



ఆంధ్రప్రదేశ్ రాష్ట్రం ANDHRA PRADESH

సం-4043
29/06/2016

శ్రీ. నారాయణస్వామి సూర్య సృష్టికర్త, నెల్లూరు

BR 293788
KURUCHATI SIDDHA BABU
LICENCED STAMP VENDOR
L. No 34-09-10/2011
R.L. No. 34-09-04/2014-2016
Union Bank, KAKUPALLI (V)
Nellore Rural, Nellore Dist.
Cell : 9397169899

POWER PURCHASE AGREEMENT

This POWER PURCHASE AGREEMENT is entered into this 29th June 2016 by and between M/s Narsimha Swamy Solar Generations Pvt Ltd a company incorporated under the Companies Act, 1956, having its registered office at 28/1070, Saibaba Nagar Nandyala, Pin:-518502, and represented by its Authorized Signatory, Mr. B Diwakar Reddy, hereinafter referred to as "POWER GENERATING COMPANY" (which expression shall unless excluded by or repugnant to the extent of meaning thereof includes its successors and permitted assigns)

AND

M/s Narayana Educational Society, a company incorporated under the companies Act, XXI of 1880 and having its registered office at 1472, Haranadhapuram, Nellore 524003,

represented by its Authorized Signatory, Mr. R Sambasiva Rao S/o R Koteswara rao treasurer M/s. Narayana Educational Society,, here in after referred to as "CONSUMER", (which expression shall unless excluded by or repugnant to the context or meaning thereof includes its successors and permitted assigns)

The Consumer and Power Generating Company shall be referred to herein as a 'Party' or 'Parties'

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Diwakar Reddy

Managing Director

For Narayana Educational Society

R. Sambasiva Rao

Treasurer

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524002

WHERE AS

- A. This Power Purchase Agreement is being signed to give effect to sale and purchase of Solar power between and among the parties.
- B. The "Power Generating Company" is engaged in the business of power production and 3rd party sale under the license granted to it by the State Government and its operates, generates and supplies power/electricity under the terms and conditions of the said license and subject to other rules and regulations notified by the Government from time to time governing the operation of power Generation.
- C. The end consumer is Narayana Educational Society, and is in requirement of the electricity power for its commercial consumption.

In consideration of the mutual promises and covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which, are hereby acknowledged, the parties hereto agree as follows:

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. Definitions and Interpretations

I Definitions:

1. **Agreement:** Means this Power Purchase Agreement, as amended, supplemented or modified from time to time in accordance with the terms and conditions hereof (any other defined agreements set forth hereinafter, shall have the meanings set forth herein).
2. **Allocated Energy:** The portion of Wheeled Energy (less applicable charges & Losses borne by the Power Generating Company) and allocated in a Billing Month to the Scheduled Consumer byway of third party scale by the Power Generating Company.
3. **APTRANSCO/SPDCL** means the Transmission Corporation of Andhra Pradesh Limited (APSEB) engaging in the business of Transmission, Distribution and Supply of Electricity.
4. **Billing date** means the 1st day of Every calendar month to Last day of the same month.
5. **Billing month** means the period commencing from the previous month metering date (1st day of the month) and ending on the current month metering date (30th day of the month).
6. **Due date for payment** – 10th day from the date of submission of the Bill

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Divakar Reddy

Managing Director

For Narayana Educational Society

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Treasurer

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PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

7. **Meter** means the APTRANSCO/SPDCL Meter erected in the premises of the Consumer. APTRANSCO's/SPDCL's staff shall record and note the Meter Readings as per their meter reading schedule.
8. **Metering Date** means as mentioned in the point no 4 above, as the Consumer Premises or the day/date on which APTRANSCO staff record and not the meter reading.
9. **Net Wheeled Energy** means the energy (power/electricity) being wheeled to the Consumer through APTRANSCO/SPDCL.
10. **Power** means the electrical power being generated by the Power Generating Company through any source of energy.
11. **Power Factor** means the ratio of kilo watt Hours(KWH) to Kilo Volt Ampere Hours (KVAH)
12. **Unit** means Kilo Watt Hour of electrical energy.
13. **Wheeling** means the transportation of electrical power/ electricity and energy from the power Houses of the power Company of the Consumer's Premise on the Transmission System of the AP TRANSCO / SPDCL.
14. **Bill:** Means the document containing the details of energy consumed by the Consumer and payments to be made in this regard.

II Interpretation

- 1) The Power Generating Company agreed to supply the required electricity to the Consumer at the rate mutually agreed during the agreement tenure.
- 2) The Price agreed between the Power Generating Company and the Consumer and recorded in the agreement is final irrespective of the decrease in the power tariff by the APTRANSCO or AP DISCOM.
- 3) In the event of suffering any additional charges or losses due to change in the law of either State Govt or Central Govt, due to any reason what so ever it may be, such charges or losses shall be borne by the consumer only.
- 4) The Power Generating Company undertakes to pay and liable to the Consumer at all times during the subsistence of the agreement or termination thereafter, for any amounts levied by the APTRANSCO/APGENCO/SPDCL (or any affiliates/subsidiaries if APSEB) as surcharge/Fee/or cross subsidy surcharge/or for any levy in whatever manner/name only to the extent of power purchased by Consumer.
- 5) As per the GO MS No 8 dtd 12.02.2015 issued by the Govt of Andhra Pradesh about the Andhra Pradesh Solar Power Policy – 2015, the Cross subsidy charges are not applicable for 5 years from the date of commissioning. However any such charges, may be applicable, if any, after the said period, shall be in the scope of Consumer. Power Generating Company will not have any obligation for the Cross Subsidy charges.
- 6) The Power Generating Company has to fulfill the obligations of all such statutory levies that shall be charged by the Govt agencies including Central and State Govts, from time

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Dewakar Reddy

Managing Director

For Narayana Educational Society

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NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

to time .Consumer Shall not be responsible for any demand charges that shall be charged by APTRANSCO/APGENCO/AP DISCOM to the Power Generating Company.

- 7)The Power Generating Company has agreed to supply power over and above the units contracted in the said Power Purchase Agreement with the consent of the Consumer.
- 8)The Power Generating Company shall not impose any power cut/restrictions/controls on the use of energy however this is subjected to the covenant that the payment of bills by Consumer within the stipulated time as mentioned.
- 9)The schedule of power supply per month shall be as mentioned in the below table with the details of Power Generation and Power Supply to Consumer for a period of 10 (ten) years from the date of its commencement the amount mentioned in the table is minimum consumption of consumer per each year.

Consumer has to consume whatever power is generated by the Power Generator subject to the yearly minimum and maximums mentioned in the below table.

YEAR	Minimum units has to be consumed by consumer. (yearly minimum)	Units available to consumer per year.(consumer cannot avail any more than this amount per year.)
1	8000000(+/- 10%)	11000000
2	8000000(+/- 10%)	11000000
3	8000000(+/- 10%)	11000000
4	8000000(+/- 10%)	10940000
5	8000000(+/- 10%)	10860000
6	8000000(+/- 10%)	10800000
7	8000000(+/- 10%)	10750000
8	8000000(+/- 10%)	10700000
9	8000000(+/- 10%)	10650000
10	8000000(+/- 10%)	10600000

- 10)Generating Company shall notify the maintenance time with the quantum of the Power Generation, which will be supplied to the Consumer. Power Generating Company ensures supply of Power to the Consumer and the Consumer also ensures the payment of agreed Consideration to Power Generating Company in the time frame agreed.

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Devaraj

Managing Director

For Narayana Educational Societ

[Signature]

Treasurer

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

2. TERM OF THE AGREEMENT

2.1 The entire term of this Agreement (the "Term") shall be deemed to have commenced on Dt 01.08. 2016 and continue in full force and effect for period of 10 years i.e; From 01.08.2016 to 31.07.2026.

2.2 After the expiry of the term, if the parties for any reason have neither renewed this Agreement on terms mutually agreed to nor entered into a new Agreement with respect to the subject matter hereof, this Agreement will continue in full force and effect on a month to month basis until terminated, as mentioned at section 5 of this agreement.

3. Tariff and other charges

- 1) The Power Generating Company agreed to sell the Power at **Rs. 5.60 per Unit. If the Discom has changed the tariff, the power generating company will ensure to maintain the difference of Rs.1.12 for the price between Discom and Power generating company and this will be applicable through out the contract period without considering the M.D charges.** Any other charge that is levied by the Central Govt or State Govt is in the scope of consumer. The price per unit paid is at the delivery point of Consumed Units and the consumer has no right on any other credit given to developer by government (incentives according to state policy **(tax benefits and wheeling, transmission charges ..etc) and REC benefit**).
- 2) In case power of 80,00,000 units cannot be supplied in a period of one year (Jan to Dec) from the date of commencement by the Power Generating company to the consumer, the benefit of 112 paisa per unit i.e. difference between the APSPDCL rate (i.e. Rs. 6.72/- and the rate at which the power is supplied by Power Generating Company to the Consumer (i.e. Rs.5.60/kvah) shall be extended to the consumer

Ex:- Commitment units	-	80,00,000 kvah.
Units supplied in a year	-	70,00,000 kvah.
Short fall of units	-	10,00,000 kvah.

Benefit of rate difference to be extended to Consumer (6.72-5.60) i.e. 10,00,000 @ Rs. 1.12/kwh = Rs.11,20,000/-

The Power Generating company shall either adjust the benefit amount in the subsequent month bill or refund to the consumer.

- 3) Metering of Energy and maximum demand shall be done by APTRANSCO/SPDCL at the premises of the consumer in accordance with the APTRANSCO/SPDCL'S regulations, terms and conditions of supply coinciding with the metering date.
- 4) In calculating the Consumer's bill, the Net wheeled allocated by the Power Generating Company shall first be deducted from the meter reading of energy and maximum demand shall be deemed to be the power supplied by APTRANSCO/SPDCL.

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Divakar Reddy

Managing Director

For Narayana Educational Soc.

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Treasure

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NARAYANA PHARMACY & SURGERY
NELLORE - 524 002

- 5) Any other incidence including penalty levied by the TRANSCO/DISCOM authorities on account of units wheeled and demand has to be done by the Power Generating Company within 30 days from the date of claim by the DISCOM/ TRANSCO.

4. BILLING AND PAYMENT

1. Monthly billing and payment method

The Power Generating Company shall submit the bills as per the format as presently billed by APTRANSCO/SPDCL for the actual energy consumed by the Consumer. The bills and supplementary shall be payable by the Consumer in manner stated below. The consumer shall make payment of Power Generating Company as Mentioned above within 10 days from the date of submission of bill (Thro RTGS).

Billing cycle is monthly which means on 1st of every month with billing period as between 1st to 30th of both months. Payment shall be made either through RTGS or by way of at par cheque. Bank charges if any shall be borne by Consumer only. The Consumer further agreed that the Power Generating Company shall be at liberty to impose penalty for belated payment of the Bills @ 18% per annum to be calculated on day to day basis from the date of Bill.

2. Billing Disputes

The Consumer shall notify the Power Generating Company for any disputed amount or claim what so ever it may be. The Power Generating Company shall rectify the defect in their claim or otherwise notify its obligation, with reasons, within 15 days of reference by the Consumer, failing which the provisions of Dispute Resolution shall apply. If the resolution of any dispute requires the Power Generating Company to reimburse the Consumer, the amount to be reimbursed shall be adjusted (deducted) in the next monthly bill. The Consumer shall not dispute any amount after 90 days following the due date payment.

Notwithstanding any dispute raised by the Consumer as requested the bill of any portion thereof, as to or any Bill submitted by the Power generating Company, the Power Generating Company shall get paid the undisputed amount of bill through direct payment.

3. Bank Guarantee

The Consumer shall furnish a Bank Guarantee (BG) for Rs. 1,10,00,000/- (Rupees One Crore Ten Lakh Only) from any Nationalized bank in favor of the Power Generating Company to secure the payment of any amount. This bank guarantee will be provided on the first day of power scheduling starts. If the consumer does not fulfill its obligations or exits, the agreement during the tenure of this agreement, Power Generating Company shall, with-out prejudice to its other rights and remedies here under or in law, be entitled to invoke the BG conditionally.

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Dewakar Reddy

Managing Director

For Narayana Educational Socie

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Treasure

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NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

5. DEFAULT AND TERMINATION

Consumer Default

The Consumer default is occurrence and continuation of any of the following events, unless any such event occurs as a result of a breach by the Power Generating Company of its obligations under this Agreement or on the happening of the an event of Force majeure.

- i. The dissolution of the Consumer, pursuant of law, except for the purpose of a merger, consolidation or reconstruction or arrangement that does not affect the ability of resulting entity to perform its obligations here under and provided that such resulting entity expressly assumes such obligations.
- ii. Any failure by the Consumer to make payment required to be made the Power Generating Company within three months after due date for such payment, as contemplated herein.
- iii. Theft or malpractice as described here in.

POWER GENERATING COMPANY DEFAULT

The Power Generating Company default is the occurrence and continuation of any of the following events.

Unless as such events occurs as a result of a breach by the Consumer of its obligations under this Agreement (or Consumer default or an event of Force Majeure)

- iv. The dissolution of the Power Generating Company, pursuant to law, except for the purpose of a merger, consolidation or reconstruction,
- v. The Power Generating Company commits a serious breach of any material terms of this agreement and does not remedy the breach within 15 days of receiving the notice from the consumer specifying the breach complained of and the steps its reasonably requires Power Generating Company to take in order to remedy the breach.

Termination of the Agreement

Notwithstanding any provision of the contrary, both the parties may at any time terminate this Agreement without assigning any reason (without cause) by serving 90 (Ninety) days prior written notice to each other. However it is obligatory on the part of the Consumer to reconcile the accounts and settle the bills to the satisfaction of the Power Generating Company, within 90 (thirty) days of such termination irrespective of the bills cycle and / or such grace period.

For Narasimhaswamy Solar Generators Pvt. Ltd.

B. Devadas Reddy

Managing Director

For Narayana Educational Society

[Signature]

Treasurer

[Signature]
PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

6. Undertakings

i. The Power Generating Company agrees to assure supply of Agreed Volume of Net Wheeled Energy to the Consumer in the sustained manner barring unforeseen circumstances beyond the control of the company viz. , Grid failure, major break down due to act of God like Flood, etc.

vii. The Power Generating Company undertake this it shall be responsible for the smooth operation, maintenance, and overhaul of the plant, equipment, switchyard and transmission lines to the interconnection point of the APTRANSCO/SPDCL grid.

viii. The Consumer agrees to maintain Power Factor of their installations not less than 0.90. In the event of any penalty is imposed by the APTRANSCO/SPDCL of account of failure of the Consumer to maintain Power Factor below 0.90. the Consumer alone is responsible for payment of penalties and similarly the Power Generating Company shall be responsible for penalties imposed on account of its failure to maintain Power Factor below 0.90.

ix. Confidentiality: The Consumer and Generating Company together agree not to disclose above-agreed terms mentioned in this agreement and preserve this agreement in absolute confidence.

7. MISCELLANEOUS

In the vent of one or more of the provisions are held to be void, invalid, illegal, or unenforceable in any respect, such void, invalidity and illegality or unenforceability shall not affect any other provisions of this agreement, in the event of unenforceability of this agreement, the parties shall in such case, promptly negotiate in good faith to amend/alter/modify such provisions to make the unenforceable provisions in this agreement enforceable and which are equitable to both the parties.

8. CONFIDENTIALITY

Power Generating Company and the Consumer recognizes and accepts that, all data and information coming to its knowledge during the course of its services is and will be of a strictly private and confidential nature and Power Generating Company, its employees and personnel shall not use or attempt to see or permit any party to use such data or information or disclose or divulge such data or information to any party or make or keep copies of such data or information given to Power Generating Company.

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Dewakar Reddy

Managing Director

For Narayana Educational Society

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Treasurer

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

9. HEADING

The headings used in this Agreement are for convenience only and shall have no legal effect

10. FORCE MAJEURE

Notwithstanding anything contained in the Agreement neither Party shall be liable for any delay in discharging its responsibility hereunder if and to the extent that such delay is the result of an event of Force Majeure which means and includes wars, insurrections, earthquakes, eclipses, Sun outages, interferences, revolutions, fires, floods, epidemics, quarantine restrictions, trade embargoes, declared general strikes in relevant industries, satellite failure, satellite damage or malfunction due to electromagnetic space storm, act of god, government regulations and such other acts or events beyond the control of the parties.

11. INDEMNITY

Power Generating Company shall indemnify and keep the Consumer fully Indemnified harmless from Power Generating Company's nonperformance or breach or violation of any of the terms and conditions or covenants of this agreement, any claims, demands, suits, proceedings brought against the Consumer, for any amounts levied by the APTRANSCO/SPDCL/DISCOM (or any affiliates/ subsidiaries of APSEB) as surcharge/fee/or cross subsidy surcharge/ or any levy in whatever manner/ name, if the same is being charged against/ on the power/ electricity supplied at a discount rate by the Power Generating Company to the Consumer. In all sites, actions, notices, proceedings, criminal prosecution, all claims and demands, all losses, damages and costs, charges and expenses (including all legal fees and costs) initiated by such parties/third parties or by any statutory or governmental body, which consumer may jointly and severally suffer, face, incur, or bear along with the Power Generating Company as a result of any person or party/ third parties making any claim or filling any suit or adopting any legal action or proceedings. Power Generating Company shall indemnify and keep indemnified the Consumer its Affiliates, its promoters, Directors, Officers, Principle, Employees etc. on demand without any demur or protest, against such claims, suits, criminal prosecution, demand, losses, costs, charges and expenses to the extent of power Generating Company's nonperformance as per the covenants of this agreement or breach of trust or violation or negligence which is not attributable directly or indirectly to Consumer.

12. ARBITRATION

All and any disputes which may arise due to any reason what so ever it may be should be resolved through discussions in a mutually agreeable manner. In the event of failure of discussions and also which cannot be resolved through mutual negotiations shall be referred to a single Arbitration appointed by the consumer – President of Narayana Educational

For Narasimhaswamy Solar Generations Pvt Ltd.

R. Devaraj

Managing Director

For Narayana Educational Soc.c

[Signature]

Treasurer

MS
PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

Society, Nellore in consultation with the Power Generation company as per the provisions of Arbitration Act and the decision of the Arbitrator shall be final and binding on both the parties of this agreement and the persons claiming under them. Work under contract shall continue so far as may be reasonably practical without causing any suffering to the plant Operation during the arbitration proceedings. The venue for the arbitration shall be at Nellore only as per the Indian Law. That in case of any dispute, Courts at Nellore, Andhra Pradesh State shall have jurisdiction over the same. Parties to this agreement shall not approach any other Courts except Courts at Nellore, Andhra Pradesh State.

13. REALTIONSHPIS

This Agreement is limited and exclusive to the purpose of securing business interests of parties herein and it does not create ant partnership, joint venture or any other relation of the like between two parties of this Agreement.

14. NOTICES

All notices or other communications which are required or permitted hereunder shall be in writing and shall be sufficient if delivered or mailed by registered or certified mail, postage prepaid, or faxed (but then immediately confirmed by mailing of the original) at the addresses given herein below or such other address as the appropriate Party may advise each other Party hereto:

If to the Consumer:

Treasurer
Mr. R. Sambasiva Rao
Narayana Educational Societies.

If to the Power Generating Company.

Managing Director/Director
Mr. B Diwakar Reddy
Narsimha Sway Solar Generations Pvt Ld

15. AMENDMENTS

Any amendments/ additions to this agreement shall be considered valid only when reduced into writing by mutual consent of both the parties to this Agreement.

For Narasimhaswamy Solar Generations Pvt Ltd.

B. Diwakar Reddy

Managing Director

For Narayana Educational Society

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Treasurer

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

IN WITNESS WHEREOF the parties have set their respective signatures to these presents on this the day, month and year first above written.

SIGNED for and on Behalf of

The Power Generating Company

By. Mr. B Diwakar Reddy
For Narasimhaswamy Solar Generations Pvt Ltd.

B. Diwakar Reddy

Signature Managing Director

Title: Director

Witness



The Consumer

By Mr. R. Sambasiva Rao
For Narayana Educational Society

R. Sambasiva Rao

Signature: Signatory/Treasurer Treasurer

Title: Authorized

Witness

MS
PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002



ESTIMATE NOT APPROVED

SOUTHERN POWER DISTRIBUTION COMPANY OF AP LIMITED

Providing of Stand by ABT meter to avail open access power to M/s Narayana Medical College & Hospital, Chintha Reddy Palem Village, Rural Nellore Mandal, SPSR Nellore District HT SC No NLR-229

Division	: DE OPN NLR RURALS	Section	: AE NELLORE RURALS I
Profit Center	: 304500001	Cost Center	: 304511201
Estimate No.	: E-2014-04-05-11-02-035	Est. Desc	: Providing of Stand by ABT meter to avail
Network No.	: 520000081479	Est Created Date	: 24.12.2014
Reservation No.	: 8000528557	Project Type	: LT SCs (except Cat-III & VIII)
Application No	: 35112C000572014DEC09	Apl. Group No	:
Consumer Name	: NARAYANA MEDICAL COLLEGE		
C/o	: MD.P.NARAYANA	Cat	: / Contr.Load : NA

Estimate Status : (ESTIMATE NOT APPROVED)

Application Reg. date	09.12.2014
Estimate Ceated by AE on	24.12.2014 (after 15 days)
Estimate Forwarded by AE on	24.12.2014 (after 0 days)
Estimate Forwarded by ADE on	24.12.2014 (after 0 days)

SL.No.	Proposals involves	Total in Rs.
1	10 - DETAILED ESTIMATE DATA - I	525924.24
2	20 - LABOUR & TRANSPORT	96475.00
Estimate Cost (Gross) :		622399.24
Less Credits(-) :		0.00
Estimate Cost (Net) :		622399.24

Less Credits (Optional):

S.No	Materials Code	Materials Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1		33 KV Metering CTs 100/1Amps 0.2 Class	Text item	3	ST	0.00	0.00
2		Devolution of HT Trivector Meter	Text item	1	ST	0.00	0.00
Total less credits							0.00

[Signature]
29/12
ADE/c

[Signature]
DE/T

[Signature]
SUPERINTENDING ENGINEER
OPERATION :: NELLORE.

E-2014-04-05-11-02-035

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

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520000081479



ESTIMATE NOT APPROVED

SOUTHERN POWER DISTRIBUTION COMPANY OF AP LIMITED

Activity No : 10

Activity Description : DETAILED ESTIMATE DATA - I

S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	WRS00005	G.I. WIRE 4MM (NO.8)	Stock item	30.000	KG	61.61	1,848.30
2	SSM00006	T CLAMPS FOR PANTHER TO PANTHERCONDUCTOR	Stock item	18	EA	98.74	1,777.32
3	SSM00004	PAD CLAMP FOR PANTHER CONDUCTOR-MOVING	Stock item	12	EA	89.72	1,076.64
4	MST00014	MS FLAT 50X6	Stock item	180.000	KG	53.89	9,700.20
5	MST00013	MS CHANNEL 75X40	Stock item	200.000	KG	53.89	10,778.00
6	MST00012	MS CHANNEL 100X50	Stock item	500.000	KG	53.89	26,945.00
7	MST00003	MS ANGLE 65X65X6	Stock item	90.000	KG	53.89	4,850.10
8	MST00003	MS ANGLE 65X65X6	Stock item	140.000	KG	53.89	7,544.60
9	MHT30058	33KV/110V HT TVR MTR 50/1A AMR (TOD&ABT)	Stock item	3	EA	60,500.00	181,500.00
10	ITR30101	33KV METRNG CT 50/1A CLASS 0.2S ACCURACY	Stock item	6	EA	13,833.00	82,998.00
11	ITR30012	33KV 1PH PT 100VA BURDEN CLASS 0.2	Stock item	3	EA	20,157.00	60,471.00
12	EMT00006	CI EARTH PIPE 80 MM DIA 2.5MTS LENGTH	Stock item	2	EA	2,471.00	4,942.00
13	CDR00010	ACSR CONDUCTOR PANTHER 200 Sq.mm	Stock item	50.000	M	131.08	6,554.00
14	CBP00002	PVC CU CONTR CABLE 4 CORE 2.5 SQ. MM	Stock item	120.000	M	66.00	7,920.00
15	BXS00041	HT METER BOX	Stock item	3	EA	4,120.00	12,360.00
16	BNT00028	MS BOLTS & NUTS 5/8" X 6"	Stock item	10.000	KG	80.63	806.30
17	BNT00026	MS BOLTS & NUTS 5/8" X 4"	Stock item	30.000	KG	80.63	2,418.90
18	BNT00025	MS BOLTS & NUTS 5/8" X 3"	Stock item	20.000	KG	80.63	1,612.60
19	ARS30004	33KV 800A CONV. AB SWITCH WITH P.T.I	Stock item	1	EA	27,280.00	27,280.00
Material Cost							453,382.96
3 % S & H Charges on materials:							13601.49
3 % Contingencies on materials:							13601.49
10 % Estt. & General Charges on material							45338.30
Total							525924.24

Q
29/12
ADJ/C

W
DE/H

W
SUPERINTENDING ENGINEER
OPERATION :: NELLORE.



SOUTHERN POWER DISTRIBUTION COMPANY OF AP LIMITED

Activity No : 20

Activity Description : LABOUR & TRANSPORT

S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10036	Fixing LT 3ph/1ph X Arm Inc Trspt,ld&uld	-	1	EA	70,000.00	70,000.00
2	SWR05049	Misc.material for commissioning activity	-	1	EA	15,000.00	15,000.00
Service Cost							85,000.00
Incidental expences @ 12.50% on service							10625.00
BW Welfare Cess @ 1% on service cost:							850.00
Total :							96475.00

29/12
A/S/C

11
DEPT

16
SUPERINTENDING ENGINEER
OPERATION :: NELLORE.

11
PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002

SOUTHERN POWER DISTRIBUTION COMPANY OF A.P. LIMITED
OPERATION CIRCLE ::: NELLORE

From
The Superintending Engineer,
Operation Circle, APSPDCL,
Nellore.

To
M/s. Narayana Medical College and Hospital,
Chintha Reddy Palem (V),
Nellore Rural (M),
SPSR Nellore Dt.

Lr.No.SE/O/NLR/ADE/Comml/F.Narayana/D.No. 1284 /16,Dt. 19 -07-2016.

Sub: - Elec., - Operation Circle, Nellore – Estimate for Providing of 1 No. Stand by ABT Meter to avail open access power to M/s. Narayana Medical College and Hospital, Chintha Reddy Palem village, Nellore Rurals Mandal, Nellore Operation Circle, SPSR Nellore Dt - Estimate Sanctioned & Execution of the work under Turn Key Basis – Reg.

Ref: - 1. Lr.No: CGM / O / DE / Comml / F.88 / D.No: 89 / 15, Dt: 29.01.15
2. Mem No: CE / Z / TPT / ADE / Comml / D.no: 205 / 15, Dt:31.01.2015

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In the reference 2nd cited, estimate for Providing of 1 No. Stand by ABT Meter to avail open access power to **M/s. Narayana Medical College and Hospital**, Chintha Reddy Palem village, Nellore Rurals Mandal, Nellore Operation Circle, SPSR Nellore Dt under Turn Key Basis was Approved by Chief Engineer / Zone / Tirupathi.and the same was sanctioned by Superintending Engineer / Operation / Nellore vide sanction No: **SE / O / NLR / HT / NP No: 74 /2014-15, Dt: 11.02.2015.**

In this regard you are requested to pay the following amounts before execution of the work.

(i) Quality control & Testing Charges	:	Rs. 1,00,931.00
(ii) Other charges (1% less)	:	Rs. 6,729.00

Total	:	Rs. 1,07,660.00

Or Say Rs.1,07,660/-

(Rupees One Lakh Seven Thousand Six Hundred and Sixty Only) is to be paid in favour of **Divisional Engineer / Operation / APSPDCL / Rurals / Nellore** in the form of a **Demand Draft** drawn from any **Nationalized Bank payable at Nellore** and same shall be handed over in the office of **Assistant Divisional Engineer / Operation / Rurals / Nellore.**

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NELLORE - 524 002

You have to procure the following equipment as per IS Specification as per sanction,

- ☞ 33 KV 50 / 1 Amps 0.2s Class Metering CTs : 6 Nos.
- ☞ 33 KV / 110 V Single Phase 100 KVA burden 0.2 Class PTs. : 3 Nos.
- ☞ 33 KV / 110 V, 50 / 1 HT Trivector Meters (TOD & ABT) : 3 Nos.

Further you have to follow the following conditions while procuring and execution of the works under Turnkey Basis.

1) The 33KV S-Phase 0.2 Accuracy are outdoor type oil filled voltage transformers conforming to IS:3156 (latest version) Part-I & II filled with fresh transformer oil conforming to IS:335 (latest version) suitable for solidly grounded system. (a) 1100/110V A.C 50 HZ Burden 100 VA / Phase Accuracy class:0.2 connection : Star/Star The Transformer shall be enclosed in sheet metal tank of rigid construction. The HV Terminals shall be brought out through 3 Nos. 12 KV Grade porcelain bushing of reputed make with suitable arrangements for bare external connection. The LV Terminals including natural shall be brought out through 4 Nos. 3KV bushings of reputed make into a weather proof secondary terminal box for conduit entry. The fuses on secondary side should be inside the terminal box. Terminal connectors suitable for DOG conductor shall be supplied. The PTs are to be guaranteed for 18 months from the date of commissioning and it is the responsibility of the consumer to replace the failed PTs within the guarantee period.

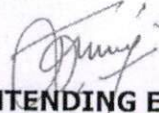
2) The 33KV metering 50/1A class 0.2s (Single ratio) current Transformers conforming to IS:2705 (latest version) part-I, II & III. All windings of CTs shall be insulated high grade electrolytic copper wire and manufacturing of units shall be done in completely closed and air conditioned room. Fiber glass insulation sleeves are to be provided for primary winding. The CTs shall be completed in all respects with first filling of oil compiling of IS:355 and with oil level indicator, with the suitable earthing terminal connectors. The LV terminals shall be brought out through 3KV bushings of reputed make with a weather proof secondary terminal box for conduit entry. The ends of primary winding shall be brought out through fully insulated outdoor bushings of reputed make terminal connectors suitable for panther conductor. The CTs are to be guaranteed for 18 months from the date of commissioning and it is the responsibility of the consumer to replace the failed CTs within the guarantee period.

3) The ABT meter are must be three phase 4W CT/PT operated 33KV/110V, 50/1A class 0.2s fully static AMR Compatible 4 Quadrant TOD Trivector energy meter with availability based tariff (ABT) feature. The ABT meters are to be guaranteed for 5 Years from the date of commissioning and it is the responsibility of the consumer to replace the failed ABT meter within the guarantee period.

5VA CT
10VA PT

- 4) The CTs, PTs and ABT meters are to be tested at any NABL laboratory in the presence of Divisional Engineer / M&P / Nellore.
- 5) It is responsibility of the concerned Assistant Divisional Engineer / Operation to look over the quality of the work.
- 6) It is the responsibility of the Divisional Engineer / M&P / Nellore to check measure the materials at the site before commencement of the said work duly collecting the bills for all the materials.
- 7) The work is to be executed by the approved contractors of APSPDCL duly following all other departmental procedures.

Further any clarification on the above subject please contact DE/O/Rurals / Nellore and DE/M&P/Nellore


**SUPERINTENDING ENGINEER
OPERATION :: NELLORE**

Copy to Divisional Engineer / Operation / Rurals / Nellore

Copy to Divisional Engineer / M&P / Nellore

Copy to Asst. Divisional Engineer / Operation / Rurals / Nellore

Copy to Senior Accounts Officer / Central Office / Nellore

Copy submitted to Chief Engineer / Zone / Tirupati


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