioned Demand from Tamil Nadu Generation and               | 1           |
|      | Distribution Corporation. (TANGEDCO)                               |             |
| 2.   | Tamil Nadu Generation and Distribution Corporation (TANGEDCO)      | 2           |
|      | Bill (July 2019)   |             |
| 3.   | Invoices of Three Roof top solar power plants of total capacity of | 3 - 6       |
|      | 550 KWp and Biogas plant.  |             |
| 4.   | Green Audit Report.  | 7 - 10      |
| 5.   | Invoices of Annual Maintenance of solar power plants.              | 11 - 16     |
| 6.   | Sample documental evidences for renewable energy sources           | 17 - 18     |
|      | (Geotagged photos of solar power plants and Biogas unit)           |             |

GOVERNMENT OF TAMILNADU ELECTRICAL INSPECTORATE

From
The Electrical Inspector
Chenalpattu Division
59/ 32A, RV street,
Alagasen Nagar,
Chengalpet

M/s. All India Islamic Foundation,
Seethakathi Estate,
GST Road., Vandalur,
Chennai- 600 048.
Chengalpattu TK.,
Kancheepuram DT.,

## Letter No. KPM 199/ EI/CGL/SC/2017 dated 27.06.2017

Sir, SUB Electricity- Electrical Installations of voltage exceeding 650 volts and upto 33 KV at the premises of M/s. All India Islamic Foundation, Seethakathi Estate, GST Road., Vandalur, Chennai - 600 048, Chengalpattu TK., Kancheepuram DT- Inspection under Regulations 43 central Electricity Authority (Measures relating to Safety and Electric Supply ) Regulations, 2010 on 23.06.2017 – Approval – Accorded.

Ref: 1. This office drawing approval letter KPM 199/EI/CGL/DA/2017 dated 20.06.2017.

2. Your letter received along with completion report on 23.06.17

3. This office Letter no. KPM199 /EI/CGL/ R 43/2017 dated 23.06.2017.

4. Your letter No. Nil dated 27.06.2017

Approval is hereby accorded under Regulations 43(4) Central Electricity Authority (Measures relating to safety and Electric Supply) Regulations 2010 to commission the Electrical installations inspected on 23.06.2017 at the above premises as detailed in Annexure enclosed herewith subject to complying with the terms and conditions of the supplier.

The date of energization of the installation should be intimated to this office. The equipments permitted should be commissioned within six months from the date of issue of this letter failing which fresh permission should be obtained.

Under Regulation 46 (7) of Central Electricity Authority (Measures relating to safety and Electric Supply) Regulations 2010, the owner of the installation shall maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relavant codes of practice of the Bureau of Indian Standards.

Electrical Inspector
Chengalpattu Division

Encl: Annexure containing list of Electrical Equipments

Copy to M/s. RJ Enterprises, Chennai-78.

Copy to: The Superintending Engineer/ TANGEDCO Ltd, /CEDC/Chengalpattu (with annexure) Copy submitted to: The Chief Electrical Inspector to Govt, Chennai -32 (with annexure)

1

TamilNadu Generation and Distribution Corporation Ltd. Chengalpattu - High Tension Bill (Provisional) for the Month of July 2019 TANGEDCO CIN No: U40109TN2009SGC073746 GST No: 33AADCT4784E1ZC SAC : 996912 HSN: 27160000 \*\*\*\* Electrical Energy & Distribution Services are exempted under GST \*\*\*\* 099094110185 Service No. To B. S. ABDUR RAHMAN UNIVERSITY 9094110185071901 SEETHAKATHI ESTATE, G. S. T. ROAD, VANDALUR Bill No. 01-Aug-19 Date of Bill CHENNAI Due Date 07-Aug-19 VANDALUR Tariff App. / HT IIB / HT IIB Chengalpattu 33AABTB5026G1Z8 Kancheepuram - 600048 GST No : Tr. CAP. O KVA Permitted MD : 1200 KVA Tr. Loss : Ounits/OKVA AMOUNT (Rs.) RATE CONSUMPTION DETAILS 14,86,998.55 234173 6.35 per 1. Industrial Consumption 0.00 0 2. Peak Hour Consumption 1.27 per 0.00(-)0 (-) 3. Night Hour Consumption (5% Rebate) O. 3175 per 0.00 0 4. Quarters Consumption O per unit 0.00 O per unit 0 5. Commercial Consumption 43 516.00 12 per 6. Temp. Supply Consumption 14, 87, 514, 55 7. Total Energy Charges 3,78,000.00 350 per 1080 8. Demand Charges 18, 65, 514, 55 9. Total Demand and Energy Charges ADD 10. For Non-Availing the supply at the Required Voltage 11 KV at 0.10 Rs. /unit 2,360.00 11. Meter Rent(Including 9 %SGST&9 10GST)ated Payment Surcharge for Govt 13. Extra Levy for exceeding limits 0.00 O per KVA a) Contracted Max. Dmd at 0.00 14. Compensation Charges for low PF 0.00 15. Harmonics Compensation Charges 0.00 16. Cross Subsidy Surcharge 86, 866, 50 17. Electricity Tax 0.00 . 18. Adjustment Charges(Affecting) 0.00 Rounding off 19, 54, 741.00 19. Assessment Amount 0.00 20. Adjustment Charges (Not Affecting) 21. SD Refund amount / ASD amount if any .

21. SD Refund amount / ASD amount if any .

22. Self Generation Tax

23. Self Generation Tax for Diesel Genset 0. 10 /unit

0. 00

Nett Total

Nett Total

Less: Amount Deductable due to Court Case

O. 00

Less: Amount Deductable due to Advance CC

O. 00

Less: Amount Deductable due to Advance CC 0.00
Nett Amount Payable 19,54,741.00

Rupees: Nineteen Lakhs Fifty Four Thousand Seven Hundred and Forty One Only Amt Payable after due date & upto 22-Aug-19 19,68,750.00 (i.e. 15 days

If the last day of the due date happens to be a holiday, the due date shall be RTGS Payment should be made for the exact Bill Amount. Any Part/Excess/Short This Bill is subject to the Audit, Outcome of the Court Cases, etc., if any,

b. Dimm 1/8/19

E & OE

Dr. A.K. KALILUTHIN Deputy Director

GENERAL MANAGER HELK



### FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office:704, Krishna Appartments,Tilak Road,Abids,Hyderabad-500001, India Factory: 4-7-19/45,Raghavendra Nagar,Nacharam, hyderabad-5000076 T:+91-40-64631123 linfo@fourthpartner.co lwebsite: www.fourthpartner.co CIN NO: U40108AP2010PTC070806

| Bill To   |   |   | Invoice No:           | IN/4PEL/05     | 5092014/0086  |
|-----------|---|---|-----------------------|----------------|---------------|
|           | ur Rahman University  |   | anvoice i to:         | 11/11/20/00    | 7072011/ 0000 |
|           | athi Estate,  |   | Dated:                |                | 05-09-14      |
| G.S.T.R   | oad, Vandalor   |   |                       |                |               |
| Chenna    | i - 600048  |   |                       | BSAU/Maint/EL, | /PO/2014/96   |
|           |   |   | Buyers Order No:      | and Addende    | em to PO      |
| Deliver   | To,   |   | Dated:                | 30/05/14 and   | 26/07/14      |
| BS Abd    | ur Rahman University  |   |                       |                |               |
|           | athi Estate,  |   | Mode of Payment:      |                | Wire Transfer |
|           |   |   | Destination:          |                | Chennai       |
| All figu  | res in INR  |   |                       |                |               |
| Sr No     | Description of Goods  |   | Quantity<br>inKW      | Rate           | Amount        |
|           | Renewable Energy Systems  | & Spare Parts                                 |                       |                |               |
| 1         | Module Mounting Structi<br>consistsof: AC/DC Cable<br>Strip and Earthing Materi | s, LT Panel, Cable Trays, MC4 Connectors, GI  | 100                   | 11,927.88      | 1,192,788     |
|           | CST @ 5%  |   |                       | 5%             | 59,639        |
|           |   |   |                       | Sub Total      | 1,192,788     |
|           |   |   |                       | Tax            | 59,639        |
|           | 9   |   |                       |                |               |
|           |   |   |                       | Total          | 1,252,428     |
| Amoun     | t Chargeable (in words)   | Twelve Laklis Fifty Two Thousand Four Hundred | d and Twenty Eight On | ly             |               |
|           |   | 24 242 424 224                                |                       |                |               |
| Compai    | ny's VAT TIN  | 36 912 194 886V                               |                       |                |               |
| Compar    | ny's CST No:  | 36 912 194 886C* -                            |                       |                |               |
| - Janipus | 7   | 00712 2710000                                 |                       |                |               |

**Bank Details** 

Indian Overseas Bank, Himayatnagar Branch A/C No. 057202000001642, IFSC Code:IOBA0000572

Received in Control

**Authorised Signatory** 

For FOURTH PARTNER ENERGY PY LTD.



#### VIKRAM SOLAR PVT. LTD.

Special Economic Zone (SEZ) Falta - 743504 West Bengal INDIA

Fax Phone Email Web

Our VAT

Our CST

No

03174-222647 03174-222643 pvsales@vikramsolar.com

www.vikramsolar.com 19471839074 19471839268 AABCI5168DST001

INVOICE

Sold to Party : 11578 Service Tax B.S. Abdur Rahman University No

Director-Admissions & Campus Dev. Seethakathi Estate, Vandalur

Chennai 600048

PAN Reg No CST No

: UNREGISTERED VAT Reg No : UNREGISTERED B.S. Abdur Rahman University Director-Admissions & Campus Dev.

Seethakathi Estate, Vandalur

Chennai - 600048 Tamilnadu, India,

Billing No : 60003005 Billing Date: 30.06.2014 Document : INR

Curr Customer PO : as per contract

| Tamil | nadu, India, |  | 044-22751347          |     | Weigh              | t-Vo. | lume                       |     |
|-------|--------------|--|-----------------------|-----|--------------------|-------|----------------------------|-----|
| Item  |              | Material Description                                   | Price/unit/           | Cur | Quantity           | Uni   | Value                      | Cur |
| 1     | 29000237     | Installation & Commissioning (150KW) Price Service Tax | 1,520,649.45<br>12.36 |     | 1.00               | NOS   | 1,520,649.45<br>187,952.27 | INR |
|       |              |  |                       |     | HR. DAVID          | and a | 1,708,601.72               |     |
|       |              |  |                       |     | Rounding<br>Net Va |       | 0.28                       |     |

Amount In Words : Seventeen Lakh Eight Thousand Six Hundred One Rupees Seventy Two Paise Only

### Terms And Conditions

Transport Vehicle No

REMARKS: Reviewed and Accepted

Road Permit No

Way Bill No

Freight Payment

- 1. All disputes are subject to Kolkata Court's Jurisdiction Only.
- 2. Payment by 'A/C Payee Cheque' or Bank Draft only.
- 3. We declare that this Invoice shows the Actual Price of the Goods Described and that all the Particulars are True and Correct.

For Vikram Solar Pvt Ltd

Authorized Signature

Installed & Commensor and makers watery orchitectay.

4

Prosun Energy Private Limited

#35-SIDCO, industrial Estate (PO),

Coimbatore-641 021.

Mail Id: info@prosunindia.cc Mobile: 99430 45599

Phone: 0422-2673317

Original

|   | M | 1 | O | 14 | - |  |
|---|---|---|---|----|---|--|
| ш | M | v | U | ш  | 9 |  |

Tamil Nadu State Code: 33 State : GSTIN: 33AAFCP6687E1Z8

| Invoic   | e No.   | Transporta                                | ation Mod   | е   | :  | By Road  |                     |                |
|--|---|---|-------------|---|--|----------|---------------------|----------------|
| Date   |   | 27.11.2018                                | Place of S  | Supply  |  | :        | Chennai             |                |
|  | Б   | Details of Receiver / Customer            |             |   |  | Details  | s of Consignee / De | estination     |
| Name Address B.S.Abdur Rahman Crescent Insititute of Science & Technology Seethekahi Estate GST Road, Vandalur Chennai  GSTIN State Tamil Nadu State Code 33 |   |   |             | Name Address B.S.Abdur Rahman Crescent Insititute of Science & Technology Seethekahi Estate GST Road, Vandalur Chennai GSTIN State Tamil Nadu State Code 33 |  |          |                     | Seethekahi     |
| SI.<br>No.   |   | Name of the Product                       | HSN<br>Code | Qty   |  | Unit     | Rate                | Taxable Amount |
| 1  | 300 kW or   | ngrid solar power plant system            |             | 1   |  | Set      | 16,042,860.00       | 16,042,860.00  |
|  |   |   |             | Total T   | Total Taxable Value  |          | lue                 | 16,042,860.00  |
|  |   |   |             | SGST  |  |          | 2.50%               | 401,071.50     |
|  |   |   |             | CGST  |  |          | 2.50%               | 401,071.50     |
|  |   |   |             | IGST  |  |          | 5.00%               |                |
|  |   |   |             | Total C   | SST  | Tax A    | mount               | 802,143.00     |
|  | Т   | otal Invoice Amount in Words              |             |   |  |          | Rounded off         |                |
|  |   |   |             |   | To   | otal Inv | oice Amount         | 16,845,003.00  |
| F  | Rupeese   | One Crore Twenty Lakh Seven Thousand only | ty Five     | V.  | Less Subsidy   |          |                     | 4,770,000.00   |
|  |   | Thousand only                             |             | Rounded of (-)  |  |          | 3.00                |                |
|  |   | Bank Details                              |             | Net Tot   | al A   | Amoun    | t                   | 12,075,000.00  |
|  | Prosun Energy Private Limited Tamilnadu Mercantile Bank Podanur Branch A/C No. 58700150350001 IFS Code: TMBL0000058 |   |             | Declaration   |  |          |                     |                |
|  |   |   |             |   | We declare that this Invoice shows the actual price of goods described and that all particulars are true and continuous c |          |                     |                |
|  |   | Terms & Conditions                        |             |   | Fo   | or Pro   | sun Energy Priva    | te Limited     |

1. Goods Once Sold Cannot Taken Back

2. We will Charge Interest 24% p.a. for payment delay

3. Subject to Coimbatore Jurisdiction Only

Authorized Signatory

300 kmp solar plant commissioned work how Allready 15%. Paid

#### INVOICE



Hand in Hand Inclusive Development & Services -2016-17 Invoice No. No 33, 48th Street, 9th Avenue Ashok Nagar Chennai -600 083

Invoice No.

192

Delivery Note

Delivery Note

Cheque

Supplier's Ref.

LH/Maint/BIO/WO/2016/172

Buyer's Order No.

Dated

Dated

Dated

192

Dated

Destination

Buyer

The Director
B.S.Abdur Rahman University,
Vandalur,
Chennai - 600 048

Terms of Delivery

Despatched through

T.B.A.K.Ladies Hostel B.S.Abdur Rahman University, Vandakur, Chennai -48

| SI<br>No. | Particulars  |       | Quantity | Rate  | per | Amount       |
|-----------|--|-------|----------|-------|-----|--------------|
| No.       | Kitchen Waste Based 400 Kg/day Biodas 40cum Biogas Palnt Along with Basic Accessories and Auxiliaries Digesters Gas Holders in M.S. With FRP Mixing Tank, Outlet Tank, Hydrolysis Tank Crusher with Fittings Sludege Pumps with Pipeline Connections Blower Commissing of the Plant Inclusive of All Tax | Plant |          | reale | per | 14,00,000.00 |
| mount     | Chargeable (in words)  | Total |          |       | 3   | 14,00,000.00 |

INR Fourteen Lakh Only

E. & O.E

LEN AS

GENERAL MANAGER

for Hand in Hand Inclusive Development & Services -2016-17

ised Signatory

This is a Computer Generated Invoice

PADH .



# **GREEN AUDIT REPORT**

2018 - 19





#### GREEN CAMPUS INITIATIVES- AUDIT REPORT

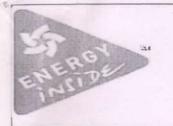
- Roof-top Solar Power Plant I of 150kWp capacity commissioned in June
   2014 at a cost of 1.32Cr.
- Roof-top Solar Power Plant II of 100kWp capacity commissioned in October
   2014 at a cost of 62Lacs.
- New Roof-top Solar Power Plant III of 300kWp capacity commissioned in October 2018 at a cost of 1.20Cr.
- Avoided emission of greenhouse gases to the equivalent of 1105624kg CO<sub>2</sub>
   due to generation of renewable energy by Solar PV power plants.
- LED fixtures of around 33KW capacity has been installed in our campus in the past 5 years.
- Air-conditioning split units of 5-star BEE rating is installed in various departments in the campus for a total of 203TR.
- All the 203 split AC units are free from ozone-depleting CFC.
- Solar Water heaters in Hostels and staff quarters installed capacity 42,500
   litres. This is equivalent to 240 electric geysers of various capacities. The power saving is estimated to be around 17Lacs per annum.
- Sewage Treatment Plant (STP) 500KLD of water is treated and utilized for Landscaping and flushing purpose in the University and Hostels. One plant of 250KLD capacity for Men's Hostel and another 250KLD capacity plant for University are in operation.



- New Bio-gas plant of 50m<sup>3</sup> capacity for Ladies Hostel is commissioned in June 2017. The gas generated is utilized in Ladies Hostel Mess Kitchen.
- All existing buildings are registered with Indian Green Building Council
   (IGBC) for green building certification under IGBC EB rating
- All New buildings constructed over the last six years and those under construction are registered with GBCI EDGE and USGBC LEED for green building certification for Gold rating.
- GBCI-EDGE Green building certification received for New Ladies Hostel &
   New staff quarters on 23.04.2018.
- New Crescent School of Architecture block is conceived as a Net Zero Energy building and registered under USGBC-LEED for Gold rating certification.
- Campus Solid Waste Management program is implemented to segregate and recycle organic waste, paper, cartons, paper cups, soft drink tins, plastic, pet bottles, e-waste, bio-waste, etc.
- Use of eco-friendly cleaning chemicals are mandatory in the campus
- Retreading of vehicle tyres to extend the life of each tyre is being implemented with an MOU with TVS Retread
- MOU with ITC-WOW is in place for recycling of waste paper
- To reduce pollution inside campus, 55 Nos bicycles have been provided for students to commute between Men's Hostel, Ladies Hostel and College Main gate. Battery Car and Electric Bike provided for staff.



- Sanitary napkin incinerator with wet scrubber (for pollution control) is installed for disposing the napkins. Wet scrubber is attached at the outlet of burner fumes where the fumes gets scrubbed in water and gets filtered to remove the harmful emissions.
- 15 Nos new AC buses, which are BS-IV compliant vehicles, have been provided for induction into the student transport fleet from July 2018.
- 33% of Carbon foot print is offset by the above environment friendly measures in campus.



## VIKRAM SOLAR LTD.

Tobaco House Kolkata - 700 001 West Bengal India

Phone

Our VAT No

:03174222647 :03174 222643

Email Web

: info@vikramsolar.com :www.vikramsolar.com

: 19471839268

Our CST No CIN No. PAN No. Our GSTIN

:U18100W82005PTC106448 : AABCIS168D

Claim Invoice

Sold to Party: 11578 B.S. Abdur Rahman University

Director-Admissions & Campus

Chennai 600048 Tamilnadu

India

Telephone: 044-22751347

Customer's : Ser Tax No :

PAN Reg No: AABTB5026G

CST No : UNREGISTERE VAT Reg No: UNREGISTERE Ship to Party: 400405

B.S. Abdur Rahman University Director-Admissions & Campus

Chennai 600048 Tamilnadu

India

Telephone: 044-22751347

Billing No Billing Date : 113401583 : 14.11.2017

Document Curr : INR

| Item | Description   | Price/unit  | Quantity | Unit . | Value     | Curr |
|------|---|-------------|----------|--------|-----------|------|
| 1    | Operation & Maintenance of 150 KW Solar Power Project<br>for the Year from 18.06.2016 to 17.06.2017 | 75000.00    | 1        | Y      | 75,000.00 | INR  |
|      |   | Basic Value |          |        | 75,000.00 | INR  |
|      |   | Rounding O  | ff       |        | 0.00      | INR  |
| 7    |   | Net Value   |          |        | 75,000.00 | INR  |

Amount In Words: Rupees Seventy Five Thousand Only

Terms And Conditions

Our Banker

: State Bank Of India Commercial Branch

Park Street, Kolkata- 700016, India Account No. 30494574274 IFS CODE: SBIN0007502

150 pou solar plant 3 rd year Ame Cost 600

E&OE For VIKRAM SOLAR LTD.

Authorized Signature

REMARKS: Reviewed and Accepted



## VIKRAM SOLAR LTD.

Tobaco House Kolkata - 700 001 West Bengal India

Fax 03174222647 Phone :03174 222643 Email : info@vikramsolar.com Web :www.vikramsolar.com Our VAT No : 1971839074 Our CST No : 19471839268 CIN No. :U18100WB2005PTC106448 PAN No. : AABCI5168D

Claim Invoice

Sold to Party: 11578

B.S. Abdur Rahman University Director-Admissions & Campus

Dev.

Chennai 600048 Tamilnadu

India

Telephone: 044-22751347

Customer's :

Ser Tax No :

PAN Reg No: AABTB5026G

CST No : UNREGISTERE

VAT Reg No: UNREGISTERE

Ship to Party: 400405

B.S. Abdur Rahman University

Director-Admissions & Campus

Dev.

Chennai 600048 Tamilnadu

ndia

Telephone: 044-22751347

Billing No

Our GSTIN

:CLI/ 113401604

Billing Date : 0

: 04.07.2018

:19AABCI5168D2ZK

Document Curr : INR

Description Value Price/unit Quantity Unit Curr Operation & Maintenance of 150 KW Solar Power Project 75000.00 75,000.00 INR for the Year from 18.06.2017 to 17.06.2018 Basic Value 75,000.00 INR Rounding Off INR 0.00 Net Value 75,000.00 INR

Amount In Words: Rupees Seventy Five Thousand Only

Terms And Conditions

Our Banker

: Allahabad Bank

Industrial Finance Branch

17, R.N Mukherjee Road, Kolkata-700001

Account No. 50036344041

IFS CODE: ALLA0211501W

150 low solar plant 4th year A

Ame Cost,

B-4/8/18

REMARKS: Reviewed and Accepted

E&OE
FOR VIKRAM SOLAR LTD.

**Authorized Signature** 



#### Vikram Solar Limited

C/o Jayem Warehousing Private Limited, SY. No. 3/6 & 3/7, Narayanappanapatya Dasanpura Hobli, Bangalore - 562123 Karnataka, India

Tax Invoice

Phone Email Web CIN No. PAN Our GSTIN

:pvsales.bangaluru@vikramsolar.c

Copy

:MM2918100484

TECHNOLOGY

Arcoi

Original

GST Bill No

:U18100WB2005PTC106448 :AABCI5168D :29AABCI5168D2ZJ

Sold to Party: 11578 B.S. Abdur Rahman University PAN :AABTB5026G Director-Admissions & Campus GSTIN :33AABTB5026G1Z8

Chennai 600048 Tamilnadu India Telephone: 044-22751347

Customer's

Ship to Party:
B.S. Abdur Rahman University
Director-Admissions & Campus Dev.
Seethakathi Estate, Vandalur Chennai
600048 INDIA Tamilnadu Mobile:
044-22751347 GSTIN: 33AABTB5026G1Z8

Billing Date :01.12.2018 Document Curr :INR Customer PO :BSAU/EL/MAIN/P

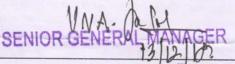
.0-201

Weight-Volume Net Weight :207.50 KG Total Weight :220.00 KG

Incoterms :CIF

| SNo. | Item Code | Description  | HSN Code | Price/unit   | Quantity        | Unit | Value      |
|------|-----------|--|----------|--------------|-----------------|------|------------|
| 1    | 20380     | PV Modules Eldora VSP.72.AAA.03.04-Grand (Batch No: 132515ZPLD ) WP - 325.00 |          | 9,750.00     | 10.000<br>3.250 | PC   | 97,500.00  |
|      |           |  | IGST 5%  |              |                 |      | 4,875.00   |
| 101  | 3.250 K   | W  |          | Basic Value  |                 |      | 97,500.00  |
|      |           |  |          | Total IGST   |                 |      | 4875.00    |
|      |           |  |          | Rounding Off |                 |      | 0.00       |
|      |           |  |          | Gross Value  |                 |      | 102,375.00 |

Amount In Words: ONE LAKH TWO THOUSAND THREE HUNDRED SEVENTY FIVE RUPEES ONLY



Perms And Conditions

Payment Terms Our Banker

100 % Advance Allahabad Bank

Industrial Finance Branch, 17, R.N Mukherjee Road, Kolkata-700001 Account No. 50036344041

IFS CODE: ALLA0211501

Way Bill No

Incoterms

CIF Channai

L/C No & Date

Transport Vehical No. Special Remark

13

Interest @18% will be charged if not paid within due date. In case of cheque bouncing Rs. 500 will be charged.

8 hgr. 18 15/18m 2. We declared that this invoice shows the actual price of good described and that all the particulars are true and correct.

CRESCENT INSTITUTE OF SCIENCE & TECHNOLOGY **VANDALUR - 600 048** RECEIVED IN STORES

Qty Received :..... Shortage if any :.....

REMARKS: Reviewed and Accepted

E&OE For Vikram Solar Limited BANGAL ORF

genras inchaes

**Authorized Signature** 

# **vikramsolar**

#### VIKRAM SOLAR LIMITED.

Specal Economic Zone (SEZ) Falta-743504, West Bengal, INDIA

03174-222643 Phone

: 03174-222647 : pvsales@vikramsolar.com

Web : www.vikramsolar.com

VAT No. : 19471839074 : 19471839268 CST No.

Email

|            |                               |                  |  | Pro forma Invo                                | oice  |  |              |  |
|------------|-------------------------------|------------------|--|---|---|--|--------------|--|
| Sold to Pa |                               | 1                | Customer's   | Ship to Party:                                | l   | Law and the same of  | BASU/EL/MAIN | 1  |
|            | U <b>niversity</b><br>Chennai | PIN-6-00048      | Service Tax No. : PAN Reg. No. : CST Reg. No. : VAT Reg. No. : | B.S. Abdur<br>Vandalur<br>Tamil Nadu<br>India | Rahman University<br>Chennai<br>PIN-6-00048 | Document Da<br>Doc. Curr<br>Cust. PO<br>Date<br>Weight-Volum |              | 26/09/2018<br>: INR<br>N.A<br>05.10.2018 |
| No         | Material                      | Mate             | rial Description   | Price   | Price /Wp                                   | Unit Price   | Quantity     | Value                                    |
| 1          | 20380                         | Eldora VSP.72.AA | A.03.04-Grand  | INR   | 30.00                                       | 9,750.00   | 10.00        | 97,500.00                                |
|            |                               |                  |  |   | Total Module Price                          |  |              | 97,500.00                                |

| Total Module Price |    | 97,500.00   |
|--------------------|----|-------------|
| GST -              | 5% |             |
| Gross Value        |    | 4,875.00    |
| Net Value          |    | 1,02,375.00 |

#### Terms And Conditions

Terms of Payment

Our Banker

100% against P.I

Vikram Solar Limited

Allahabad Bank

Industrial Finance Branch,

17, R.N Mukherjee Road, Kolkata-700001

Account No. 50036344041

IFS CODE: ALLA0211501.

Warranty Period

10 years

Performance Warrantee

Limited Warranty on products and Workmanship.12 years limited

Warranty on 90% power output 25 Years limited warranty on 80% power output

Freight Payment

: CIF Chennai

Delivery Schedule

: GST - 5% Extra

artial Shipment:

: 2 weeks after receiving PO

: Not Applicable

pecial Remarks

:Unloding will be taken care by consignee.

- All disputes are subject to Kolkata Court's Jurisdiction Only.
- 2. Payment by 'A/c Payee Cheque' or Bank Draft or Bank Transfer only.
- Interest @18% will be charged if not paid within due date. In case of cheque bouncing Rs.500 will be charged

For VIKRAN

REMARKS: Reviewed and Accepted

150 low Solar Plant Modelles replaced charge

Advance Payment. J. 2003

VNA. John (number of the first of the



#### Tax Invoice

#### FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office:704, Krishna Appartments, Tilak Road, Abids, Hyderabad-500001, India Factory: Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-5000076 T:+91-40-64631123 | Email:info@fourthpartner.co | website:www.fourthpartner.co

C I N NO: U40108AP2010PTC070806

GSTIN Number: 36AABCF6092M1Z8
Tax is Payable on Reverse Charge: No
Invoice Seriol No.: TSI/07-18/099
Invoice Date: 31-07-2018
Supplier Code: 36

PO No.: BSAU/Maint/EL/PO/2014/96

Dt.30-05-2014

Transportation Mode: LR No./Docket No.: Transporter:

Vehicle No.: -

Date of Supply: Oct16 to Oct17 Place of Supply: Chennai

Bill To:

M/s. B S Abdur Rahman Institute of Science & Technology A Muslim Minority Institution (Formerly B.S.Abdur Rahman Crescent Engg. College) Seethakathi Estate, G.S.T. Road, Vandalur CHENNAI - 600 048.

State Code: 33

GSTIN Number: Un Registered

Site Location

M/s. B S Abdur Rahman Institute of Science & Technology A Muslim Minority Institution (Formerly B.S. Abdur Rahman Crescent Engg. College) Seethakathi Estate, G.S.T. Road, Vandalur CHENNAI - 600 048.

State Code: 33

GSTIN Number: Un Registered

| Sl.No. | Description of Goods  | HSN Code | Quantity | UOM  | Unit Rate | Taxable Value |
|--------|---|----------|----------|------|-----------|---------------|
| 1      | AMC for 100 KWp SPV Plant Installed<br>at BSA University, Chennai | 998719   | 1        | Year | 63,559    | 63,559        |
|        |   | 4-9      |          |      |           |               |
|        |   |          |          |      |           | ·             |
|        | *   |          |          |      |           |               |
| 1      |   |          |          |      |           |               |

IGST 18.00% 11,441 CGST 0.00% -SGST 0.00% - 11,441

For Fourth Partner Energy Private Limited

Total Rs.
Freight Charges
Loading & Packing Charges
Insurance Charges
Other Charges
Invoice Total Rs.

75,000

75,000

1000 000 p solar glens 3rd year

WE COST 1.000

Invoice Value (in words): Rupees Seventy Five Thousand Only

Bank Details:

Name of the Bank: RBL Bank Limited Name of the Branch: Ameerpet Branch, Hyderabad Cash Credit Account No.: 609000467653

IFSC Code: RATN0000112

Authorized Signatory



#### Tax Invoice

#### FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office: 704, Krishna Appartments, Tilak Road, Abids, Hyderabad-500001, India Factory: Fourth Partner House, Plot No. N46, H.No. 4-9-10, HMT Nagar, Hyderabad-5000076 T: +91-40-64631123 | Email: info@fourthpartner.co | website: www.fourthpartner.co

CINNO: U40108AP2010PTC070806

GSTIN Number: 36AABCF6092M1Z8 Tax is Payable on Reverse Charge: No Invoice Seriol No.: TSI/10-18/168 Invoice Date: 12-10-2018

Supplier Code:

PO No.: BSAU/Maint/EL/PO/2014/96

Dt.30-05-2014

Transportation Mode: LR No./Docket No.:

Transporter: Vehicle No.:

Date of Supply: October 2017 to October 2018

Place of Supply: Chennai

Bill To:

M/s. BS Abdur Rahman Institute of Science & Technology A Muslim Minority Institution (Formerly B.S.Abdur Rahman Crescent Engg. College) Seethakathi Estate, G.S.T. Road, Vandalur CHENNAI - 600 048.

State Code: 33

**GSTIN Number: Un Registered** 

Site Location

M/s. B S Abdur Rahman Institute of Science & Technology A Muslim Minority Institution (Formerly B.S. Abdur Rahman Crescent Engg. College)

Seethakathi Estate, G.S.T. Road, Vandalur CHENNAI - 600 048.

State Code: 33

**GSTIN Number: Un Registered** 

| Sl.No. | Description of Goods  | HSN Code | Quantity | UOM  | Unit Rate | Taxable Value |
|--------|---|----------|----------|------|-----------|---------------|
| 1      | AMC for 100 KWp SPV Plant Installed<br>at BSA University, Chennai | 998719   | 1        | Year | 63,559    | 63,559        |
|        | 110   | ***      |          |      |           |               |
|        |   |          |          |      |           |               |
|        | 9   |          |          |      |           |               |
|        |   |          |          |      |           |               |
|        |   |          |          |      |           |               |

AMC charge now.

18.00% 11,441 0.00% 0.00%

Total Rs. 75,000 Freight Charges Loading & Packing Charges Insurance Charges Other Charges Invoice Total Rs. 75,000

11,441

Invoice Value (in words): Rupees Seventy Five Thousand Only

Bank Details:

Name of the Bank: RBL Bank Limited

Name of the Branch: Ameerpet Branch, Hyderabad

Cash Credit Account No.: 609000467653

IFSC Code: RATN0000112

For Fourth Partner Energy Private Limited

Authorized Signator



#### 7.1.3 SAMPLE DOCUMENTAL EVIDENCES FOR RENEWABLE ENERGY SOURCES

B.S.Abdur Rahman Crescent Institute of Science and Technology undertakes initiatives to obtain energy from various natural resources. The Institute is pioneer in establishing renewable energy sources to meet the energy requirement of the campus.

- Three Roof top solar power plants of total capacity of 550 KWp (against the sanctioned demand of 1100 KW) are installed in our campus.
- Biogas plant is also installed in our campus











### **BIOGAS PLANT**



#### FEEDING WASTE TO BIOGAS PLANT



