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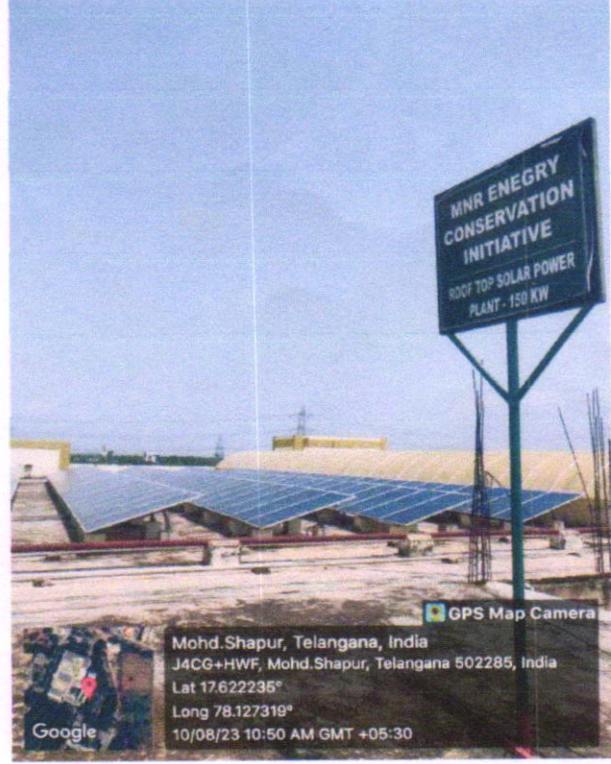


MNR MEDICAL COLLEGE & HOSPITAL

MNR Nagar, Fasalwadi, Sangareddy - 502 294, Sangareddy Dist. Telangana. India

Ph: + 85000 56667, (08455) 230523, 230527, 230524 Fax No. (08455) - 230555, 230533

e-mail : mnrmc@mnrindia.org; website : www. mnrindia.org



SOLAR PANEL

Chandra
IQAC
Chairperson
Internal Quality Assurance Cell (IQAC)
MNR MEDICAL COLLEGE AND HOSPITAL
SANGAREDDY
MNR Medical College & Hospital

[Signature]
MNR MEDICAL COLLEGE & HOSPITAL
PRINCIPAL
FASALWADI, SANGAREDDY-502294
MNR MEDICAL COLLEGE AND HOSPITAL
SANGAREDDY



FOURTH PARTNER ENERGY PVT.LTD

Reg Office; 704 Krishna Apartments, Tilak Road, Abids, Hyderabad - 500 001, India
 Factory: 4-7-19/45, Raghavendra Nagar, Nacharam, Hyderabad - 500 076, India
 T: +91-40-64631123 | E-mail: info@fourthpartner.co | Website: www.fourthpartner.co
 CIN No: U40108AP2010PTC070806

Installation Report

Customer Name:	MNR medical college	Contact Person:	
Site ID:		Designation:	
Place/ State:		Mobile No:	
Site Name & Address:	MNR medical college Fasalwadi, Sangareddy, medak District, Telangana	Plant installation details	
		Commenced :	
		Completed :	
		Executed by :	
Work Order Details			
Tender / Work Oder / PO NO:		Dated :	
Plant Drawing no :		Dated :	
Civil Working			
Payout approved by Custmer : Yes / No		Name & MOB No:	
No of Pedastals as per Drawing :		Constructed count :	
LT Panel and Inverter Placed as per Approved Drawing : Yes / NO			
Plant Capacity :	153KW	No of Inverters :	05
		NO of LT Panels :	2
LT Panel 1 Rating :		Size :	
		Inverters :	27KW
		Rating :	
LT Panel 2 Rating :		Size :	
		Inverters :	
		Rating :	
Customer Tapping Type :	Bus Bar/ MCB	MCB Rating :	2
Equipment Details			
Inverter Make :	Fronius	Models :	Fronius EC-21.0-3-S
Serial Numbers :	1 27021063	2	27042191
	3 27042192	4	26513320
		5	27042193
Module Details			
Make :		Module Rating :	300W
Modules / String :	20	NO of Strings / Inverter :	05
NO of Modules used for Plant :	510		
Fixing hole Dimensions :		Get these from sticker	VOC: 44.7V ISC: 9.09A VMP: 35.4V IMP: 8.46A
String Voltages Inverter wise:		Inverter 1	820 823 815 820
Inverter 2	800 810 800 815 810	Inverter 3	835 830 829 835
Inverter 4	820 823 820 819 822	Inverter 5	823 820 821 822
String Current Inverter wise:		Inverter 1	
Inverter 2		Inverter 3	
Inverter 4		Inverter 5	
Earthing Readings		Communication Arrangements : Router / LAN	
Earth Pit 1 Resistance		Reading	Unit
		Inverter No.1	Sending Data / Not sending
Earth Pit 2 Resistance		Inverter No.2	Sending Data / Not sending
Insulation test on DC side		Inverter No.3	Sending Data / Not sending
Insulation test on AC side		Inverter No.4	Sending Data / Not sending
		Inverter No.5	Sending Data / Not sending

819
829
823

[Signature]
Chairperson
 Internal Quality Assurance Cell (IQAC)
 MNR Medical College & Hospital

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 FASALWADI, SANGAREDDY-502294

Lighting Arrestors			
Lighting Arrestors Make :		Model :	
Specifications :			
Cables			
Cable used for AC Connectivity - Inverter to LT Panel :			
DC Cable :			
Communication Cable Make & Type :			
General Checks			
Layout as per approved Drg	✓	Lugging check	✓
Cable ducting	✓	Cable ties are proper	✓
Router Make	✓	Dongle Make	✓
Mobile No used in dongle	✓	Net Meetering Status	✓
O&M Manual to Customer ?	✓	Excess Material if any ?	✓
FPEPL Engr.Name T. Sumasanth Kumar Reddy			
Emp Code: F057			
Contact No : 8985959856			
<i>T. Sumasanth Kumar Reddy</i> 21/11/16			
Project Engineer		Customer	
REMARKS:			
Note : Any physical damage identified should intimate to Project Manager and Vendor immediately. Need to provide photograph of the damaged one.			

[Signature]
Internal Quality Assurance Cell (IQA)
MNR Medical College & Hospital

[Signature]
PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-502294



MNR Educational Trust

2-23 B / 350, Bhagyanagar (Phase III), Near HMT Hills Colony

Opp : JNTU Kukatpally, Hyderabad – 500 085, Telangana, India

Ph: +91-40 - 23890835, 23899795, Fax : +91-40 -23897380

E-mail : info@mnrindia.org

Website: www.mnrindia.org

Date: 20th February, 2016

To
M/S. Fourth Partner Energy Private Limited
4-7-19/45, Raghavendra Nagar,
Nacharam, Hyderabad – 500076,
Telangana State.

Dear Sir,

Sub: Purchase order for 153 KWp Grid Connected solar power plant – Reg.

With reference to proposal submitted by you (Enclosed as Annexure-1 to this purchase order), we are pleased to place order for supply and installation of 153 KWp roof top solar power plant at MNR Medical College Campus, Sangareddy, Medak District subject to the terms and conditions given below.

Kindly do the needful.

Thanking You,

Yours faithfully,

N. Phaw

Purchase Manager

Terms & Conditions:

1. The cost of the above project (Commissioning of 153 KWp roof top Grid Connected Solar System) shall be Rs. 61,20,000/- (Indian Rupees Sixty One Lakhs Twenty Thousand only) that includes the following:-
 - a. Cost of all materials
 - b. All applicable taxes
 - c. Transportation
 - d. Civil works (including material)
 - e. Commissioning / Installation and Testing
 - f. Costs involved in obtaining license / approvals from Ministry of New and Renewable Energy, Government of India and TNREDCL, Government of Telangana and other statutory Government Agencies.
 - g. Completion of the entire project on turnkey basis and hand over the power production plant to us by 3rd April 2016.
2. No other additional cost shall apply to us.

MP
PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL
SANGAREDDY-502294

[Signature]
Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital

[Signature]
20/2/16

3. In case of delay in commissioning the complete project and delay in power generation beyond 3rd April 2016, we shall deduct an amount of 1% (one percent) of the total project cost (i.e. Rs.61,200/-) per week of delay beyond 3rd April 2016 from your final payments.
4. Payment Terms:
 - a. 5% of the Net Order amount i.e. Rs.3,06,000/- (Rupees: Three lakhs Six Thousand only) is paid as advance along with this PO through cheque No. _____ dated _____ drawn on _____ Bank.
 - b. 10% of the Net Order amount i.e. Rs. 6,12,000/- (Rupees: Six Lakhs Twelve Thousand only) shall be paid after in principle approval of the project by MNRE/TNREDCL.
 - c. 50% of Net Order amount Rs. 30,60,000/- (Thirty Lakhs Sixty Thousand only) shall be paid after delivery of all the solar plant equipment.
 - d. 35% of the Net Order amount Rs.21,42,000/- (Rupees: Twenty One Lakhs Forty Two Thousand only) shall be paid after installation / commissioning and production of solar power and final completion of the entire project.
5. The MNRE/TNREDCL subsidy will be transferred to your company (M/s Fourth Partner) immediately after receipt of the same by MNR. Fourth Partner shall provide all necessary documents and technical assistance to claim subsidy.
6. Warranty:
 - a. Power output shall be a minimum of 200,000 (Two Lakhs) units per annum in the 1st year of operation.
 - b. There shall be a drop of 1% (one percent) in the power output (mentioned in 6a above) from the 2nd year to 25th year provided the AMC is given to M/s Fourth Partner Energy Private Limited at the rate of Rs.1,00,000/- (One Lakh) per annum with an increase of 5% per year.
 - c. 25 (twenty five) years Warranty on Solar PV Modules and Workmanship.
 - d. 5 Years warranty on other parts of solar power plant against any manufacturing defects.
7. Billing and Shipping Address is as follows: MNR Medical College, MNR Nagar, Fasalwadi, Sangareddy - 502294, Telangana.
8. In case of any contradiction, terms & conditions mentioned in this purchase order shall be final and binding.

Enclosed:-

- Annexure -1: Proposal submitted by you.
- Annexure -2: Bill of quantities
- Annexure- 3: Detailed Scope of Work

MP
PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-502294

N. Phani

Received for
20/2/16
Haris

Approved
Shrinidhi
Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital
20/2/16

L.A.O
A: 15.2.16
Cancelled



FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office: 704, Krishna Apartments, Tilak Road, Abids, Hyderabad- 500001, India

Factory: 4-7-19/46, Baghavendra Nagar, Necharam, Hyderabad- 500076

T: +91-40-66631123 | Email: info@fourthpartner.co | website: www.fourthpartner.co

CIN NO: U40108AP2010PTC070806

DELIVERY CHALLAN

Deliver To,
MNR Medical College,
Fasalwadi, Sangareddy,
Medak District,
Telangana.

DC No: FPEPL/118/15-16

Dated: 20/02/2016

Buyers Order No: Letter

Dated: 20/02/2016

Sr No	Description of Goods	Quantity
	Renewable Energy Systems & Spare Parts	Nos
1 ✓	153KW Module Mounting Structure	1nos
2 ✓	MC4 Connectors	70sets
3	300mm Cable ties	40pckts
4	✓ 16Sqmm Al Rt Lugs	20 nos
	✓ 6sqmm Cu Rt Lugs	15 nos
5	✓ Name Plate and Danger Boards 6+6	6each
6	PVC Tapes	6nos
7	Diink-Router ✓	1nos
8	L&T Bends	50nos
9	Base Saddles	200nos
10	Insulators and Hardware	50set
11	27KW Solar Inverter-Fronius	5nos
12	Sensor (New Version)	1nos
13	LT Panel	1nos
14	✓ Earth Chamber Covers	5nos
15	25X6 mm earth Strip	1000mtr
16	4Sqmm DC cable-Black	1000mtr
17	4Sqmm DC cable-Red	1000mtr
18	✓ C X16Sqmm Al armoured cable	300mtr
19	✓ Cat6 Lan cable	305mtr
20	✓ Cable trays	300mtr
21	Conduit Pipes	50mts
22	Hardware set consists of: M12X35-900 M10X30-2300 M6X25-2100	1set
23	Inverter Stand	5sets
24	Cable tray clamps	300nos
25	PVC Pipes	40nos
26	Nitobond	20ltr
27	Conplast X4212C	20ltr

Received in Good Condition

For FOURTH PARTNER ENERGY PRIVATE LIMITED
MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-502294

Signature

Authorised Signatory

[Handwritten Signature]
Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital





SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED
"Save Energy Save Nation"

SGR - 761

From :

The Superintending Engineer,
Operation Circle: TSSPDCL,
Sangareddy.

To :

M/s. MNR Educational Trust,
Fasalwadi (V) Sangareddy (M),
Sangareddy (Dist.).

Lr. No. SE/OP/SNG/ADE/Comml/HT/D.No. 1848 /19-20, Dt. 18-01-2020.

Sir,

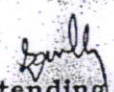
Sub: TSSPDCL- Operation Circle Sangareddy - Acceptance of HT Agreement for estimate for an addl. 225KVA CMD with connected load of 150HP to the existing 225KVA CMD with connected load of 650HP totaling to 450KVA CMD with connected load of 800HP under HT Cat-II at 11KV supply to M/s.MNR Educational Trust, SGR-761 at Fasalwadi (V), Sangareddy Town-I Section, Sangareddy Sub-Division & Division of Sangareddy Circle. - HT Agreement concluded- Reg.

Ref.: Sanction Memo.No.SE/OP/SRD/ADE/Comml/F.No.HT/D.No.378/19-20, Dt.12.06.19.

The HT Agreement for the subject cited is accepted on Dt. 18.01.2020.

A copy of the same is enclosed for your reference. You are requested to contact the Divisional Engineer/ Operation / Sangareddy.

Encl.: Copy of Agreement.


Superintending Engineer
Operation Circle: TSSPDCL
Sangareddy

Copy to: The Senior Accounts Officer / Circle Office/ Sangareddy.

Encl.: HT Agreement in Original.


Copy to: the Divisional Engineer / Operation / Sangareddy.

Encl.: Copy of Agreement.

Copy to: the Asst. Divisional Engineer / Operation / Sangareddy.

Encl.: Copy of Agreement.


Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital

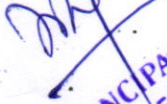

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MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-502294

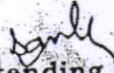
SALIENT FEATURES TO BE ACCOMPANIED TO H. T. AGREEMENT

Sc. No. SGR - 761

- 1 Name of the consumer with Location : M/s. MNR Educational Trust, Fasalwadi (V) Sangareddy Town-I Section,
 - 2 Sanction Reference : Memo.No.SE/OP/SRD/ADE/Comml/F.No.HT/D, No.378/19-20, Dt.12.06.2019.
 - 3 Estimate cost : Rs. 60,503.32 (E-2019-90-01-11-01-007)
 - 4 Sanctioned CMD (Addl. load) with phased demand sanctioned load if any : Estimate for an addl. 225KVA CMD with connected load of 150HP to the existing 225KVA CMD with connected load of 650HP totaling to 450KVA CMD with connected load of 800HP under HT Cat-II at 11KV supply
 - 5 Whether converted from LT to HT If any : HT Cat-II at 11KV supply
 - 6 Power of Attorney : Authorized signatory
 - 7 Development charges (including CGST & SGST) : Rs.3,18,600/- paid vide DD No.761300, Dt.14.06.2019
 - 8 Incidental Charges (including CGST & SGST) : Rs.6,996/- paid vide DD No.761300, Dt.14.06.2019
 - 9 Material Cost (including CGST & SGST) : Nil
 - 10 Security Deposit : Rs.2,25,000/- paid vide DD No:761300, Dt.14.06.2019
 - 11 Application fee (including CGST & SGST) : Nil
- (Rs.5,50,596/- paid vide DD No.761300, Dt.14.06.2019)
- 12 Season load if any : Nil


Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital


PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-502294


Superintending Engineer
Operation Circle TSSPDCL
Sangareddy



96
 తెలంగాణ తేలంగానా **TELANGANA** 07/01/2020
 SI.No.....Date.....
 Sold to: K. Venkatarao s/o Venkat Reddy
 For Whom: M/s MNR Educational Trust, Sangareddy

P. Vijaya Lakshmi V/258074
P. VIJAYA LAKSHMI
 LICENSED STAMP VENDOR
 L.No.15-21-031/2011, R.No. 15-21-00/200
 Plot No.67, APJIC Colony, IDA Jeedimetla
 Medchal-Malkajgiri Dist, Cell:929007064

AGREEMENT FOR SUPPLY OF ELECTRICITY FOR ADDL HT LOAD

Agreement executed this 18th day of Jan year 2020 by Sri M.Ramalinga Raju Son, Raja Gopala Raju residing at 3-196, Venkata Narayana Nagar, Palangi, West Godavari, AP-534216. (hereinafter referred to as the Consumer) behalf of M/s.MNR Educational Trust, SC No: SGR761, located at Fasalwadi (V), Sangareddy Mandal, Sangareddy District., (hereinafter referred to as the Consumer) for themselves/ himself/ itself and for their/his/its/hers assigns and successors in favour of the TS Southern Power Distribution Company, a statutory corporation constituted under section 23 of the AP Electricity Reform Act, 1998 henceforth referred to as the Company.

- 1. Supply of Power**
 I/We the above mentioned have requested the Company to supply electricity at specified voltage of supply as per tariffs for the purpose of Educational Institute and the company agreed to afford such on the general terms and conditions notified by them from time to time under section 21 of the Distribution and Retail Supply License Conditions and those hereinafter mentioned.
- 2. Load/Maximum Demand**
 I/We agree to take from the company, electric power for a Maximum Load not exceeding 450 KVA CMD load (Addl 225KVA to existing 225KVA thus making a total to 450KVA CMD) under HT Cat-II at 11KV supply which shall be taken to be my/our Contracted Demand for our exclusive use for the purpose above mentioned. at our Mills/ Factory/ Premises Fasalwadi (V), Sangareddy Mandal, Sangareddy District. My/Our Contracted load shall be 800 HP (Addl 150HP to existing 650HP thus making a total to 800HP). I/We shall not effect any change in the maximum demand or Contracted load without prior intimation to the Company.

For MNR Educational Trust
 Authorised Signatory

[Signature]
Chairperson
 Internal Quality Assurance Cell (IQAC)
 MNR Medical College & Hospital

[Signature]
Superintending Engineer
 TSSPDCL, Operation Circle
 SANGAREDDY

[Signature]
 For MNR Educational Trust
Authorised Signatory

[Signature]
PRINCIPAL
 MNR MEDICAL COLLEGE & HOSPITAL
 FASALWADI, SANGAREDDY-502294

3. Resale of Electric Power

I/We undertake that I/We shall not sell electrical energy obtained under this Agreement without the sanction in writing of the Company.

4. Obligation to comply with Requirements of Act, and general Terms and Conditions of Supply

I/We further undertake to comply with all the requirements of the Electricity Act, 2003, the Rules and Regulations framed there under, provisions of the tariffs scale of Miscellaneous and General Charges and the General Terms and Conditions of Supply prescribed by the company with approval of the AP Electricity Regulatory Commission from time to time and agree not to dispute the same.

5. Date of coming into force of the Agreement

I/We shall begin/take electrical energy from the Company under the conditions of this Agreement within three months, from the date of issue of intimation in writing to me/us by the designated officer of the company that supply of electrical energy is available. The provisions of this agreement shall be deemed to come into force from the date of commencement of supply of energy or the date of expiry of three months notice above referred to, whichever is earlier.

6. Period of Agreement

I/We under take to avail supply for a minimum period of one year from the date this Agreement comes into force.

7. Determination of the Agreement

I/We shall be at liberty to determine the Agreement by giving in writing One month notice expressing such intention at any time after the period of one year. If for any reason, I/We choose the one month to derate / terminate the agreement before the expiry of the minimum one year period of the agreement, the Deration /termination will be done with effect from the date of expiry of the three months notice period or expiry of the initial one year period whichever is later. I/We agree that the company may terminate this agreement at any time giving one month notice, if, I/We violate the terms of this Agreement or the General Terms and Conditions of Supply notified by the company with the approval of the commission from time to time or the provisions of any law touching this Agreement including the Electricity Act, 2003, the rules and regulations framed there under. This Agreement shall remain in force until it is terminated as above indicated. In computing the periods of one year referred to the above period or periods for which the annual minimum guarantee has or have been waived or reduced shall be excluded.

8. Obligation of consumer to pay all charges levied by company

From the date of this agreement comes into force I/We shall be bound by and shall pay the Company Maximum Demand Charges, energy charges, surcharges, meter rents and other charges, if any, in accordance with the tariffs applicable and the General Terms and Conditions of Supply prescribed by the company from time to time for the particular class of consumer to which I/We belong.

For MNR Educational Trust
Authorised Signatory

For MNR Educational Trust
Authorised Signatory

For MNR Educational Trust
Authorised Signatory

For MNR Educational Trust
Authorised Signatory

[Signature]
Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital

[Signature]
PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-508104

[Signature]
Superintending Engineer
SPPDCL, Operation Circle
SANGAREDDY

To
The Deputy Electrical Inspector, MNR
1/1, Block 13, 13th, Hyderabad
Andhra Pradesh
500004

Sub: Submission of complaints rectification sheet
Ref: with reference to your letter LC No / MDU/1/Exceeding 650V-MDX/08/004/O No
733/2021 dated 14.06.2022.



In response to above subject matter and your letter dated 14.06.2022 we are submitting the following details:

- 1) Transformer oil was tested by an authorized agency and results are OK / value is 55 KV.
- 2) All earth pits resistance are measured periodically and we recorded the values below 2 Ohms.
- 3) All earth pits are maintained as per IS:3043-557 and covered properly, marked for identification and are treated with salt in equal proportion.
- 4) We have already fixed danger boards on every motor, generator, transformers and other electrical equipment's indicating with voltage yard and air panel boards.
- 5) We have provided suitable number marks front of all panel rooms and switch boards.
- 6) We have affixed instruction charts in English and Telugu in conspicuous places.
- 7) We have provided clear identification marks for various circuits and all distribution boards.
- 8) MV Panels in Ground Floor are covered with Gullis and double earthing. Cables are dressed properly.
- 9) We have covered all temporary wiring with PVC conduit pipes. No loose wires/cables connected to the motors.
- 10) We have grounded all the electrical apparatus with two independent earth connections and adequate size earth flat/wire are connected to two different earth bus.
- 11) Suitable earth leakage protection provided all incoming breakers.
- 12) We are having licensed Electrical Engineer for operation and maintenance of 11KV electrical sub-station.
- 13) We have provided exhaust fans for diesel generator and electrical panel rooms.
- 14) We have provide fire extinguishers in all panel rooms.
- 15) We are maintaining all the earth pits periodically as per the norms.
- 16) All panels are covered with insulation plate.
- 17) All cables are laid in cable trench only.
- 18) All earth pits are laid in underground only.
- 19) We have already provided 50ma capacity TICB's in all lighting distribution boards.

Hence, we request you to close the complaints and issue the necessary inspection order for the year 2021-22.

Kindly acknowledge the receipt of the same.

Thanking you

For MNR EDUCATIONAL TRUST

[Signature]
AUTHORIZED SIGNATORY

[Signature]
Chairperson
Incorporated Assured (Cell MNR)
MNR Medical College & Hospital

[Signature]
PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL
FASALWADI, SANGAREDDY-502204

To,
The Deputy Electrical Inspector-MDK-1
2nd Floor, 132KV GIS Substation,
Water Treatment Plant
Moosarambagh,
Hyderabad-500013

Dear Sir/ Madam,

Sub: Submission of compliance with respect to INSPECTION Dated 11/08/2022- Reg. Lr.No./MDK1/Exceeding 650V - MDK1/06/004 /D.No. 927/2022 Dated :11/08/2022

With reference to above subject matter and your inspection dated 24/08/2022 we are submitting the compliance details as follows:

- 1) Transformer Oil was tested by an authorized agency and results are BDV value is 68 KV. All earth pits resistance are measured periodically and we recorded the values is below 2 Ohms.
- 2) All earth pits are maintained as per IS: 3043-987 and covered properly, marked for identification and are treated with salt, charcoal and water.
- 3) We have already fixed danger boards on every motor, generator, transformers and other electrical equipment's indicating with voltage yard and all panel boards.
- 4) We have provided suitable rubber mats in front of all panel rooms and switch boards.
- 5) We have affixed instruction charts in English and Telugu in conspicuous places.
- 6) We have provided clear identification marks for various circuits and all distribution boards.
- 7) MV Panels in Ground Floor are covered with Grills and double earthen. Cables are dressed properly.
- 8) We have covered all temporary wiring with PVC conduit Pipes. No loose wires/cables connected to the motors.
- 9) We have provided all the electrical apparatus, with two independent earth connections and adequate size earth flat/wire are connected to two different earth bus.
- 10) Suitable earth leakage protection provided all incomer breakers.
- 11) We are having licenced Electrical Engineer for operation and maintenance of 11KV electrical sub-station.
- 12) We have provided exhaust fans for diesel generator and electrical panel rooms.
- 13) We have provide fire extinguishers in all panel rooms.
- 14) We are maintaining all the earth pits periodically as per the norms.
- 15) All panels are covered with insulation plates.
- 16) All cables are laid in cable trench only.
- 17) All earth pits are laid in underground only.
- 18) We have already provided 30ma capacity ELCBs in all lighting distribution boards.

Hence, we request you to close the complaints and issue the necessary inspection order for the year 2022-23

Kindly acknowledge the receipt of the same.


Thanking you

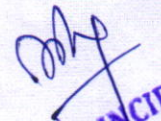
For MNR EDUCATIONAL TRUST,

AUTHORISED SIGNATORY

MNR Educational Trust

Authorised Signatory


Chairperson
Internal Quality Assurance Cell (IQAC)
MNR Medical College & Hospital


PRINCIPAL
MNR MEDICAL COLLEGE & HOSPITAL

7.1.3

(U) Sale of ...



తెలంగాణ తెలంగాణ TELANGANA

Sl.No: 15949 - 08/6/2016 Rs. 100/-

388052

Name of the Purchaser: *M.N. Raju s/o Appabalaraju*
 For Whom: *M.N.R. Educational and trust s/o Sangareddy*

HT AGREEMENT FOR NET METERING

The Agreement executed on this 9th day of August'2016, between M/s. M.N.R. Educational Trust, which means their/ his/its /theirs, successors as ONE PART herein after called as "Prosumer" and the Southern Power Distribution Company of Telangana Limited, a DISCOM incorporated under the provisions of Companies Act 1956 (which means its authorized representatives assigns, executors and its successors) as OTHER PART, herein after called the "DISCOM").

1. Installation of Solar Grid Interactive rooftop and small SPV power plant

In accordance with the policy announced by GoAP vide G.O.Ms.No.22, Dt:25.03.2013, DISCOM has introduced the scheme of "Solar Net Metering" for those consumers who intend to encourage solar green energy and set up solar PV plants at unutilized places on rooftops, waste lands, buildings of individual households, industries, offices, institutions, residential complexes etc.

2. Capacity of the SPV plant and Maximum contracted load of the premises

Prosumer is proposing to install rooftop solar power plant of 153 KW capacity under Solar net metering facility at M.N.R. Medical College Campus, Fasalwadi(V), Sangareddy(M) having electrical Service Connection No.MDK761 for a contracted load of 225 KW/HP/KVA. The Prosumer have requested DISCOM to provide grid connectivity/necessary permissions to connect rooftop solar power plant and supply solar energy into the distribution network of DISCOM at --- voltage level.

[Signature]
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3. **Governing Provisions**

Prosumer hereby undertake to comply with all the requirements of the Electricity act, 2003, the Rules and Regulations framed there under, provisions of the tariffs, applicable Charges and the General Terms and Conditions of Supply prescribed by the DISCOM with the approval of the Andhra Pradesh Electricity Regulatory Commission herein after called as "Commission" from time to time and agree not to dispute the same.

4. **Strategy of implementation**

Implementation of net metering facility will be as per the following guidelines:

i Under this facility, Prosumer will generate solar power for self consumption and feed excess power into DISCOM network.

i Net metering is the concept, which records net energy between export of generated energy and import of DISCOM energy for a billing month. Alternatively, the meter, having the feature of recording both the import and export values, besides other parameters notified by CEA metering regulations and TRANSCO/DISCOM procedures in vogue, shall also be allowed for arriving net energy for the billing period.

4.1. **Settlement of energy charges**

The Prosumer shall pay for the net energy in a billing month as per applicable retail supply tariff decided by regulatory commission to the concerned DISCOM, if the supplied energy by the DISCOM is more than the injected energy by the solar PV sources of the Prosumer(s). Any excess/ surplus energy injected in to DISCOM network in a billing month will be paid at APERC pooled cost that may be decided year on year. Energy settlement will be done in half yearly basis. Payment of pooled cost will be effective from date of establishment of plant to 7 years in accordance with the Govt. Policy.

4.1.1. Any modification/ amendment in the Policy and change in law would be made applicable and corresponding amendment(s) will be made in the agreement from time to time with the approval of APERC.

4.2. **Safety, Security & Insurance**

The Prosumer is required to provide an appropriate protection system on their incoming side/ consumer premises with the feature of "Islanding the SPV Generator" when incoming supply fails or any interruption on the connected line due to failure of equipment/line or Line Clear taken for carrying any maintenance work. As a part of security check, the feature of 'Islanding the SPV generator" shall have to be checked up for its healthiness twice in a year In order to meet the expenditure that may arise due to electrocution in the event of failure of the connected protective and switch gear, the Prosumer is required to provide an insurance coverage of 5,00,000 per annum.

4.3. Metering Arrangement

The Prosumer shall bear the entire cost of metering arrangement provided including its accessories. The installation of meters including CTs & PTs, wherever applicable, shall be carried out as per the departmental procedures in vogue with prior permission of DISCOMs. Alternatively, DISCOM will provide the metering arrangement at the Prosumer premises after receipt of entire estimated cost from the Prosumer.

4.4. Request for Connectivity

The Prosumer will submit the required information in the prescribed format to the DISCOM and get the proper acknowledgement and shall also provide related interconnection equipment as per the DISCOM's technical requirements, including safety and performance standard & To prevent a net metering prosumer from back-feeding a de-energized line, the Prosumer shall install an isolator switch that is accessible to Company personnel at all hours.

The Customer shall not commence parallel operation of the net metering facility until the Customer has received approval to operate from the competent authority of DISCOM.

Modifications or changes made to a Generator shall be evaluated by the DISCOM prior to modifications/changes. The Prosumer shall provide detailed information describing the modifications or changes to the DISCOM in writing prior to making the modification to the generating facility. The DISCOM shall review the proposed changes to the generating facility and provide the results of its evaluation to the Prosumer within forty- five (45) calendar days of receipt of the Customer's proposal. Any items that would prevent parallel operation due to violation of applicable safety standards and/or power generation limits shall be explained along with a description of the modifications necessary to remedy the violations.

4.5. Standards for Solar panels

The Solar PV panels proposed to be installed shall meet the requirements of Indian as well as IEC standard & Further, the documentary evidence proving the prescribed standards has to be furnished by Prosumer to the concerned authority (ADE/Operation) of the DISCOM before commencing the plant into operation. The Prosumer shall get the statutory approvals for more than 10KW from appropriate safety authority (CEIG) of the connected electrical equipment and solar panels before plant energization. For below 10KW a 30days notice of his intention to commission the plant to the supplier as well as to the concerned inspector (CEIG).

5. Injection of Solar Power

The Solar power produced shall be injected in to the DISCOM network only after obtaining prior approval from _____/TSSPDCL and meeting all the requirements of the DISCOM.
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SANGAREDDY-502294

of departmental standards, viz., protection switchgear, metering, feasibility approval etc.

6. **Date of enforceability of the Agreement**

This agreement will be in a force for a period of 20 years from the date of commencement of this agreement, after meeting all the requirements by the Prosumer under the conditions of this Agreement and in accordance with the policy on Solar net metering and its future amendments, if any

7. **Interruption or Reduction of delivery**

The DISCOM shall not be obligated to accept and may require Prosumer to interrupt or reduce deliveries when necessary in order to construct, install, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or if it reasonably determines that curtailment, interruption, or reduction is necessary because of emergencies, forced outages or compliance with prudent electrical practice & Whenever possible, the DISCOM shall give the Prosumer reasonable notice of the possibility that interruption or reduction of deliveries may be required.

8. **Access to premises**

The DISCOM's personal may enter the Prosumer's premises to inspect the Prosumer's protective devices and read or test the meter.

9. **Dispute Resolution**

If at any time the DISCOM reasonably determines that either the Prosumer may endanger the DISCOM's personnel or other persons or property, or the continued operation of the Prosumer's generator may endanger the integrity or safety of the DISCOM's electric system, or the Prosumer is not operating the system in compliance with the terms and conditions of this agreement the DISCOM shall have the right to disconnect and lock out the SPV Generator facility from the Company's electric system until the DISCOM is reasonably satisfied that the SPV Generator can operate in a safe and compliant manner.

Any other dispute arising under/out of this agreement shall be resolved promptly in good faith and in an equitable manner by both the parties. Failing resolution of the dispute, party may approach the commission under section 86 (1) (f) of EA2003.

10. **Termination of the Agreement**

The agreement will be terminated only after its completion period until all the safety standards are adhered to. The DISCOM has the right to terminate the agreement on breaching of any of the rules agreed upon with one month notice. If Prosumer intends to pre close or terminate the agreement, Prosumer may do so with 1 (one) month prior notice.

11. **Re-Sale of Electric Power**

The Prosumer shall not sell electricity generated under this agreement without the sanction in writing obtained from the DISCOM.

12. **Obligation of Consumer to pay all charges levied by DISCOM**

The Prosumer shall abide by the rules and shall pay the


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Charges, energy charges, surcharges and other charges, if any, to the DISCOM in accordance with the notified Tariff besides the applicability of the General Terms and Conditions of Supply prescribed by the APERC from time to time.

13. **Right of DISCOM to amend the Agreement**

DISCOM shall have the right to amend any of the section of the agreement according to the exigencies. Further, the DISCOM shall have the right to reduce/enhance the rates chargeable for supply of electricity as per retail supply tariff announced by commission from time to time.

14. **Monthly Minimum Charges**

The Prosumer shall pay the minimum charges every month as prescribed in retail supply Tariff and as per General Terms and Conditions of supply, even if no electricity is consumed for any reason whatsoever.

15. **Theft of electricity or unauthorised use of electricity**

Prosumer, found indulging in theft of electricity or unauthorized use of electricity shall pay the penal/additional charges as may be levied by the DISCOM besides disconnection of supply as per the provisions of IE Act 2003 and General Terms and Conditions of supply.

Prasad
9/8/16
Administrative Officer
Signature of Prosumer: M.N.R. Medical College & Hospital
Date: Fasalwadi, Sangareddy-502 294

Witness 1

Signature: *[Signature]*

Name & Address: *M. Satyanarayan Rao*
PA to Vice Chairman
MNR AHER CAMPUS Sangareddy,

Date: *9/8/16*

Witness 2

Signature: *N. Phani*

Name & Address: *N. Phaniendra Nadh*
Purchase manager
M.N.R. AHER Campus, Sangareddy

Date: *09/08/16*

[Signature]
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3

Solar power plant



FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office: 204, Krishna Appartment, Tilak Road, Ahils, Hyderabad - 500071, India

Factory: 4-7-19/A5, Raghavendra Nagar, Nacharam, Hyderabad - 500076

T: +91-40-64621123 | Email: info@fourthpartner.co | website: www.fourthpartner.co

C I N NO: U40108AP2010PTC070806

DELIVERY CHALLAN CUM TAX INVOICE

Bill To,
M/s. MNR Educational Trust
2-23B/350, Bhagyanagar (Phase III),
Near HMT Hills Colony
Opp. JNTU Kukatapally, Hyderabad - 85

Deliver To,
M/s. MNR Medical College Campus
Sangareddy
Medak Di

Invoice No: IN/4PEL/02-16/092

Dated: 29/02/2016

Buyers Order No: Letter

Dated: 20/02/2016

Mode of Payment: DD/RTGS/Cheque

Despatch through: By Road

Destination: Sangareddy

All figures in INR

Sr No	Description of Goods	Quantity	Rate	Amount
<i>Renewable Energy Systems & Spare Parts</i>				
1	Supply of Material for 153KW Grid Connected Solar Power Plant Consists of: Inverters, Modules, LT Panel, Module Mounting Structure and required hardware and accessories	1	9,438,095	9,438,095
TGVAT @ 5%			5%	471,905
Sub Total				9,438,095
Tax				471,905
Total				9,910,000

Amount Chargeable (in words) *Ninety Nine Lakhs and Ten Thousand Only*

Company's VAT TIN 36 912 194 886V w.e.1.02.06.2014

Company's CST No: 36 912 194 886C w.e.1.02.06.2014

Bank Details

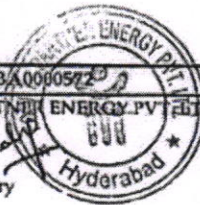
Indian Overseas Bank, Himayatnagar Branch A/C No. 057202000001642, IFSC Code: IOBA0000522

Received in Good Condition

For FOURTH PARTNER ENERGY PRIVATE LIMITED

Signature

Authorised Signatory



Handwritten signature

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FASALWADI, SANGAREDDY-502294



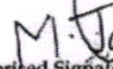

FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office: 204, Krishna Apartments, Yalak Road, Abids, Hyderabad- 500001, India
Factory: 4-7-19/45, Baghavendra Nagar, Nacharam, Hyderabad- 500076
T: +91-40-6631123 | Email: info@fourthpartner.co | website: www.fourthpartner.co
C I N NO: U40106AP2010PTC070606

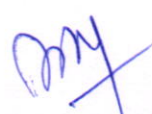
DELIVERY CHALLAN

Deliver To, MNR Medical College, Fasalwadi, Sangareddy, Medak District, Telangana.	DC No:	FPEPL/131/15-16
	Dated:	23-03-2016
	Buyers Order No:	Letter
	Dated:	20-02-2016

Sr No	Description of Goods	Quantity
	<i>Renewable Energy Systems & Spare Parts</i>	<i>Nos</i>
1 ✓	24V 300Wp SPV Modules	510 Nos ✓

Received in Good Condition	For FOURTH PARTNER ENERGY PVT. LTD.
Signature	Authorised Signatory   JTS #3

9.6 ✓
74 ✓
130 ✓
210 ✓
510 ✓



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FOURTH PARTNER ENERGY PRIVATE LIMITED

Reg Office: 70A, Krishna Appartments, Tilak Road, Abids, Hyderabad - 500001, India

Factory: 4-7-19/45, Raghavendra Nagar, Nacharam, Hyderabad - 500076

T: +91-40-64631123 | Email: info@fourthpartner.co | website: www.fourthpartner.co

CIN NO: U40100AP2010PTC070606

DELIVERY CHALLAN CUM TAX INVOICE

Bill To,
M/s. MNR Educational Trust
2-23B/350, Bhagyanagar (Phase III),
Near HMT Hills Colony
Opp. JNTU Kukatpally, Hyderabad - 85

Deliver To,
M/s. MNR Medical College Campus
Sangareddy
Medak Dt

Invoice No: IN/4PEL/0346/103

Dated: 24-02-2016

Buyers Order No: Letter

Dated: 20-02-2016

Mode of Payment: DD/RTGS/Cheque

Despatch through: By Road

Destination: Sangareddy

All figures in INR

Sr No	Description of Goods	Quantity	Rate	Amount
<i>Renewable Energy Systems & Spare Parts</i>				
1	Supply of Material for 153KW Grid Connected Solar Power Plant Consists of: AC & DC Cables and Earthing Material etc	1	15,11,605	15,11,605
TCVAT @ 5%			5%	75,580
Sub Total				15,11,605
Tax				75,580
Total				15,87,185

Amount Chargeable (in words) Fifteen Lakhs Eighty Seven Thousand One Hundred and Eighty Five Only

Company's VAT TIN 36 912 194 886V w.e.f.02.06.2014

Company's CST No: 36 912 194 886C w.e.f.02.06.2014

Bank Details

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

Received in Good Condition

For FOURTH PARTNER ENERGY PRIVATE LIMITED.

Signature

Authorised Signatory



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Work Completion Report for Synchronisation of Roof Top Solar Generating Unit
(To be submitted by Consumer/Applicant)

A Applicant/Consumer Details		
1	Net Meter Registration Number	NT911161066
2	Registration Date	23-02-2016
3	Name of the applicant	MNR Educational Trust
4	Service Number	HDK 761
5	Category	HT-2
6	Load in KW	225KVA
B Agency Details		
1	Name of Agency	Fourth Partner Energy Pvt Ltd.
	Address:	
2	D.No.	4-9-10, Plot no. 46
3	Street	HMT Nagar
4	City/Village	Nacharam
5	Mandal	Hyderabad
6	Pincode	500076
7	Phone	040-64631123
8	Mobile	9248088865
9	Email ID	giri@fourthpartner.co.
C Solar PV Module Details		
1	Make	Savitr Solar
2	Serial number	Attached
3	Type of module	Poly-crystalline
4	Capacity of each module	300wP
5	Number of modules	510 no.s
6	Total capacity	153KwP
D Grid Tie Inverter / Connector		
1	Make	Fronius
2	Serial number	2451320, 27042191, 27021063, 27042192, 27042193
3	Capacity	27KVA / 33.75KwP
4	Input voltage	803.67V DC
5	Output voltage	3φ 400V AC
6	If grid supply fails, no return supply to the grid (Yes or No)	Yes.
E Details of protective system available (Commission shall be done only on availability of the above)		
		Tripartite with inverter

Encl:- Connected SPV generator Single line diagram

Authorized Agent Signature (with Stamp)

Consumer Signature

J. Giridhar



[Handwritten Signature]

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m

NET METER Solar Generating Unit Synchronisation Report / Test Report

A		Applicant Details
1	Net Meter Registration Number	NT911161066
2	Registration Date	23-06-2016
3	Name of the applicant	MNR Educational Trust
4	Service Number	MDK 761
5	Category	HT-2
6	Load	225KVA
7	Distribution/Section	
8	Pole number	
9	Address	
10	Mobile No	
B		Old Meter Details
1	Meter make	
2	Serial number	
3	Capacity	
4	MF	
5	Final reading	
	i) KWH	
	ii) KVAH	
6	Date of replacement	
C		New Net Meter Details
1	Meter make	
2	Serial number	
3	Capacity	
4	Meter constant	
5	Initial reading (Tri vector parameters)	
	i) Import (KWH/KVAH)	
	ii) Export (KWH/KVAH)	
D	Details of protective system available (Commissioning shall be done only on availability of the protective equipment)	
E	Date of Synchronisation/Grid Connection	

CERTIFICATE

It is certified that there is no return voltage from the inverter to the meter when incoming grid supply is switched off.

It is further certified that the protective equipment is installed and functioning as prescribed.

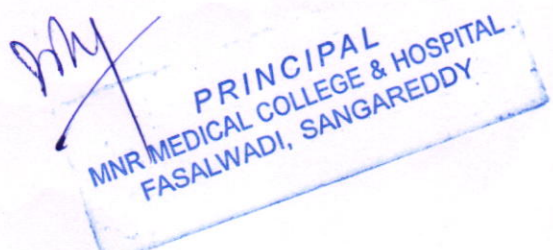
Agent Signature



Consumer Signature

[Handwritten Signature]

Assistant Divisional Engineer
Operation/ _____



DATA SHEET FOR MULTI CRYSTALLINE PHOTOVOLTAIC MODULES

ELECTRICAL CHARACTERISTICS OF SPV MODULES

Module Voltage (V)	250 Wp (Voc)	280 Wp (Voc)	300 Wp (Voc)
Open circuit Voltage(Voc)	43.49V	44.61V	45.95V
Short Circuit current (Isc)	8.24A	8.45A	8.59A
Maximum Module Efficiency (%)	13.8%	14.5%	15.2%
Maximum System Voltage	1000VDC	1000VDC	1000VDC
Maximum System Current	15A	15A	15A

STC: Irradiance 1000W/ m², Module Temperature 25°C, AM 1.5

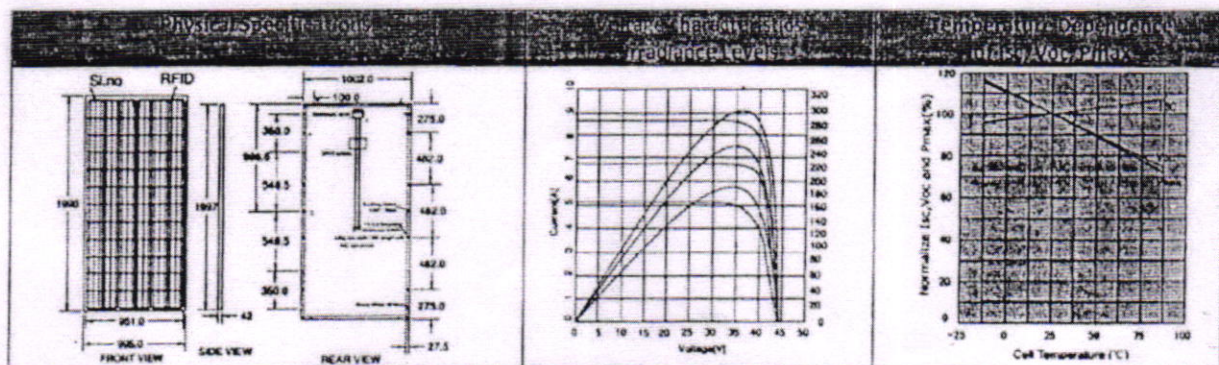
MECHANICAL DIMENSIONS

Solar cells	Poly-crystalline 50mm x 60mm		
Cells per module	72(6 x12)	72(6 x12)	72(6 x12)
Dimensions (mm x mm x mm)	1652 x 992 x 40	1652 x 992 x 40	1652 x 992 x 40
Weight Approx	19kg	19kg	19kg
Frame	Anodized Aluminum Frame (Double Walled)		
Junction Box	IP 65 rated		
Dimensions	40mm x 60mm (cell size) x 250mm x 250mm (cell pitch)		

TEMPERATURE COEFFICIENTS

Note	Temp Co- I _{sc}	Temp Co- Voc	Temp Co- P _{max}
47±2°C	-0.42%/K	-0.33%/K	0.05%/K

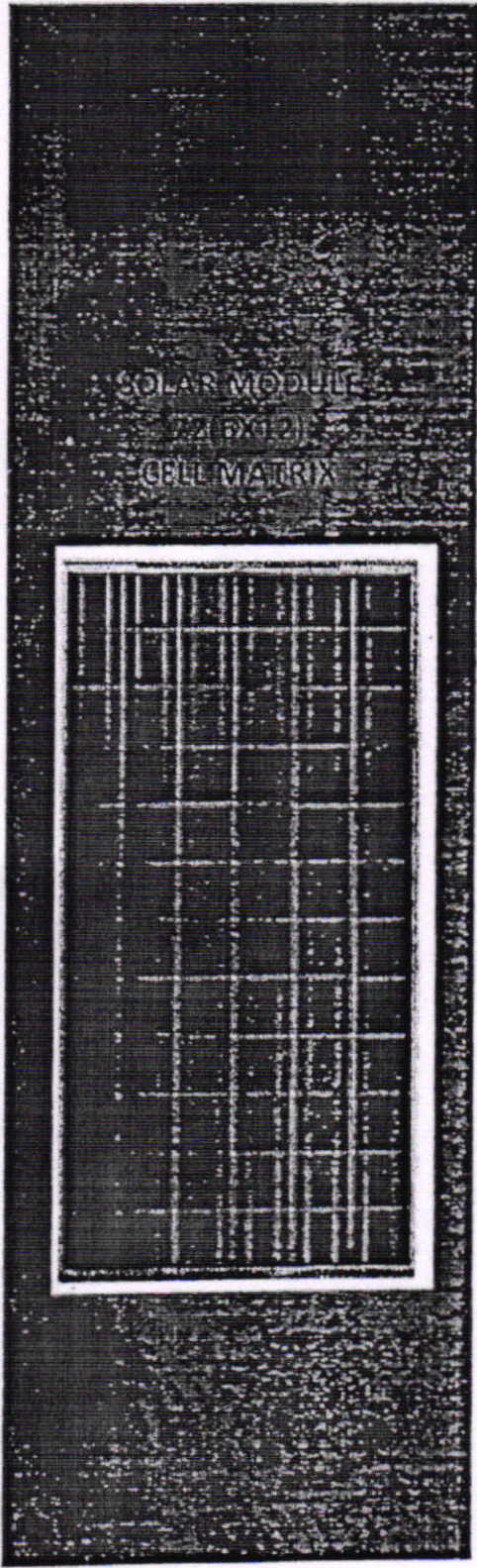
Certifications	Warranty	Shipping
IEC 61215, 61730, ISO 9001:2000	5 Years Warranty on Material and workman. 25 Years warranty on Power output. 90% of the rated power is guaranteed for a period of 12 years and 80% of the rated power is guarantee over a period of 25 years.	Ship Loading capacity (20ft container): 252 panels in 12 cartons, Loading capacity (40ft container) 588 panels in cartons 28



Plot No. 28/1, kukatpally, Hyderabad-500072. | Tel: +91 40-23070812 | sales@srisavitr solar.com | www.srisavitr solar.com

Handwritten signature

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Technology

Sri Savitr Solar Modules are being Manufactured using state-of-art facilities and cutting edge Technology. These Modules are available in Framed and Laminates Versions.

Quality

Sri Savitr Solar uses high Efficiency Polycrystalline Solar Cells to provide maximum power and to meet the exacting demands of industry.

Certification

Sri Savitr Solar Modules have been approved as per the requirement of IEC 61215 : 2005ED2 and IEC 61730 by TUV Rheinland Germany.

Besides Sri Savitr Solar has a quality management system compliance with International Quality system ISO 9000:2000.

Technical Product Information

- High Efficiency Mono/Poly Crystalline cells.
- Junction Box with Bypass Diodes as per EN 50548:2011+A1 standard.
- Cells Protected by high transmittance, low-Iron Fully tampered glass and a layer of Tedlar and EVA.
- Anodized Aluminum frame to protect the laminate and provide base for mounting structure.
- Pre-wired with Quick Connector system.

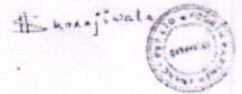


SRI SAVITR SOLAR PVT LTD

An ISO 9001:2000 Certified Company



Qualified
▪ IEC 61215
▪ IEC 61730



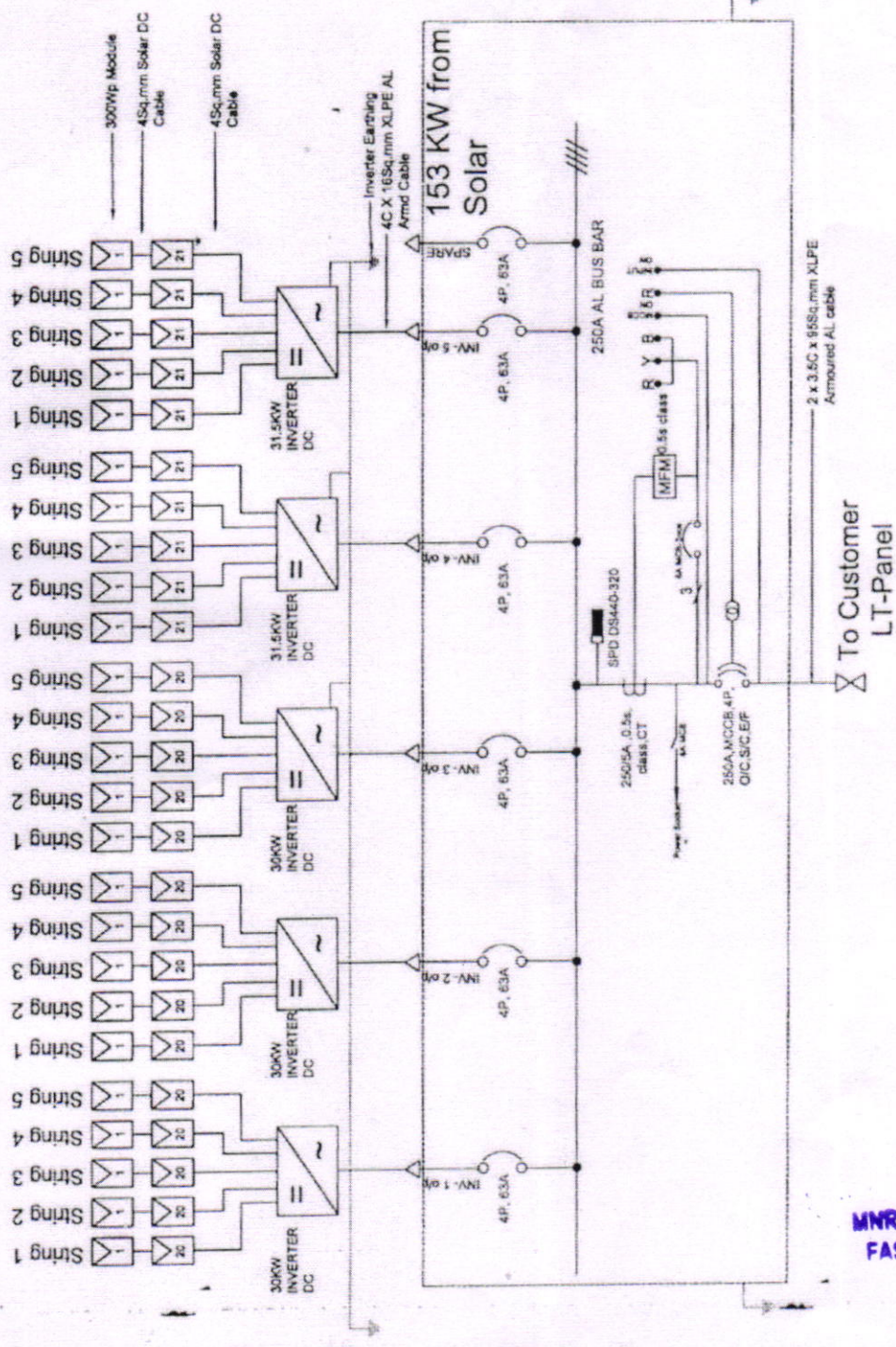
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LEGEND	
⊕	CURRENT TRANSFORMER FOR METERING
⊕	MULTIFUNCTIONAL METER (AMMETER, VOLTMETER, KW, KWH, PF, FREQUENCY, KVAR)
⊕	EARTHING
⊕	MOLDED CASE CIRCUIT BREAKER
⊕	MINIATURE CIRCUIT BREAKER
⊕	SPD
⊕	POTENTIAL TRANSFORMER FOR METERING

SL.NO.	DESCRIPTION	RATING	QTY.
1.	Current Transformer for metering-angle phase of class 0.5% with 15VA burden.	250/5A	3-no.s
2.	Multi Function Energy Meter (Amps, Volts, KW, KVAh, KWh)	0.5%	1-no.s
3.	Potential Transformer for metering-Three phase of class 0.5 with 30VA burden		
4.	Molded Case Circuit Breaker	250A, 415V, 2P, 4P	1-no.s
5.	Micrologic Circuit Breaker	83A, 15V, 100A, 4P	3-no.s
6.	Indicating Lamp R.V.B	2W	3-no.s
7.	Indicating Lamp ON & OFF	2W	2-no.s
8.	Indicating Lamp ON MCCB TRIP	2W	1-no.s
9.	POWER SOCKETS	3 PIN EA	1-no.s
10.	MCB	6A, 415V	4-no.s
11.	SPD	DS440-320	1-no.s

MECHANICAL PARAMETERS		
1.	LT ACDB panel IP Grade	IP 65
2.	LT ACDB panel Type	Outdoor
3.	Mounting Type	Floor Mount
4.	Finish/Coated Color	Smeara Grey
5.	Cable Entry and Exit	Bottom

PROJECT : 100 KWp, SPV POWER PLANT	
CLIENT : MNR HOSPITAL & GROUP OF INSTITUTIONS	
EPC : M/s Fourth Partner Energy Pvt Ltd, Hyderabad	
DATE	24.02.16
BY	00
OF	01



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Reg Office: 704, Krishna Apartments, Tilak Road, Abids, Hyderabad 500001, India
Factory: 4-7-19/45, 1st floor, Raghavendra Nagar, Nacharam, Hyderabad 500076
T: +91-40-64631123| Email: info@fourthpartner.co | Website: www.fourthpartner.co

Annexure-1

Proposal for 153 kWp Grid Tied Captive Solar PV Power Plant

Customer details:

Name:	MNR Medical College
Address:	Fasalwadi, Sangareddy, Medak Dist., Telangana
Contact Person:	Mr. Ravi Verma

Site and Project details:

Address:	MNR Medical College, Fasalwadi, Sangareddy
Longitude:	78.12 E
Latitude:	17.62 N
Rooftop / ground mounted:	Rooftop. We assume that the terraces are flat and shadow free allowing for the structures to be mounted on the terrace ground.
Type of roof / soil:	Assumed to be flat
Availability of water:	Yes

Existing power backup:

DG / Inverter:	DG sets are in place and will be required to operate when power cuts are in place from EB supply, in order that solar power gains reference voltage.
----------------	---

Proposed system:

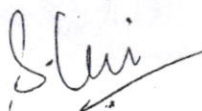
Type of system:	Grid tied system with solar priority
Solar array capacity:	153 kWp
Module mounting:	Fixed tilt
Battery bank capacity:	NIL
Power generation:	210MWh/year (first year)
Degradation:	1% p.a.
Project life:	25 years

Infrastructure requirement:

Rooftop space / land requirement:	15,300 sq ft of shadow-free area is required
Electricity:	Electricity required during the construction of the plant is in the Client's scope
Water:	Water required during the construction


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receipt of advance payment along with commercial terms acceptable to us

- No binding contract shall be deemed to have been effected by the acceptance on the part of the purchaser of a quotation or offer made by us until such contracts have been confirmed in writing through order acceptance by us
- Orders once placed with us cannot be cancelled by purchaser on any account whatsoever

Delivery schedule:

As per project timeline

Payment terms:

- 5% Advance along with PO
- 25 % Advance after the In Principle approval of the project from MNRE/ TNREDC
- 60% of amount prior to dispatch of various equipment, against proforma invoice.
- 5% of amount after installation and commissioning of the solar system
- 5% of amount after commissioning of the Net Metering system

Generation Guarantee

We will guarantee a generation of 200,000 units/ year from the plant in year1. This is subject to grid availability (EB or DG should be always on to provide the solar inverters with reference voltage) and weekly cleaning of the panels.

Please note that the plant output will degenerate by about 1% every year.

Warranty:

- Limited power output guarantee of 90% for 10 years and 80% for 25 years
- 5 years for Inverters
- 5 years for balance of system

Statutory Approvals:

- We will manage the complete turnkey execution of the contract including Net Metering installation and liaison for subsidy.

Subsidy:

- Fourth Partner Energy shall process the subsidy application to TNREDC/ MNRE.
- 4PEL shall bear all the costs associated with following up the process for securing the subsidy grant.
- The subsidy will be credited directly to the Client. Once the subsidy is disbursed to the client, It needs to be reimbursed back to 4PEL.

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The Project will be initiated after the subsidy application is submitted and approved by the relevant agencies.

Project benefits:

Reduction in carbon emission:

Installing a 153kWp system is equivalent to planting 9,000 mature trees
Savings in equivalent power supplied from the solar unit

	Unit	Value (with Accelerated Depreciation)	Value (without Accelerated Depreciation)
System Size	kWp	153	153
System Cost	Rs	61,20,000	61,20,000
Tax benefit of depreciation (in year 1)	Rs	16,64,150	
Net cost to client	Rs	44,55,850	61,20,000
AMC cost	Rs/year	1,00,000	1,00,000
Avg. solar units generated	units / year	2,10,000	2,10,000
Present variable energy tariff (EB + DG)	Rs/ unit	8.0	8.0
Avg. energy tariff increase	% p.a.	5%	5%
Savings in power bill (1st year)	Rs. For 1st year	16,80,000	16,80,000
Payback period	Years	2.72	3.67
Project life	Years	25	25
Net savings over project life	Rs Lacs	667	667
Project IRR	%	40%	30%

Our Clients:

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Sell

Annexure - 2

Giri alhar
Chaitanya

Bill of quantities – for 153KWp Grid Tied Solar Power Plant at MNR medical college,
Shapur, Sanga Reddy.

Item	Details	Make	Quantity
SPV Modules	Poly crystalline silicon modules	Sri Savitr Solar with Q Cells (Q.ANTUM) solar cells (Germany).	153 kWp
Module mounting structure	MS Galvanized	Surya Teja Industries	153 kWp
Inverter	High efficiency 3-Phase Grid Tied Solar String Inverter	Fronius (USA) make	153 KW (DC)
DC Cables	1C 4 sqmm Cu - IEC standard	Siechem Make	As per site
AC Cables	XLPE Aluminium - BIS standard	Polycab Make	As per site
Solar LT panel with LT switchgear: MCBs/MCCBs	BIS standard	L&T / Schneider (switchgear) Make	AC side Switchgears
Earthing	GI earthing strips, electrode, chemical filling, as per MNRE / SECI standard	Reputed	1 set
Other hardware & electricals (incl. earthing & lightning protection)	BIS standard	Reputed makes	1 set
Installation		Fourth Partner Energy Pvt. Ltd.	Included

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The Project will be initiated after the subsidy application is submitted and approved by the relevant agencies.

Project benefits:

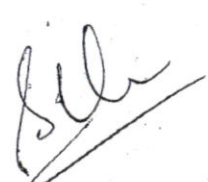
Reduction in carbon emission:

Installing a 153kWp system is equivalent to planting 9,000 mature trees
Savings in equivalent power supplied from the solar unit

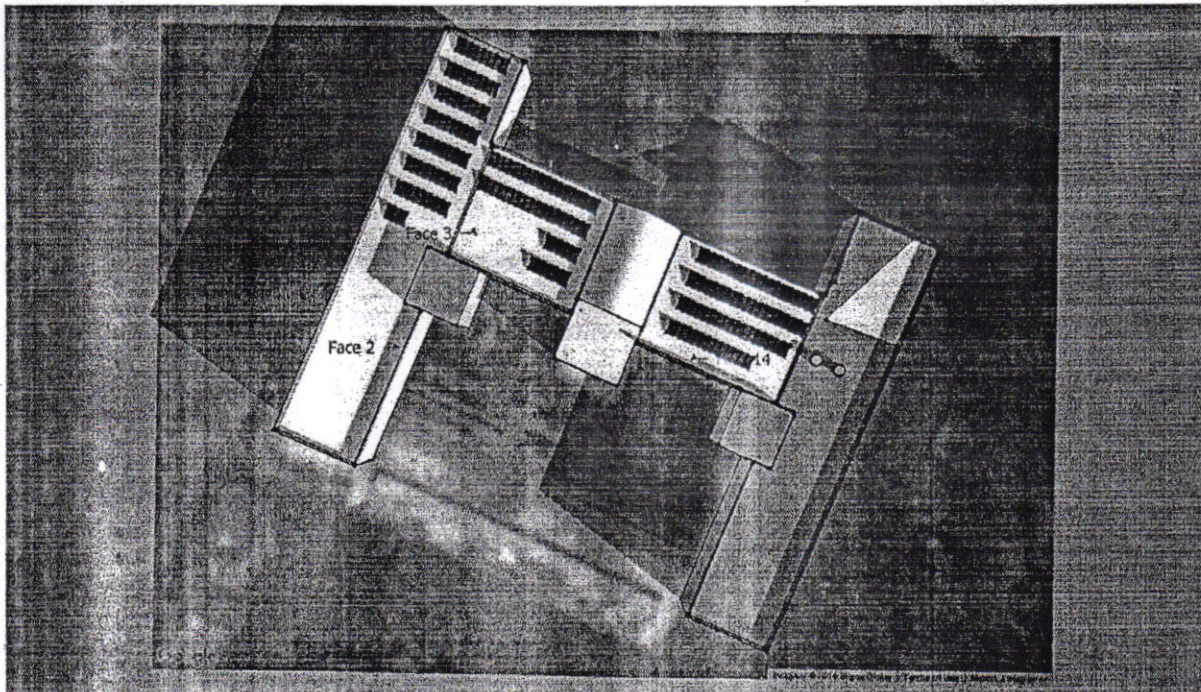
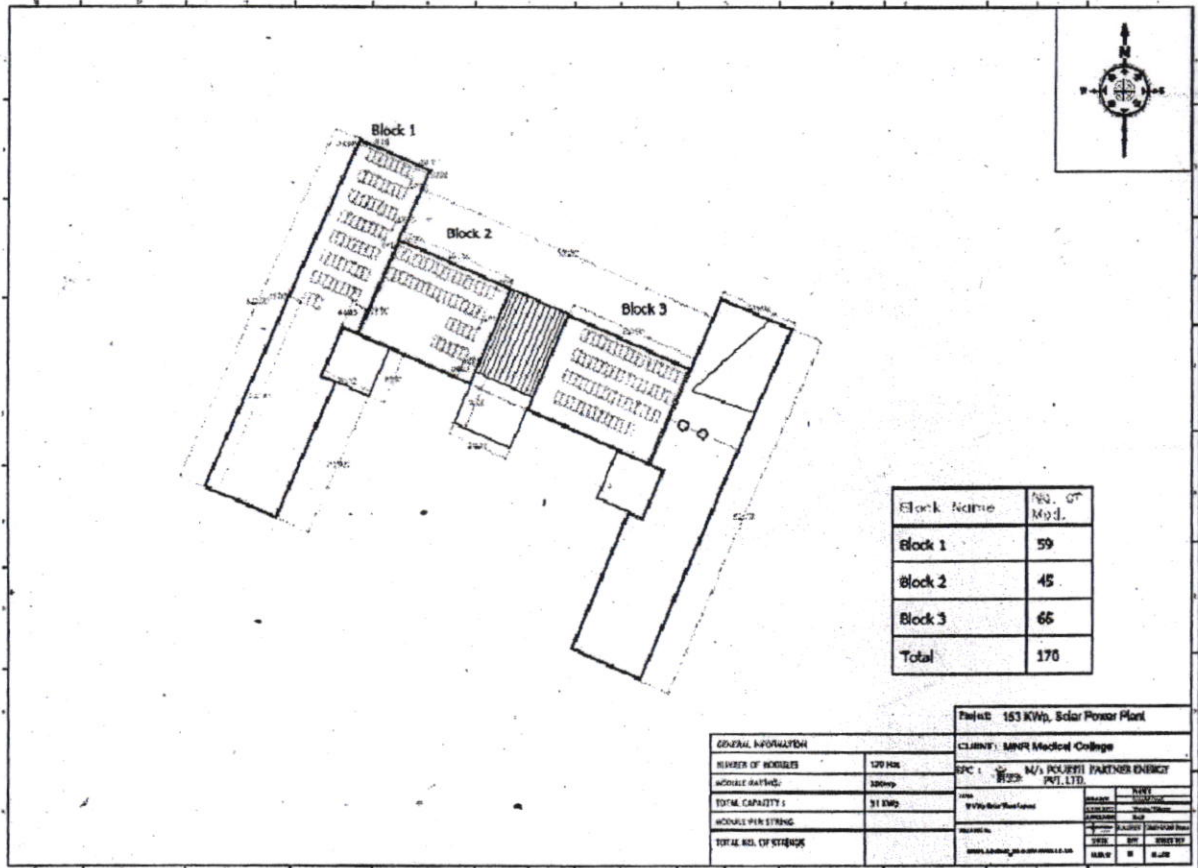
	Unit	Value (with Accelerated Depreciation)	Value (without Accelerated Depreciation)
System Size	kWp	153	153
System Cost	Rs	61,20,000	61,20,000
Tax benefit of depreciation (in year 1)	Rs	16,64,150	
Net cost to client	Rs	44,55,850	61,20,000
AMC cost	Rs/year	1,00,000	1,00,000
Avg. solar units generated	units / year	2,10,000	2,10,000
Present variable energy tariff (EB + DG)	Rs/ unit	8.0	8.0
Avg. energy tariff increase	% p.a.	5%	5%
Savings in power bill (1st year)	Rs. For 1st year	16,80,000	16,80,000
Payback period	Years	2.72	3.67
Project life	Years	25	25
Net savings over project life	Rs Lacs	667	667
Project IRR	%	40%	30%

Our Clients:


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Building-2: 51 kWp



Handwritten signatures in blue ink.