



RV Educational Institutions[®]
NMKRV College for Women[®]

Autonomous
Institution Affiliated
to Bengaluru
University

Recognised by UGC as
College with Potential
for Excellence.
Accredited by NAAC
with 'A' Grade

AQAR

2020-21

CRITERIA – VII : Institutional Values and Best Practices

7.1 – Institutional Values and Social Responsibilities

Alternate Sources of Energy

Solar Plant – Bills , PHOTOS

Energy Conservation Measures

LED Bulbs –GEOTAGGED PHOTOS

Go, Change the World

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Total Power Conditioners Pvt Ltd., No.522, Vijaya Building Material 10th Main, 4th Cross, 4th Phase, Peenya Industrial Area, Bangalore - 560058. Ph. No. 9620230921 GSTIN/UIN: 29AABCT2992G1Z1 State Name : Karnataka, Code : 29 E-Mail : sales@tpc-india.com, accounts@tpc-india.com	Invoice No. GST 522	Dated 8-Mar-2021
	Delivery Note	Mode/Terms of Payment IMMEDIATE
Buyer The Principal NMKRV Degree College Jayanagar 3rd Block, Bangalore PH-9611135174 GSTIN/UIN : 29AAATR0758A1ZP State Name : Karnataka, Code : 29	Supplier's Ref.	Other Reference(s)
	Buyer's Order No.	Dated
	Despatch Document No.	Delivery Note Date
	Despatched through BY ROAD	Destination BANGLAORE
Terms of Delivery		

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	12V, 150AH Tubular Battery	8507	8 No	9,300.00	No		74,400.00
	OUTPUT SGST @ 14%				14 %		10,416.00
	OUTPUT CGST @ 14%				14 %		10,416.00
Total			8 No				₹ 95,232.00

Amount Chargeable (in words) E. & O.E

Rupees Ninety Five Thousand Two Hundred Thirty Two Only

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8507	74,400.00	14%	10,416.00	14%	10,416.00	20,832.00
Total	74,400.00		10,416.00		10,416.00	20,832.00

Tax Amount (in words) : **Rupees Twenty Thousand Eight Hundred Thirty Two Only**

Company's PAN : **AABCT2992G**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
 Bank Name : **SBI CC A/C NO.31221504950**
 A/c No. : **31221504950**
 Branch & IFS Code : **SME PEENYA 2ND STAGE & SBIN0006506**
for Total Power Conditioners Pvt Ltd.,

Authorized Signatory

This is a Computer Generated Invoice



TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Total Power Conditioners Pvt Ltd., No.522, Vijaya Building Material 10th Main, 4th Cross, 4th Phase, Peenya Industrial Area, Bangalore - 560058. Ph. No. 9620230921 GSTIN/UIN: 29AABCT2992G1Z1 State Name : Karnataka, Code : 29 E-Mail : sales@tpc-india.com, accounts@tpc-india.com Buyer The Principal NMKRV Degree College Jayanagar 3rd Block, Bangalore PH-9611135174 GSTIN/UIN : 29AAATR0758A1ZP State Name : Karnataka, Code : 29	Invoice No.	e-Way Bill No.	Dated
	GST 521		8-Mar-2021
	Delivery Note		Mode/Terms of Payment
			IMMEDIATE
	Supplier's Ref.		Other Reference(s)
	Buyer's Order No.		Dated
	Despatch Document No.		Delivery Note Date
	Despatched through		Destination
BY ROAD		BANGALORE	
Terms of Delivery			

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	Solar Charger For 5/96V MPPT PCU Sl. No. 2K1651 Warranty One Year	85	1 No	59,000.00	No		59,000.00
				2.50 %			1,475.00
				2.50 %			1,475.00
Total			1 No				₹ 61,950.00

Amount Chargeable (in words) **Rupees Sixty One Thousand Nine Hundred Fifty Only** E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
85	59,000.00	2.50%	1,475.00	2.50%	1,475.00	2,950.00
Total	59,000.00		1,475.00		1,475.00	2,950.00

Tax Amount (in words) : **Rupees Two Thousand Nine Hundred Fifty Only**

Company's PAN : **AABCT2992G**

Company's Bank Details
 Bank Name : **SBI CC A/C NO.31221504950**
 A/c No. : **31221504950**
 Branch & IFS Code : **SME PEENYA 2ND STAGE & SBIN0006506**
 for Total Power Conditioners Pvt Ltd.,

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Authorized Signatory

This is a Computer Generated Invoice





INSTALLATION / SERVICE REPORT

No. **16073**

Customer's Name & Address

N.H.K.R.V
Degree College
Jayanagar
Bangalore

Complaint Date :

Attended Date : 8/3/21

Attended by : recharan

Installation Date :

Phone Number :

Contact Number :

Dealer :

Model Capacity

5kVA/95V

Sl. No. SPCU OF M

ONLINE UPS/INV/SPCU/SCVS/AMC/WIW/WOW

Nature of Complaint Recorded

210-2K1651

Attended Complaint

SPCU Installation

SPCU Inverter
Installed

Installation Details

Battery

UPS Status

Vac

Phase to Neutral Voltage

235V

Charging Voltage

114V

I/P Voltage

235V

Phase to Earth Voltage

3V

Charging Current

20A

O/P Voltage (m)

230V

Earth to Neutral Voltage

238V

Water Level

✓

O/P Voltage (l)

220

Total Load (VA)

3A

If any Reverse Voltage Feeding

Components used

Remarks

Solar pccu is working in good
condition

Customer Signature

Engineer Signature

Customer must give the remarks against Service

All Parameter must be entered.



®

NMKRV COLLEGE FOR WOMEN

#45/1, 22nd Cross, III Block, Jayanagar

Bangalore-560011

Phone: 080-26637042

Mail: nmkrv@rvei.edu.in

Fax : 080-22440116

Ref.No:

Date : 01/03/2021

From,

Thejas J

Campus Engineer

NMKRV College for women

To,

THE PRINCIPAL

NMKRV College for women

Jayanagar

Respected mam,

Sub: Replacement of Solar Batteries and Inverter.

With reference to the above, the Solar Plant in the campus is not giving back up as the batteries are in dead condition, the solar backup is for Biotech Department in the third floor . After all the discussions with **TPC engineer** and **Facilities manager**, it is decided that instead of 16 batteries, it is enough to install 8 batteries of 150 AH. The service Engineer from TPC has inspected the solar plant and suggested for inverter replacement. Hence, I herewith forwarding the quotation received from Vendor (Total Power Conditioners).

This is for your kind information and further approvals.

Thanking You,

Refm: 1065/20-21.

Forwarded to The Hon-Secretary,
RSS Trust, Bangalore for kind
consideration and necessary approval

With Regards

Thejas

CAMPUS ENGINEER
N.M.K.R.V. College for Women
Jayanagar 3rd Block,
Bangalore-560 011.

11/3/21
PRINCIPAL

N.M.K.R.V. College for Women
3rd Block, Jayanagar, BANGALORE - 560 011

1/3/2021

QUOTATION

26-02-2021

TO,

The Principal
N M K R V College
RV EDUCATION TRUST
JAYANAGARA BANGALORE

Sub: - Your requirement SOLAR UPS & BATTERIES WITH BUY-BACK

With reference to the above requirement, accordingly we are pleased to offer our best price proposal as detailed.

SL No.	Item Description	Qty	Unit Price (Rs)	Price (Rs)
1.	5KVA/96V DC OFF-GRID SOLAR PCU with Built-in MPPT Solar charger 50A Make : TPC	01Nos	59,000/-	59,000/-
			<u>GST@5%</u>	2,950/-
			TOTAL 1	61,950/-
	b) Battery Make : TPC Capacity : 150AH Type ; TUBULAR FOR SOLAR	08 No.s	9,300/-	74,400/-
			<u>GST@28%</u>	20,832/-
			TOTAL 2	95,232/-
	c) LESS BUY-BACK OF OLD BATTERIES	16 No.s	1,750/-	28,000/-
	d) BUY-BACK OF OLD SOLAR UPS	01 No.	6,000/-	6,000/-
			TOTAL 1 & 2	1,57,182/-
			LESS BUY-BACK	34,000/-
			FINAL TOTAL	1,23,182/-

We are sure our proposal is to your requirement and approval.

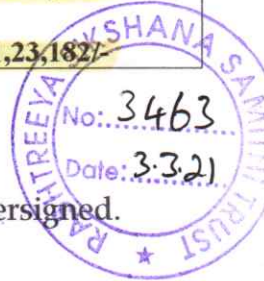
We look forward to receive your valued order.

For any further clarification or information on our proposal kindly contact the undersigned.

Thanking you and Assuring you of our best services at all the times



Submitted for approval
As per the discussion with registrar - DSST & with Jaypaul Sir, vendor has given the modified requirement for SOLAR UPS in NMKRV campus BIOTECH NOLDA D. Bangalore.



#522, 2nd floor, 20th Main Cross, 4th Phase, Peenya Indl. Area, Bangalore - 560 058.

t: 43747996, 9620230921 E-mail : sales@tpc-india.com website : www.tpc-india.com

Approved
03/03

per
2/3/21



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DEPARTMENT OF BIOTECHNOLOGY

10.2.2021

To
The Principal
NMKRV College for women
Bangalore

Respected Madam

Subject: Repair and maintenance of Solar power plant

A 5kW Solar Power plant was installed in the college 10 years ago. The power generated was used for lighting the Biotechnology Department and all the classrooms on the 3rd floor.

There was no power problem in the Department for the past 10 years, however now due to technical issues the solar plant is not in working condition, and needs repair and maintenance. Further it is very important for the institution to have such alternate energy sources as Green initiatives in the college, as it is one of the assessment parameters by NAAC and other accreditation agencies.

Hence, I request you to get the Solar power plant repaired at the earliest.

Thank You. Regards

Suman Prasad
Head
Department of Biotechnology

*Forwarded to The Hon. Secretary, RSS Trust, Bangalore
for kind consideration and needful action*

10/2/2021

29/5/10/21
PRINCIPAL
N.M.K.R.V. College for Women
3rd Block, Jayanagar, BANGALORE - 560 011

To,
Hon. Secratery
RV Group of Institutions,
Jayanagar, Bengaluru - 560011.

Date : 30/01/2021

Sub :- Statement for Battery Replacement - NMKRV Degree College - Biotech Department 5 KW Solar Power Plant

Dear Sir,

Please see the below comparison statement for Battery Replacement to NMKRV Degree College - Biotech Department 5 KW Solar Power Plant.

SL NO	DESCRIPTION	Deepa Solar Systems Private Limited			DESCRIPTION	Sun Tech Industries			DESCRIPTION	Battery Mark				
		QTY	UNIT PRICE	TOTAL PRICE		QTY	UNIT PRICE	TOTAL PRICE		QTY	UNIT PRICE	TOTAL PRICE		
1	Exide Solar Tubular 12V/150Ah (5 Years warranty)	16	15800	252800	Meru 12V150AH @ C10, Tall Tubular 60 moths warranty	16	17500	280000	12V, 150AH 6LMS 150 Tubular battery C 10 Rating Exide make with 60 months warranty	16	11719	187500		
	GST 28 %			70784	GST 28 %			78400	GST 28 %			52500		
	Total (A)			323584	Total			358400	Total			240000		
	Transportation & Reinstallation charge			6000	Transportation & Reinstallation charge			3000	Transportation & Reinstallation charge			0		
	GST 18%			1080	GST 18%			0	GST 18%			0		
	Total (B)			7080	Total (B)			3000	Total (B)			0		
	Total (A+B)			330664	Total (A+B)			361400	Total (A+B)			240000		
	Rebate for old Battery		16	1200	19200	Rebate for old Battery		16	1000	16000	Rebate for old Battery		16	2000
Amount to Pay			311464	Amount to Pay			345400	Amount to Pay			208000			
L2					L3					L1				
Terms & Condition:- As per the quotation.					Terms & Condition:- As per the quotation.					Terms & Condition:- As per the quotation.				

Note:- At present the invertor status is OFF as all the batteries are dead. Invertor status can be analyzed only after batteries are replaced.

Thanking You

Chandrashekar.P
(CHANDRASHEKAR.P)

MANAGER - FACILITIES
RASHTREEYA SIKSHANA SAMITHI TRUST
JAYANAGAR, BANGALORE-11

*Registration
Speak to me
30/01*

Date: 21/01/2021

From,
Thejas J
Campus Engineer
NMKRV College for Women



To,

THE PRINCIPAL

NMKRV College for Women
Jayanagar

Respected madam,

Subject: **Replacement of Batteries of Solar System in the Campus.**

With reference to the above subject, as the solar system is not giving backup, the solar backup is for Biotech department in the third floor. The service engineer from **Deepa Solar** has checked the solar and it is said to be batteries are dead. Hence the Batteries has to be replaced to utilize the Solar Backup. I have also discussed this issue with the **Facilities Manager** and was said to get the quotation. I here-with forwarding *& installed* the quotation received from the vendor. *Solar systems was purchased, 10yrs back.*

Note : At present the invertor status is OFF as all the batteries are dead. Invertor status can be analyzed only after batteries are replaced.

This is for your kind information and further approvals.

Thanking You

note:- Always try to attach last service details for our reference Also the invoice details for reference.

Ref.No.1002/2020-21

*Forwarded to The Hon.Secretary,
RSS Trust, Bangalore for kind
consideration and necessary approval.*

With Regards

Thejas J

CAMPUS ENGINEER
NMKRV College for Women
Jayanagar 3rd Block,
Bangalore-560 011.

*plz
30/1/21*

22/1/2021

sqj 22/1/21
PRINCIPAL

N.M.K.R.V. College for Women
3rd Block, Jayanagar, BANGALORE - 560 011

20/1/21
[Signature]



NMKRV COLLEGE FOR WOMEN

(Autonomous Institution)

Jayanagar 3rd block, Bengaluru - 560011

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21.01.2021

To
The Engineer
NMKRV College for Women

Through
The Principal
NMKRV College for Women
Bengaluru

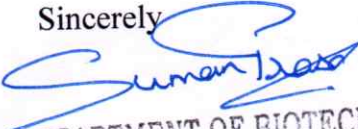
Respected Madam,

Sub: Requisition for repair of solar power plant

The Instrumentation laboratory of Biotechnology department is powered by solar electricity. There are many instruments in the lab that require UPS for continuous operation. Since the lab was supplied with solar electricity, we had not procured the UPS. But, now there is no electric supply from the solar power plant. So I request you to kindly fix the issue.

Thank you

Sincerely


HEAD, DEPARTMENT OF BIOTECHNOLOGY
NMKRV COLLEGE FOR WOMEN (AUTONOMOUS)
JAYANAGAR, BENGALURU - 560 011.

*checked,
pse*



Ref: DSSPL/SW/180121

Date : 18th Jan 2021

To,

The Principal

NMKRV Degree College

Jayanagar, Bangalore

Kind Attention :Mr. Thejas.J

Dear Sir,

Sub: QUOTATION FOR REPLACEMENT OF BATTERIES FOR 5KW SOLAR POWER PLANT

We at Deepa Solar Systems Pvt Ltd Bangalore, is an ISO 9001:2015 ISO- 9001; 2015 , ISO-3166,OHSAS 18001:2007 ,ISO-14001:2015, & ISO-50001:2011 certificates Company,

We here with submitting the above proposal based on your technical specification as per your requirement. The complete technical specification with commercial offer is been attached for your kind perusal.

- 1. Commercial Proposal**
- 2. Details Technical Data as per the above proposal**

Provides PROMPT SERVICE AFTER SALES.

Thanking you and assuring you of our best services at all times.

With Regards

For Deepa solar System Pvt Ltd,

Prashanth K J

Manager Business Development

info@deepasolar.com

www.deepasolar.com



QUOTATION FOR REPLACEMENT OF BATTERIES FOR 5KW SOLAR POWER PLANT

Description	Price
Exide Solar Tubular 12V/150Ah	15,800/per battery
Total 16 No's.	2,52,800
GST 28%	70,784
Transportation and Reinstallation charges	6,000
GST 18%	1,080
Total	3,30,664
Buy Back per battery Rs1,200 X16	19,200
Grand Total Payable	3,11,464
In Words : Rupees Three Lakhs Eleven thousand four hundred and sixty four only	

Checked per

Please Note: At present inverter status is OFF, because all the batteries have dead. Inverter status can be analyzed only after the battery is replaced, if any parts to be replaced in the inverter, we will share you the quote later.

GENERAL TERMS AND CONDITIONS:

- **Validity of offer:** Prices quoted are firm and generally valid for 30 days from the date of offer. Any deduction or addition in proposed quantity is subject to written confirmation mutually from both the sides .
- **Delivery:** Generally 1 to 2 weeks from the date of receipt of technically and commercially clear order , in your case the delivery of the materials will be done within 20 days from the date of order confirmation with advance .
- **Transportation and Installation Charges:** At actuals ,
- **Payment terms:** 100 % advance against confirmed purchase order.
- **Warranty :** 5 years for the batteries



ISO 9001 : 2008 CERTIFIED COMPANY

SUN TECH INDUSTRIES

SUN TECH SOLAR WATER HEATER

320, 17th Cross, 26th Main, J.P. Nagar 6th Phase, Bangalore - 560 078.

E-mail : ramachandrasuntech@yahoo.com www.suntechsolar.co.in

Phone : 080-26531366, 26533655 Fax : 080-42049549



Ref. :

Date :

15.01.2021

To,
M/s. NMKRV Degree College
Jayanagar, 3rd Block,
Bangalore

Kind Attn: Mr. Tejas

Dear Sir,

As per our site visit and as per our discussion with you please find our competitive price for supply and installation of 12V 150 Ah at the rate of C10 tall tubular batteries.

SL NO	PARTICULARS	RATE	QTY	Total Amount
A	MERU 12V150AH @ C10 ,TALL TUBULAR	17,500/-	16 NOS	2,80,000/-
	GST @ 28%			78,400/-
	TRANSPORTATION , UNLOADING ,INSTALLATION WITH MATERIALS			3,000/-
	<u>Grand Total</u>			3,61,400/-

(Rupees Three Lakh Sixty One Thousand Four Hundred only)

NOTE:

- Due to Batteries warranty is closed and drained we need to replace the batteries since its been installed 6years back
Kindly confirm us to replace the same,
- Roof Top Pannel will be given free service.

BATTERY MARK**EXIDE**

no 6 karnic road, Vanivilas Road,Basavanagudi, Bangalore-560 004

Ph.:22426266, 26678788, Fax:080-22426266, Mob.:9845720190

GSTIN : 29AFMPR6790K1ZE

To: THE PRINCIPAL NMKRV DEGREE COLLEGE JAYANAGAR BANGALORE**attention:** MR:CHANDRASHEKAR**Ref:****Date:** 20.01.2021

Sl. No		RATE	QTY.	TOTAL
1	12V,150AH 6LMS 150 TUBULAR BATTERY C 10 RATING EXIDE MAKE WITH 36 MONTHS WARRANTY	13,800	16	220,800
2	12V,150AH 6LMS 150L TUBULAR BATTERY, C 10 RATING, EXIDE MAKE WITH 60 MONTHS WARRANTY	15000	16	240,000
	BUY BACK FOR OLD BATTERIES RS 2000/- (EACH)	2,000	16	32,000

INCLUDING GST

TERMS & CONDITIONS**1) Warranty: Terms & Conditions apply as per Warranty Card**

2)The above rate is net, inclusive of all taxes .

3)Packing, forwarding and freight will be extra for out station dispatches.

4)TERMS OF DELIVERY: from ready stocks/within ...days.....

5)TERMS OF PAYMENT: Full payment **against Delivery**/within ...IMMEDIATE.....days.**Note : This Quotation is Valid for 30 days.**

Checked.
PES



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CRITERIA – VII : Institutional Values and Best Practices

7.1 – Institutional Values and Social Responsibilities

Alternate Sources of Energy

Solar Plant

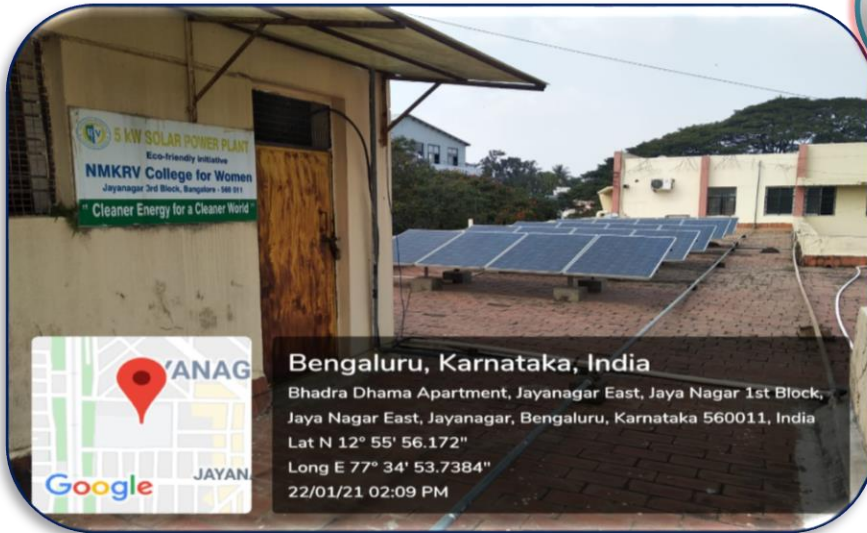
Energy Conservation Measures

LED Bulbs

Go, Change the World

Solar Plant

SOLAR
PANEL



SOLAR
PANEL

SOLAR PANELS



BATTERY
ROOM



BATTERY ROOM

LED BULBS

