

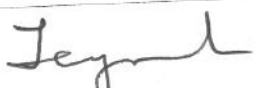
പതിനാലാം കേരള നിയമസഭ
പതിനൊന്നാം സമ്മേളനം

നക്ഷത്രചിഹ്നമിടാത്ത ചോദ്യം നം.3866

21.06.2018 ൽ മറുപടിയ്ക്ക്

ജ്യോതിസ്സ് പദ്ധതി

ചോദ്യം	ഉത്തരം
ശ്രീ. എം. വിൻസെന്റ്	ശ്രീ. എം. എം. മണി (വൈദ്യുതി വകുപ്പു മന്ത്രി)
(എ) അനർട്ടിന്റെ ജ്യോതിസ്സ് പദ്ധതിയെക്കുറിച്ച് (എ) വിശദവിവരം നൽകാമോ; ഈ പദ്ധതിയ്ക്ക് വേണ്ടി പരസ്യം ചെയ്ത പത്രത്തിന്റെ പകർപ്പും ചെലവായ തുകയുടെ ബില്ലിന്റെ പകർപ്പും ലഭ്യമാക്കാമോ;	റിന്യൂവബിൾ എനർജി സർവ്വീസ് കമ്പനി (RESCO) മോഡലിൽ, മേൽക്കൂരകളിൽ സോളാർ വൈദ്യുത നിലയം സ്ഥാപിച്ച് ഉപഭോക്താവിന് നിശ്ചിത നിരക്കിൽ വൈദ്യുതി നൽകുന്ന കേന്ദ്ര സർക്കാർ പദ്ധതിയാണിത്. ഈ പദ്ധതിയുടെ നടത്തിപ്പിനായി അനേർട്ട് നൽകിയ നാമകരണമാണ് ജ്യോതിസ്. പരസ്യം നൽകിയ പത്രത്തിന്റെ പകർപ്പും ബില്ലിന്റെ പകർപ്പും അനുബന്ധം (1) ആയി ചേർത്തിരിക്കുന്നു. .
(ബി) ജ്യോതിസ്സ് പദ്ധതിയെ സംസ്ഥാന (ബി) സർക്കാരോ കേന്ദ്ര സർക്കാരോ അംഗീകരിച്ച ഉത്തരവുകളുടെ പകർപ്പ് ലഭ്യമാക്കാമോ;	ജ്യോതിസ് പദ്ധതിയുമായി ബന്ധപ്പെട്ട് കേന്ദ്ര സർക്കാർ നടപടി ക്രമങ്ങൾ അനുബന്ധം (2) ആയി ചേർത്തിരിക്കുന്നു. .
(സി) മേൽ പദ്ധതിയുമായി ബന്ധപ്പെട്ട (സി) കറസ്പോണ്ടൻസ് ഫയലിന്റെയും നോട്ട് ഫയലിന്റെയും പകർപ്പ് ലഭ്യമാക്കാമോ;	ജ്യോതിസ്സ് പദ്ധതിയുമായി ബന്ധപ്പെട്ട കറസ്പോണ്ടൻസ് ഫയലിന്റെയും നോട്ട് ഫയലിന്റെയും പകർപ്പ് അനുബന്ധം (3) ആയി ചേർത്തിരിക്കുന്നു. .
(ഡി) ഈ പദ്ധതിയുമായി ബന്ധപ്പെട്ട് (ഡി) അപേക്ഷകൾ നൽകിയ സ്ഥാപനങ്ങളുടെ ലിസ്റ്റും ഓരോ സ്ഥാപനവും ക്വാട്ട് ചെയ്ത കിലോ വാട്ടും വ്യക്തമാക്കാമോ;	ഈ പദ്ധതി സോളാർ എനർജി കോർപ്പറേഷൻ ലിസ്റ്റ് ചെയ്ത കമ്പനികളാണ് നടപ്പിലാക്കുന്നത്. ആയതിനാൽ ഓരോ സ്ഥാപനവും ക്വാട്ട് ചെയ്ത കിലോവാട്ട് ലഭ്യമല്ല.
(ഇ) പ്രസ്തുത പദ്ധതിയുടെ സോളാർ യൂണിറ്റ് (ഇ) നിരക്ക് എത്രയാണ്; ഈ നിരക്ക് കേന്ദ്ര സർക്കാരാണോ സംസ്ഥാന സർക്കാരാണോ നിശ്ചയിച്ചത്; നിരക്ക് നിശ്ചയിച്ച ഉത്തരവിന്റെ പകർപ്പ് ലഭ്യമാക്കാമോ?	പ്രസ്തുത പദ്ധതിയുടെ സോളാർ യൂണിറ്റ് നിരക്ക് 3 രൂപ 97 പൈസയാണ്. ഈ പദ്ധതിക്കായി കേന്ദ്ര നവ നവീകരണീയ മന്ത്രാലയത്തിനു കീഴിലുള്ള കമ്പനിയായ സോളാർ എനർജി കോർപ്പറേഷൻ ആണ് ടെൻഡർ വഴി റേറ്റ് നിജപ്പെടുത്തിയത്. നിരക്ക് നിശ്ചയിച്ച ഉത്തരവിന്റെ പകർപ്പ് അനുബന്ധം (4) ആയി ചേർത്തിരിക്കുന്നു


സെക്ഷൻ ഓഫീസർ

A

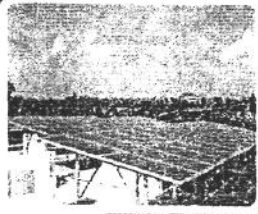
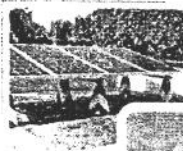


ജ്യോതിസ്

SOLAR PROJECT TO REDUCE NON-PLAN EXPENDITURE

for

CENTRAL/STATE GOVERNMENT ORGANIZATIONS



- Zero implementation Cost
- Free Operation and Maintenance for 25 Years
- Fixed Tariff of INR 3.97 per Unit for 25 Years
- Plant size - Minimum 50 kW
- Shadow Free area required - Minimum 5000 sq.ft

For more details visit:
www.anert.gov.in

**ONE DAY SEMINAR ON 16TH JANUARY 2018
FOR REGISTERED ORGANIZATIONS**

Last Date for Registration : 10.01.2018

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ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY AND RURAL TECHNOLOGY (ANERT)

Power Department, Govt. of Kerala

PMG-Law College Road, Vikas Bhavan PO., Thiruvananthapuram, Kerala-695 033, India.

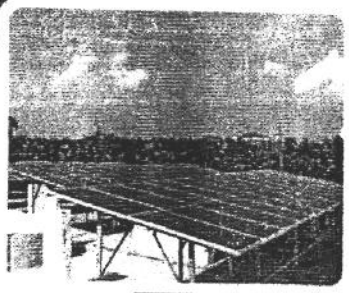
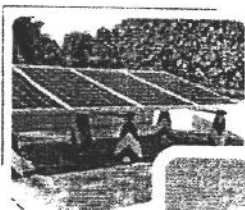
Phone: +91 471 2334122, 2338077, Fax: +91 471 2329853 | Web: www.anert.gov.in

Tollfree Number : 1800 425 1803



കേന്ദ്ര/സംസ്ഥാന സർക്കാർ സ്ഥാപനങ്ങൾക്കു വേണ്ടി

പദ്ധതിയേതര ചെലവ് കുറയ്ക്കാൻ സൗരോർജ്ജ പദ്ധതി



- മുതൽ മുടക്കില്ല.
- ആവർത്തന ചിലവിലൊരതെ 25 വർഷം.
- യൂണിറ്റിന് 3 രൂപ 97 പൈസ മാത്രം.
- ആവശ്യമായ ഏറ്റവും കുറഞ്ഞ വസ്തിർണ്ണം 5000 sq. ft.
- ചുരുങ്ങിയ സ്ഥാപിത ശേഷി 50 kW

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രജിസ്ട്രാർ ചെയ്യുന്നവർക്ക് വേണ്ടി
2018 ജനുവരി 16 ന്, ശിൽപ്പശാല
രജിസ്ട്രാർ ചെയ്യുവാനുള്ള അവസാന തീയതി: 10.01.2018



അനേർട്ട്

ഏജൻസി ഫോർ നോൺ കൺവെൻഷണൽ എനർജി & റൂറൽ ടെക്നോളജി
(കേരള സർക്കാർ ഊർജ്ജ വകുപ്പിന്റെ അക്ഷയോർജ്ജ വികസന സ്ഥാപനം)
വികാസ് വേൾ പി.ഒ, തിരുവനന്തപുരം 33, ട്രോൾ ഫ്രീ നമ്പർ: 1800 425 1803
Phone: 0471-2338077, 2333124, 2331803, Fax: 0471-2329853

INVOICE

11 JAN

The Director
ANERT
Trivandrum
Kerala
GSTIN/UIN : 32AAAGA00810421
PAN/IT No
State Name : Kerala, Code : 32

Invoice No.	NBT 0959-17
Date	28-Dec-2017
RO No.	05T-1132, 05T-1133, 05T-1134, 05T-1135, 05T-1136, 05T-1137
RO Date	28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017
Caption	JYOTHIS

SI No.	PUBLICATION / EDITION	POSITION	HUE	SIZE (W x H)	INSERTION DATE	TOTAL SPACE	RATE	AMOUNT
1	MALAYALA MANORAMA TVM+KLM+KTM+PTA+ALPY	GOOD	Colored	12.2 X 15	28-Dec-2017	183 SQ.CM	2730 sq.cm	4,99,590.00
2	MATHRUBHUMI ALL KERALA	GOOD	Colored	12.1 X 15	28-Dec-2017	181.50 SQ.CM	2800 sq.cm	5,08,200.00
3	DESHABHIMANI ALL KERALA	GOOD	Colored	12.2 X 15	28-Dec-2017	183 SQ.CM	1600 sq.cm	2,92,800.00
4	THE HINDU ALL KERALA	ANY RH PAGE TOP	Colored	12 X 15	28-Dec-2017	180 SQ.CM	1145 sq.cm	2,06,100.00
5	THE NEW INDIAN EXPRESS ALL KERALA	GOOD	Colored	12.1 X 15	28-Dec-2017	181.50 SQ.CM	550 sq.cm	99,825.00
6	TIMES OF INDIA+ ET ALL KERALA	GOOD	Colored	12 X 15	28-Dec-2017	180 SQ.CM	474 sq.cm	85,320.00

PAN No. : AABFC6512C

Company's Bank Details

Bank Name : OBC,TVM
A/c No. : 03005010000070
Branch & IFS Code : M.G.Road &
ORBC0100300

Total	16,91,835.00
Less : Special Discount	(-)2,10,633.46
CGST	37,030.04
SGST	37,030.04
Round Off	0.38
GRAND TOTAL	15,55,262.00

In words: INR Fifteen Lakh Fifty Five Thousand Two Hundred Sixty Two Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
998363	14,81,201.54	2.50%	37,030.04	2.50%	37,030.04	74,060.08
Total	14,81,201.54		37,030.04		37,030.04	74,060.08

Tax Amount (in words) : INR Seventy Four Thousand Sixty and Eight paise Only

Narration:

for Chakra Communications

Authorised Signatory

Receipt No: 11286/2018/TECHNICAL ANERT



The Malayala Manorama Company Limited

P.O. No. 26, Kottayam - 686 001, Kerala, India Phone: 2563646, 2563656

Fax: 91-481-2562479

Established 1888

TAX INVOICE
Advertisement Bill

Place of Supply: KERALA

Ref: 0217606566	Publication: MANDRAMA DAILY-DE
QST No. 32AABFC6512C1Z9	Bill No.: KLO194217245
CHAKRA COMMUNICATIONS	Bill Date: 28. 12. 2017
VANROSS JUNCTION	Agency Code: 6027084(C272)
TRIVANDRUM	Caption/Heading: ANERT TRIVANDRUM
THIRUVANANTH - 695001	Work Order No.: 12219044/Pan. AABFC6512C
	Voucher Copies: 00001

KERALA [32]

Agency: Description of Service: PRINT

R/O No. & Date: ANERT SAC/HSN: 998363

CHAKRA COMMUNICATIONS, THIRUVANANTH
1132, 26. 12. 2017 Publishing Particulars

KKM	28/12/17(5).
ALP	28/12/17(5).
PTA	28/12/17(5).
KLM	28/12/17(5).
TVM	28/12/17(5).

Particulars	Insns	Size	Rate	Amount
SQCM ORD 12.200 x 15.000		183.00	2730.00	499590.00
TD 15.00-% GN 499590.00				-74938.50
Round Off				-0.10
SGST 2.5% on 424651.50				10616.30
COST 2.5% on 424651.50				10616.30
PAN No. AAAC7 75976, Service Tax Reg. No. AAAC75976ST001				
CIN: U22121KL1887PLC000647				
E.&O.E.	Total Amount Due			
Rupees	INR			445884.00
FOUR LAKH FORTY-FIVE THOUSAND				
EIGHT HUNDRED EIGHTY-FOUR ONLY				

Notes:

1. Payment must be made by Cheque/Draft drawn in favour of "The Malayala Manorama Company Ltd."
2. Interest @ 12% per annum shall be charged if the payment is not made within the credit period.
3. Bank charge is payable on outstation cheques.
4. Disputes if any, regarding published advertisements must reach us within 15 days from the date of the bill.

Thank you for using our service

Tax Payable on reverse charge basis: No

F/005542

Issue No.: 1

For The Malayala Manorama Company Ltd.

Vice President, Marketing, Advertising Sales

Billing Addr:

M/S. Malayala Manorama Company

KK Road

IND-686001 KOTTAYAM

[KERALA-32]

10

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

New No. 71, Old No. 42, New Decor Towers-3rd Floor, Dr. Radhakrishna
Sai, Mysore Chennai 600 004
Phone: 044-28112062-28112063 Fax: 044-28112066
email: mbladyt@mpp.co.in web: www.maineblum.com

GSTIN: 33AAACT8521G1ZK

Date: 12-22-17

26 11 2017

Box No

Tax Payable on Reverse Charge : No SAC Code: 998363-63

THANK YOU FOR ADVERTISING WITH US. WE LOOK FORWARD TO YOUR CONTINUED PATRONAGE.

29/2017
Receipt No.: 11288/2018/TECHNICAL ANERT**Deshabhimani Publications**DESHABHIMANI BUILDINGS ARISTO JUNCTION
THAMPANOR, THIRUVANTHAPURAM PIN: 695001, Tel:- 0471 2701846
Email:- deshffn@gmail.com, Web: www.deshabhimani.com**Advertisement Bill/Tax Invoice**

Original for Recipient

Invoice To

Chakra Communications

Chakra Towers, Vanross Jn, Trivandrum-1

CODE : 278

STATE : kerala

STATE CODE : 32

GSTIN : 32AABFC6512C1Z9

R.O No. : DST-1134

R.O Date : 26-12-2017

Invoice Details

Invoice No : HO/28745

Invoice Date : 28-12-2017

PAN : AAABD0507F

GSTIN : 32AAABD0507F1ZK

State : KERALA

State Code : 32

Publication : Deshabhimani Daily

Insertion Date	Tariff Rate	Sq.Cm	TVM	KTM	CHN	TCR	MPM	CLT	KNR	Total Amt
28-12-2017	1600.000	15x12.2	14	14	14	14	14	16	16	292800

Caption : JYOTHIS

Ref : ANERT, TRIVANDRUM

Remarks :

Bank Details:

Bank Account Number : 204100301000193

IFSC : VIJB0002041

Bank Name : VIJAYA BANK

Branch : Trivandrum

Service Description

Service Type : Sale of advertising space in print

Service Accounting Code : 998363

Trade Discount(15%)

43920

Total Amount Before Tax

248880

Add: CGST (2.5%)

6222

Add: SGST (2.5%)

6222

Add: IGST (0%)

0

Total Tax Amount

12444

GST on Reverse Charge

0

Total Amount After Tax

261324

(Two lakh sixty one thousands three hundred and twenty four Rupees)

Terms & conditions : All remittance to be made to Deshabhimani Publications by means of online transfer, crossed demand drafts or cheques. 12.5% extra will be levied if payment is not made, within the agreed credit period. Please ignore this NOTE if payment is already made.



For Deshabhimani Publications

Advertisement Manager

THANK YOU FOR YOUR BUSINESS !

1011424 | 27122-6-1001

20/ 167

Cons Limited

501 H, Airport Road, Vallakadavu.

Thaparam - 695 008

ERALA

710TN1940PLC001091

998363

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GROUP OF PUBLICATIONS

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Fax : 0471 - 2502016

Website : www.thehindu.com

E-mail : advtaoets@thehindu.co.in

~~ACCREDITED~~

1195655

~~ADVERTISEMENT TAX INVOICE~~

R.O. No. 1

DST-1135

28 12 2017

R.O. Date:

26.12.2017

No. 2000049233

Advertisers :-

510143000

CHAKRA COMMUNICATIONS

CHAKRA TOWERS, 3RD FLOOR,

VANROSS JUNCTION,

P. B. NO: 200 GPO

Trivandrum 695001

32AABFC6512C1Z9

32

ANERT - AGENCY FOR NON-CONVENTIONA ENERGY & R
CURRENCY : INR

[illegible]

DATE: 28.02.2018 INTEREST @ 15 % P A WILL BE CHARGED IF NOT PAID
BEFORE DUE DATE

ACK30-00H GST ID : 32AAACK3000H1ZD

EVERSE FOR RTGS AND OTHER DETAILS)

Associate Vice President
Advertisement Commercial

KERALA 5

ets scions of Panakkad

late conference beginning in Tirurangadi today

C.K.M. Saadik Mushar, and Samastha education board general secretary M.T. Abdullahi Mushar said that nobody from Samastha could cooperate with the Mujahids who were considering the vast majority of Sunnis in the State as "polytheists".

They said the Mujahids had destroyed the Islamic cultural legacy by demolishing shrines and disowning Madhabs and imams.

Rahmathullah Qasimi, a young leader of the Samastha, went a few steps further

and launched a scathing attack against Panakkad family members Rasheedat Shihab Thangal (who is Ward Board chairman) and Munawwar Shihab Thangal (who is the youngest son of former UML leader Sayed Mohammed Shihab Thangal). Mr. Qasimi reminded the Panakkad family not to forget the legacy of Islam they got and not to ignore the path shown by their forefathers.

"The Mujahids consider you kinsmen of polytheists. They call you Mushriks. How

can you attend the meeting even when they don't consider you Muslim?" he asked.

Mr. Qasimi reminded them that none of their fathers or grandparents had attended a meeting called by the Mujahids. Mr. Qasimi also attacked the UML leadership, particularly its MPs, for falling prey to the temptations of the temporal world. "Stay away from luxury. Come down to feel the misery of the poor. That's what your forefathers did," Mr. Qasimi told the Sayeds.

Three PWD officials

suspended

SPECIAL CORRESPONDENT

Three PWD officials, Assistant Executive Engineer K.V. Sajeer and overseer Moondeen of the Public Works Department have been placed under suspension for fabricating the bill for the Kufuva-Chattuparamb road, Perinthumanna, without executing the works in 2014. Minister for Public Works G. Sudhakaran said the action is on the basis of recommendation of the Finance Inspection Wing.

hands: VS

commitment



he Umassan Madhavan
Mr. S. Achuthanandan

his former position, he could do much in his present position as Director of Employment. "There is no need to fear anything if you have commitment to the people and your work is guided by honesty and sincerity," he told the young IAS officer.

Following the award, Mr. Venkaraman announced that he was donating the entire purse of ₹25,000 for payment as fee for the birth certificates of Advaita Chul



ജോലി

**SOLAR PROJECT TO REDUCE
NON-PLAN EXPENDITURE**

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CENTRAL/STATE GOVERNMENT ORGANIZATIONS



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- Shadow free area required - Minimum 6000 sq.ft

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B

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7

No. 30/11/2012-13/NSM
Government of India
Ministry of New and Renewable Energy

Block No. 14, CGO Complex,
Lodhi Road, New Delhi-110003

Dated: 26th June, 2014

To
The Pay and Accounts Officer,
Ministry of New and Renewable Energy,
New Delhi.

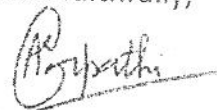
Subject: Continuation of "Off-Grid & Decentralized Solar Applications" Scheme
in the 2nd Phase of the Jawaharlal Nehru National Solar Mission during
12th Plan Period including 2014-15: Guidelines "Grid-Connected Rooftop
and Small Solar Power Plants Programme"

Sir,

In continuation to the Administrative Approval for continuation of "Off-Grid
& Decentralized Solar Applications" Scheme in the 2nd Phase of the Jawaharlal
Nehru National Solar Mission during 12th Plan Period issued vide
No. 30/11/2012-13/NSM dated 26th May, 2014, I am directed to issue the
Guidelines for implementation of the "Grid Connected Rooftop and Small Solar
Power Plants Programme" of the Ministry (Annexure).

2. This issues in exercise of powers delegated to this Ministry and with the
concurrence of IFD dated 01.06.2014 vide their Dy. No. IFD/435/14-15 dated
09.06.2014 and with the approval of competent authority.

Yours faithfully,



(Dr. Arun K Tripathi)

Director /Scientist 'F'

Tele Fax -011-24363035

E-mail : aktripathi@nic.in

Website: www.mnre.gov.in

Copy for information and appropriate action to:-

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2. Department of Public Enterprises (DPE), Block 14, CGO Complex, New Delhi
3. Principal Director of Audit, Scientific Audit-II, DGACR Building, I.P. Estate, Delhi-110002
4. Principal Secretaries/Secretaries (Energy Departments) all States /UTs
5. All State/UT Nodal Agencies (by name)
6. All Municipal Commissioners
7. CMD, IREDA, 1st floor, East Court, Indian Habitat Centre , Lodhi Road, New Delhi
8. Director General, Bureau of Indian Standards, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi
9. D.G., National Institute of Solar Energy, Gwal Pahari, Gurgaon, Haryana
10. MD, Solar Energy Corporation of India, D-3, A Wing, 1st Floor, Religare Building , District Centre , Saket, New Delhi-110017
11. National Housing Bank and all nationalized Banks.

Copy to:

1. PS to Hon'ble Minister of State for Power, Coal and New and Renewable Energy, Shram Shakti Bhawan, New Delhi.
2. PSO to Secretary, MNRE
3. PS to AS&FA, MNRE
4. JS(AS)/JS(TK)
5. All Advisers & Group Heads
6. All Under Secretaries in MNRE
7. Director (NIC) to upload this on the Ministry's website
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(Dr. Arun K Tripathi)
Director /Scientist 'F'

Annexure

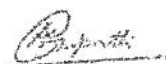
Off-Grid and Decentralized Solar Application Scheme: Operational Guidelines for Grid Connected Rooftop and Small Solar Power Plants Programme**I. Background:**

The Government had launched Jawaharlal Nehru National Solar Mission during 2010-11, which is a major initiative of the Government of India and State Governments to promote ecologically sustainable growth while addressing India's energy security challenge. It will also constitute a major contribution by India to the global effort to meet the challenges of climate change.

The immediate aim of the Mission is to focus on setting up an enabling environment for solar technology penetration in the country both at a centralized and decentralized level. The first phase (up to 31st March 2013) focused on promoting off-grid systems including hybrid systems to meet / supplement power, heating and cooling energy requirements. Based on the experience gained during the 1st phase of the Mission, the programme is being expanded with a focus on energy access and replacement of fossil fuels with renewable energy. These systems still require interventions to bring down costs but the key challenge is to provide an enabling framework and support for entrepreneurs to develop markets. The scheme is completely demand driven.

Solar energy including thermal and PV is second largest renewable energy source after wind energy. Around 60 million households worldwide use solar hot water collectors. Total Worldwide installed capacity is 235 GWth (335 million sqm.). India was ranked 4th in the world in terms of new capacity addition during the year 2011. Installed capacity for India stands at 7.281million sq m² equivalent to 5082 MWth till 30th October 2013. Worldwide these achievements were possible with interventions in the form of capital subsidy/incentive in Electricity bill/ mandatory provision through heat laws.

In India Fossil fuels are being used for process heating, drying, distillation/ desalination, water heating, space heating, refrigeration and power/electricity generation. Nearly 25 million households are using electric geysers, consuming ~7500 GW-hr of electricity (assuming minimum annual consumption of ~600 kWh/ year/ geyser) and 15 million tons/year of petroleum fuels are used in industries in thermal form at temperatures below 300°C. It is assumed that 30% of



energy consumed in industry is used for heating water, which shows that there is a huge potential.

There is a large potential available for generating solar power using unutilized space on rooftops and wastelands around buildings. Small quantities of power generated by each individual household, industrial building, commercial building or any other type of building can be used to partly fulfill the requirement of the building occupants and surplus, if any, can be fed into the grid. The roof-top SPV systems on building's roof space can be installed to replace DG gensets for operation during load shedding.

The price of power generated from solar plants installed today is at par with or lower than the commercial tariff for consumers. The cost of solar power is on the decline trend while the cost of fossil fuel based electricity is increasing day by day.

The cost of generating solar power at present is a little higher than the tariff charged from consumers by Distribution Licensees/DISCOMS in most cases (other than commercial). With the capital subsidy (upto 30%) or so, it may be possible to generate power between Rs.5.0 -6.50 per unit for the next 20 years, which is cheaper than the diesel gen-set based electricity and this could also be cheaper than the cost at which most Distribution Licensees/DISCOMS would make power available to the same consumer. It is therefore important to popularize the use of solar energy so that people gain confidence and then its use can increase on its own.

II. Scheme

Grid Connected Rooftop and Small Solar Power Plants Programme

1.0 Grid connected Rooftop Solar Power Plant

1.1 In grid connected rooftop or small SPV system, the DC power generated from SPV panel is converted to AC power using power conditioning unit and is fed to the grid either of 33 kV/11 kV three phase lines or of 440/220 Volt three/single phase line depending on the capacity of the system installed at institution/commercial establishment or residential complex and the regulatory framework specified for respective States. They generate power during the day time which is utilized fully by powering captive loads and feed excess power to the grid as long as grid is available. In case, where solar power is not sufficient due to cloud cover etc., the captive loads are served by drawing power from the grid. The grid-interactive rooftop system can work on net metering basis wherein the beneficiary pays to the utility on net meter reading basis only. Alternatively two meters can also be installed to major the export and import of power separately. The mechanism based on gross metering at mutually agreed tariff can also be adopted. Many such power plants can be installed at the roofs of residential and



commercial complex, housing societies, community centers, government organizations, private institutions etc.

1.2 Ideally, grid interactive systems do not require battery back-up as grid acts as the back-up for feeding excess solar power and vice-versa. However, to enhance the performance reliability of the overall systems, a minimum battery back-up of one hour of load capacity is recommended. In grid interactive systems, it has, however to be ensured that in case the grid fails, the solar power has to be fully utilized or stopped immediately feeding to the grid (if any in excess) so as to safe-guard any grid person/technician from getting shock (electrocuted) while working on the grid for maintenance etc. This feature is termed as 'Islanding Protection'.

1.3 The grid connected rooftop solar photovoltaic power generation plants, generates electricity at the consumption center and hence contributes to reducing the network losses of the distribution licensee. The electricity generation shall also contribute to meeting the demand and supply gap and shall also enable the obligated entities for complying with their solar purchase obligation targets as specified by appropriate Electricity Regulatory Commissions'. India has a huge potential for deployment of grid connected rooftop solar photovoltaic power generation plants and the MNRE envisages harnessing this potential.

2.0 Objective of the Programme

- To promote the grid connected SPV rooftop and small SPV power generating plants among the residential, community, institutional, industrial and commercial establishments.
- To mitigate the dependence on fossil fuel based electricity generation and encourage environment friendly Solar electricity generation.
- To create enabling environment for investment in solar energy sector by private sector, state government and the individuals.
- To create enabling environment for supply of solar power from rooftop and small plants to the grid.
- To encourage innovation in addressing market needs and promoting sustainable business models and ensure employment opportunities.
- To provide support to channel partners and potential beneficiaries, within the framework of boundary conditions and in a flexible demand driven mode.
- To create a paradigm shift needed for commoditization of grid connected SPV rooftop applications.
- To support consultancy services, seminars, symposia, capacity building, awareness campaigns, human resource development, etc.
- To encourage replacement of diesel, wherever possible.

3.0 Scope of the Programme:

3.1 The programme would be applicable in all parts of India and would, to begin with, be co-terminus with the Jawaharlal Nehru National Solar Mission and will, Inter alia, focus on promoting grid connected solar rooftops and small power plants to



meet/ supplement electricity/power requirements. The Project Appraisal Committee could also examine other feasible hybrid technologies for inclusion in the Programme.

3.2 The grid connected rooftop solar photovoltaic power generation plants up to a maximum capacity of **500 kWp** per project/system to generate electricity/power would be eligible under the Programme. The minimum capacity of **1.0 kW** would be eligible under this programme. The programme may be implemented in Urban and Rural Areas as well. The programme encourages installation of rooftop solar photovoltaic power generation plant for self-consumption as well as supply/sale of electricity to the grid.

3.3 The programme will also cover some R&D work related to suitable meters, grid connectivity, online monitoring, software development, establishment of testing facilities, state specific studies on potential assessment, system package development, policy development, engagement of consultants, seminars/workshops, capacity building & trainings, awareness campaigns, preparation of literature/guidelines, innovative projects, IT enabled monitoring mechanisms, evaluation and other studies etc.

4.0 Implementation Arrangements:

4.1 The programme would be implemented through multiple agencies for rapid up-scaling in an inclusive mode. These agencies would be State Nodal Agencies/Depts. implementing the renewable energy programmes, Solar Energy Corporation of India and other Govt. organizations i.e. PSUs/Institutions/State Departments/Local Governments/Municipal Corporations/NHB/IREDA/DMRC, Metro Rail Corporations of other States etc. The Distribution Licensees/DISCOMs will also be eligible for direct implementation of the programme. Channel partners may also be considered for some cases.

4.2 The implementation will be carried out in both programme/project modes. The projects upto 50 kWp can be implemented in programme mode while projects above 50 kWp will be done on project mode. Following categories of implementing agencies will be utilised:-

(i) State Nodal Agencies(SNAs)

State Nodal Agencies/Depts. for implementing various renewable energy programmes have been established under the control of respective State Governments. The projects up to 50 kWp can be implemented in programme mode. Beyond 50 kWp the implementation will be in project mode. The yearly target will be allocated to the States/SNAs depending upon their interest, demand and the capability in the beginning of the Financial Year (FY) or even in February for the preceding year. About 10% of eligible CFA can be released in advance at the time of target allocation. The SNAs will keep/maintain all applications and records with them and will submit the requisite brief about the beneficiaries/projects duly



certified by them. These records will be made available for the audit purpose or to the inspecting team/MNRE officials etc.

(ii) Solar Energy Corporation of India (SECI)

The **Solar Energy Corporation of India** is a section 8 company established under the JNNSM as a company not for profit under the administrative control of MNRE. The SECI will submit the plan for implementation, as and when necessary and depending upon the feasibility and availability of funds the MNRE after taking into account the feasibility shall consider the plan or may suitably modify the plan before approval. SECI shall set up the allotted capacity/projects following the competitive bidding route.

(iii) Channel Partners

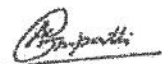
These channel partners would help the individuals and small groups of clients to access the provisions/benefits available under the programme. The Channel Partners enable significant reduction in the administrative/transaction cost and help in timely implementation of the projects. The Channel Partners which would be used for implementation could include the following:-

- a) Renewable Energy Service Providing Companies (RESCOs)
- b) System Integrators
- c) Manufactures of any component of the Solar Plants
- d) Project developers
- e) Vendors/ suppliers of solar equipment
- f) Reputed and relevant NGOs of National level

All Channel Partners will need to submit the proposals in the prescribed format. The online mechanism will be developed /preferred. They will follow all terms and conditions, of scheme and technical specifications as specified by MNRE time to time and will ensure the quality work.

Channel Partners will be empanelled by MNRE based on certificate from a rating agency in the country for technical and financial strength. The rating agencies would check the net worth/ turnover of the participating entity, its technical capability of supplying, installing and providing after sales service, track record and tie-ups with the equipment suppliers. Reputed Govt. technical Institutions could be exempted from the accreditation by rating agency on submission of their application with MNRE based on criteria defined for this purpose.

A transparent methodology for accrediting these entities by MNRE will be put in place. The empanelment would be done initially for 2 years which may be extended further on merit. Those channel partners who are already empanelled by MNRE under 'Off-grid and Decentralized Solar Applications' Scheme would also be considered based on their performance for the grid connected rooftop plants also. The channel partners already selected may also be notified under the programme.



Detailed Guidelines for accrediting/empanelling channel partners will be separately put in place by MNRE, or by SNAs, if the later is so directed by MNRE to empanel Channel Partners.

(iv) Financial Institutions/Financial Integrators

The financial Institutions and financial Integrators i.e., NABARD, National Housing Banks, other Banks, IREDA, SECI etc. will also be eligible for implementing the programme. They may source funds from MNRE, their own resources or any other sources i.e., carbon credits, National Clean Energy Fund, funds from States, beneficiary contribution, CSR sources etc..

(v) Other Govt. Departments/Agencies

The other Govt. Departments/Agencies i.e., Railways, Defence/Para Military Forces, Local Government Bodies including Municipal Corporations/Municipalities, PSUs, Institutions, Development Authorities, DMRC, State Departments interested in directly implementing the programme will also be encouraged. They may directly implement their own projects for meeting their large scale demands or other projects.

5.0 Project Cost, Benchmark Cost and Central Financial Assistance

5.1 The project cost of a grid connected rooftop PV system will include the hardware i.e., PV modules, inverters, meters, support structures, charge controllers, cables and minimum battery required to ensure smooth operation. It will also include cost of transportation, installation, connectivity, civil works and operation and maintenance for five years along with warranty of the system.

5.2 The benchmark cost may be fixed by MNRE on yearly/half yearly basis. The Central Financial Assistance (CFA) would be 30 % / 70% of the benchmark cost or the actual project cost as applicable, whichever is lower. The level of CFA may be revised by MNRE from time to time.

6.0 Funding Pattern.

6.1 Funding under the scheme would be in Project mode for systems larger than 50 kWp or equivalent, i.e. there must be a project report which would, inter alia, include client details, technical & financial details, O&M and monitoring arrangements. For lower capacity systems, i.e., below 50 kWp this would be operated in programme mode. Project proposals shall be submitted to the MNRE in the prescribed formats for small capacity systems. For the proposals upto 5 kWp the exact address of the beneficiary, project details with project cost etc. will be submitted by the implementing agencies in the list mode duly certified by them that their individual applications, beneficiary's identification, photo and the system photographs have been kept and maintained in their office for any audit and inspection purpose. For the projects from 5 kWp to 50 kWp the proposals shall be submitted in the prescribed format. For the projects above 50 kWp the proposal



along with detail project report will be submitted. The total project cost shall be funded through CFA, and the users/beneficiary contribution. The beneficiary could also obtain loan from the Bank at commercial interest for meeting a cost of the power plant. Techno-economic specifications for a minimum cut-off level for the requirement of the project mode would be specified by MNRE.

6.2 MNRE would provide financial support in accordance with the benchmark cost and subsidy levels fixed by MNRE every year or on half yearly basis. The present CFA would be 30% of the benchmark cost of the grid connected rooftop and small solar power plants. However, it can be revised by MNRE time to time. The benchmark cost of a PV system will include the hardware cost up to the site including PV modules, inverters, minimum storage battery, cost of meters, local connectivity cost, cost of civil works, foundations, installation, operation and maintenance for a period of five years, comprehensive maintenance for a period of 5 years, warranty for the complete systems, etc.

6.3 In Special Category states viz. North Eastern States, Sikkim, Jammu & Kashmir, Himachal Pradesh and Uttarakhand, Lakshadweep, A&N Islands etc. the CFA upto 70% may be provided. This subsidy pattern can be accessed ONLY by Central and State Government Ministries, Departments and their organizations, State Nodal Agencies, SECI and Local bodies. This will be applicable for the projects at Central and State Government Ministries and their organizations (excluding PSU/Corporate buildings); Government Educational Institutions, Hospitals, community centers, Anganwadis, Panchayat Ghars, State/Central Government Buildings, Municipal Corporation Buildings, , Police Stations, Police Posts, vocational training centers, Government hostels etc. depending on requirement.

6.4 Upto 3.0 % of CFA would be admissible as service charges to State Nodal Agencies, SECI/NHB/IREDA/DMRC or other govt. agencies etc. This would be provided by MNRE, in addition to the CFA. The amount of CFA to be given to the State Nodal Agencies/ SECI etc. as service charges would be determined as follows:-

- (a) Efforts made in preparing innovative cases by deploying staff in the field preparing DPRs etc. and having dedicated units at Head Office for such purpose.
- (b) Providing technical assistance / help in implementation of the schemes.
- (c) Having an IT based real time monitoring mechanism in place to reflect not only the progress during implementation but also performance after installation.
- (d) MNRE may retain appropriate amount out of this 3% and provide to SECI or some other organization to give technical support to such Nodal Agencies which may be weak or not having enough technical staff. Experts or qualified professionals may also be placed with SNAs.
- (e) Detailed guidelines on this will be issued in a month's time from the date of approval.



6.5 Some R&D work related to suitable meters, grid connectivity, online monitoring, software development, establishment of testing facilities etc. will also be supported under this programme on merit. The state specific studies on media publicity/ potential assessment, system package development, policy development engagement of consultants etc. will be supported under the programme. Upto 1% of the total budget would be earmarked for this purpose.

6.6 CFA for organizing seminars/workshops, trainings, awareness campaigns preparation of literature/guidelines, innovative projects or other miscellaneous work etc. can be provided depending on merit. A total fund of upto 2% would be earmarked and about 100 such activities are proposed during the 12th Plan across the country.

6.7 In order to manage the all activities in MNRE, a project management cell, engagement of consultancy organization may be done. A total fund of upto 0.50 % may be utilized for the Project Management Cell/engagement of consultancy organization etc.

6.8 The CFA from MNRE would not preclude the channel partners from availing other fiscal and financial benefits being provided by State, Central Governments and any other agency so long as the same is clearly disclosed in the project report. They could also try to access a combination of capital subsidy and allow cost interest for the end consumer, provided they can tie up with lending institutions. These lending institutions could then enter into an agreement for refinance/ interest subvention with IREDA/other suitable institutions.

6.9 The present benchmark price for photovoltaic systems without battery back-up support is considered as Rs.100/-per Wp for the systems upto 100 kWp and Rs. 90/- per kWp for the systems 100-500 kWp. This may be revised from time to time.

6.10 MNRE may work out a mechanism of disbursing subsidy through SECI/IREDA/any suitable government institution in a phased manner.

7.0 Business models for grid connected rooftop and small solar power plants

For the successful smooth operation of rooftop and small solar power plants, various situations and conditions based models may be worked out to make it a workable business model. The business models must be in accordance with the prevailing legal framework. There can be many possible business models, some of which can be considered are as follows:

(a) Solar installations owned by consumer

- i) Solar Rooftop facility owned, operated and maintained by the consumer(s).



- ii) Solar Rooftop facility owned by consumer but operated and maintained by the 3rd party.

(b) Solar installations owned, operated and maintained by 3rd Party

If the 3rd party implements the solar facility and provides services to the consumers, the surplus electricity may be injected to the electricity grid. The combinations could be:

i) Arrangement as a captive generating plant for the roof owners

The 3rd party implements the facility at the roof or within the premise of the consumers; the consumer may or may not invest as equity in the facility as mutually agreed between them. The 3rd party may also make arrangement of undertaking operation and of maintenance of the facility. The power is then sold to the roof owner.

ii) Solar Lease Model, Sale to Grid

The 3rd party implementing the solar facility shall enter into a lease agreement with the consumer for medium to long term basis on rent. The facility is entirely owned by the 3rd party and consumer is not required to make any investment in facility. The power generated is fed into the grid and the roof top owner gets a rent.

(c) Solar Installations Owned by the Utility

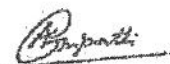
i) Solar installations owned operated and maintained by the DISCOM

The DISCOM may own, operate and maintain the solar facility and also may opt to sub contract the operation and maintenance activity. The DISCOM may recover the cost in the form of suitable tariff. The electricity generation may also be utilized by DISCOM for fulfilling the solar renewable purchase obligation.

ii) Distribution licensee provides appropriate viability gap funds

The DISCOM may appoint a 3rd party to implement the solar facilities on its behalf and provide appropriate funds or viability gap funds for implementing such facility. It may also enter into an agreement with the 3rd party undertaking the operation and maintenance of the solar facilities.

There can be many such business models which may be developed/adopted depending upon the market conditions, user's interest, and initiatives by the ESCOs.



8.0 Requirements for grid connected rooftop and small solar plants

The following points may be considered:

i) **Connectivity Regulations**

Central Electricity Authority (CEA) has notified "**CEA (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013**". This standard provides necessary guidance to Distribution Licensee/DISCOMs and also the transparency in the process and encourages consumers for installing such grid connected rooftop solar plants.

ii) **Tariff determination**

The projects can be installed on Net Metering or Feed-in-Tariff (FIT) basis. This will be decided by Regulators/DISCOMs/Distributed Licensee in consultation with the implementing agencies. In case of the feed-in-tariff, the provisions should be in such a manner that it provide a safeguard to all stakeholders including DISCOMs. The tariff may be such that it is attractive for the roof owner and does not put too much burden on the DISCOMs. Therefore, regulators need to come up with feed in tariff for roof tops with and without MNRE subsidy.

iii) **Availability of Electricity Grid**

The availability of electricity grid near the solar installation is an essential component which needs to be provided by the concerned agencies.

iv) **Signing of MOU/Agreements**

If required, an MoU will need to be entered into among the beneficiaries / DISCOMs / Distribution Licensees and the other involved parties.

9.0 Classification of Projects based on Grid Connectivity:

The Projects under these guidelines fall within two broad categories i.e.(a) the projects connected to HT voltage at distribution network (i.e. below 33 kV) (b) the projects connected to LT voltage i.e. 400/415/440 volts (3-phase) as the case may be or 230 volts (1-phase). Accordingly, the projects may be under the following two categories.



10.1. Category 1: Projects connected at HT level (below 33kV) of distribution network

The Projects with proposed installed capacity of minimum 50 kW and upto 500 kW and connected at below 33kV shall fall within this category. The projects will have to follow appropriate technical connectivity standards in this regard.

10.2. Category 2: Projects connected at LT level (400 Volts-3 phase or 230 Volts-1 phase)

The Projects with proposed installed capacity of less than 100kW and connected to the grid at LT level (400/ 415/ 440 volts for 3-phase or 230V for 1-phase) shall fall within this category.

11.0 Modus Operandi and submission of Proposals

11.1 The project site/rooftops at office buildings, commercial buildings, residential complexes etc. can be selected on the basis of total energy requirement of the premise and the area available for installation of roof top Solar PV system.

11.2 Solar PV system on the roof top of selected buildings can be installed for meeting the requirement of the building as much as possible in agreement with the local DISCOMs/Distribution Licensee.

11.3 Though rooftop systems shall be generally connected on LV supply, large solar PV system may be connected to 11kV system. Following criteria is suggested for selection of voltage level in the distribution system for ready reference of the solar suppliers however, the connectivity level may be decided depending upon the site conditions and policies:

- Up to 10 kW solar PV systems the connectivity may be at Low Voltage single phase supply point.
- Between 10-100 kW solar PV systems, the connectivity may be at three phases low voltage supply
- Above 100 kWp upto 500 kWp capacity, system connection can be made at 11 kV/33 kV level.

11.4 Export Import meters/two way/bi-directional meters need to be installed with the facility of net metering. Two way meters can also be used as they are cheaper and give better idea about power exported. The meter may also be finalized in consultation with the Distribution Licensee/DISCOM. The CEA regulations on metering arrangements may also be followed.

11.5 The billing of buildings by DISCOM can be done on the basis of net energy drawn from the grid during the month on the tariff prescribed by the Regulatory Commission for commercial consumers or as finalized with the DISCOM.

11.6 A Power Purchase Agreement (PPA) needs to be signed between the owner of buildings, 3rd party and the DISCOMs as applicable. If the State has already



announced a policy on the grid connected roof top and small solar plants, the relevant notification may be mentioned along with the proposals.

11.7 An agreement between DISCOM and the owner of building/premise/SPV plant needs to be signed for the net metering and billing on the monthly/bi-monthly basis as applicable. Suitable payment security mechanism may need to be provided by the DISCOM/ Distribution Licensee/ State Nodal Agency/ Utility etc..

11.8 The proposal can be submitted in the format as prescribed by MNRE with details of grid connectivity & metering arrangements, agreement signed with DISCOM etc. to this Ministry as per the Programme. For the small category residential users up to 5.0 kWp the bulk proposals can be submitted by SNAs along with the list of beneficiaries duly certified by them (ref para 6.1) in the format as prescribed by MNRE.

The above options/procedure is a suggestive in nature and it needs to be left on the wisdom of the implementing agency, user, DISCOMs/Distribution Licensee and states to suitably modify depending upon the prevailing conditions. There is also need to formulate a separate policy on grid connected rooftop and small solar plants by States. The policy may adopt net-metering or gross metering/feed-in Tariff or any other mechanism as deemed appropriate.

12.0 Release of Funds:

12.1 For setting up of the projects the release of funds for various Implementing Agencies would be as follows:

Sl. No.	Implementing Agency	Pattern for Release of Funds
1.	State Nodal Agencies and State Nodal Departments	Upto 30% of the eligible CFA and services charges at the time of sanction of the proposal in the project/programme mode. However, 10% advance may be given at the time of allocation of targets on programme mode. Balance 70% after successful commissioning of the projects after sample verification on submission of requisite claims.
2.	Solar Energy Corporation of India (SECI)	Upto 30 % after submission of detailed proposal on the costs firmed up on tender basis. However, 10% advance may be given on allocation of targets/sanction of the preliminary proposal on programme mode.



		Balance 70% on completion/commissioning, performance report for about one month and due verification/third party inspection thereof on submission of requisite claims.
3.	Channel Partners	On reimbursement basis on completion/commissioning, performance report for about one month and due verification/third party inspection thereof on submission of requisite claims. 50% of the eligible CFA may be released at the stage of claims submitted after completion/commissioning and balance 50% after verification/3rd party inspection.
4.	Financial Institutions/ Financial Instigators	Upto 30% of the eligible CFA and services charges at the time of sanction of the proposal in the project/programme mode. Balance 70% after successful commissioning of the projects after sample verification on submission of requisite claims.
5	Other Government Agencies for the Govt. Projects	Upto 30% of the eligible CFA and services charges at the time of sanction of the proposal in the project/programme mode. Balance 70 % after successful commissioning of the projects after sample verification on submission of requisite claims.

12.2 The subsidy will be disbursed directly by MNRE to the channel partners unless decided – otherwise i.e. through SNAs. MNRE may specify an accounting system, monitoring mechanism and transparent computer based web enabled data bank with beneficiaries and system details. MNRE may also use SECI / SNAs for subsidy disbursement to channel partners. For Implementing Agencies like State Nodal Agencies/PSUs (involved in manufacturing of PV modules), the release of funds could on milestone basis on the progress of the project. The advance on milestone basis to SNAs/Depts./Govt. Depts. is applicable only to Govt. Supported projects.



12.3 The balance of CFA would be released as second and final tranche of the sanctioned CFA after receipt of Utilisation Certificate, of not less than 50% of the first tranche released. While releasing the second tranche, MNRE would take into consideration, revision in initial annual estimate (if any) for appropriate funding. An audited statement of accounts will be submitted by the proponents for the release of the second/final tranche.

13.0 Approval Mechanism

13.1 At the beginning of each year MNRE will estimate broadly the capacity available under the scheme in that year. Not more than 50% of the capacity shall be available for execution through the channel partner route. At the beginning of each Quarter, MNRE shall earmark/release an indicative target for that period. All the Channel Partners shall submit, within a 15 day period to be prescribed by MNRE, proposals/ targets in the prescribed formats along with a commitment for meeting the balance cost of the project other than the CFA to MNRE. Targets will be approved and communicated and the channel partners can start implementation at their own risk and investment. They will be responsible for following the scheme guidelines and MNRE specifications. Project will be sanctioned within 45 days of receiving of the project report from the project proponent. The proposals of the Channel Partners will be sanctioned on the appraisal and recommendations of the Project Appraisal Committee (PAC) constituted by MNRE.

In case capacity applied for by the Channel Partners exceeds the available capacity in that period, MNRE will devise a transparent mechanism to decide on the allocation of capacity to the various Channel Partners. However, in no case shall the total capacity allocated through Channel Partners exceed 50% of the total capacity allocation in any particular quarter.

13.2 Proposals of State Nodal Agencies, SECI and other Govt. Agencies, NHB, PSUs and IREDA will not require PAC approval and will be directly processed/ sanctioned by the division.

13.3 The entire process of receiving proposals, processing them and giving approvals would be preferably IT enabled. The mechanism for online monitoring of each project will be developed and efforts will focus towards real time monitoring. The PAC would also frame rules and prescribe formats etc., for project approval, with in the overall framework of this scheme, so as to make the process transparent.

13.4 The in-principle approval of the targets/ proposals may be granted by the Ministry in-advance to the States Departments/SNAs/Channel Partners and other implementing agencies to enable them for planning their strategies identify the beneficiaries, formulate the specific proposals etc..

13.5 MNRE reserves the right to decentralise the whole process of administering the Channel Partners to SNAs.



14.0 Project Management Consultant (PMC)

The government may engage a reputed agency as a Project Management Consultant (PMC) to handle all the processes such as assistance for formulation, appraisal and screening of proposals preceding the formal approval which would be a function of MNRE. It would also assist the Ministry in formulating the detailed implementation guidelines/formats, if any. A Project Management Cell is also proposed to be created in MNRE. The PMC will also device a suitable Monitoring System.

15.0 Monitoring and Evaluation:

15.1 Monitoring and evaluation studies of the Scheme and its implementation will be carried out during the period of implementation of the Scheme as is given below:

- i. At the primary level of monitoring, channel partners would be responsible for monitoring parameters such as end-use verification and KYC compliance and also compilation of statistical information.
- ii. National monitors, Consultants, Institutions, Reputed Civil Society Groups, eminent persons, Corporate Houses (as an activity under Corporate Social Responsibility) with relevant experience, SNAs, other govt. organizations and MNRE officials would be involved, for ground verification/performance evaluation on random sample basis.
- iii. The electricity generation data should be available at the beneficiary level. However, for projects above 5 kW, the system providers would also make available generation data to MNRE at intervals specified.
- iv. For the projects 50 kWp and above 100% field inspection would be required and the claim will contain the inspection report.

However, primarily responsibility of monitoring and reporting will be with the implementing agencies.

15.2 Information and Communication Technology must be used for ensuring fool proof monitoring. Since the scheme envisages IT enabled monitoring and verification protocols, the cost of monitoring may be included in the total project cost which should be used by various channels partners/agencies/organisations for compliance.

15.3 It is envisaged that certified energy auditors, scheme monitors and others would be empanelled for certifying the outputs of the system correspond to the parameters laid down in the programme.

16.0 Technical Requirements

16.1 The scheme requires the project proponents to adhere to the national/international standards specified by the Ministry from time to time.



16.2 Only indigenously manufactured PV modules should be used in Solar PV systems power plants. However, other imported components can be used, subject to adequate disclosure and compliance to specified quality norms and standards.

16.3 Grid interactive SPV power plants and/ systems, inverters, meters, cables, mounting structures and other balance of systems etc. should have the minimal technical requirements and Quality Standards as specified by MNRE from time to time.

17.0 Supporting Innovation

In very special and rare cases, the Ministry could consider higher CFA for undertaking pilot and demonstration projects either for demonstrating new and innovative applications or for demonstrating new technologies. Ministry may also consider sanctioning to SECI or other government institutions demonstrative projects with higher CFA with a provision for recovery of the CFA on savings in fuel usage. Detailed guidelines for such schemes would be separately drawn up, if required.

18.0 Natural Calamities and Disasters

18.1 Ministry could consider providing 100% funding in case of natural calamity for installation of grid connected rooftop and small solar plants on humanitarian ground.

19.0 Interpretation of the Guidelines

In case of any ambiguity in interpretation of any of the provisions of these guidelines, the decision of the Ministry shall be final.

20.0 Review

20.1 The scheme would be reviewed by an Internal Review Committee at 6 month/yearly interval and modifications therein as and when recommended would be incorporated by the Ministry in the programme time to time. In addition, a platform for experts to discuss best practices, debate over issues to overcome bottlenecks and provide effective policy suggestions for ensuring wide spread grid connected solar solutions deployment would also be established at the national level.

20.2 MNRE may frame specific guidelines for various products and various categories based on this scheme to bring in more clarity and easy applicability. In these guidelines MNRE may exclude certain provisions if they are not required for that product category or if it is felt that lesser support is required.

III. Fixing of CFA and Benchmark cost

All CFA values will be based on bench mark cost and **would be fixed in absolute value i.e. in Rs/Watt**. There could also be other parameters like efficiency of system. For fixing CFA and bench mark cost, MNRE will set up a



committee which will take inputs from rates received in various tenders by SECI and other agencies including Nodal agencies, component market rates, global rate trends etc. The CFA may be fixed annually or biannually. In case of channel partners a correction factor will apply on the bench mark price to determine the CFA.

Following procedure will be used to determine the benchmark cost under Solar Off Grid Scheme for the Grid Connected Rooftop and Small Solar Power Plants:-

1. Benchmark cost will be determined separately for the Grid Connected Rooftop Photovoltaic (PV) plants including the cost of components as mentioned in para 5 above.
2. Separate committee would be constituted in MNRE for the grid connected categories.
3. The benchmark cost would be fixed based on the following two main criteria:
 - a) Price determined through tenders done by SECI, State Nodal Agencies and other Government Departments/ organizations in 12 months preceding the date when the committee starts working for determining the benchmark cost for next year.
 - b) Component wise cost breakup to arrive at an estimated price of each of the products for which benchmark cost is determined. The committee will collect data about all the tenders floated with MNRE subsidy. These would then be clubbed into different categories depending on the product, technology etc. Thereafter the committee may develop criteria for arriving at a rate out the price or by calculating median. The benchmark so determined through tendered price will then be compared with values arrived at through costing by clubbing the price of various components. In case of wide difference, the committee may go into the reasons and if need be, apply correction factor.
4. The committee may take into account all relevant factors and also co-opt experts if necessary to adopt a benchmark price as close to the actual price as possible. The committee may also relook the benchmark cost after 6 months in case it is felt that there is a major change in the market.
5. It is hoped that price of the system will come closer and closer to benchmark cost as time progresses and after few years the price coming through tenders would not be very different from benchmark cost. Benchmark cost will also get rationalized as technologies improve.



IV. Tatkal Scheme

There would be provision for reserving quantities of various solar systems at lower subsidy levels along with the facility of disbursal on priority basis in a definite time period. This would, however, be done within the upper subsidy cap as laid down in the scheme for the particular component. A committee will be set up to decide the scheme separately.

V. Hybrid systems

There would be a provision to promote hybrids like Wind-solar etc. within the defined CFA and subsidy limits for that particular component in this scheme.

VI. Specification and standards

Ministry will set the technical specification and quality standards from time to time and rationalize them as may be required. Technical specification and standard for each part of the scheme is specified in **Annexure-1** as currently applicable.

VII. Monitoring and System life

Online monitoring will be compulsory for all systems more than 10 kWp capacity for PV and equivalent of 10 kW capacity for thermal systems. Real time monitoring may be specified by MNRE for large systems and online monitoring would be eventually extended to 1 kWp systems as well.

Life of systems and products will be specified from time to time and efforts will be made to ensure that no systems or products are discarded before full life usage.

VIII. Guidelines for Channel Partners

The Channel Partners are an important implementing agency. It is essential to ensure that guidelines for selection, rating and appraisal of channel partners are transparent and simple. It shall also be ensured that there are no restrictions on the number of channel partners and all otherwise eligible agencies are empanelled subject to their rating and appraisal. In case of overcapacity of applications, the projects shall be allocated among channel partners in a transparent manner. MNRE shall issue detailed guidelines within 30 days from the date of approval for channel partners covering all these aspects.



IX. Redundancy and interpretation

In case of a particular application being eligible for CFA under more than one of the sub-schemes outlined above, the same shall be considered for sanction under that sub-scheme which involves lesser minimum CFA.

In case of any ambiguity regarding interpretation of the guidelines, the decision of MNRE shall be final.



Annexure- 1

[A] BOUNDARY CONDITIONS FOR SUPPORT TO GRID Connected SOLAR PV APPLICATIONS

S.NO.	Category of beneficiaries	Size
1	All Categories including Individuals, Industrial/Commercial/ Non Commercial entities	1 kWp to 500 kWp

[B] Minimal Technical Requirements /Standards for SPV Systems / Plants to be deployed under the Programmes of Ministry of New and Renewable Energy

1. PV MODULES:

1.1 The PV modules must conform to the latest edition of any of the following IEC /equivalent BIS Standards for PV module design qualification and type approval: Crystalline Silicon Terrestrial PV Modules IEC 61215 / IS14286, Thin Film Terrestrial PV Modules IEC 61646 / Equivalent IS (Under Dev.), Concentrator PV Modules & Assemblies IEC 62108.

1.2 In addition, the modules must conform to IEC61730 Part 1- requirements for construction & Part 2 – requirements for testing, for safety qualification or Equivalent IS (Under Dev.)

1.3 PV modules to be used in a highly corrosive atmosphere (coastal areas, etc.) must qualify Salt Mist Corrosion Testing as per IEC 61701 / IS 61701.

1.4 IDENTIFICATION AND TRACEABILITY

Each PV module must use a RF identification tag (RFID), which must contain the following information:

- (i) Name of the manufacturer of PV Module
- (ii) Name of the Manufacturer of Solar cells
- (iii) Month and year of the manufacture (separately for solar cells and module)
- (iv) Country of origin (separately for solar cells and module)
- (v) I-V curve for the module
- (vi) Peak Wattage, I_m , V_m and FF for the module



- (vii) Unique Serial No and Model No of the module
- (viii) Date and year of obtaining IEC PV module qualification certificate
- (ix) Name of the test lab issuing IEC certificate
- (x) Other relevant information on traceability of solar cells and module as per ISO 9000 series.

Until March 2013, the RFID can be inside or outside the module laminate, but must be able to withstand harsh environmental conditions.

1.5 **VALIDITY :**

The validity of the existing Certificates/Reports in the old format/procedure shall be valid till March 2013 only. Manufactures are advised to get their samples tested as per the new format/procedure before 31st March 2013, whose validity shall be for five years.

1.6 **AUTHORIZED TESTING LABORATORIES/ CENTERS**

PV modules must qualify (enclose test reports/ certificate from IEC/NABL accredited laboratory) as per relevant IEC standard. Additionally the performance of PV modules at STC conditions must be tested and approved by one of the IEC / NABL Accredited Testing Laboratories including Solar Energy Centre of MNRE. For small capacity PV modules upto 50 Wp capacity STC performance as above will be sufficient. However, qualification certificate from IEC/NABL accredited laboratory as per relevant standard for any of the higher wattage regular module should be accompanied with the STC report/ certificate.

1.6.1 Details of Test Labs shall be given separately.

(Any other Test Lab that has set – up for testing and wants to get included may contact Director, MNRE)

1.6.2 While applying for Testing, the Manufacturer has to give the following details:

- A copy of registration of the company particularly for the relevant product/ component/ PV system to be tested
- An adequate proof from the manufacturer, actually showing that they are manufacturing product by way production, testing and other facilities
- Certification as per JNNSM standards for other bought out items used in the system

Without above proof test centers are advised not to accept the samples.



1.7 WARRANTY

PV modules used in solar power plants /systems must be warranted for their out put peak watt capacity, which should not be less than 90% at the end of 12years and 80% at the end of 25 years.

2. BALANCE OF SYSTEM (BOS) ITEMS/ COMPONENTS:

2.1 The BOS items /components of the SPV power plants /systems deployed under the Mission must conform to the latest edition of IEC/ equivalent BIS Standards / MNRE specifications / as specified below:

BOS Item / System	Applicable BIS /Equivalent IEC Standard Or MNRE Specifications	
	Standard Description	Standard Number
Power Conditioners/ Inverters**including MPPT and Protections (more than 100 Wp and up to 20 KWp Capacity only) :	Efficiency Measurements Environmental Testing	IEC 61683 / IS 61683 IEC 60068-2 (1, 2, 14, 30) / Equivalent BIS Std.
Charge Controller/MPPT units	Environmental Testing	IEC 60068-2 (1,2,14,30) /Equivalent BIS Std.
Storage Batteries	General Requirements & Methods of Testing Tubular Lead Acid / VRLA / GEL Capacity Test Charge/Discharge Efficiency Self-Discharge	As per relevant BIS Std.

Cables	General Test and Measuring Method PVC insulated cables for working voltage up to and including 1100 V and UV resistant for outdoor installation	IEC 60227 / IS 694 IEC 60502 / IS 1554 (Pt. I & II)
Switches/Circuit Breakers /Connectors	General Requirements Connectors –safety A.C./D.C.	IEC 60947 part I,II, III / IS 60947 Part I,II,III EN 50521
Junction Boxes /Enclosures for Inverters/Charge Controllers/Luminaries	General Requirements	IP 54(for outdoor)/ IP 21(for indoor) as per IEC 529
Meters	As per CEA Guidelines issued from time to time	
Grid Connectivity	As prevalent in the State	

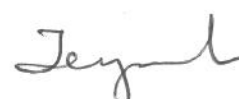
**In case if the Charge controller is in-built in the inverter, no separate IEC 62093 test is required and must additionally conform to the relevant national/international Electrical Safety Standards wherever applicable

2.2 AUTHORIZED TESTING LABORATORIES/ CENTERS

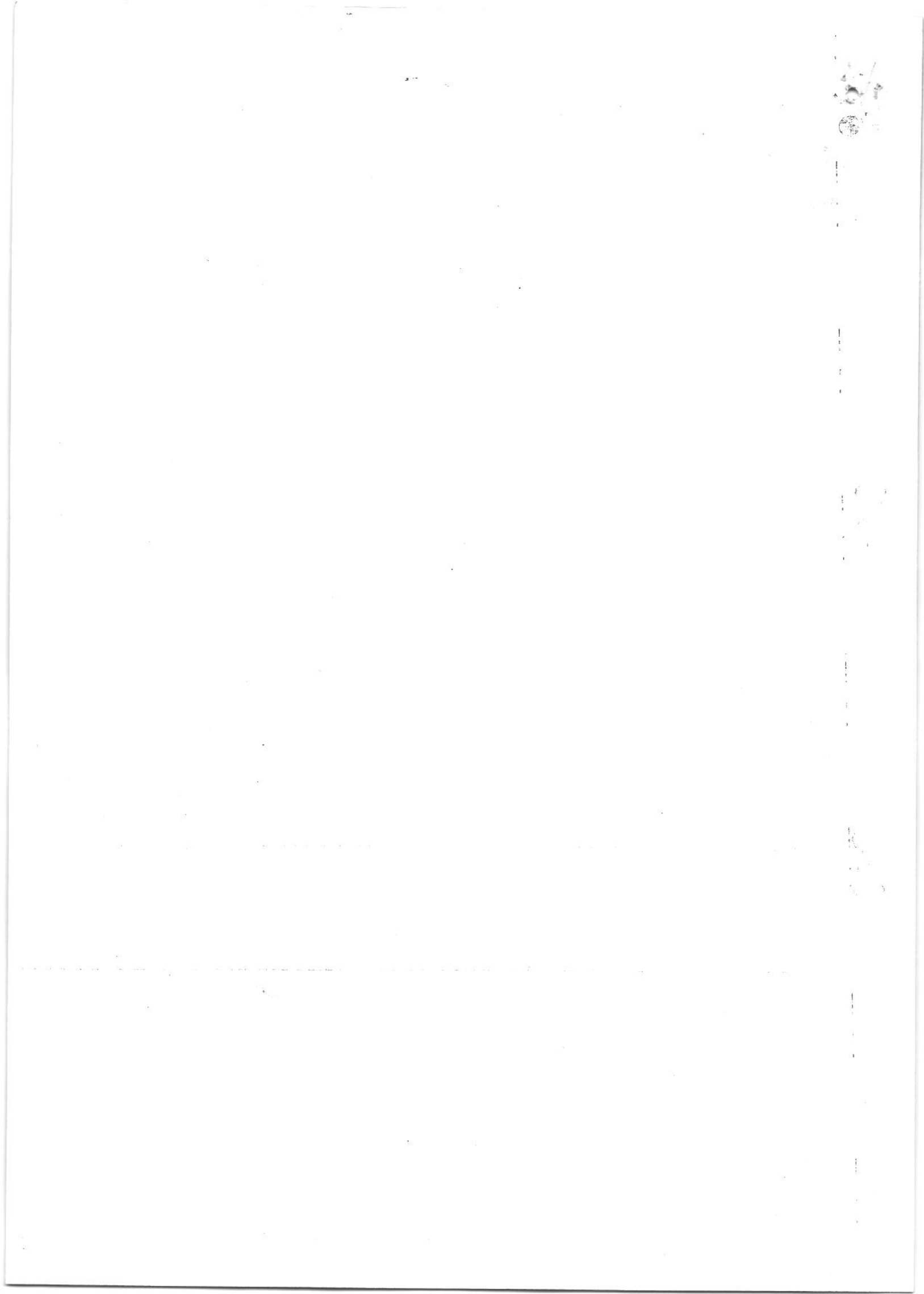
Test certificates / reports for the BoS items/components can be from any of the NABL/ IEC Accredited Testing Laboratories or MNRE approved test centers. The list of MNRE approved test centers will be reviewed and updated from time to time.

2.3 WARRANTY

The mechanical structures, electrical works including power conditioners/inverters/charge controllers/maximum power point tracker units/distribution boards/digital meters/switch gear/storage batteries, etc. and over all workmanship of the SPV power plants/ systems must be warranted against any manufacturing/ design/ installation defects for a minimum period of 5 years.

01/08/2014 03:29:00





Letter No. AZI/SECI/SNA/1/08122017

Dated: 08/12/2017

To,
The Director,
ANERT,
PMG – Law College Road,
Vikas Bhavan P.O
Thiruvananthapuram – 695033

Subject: Implementation of 1000MW Grid-connected Rooftop Solar PV System Scheme for Government buildings with zero investment under RESCO Model.

Reference: 1. RFS No.: SECI/C&P/MNRE/1000MW RT/IND/122016

2. Letter of Award to Azure Power SECI/C&P/MNRE/1000MW RT/IND/122016/NOA/15823

Dear Sir,

We would like to introduce Azure Power as a leading independent solar service provider and has been at the forefront of developments in the sector since 2007. Azure Power is driving India's economic development by delivering low cost, clean energy to communities, governments and commercial customers throughout India.

Azure Power constructed and commissioned India's first megawatt of solar power and is a historic first success for private investment in renewable solar power industry in India. Team members at Azure Power have decades of experience building industry-leading companies, executing complex infrastructure projects, and financing high-growth enterprises and are continuously striving for growth, sustainability, cost leadership and grid parity for solar power.

At Azure Power, our vision is to provide affordable and reliable solar power for generations. By providing solar energy as a service, we manage the entire project process, reduce costs of generating electricity and provide long-term predictable prices for all our customers. In line with our vision of generating low cost clean energy for (future) generations we, with proven experience and expertise, would like to express our interest in setting up solar photovoltaic power plants, as per requirements to supplement your power consumption needs. The solar power installation will not only help you immediately increase savings but also will effectively contribute to your efforts of mitigating climate change.

Azure Power Rooftop One Private Limited

Regd. Office: 3rd Floor, Asset 301-304 and 307, Worldmark 3, Aerocity, New Delhi -110037

CIN: U40300DL2017PTC316260

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+91 11 4940 9807

bd.rooftop@azurepower.com

www.azurepower.com



Handwritten signature

Receipt No : 10336/2017/TECHNICAL ANERT

Azure Accomplishments in Indian Solar Sector

~India's first grid connected solar power plant in 2009
 ~Gujarat's first grid connected solar power plant
 ~Portfolio of 1+ GW across 18 states in India
 ~Portfolio of 100+ MW of rooftop projects in India
 ~India's first smart city with 190+ roof top solar power plants in Gandhinagar

~74% reduction in solar power price
 ~\$500 million investment in Solar Sector in India in 4 years
 ~3000+ jobs created in services & manufacturing in US & India
 ~Inclusion of farmers by leasing unusable Panchayat/Pvt land
 ~First grid connected solar power plant in Punjab, Uttar Pradesh and Chhattisgarh

OUR SOLUTION:

The Azure Power business model is based on the Power Purchase Agreement (PPA) model, using the Build-Own-Operate scheme. Under this scheme, Azure Power and the customer, both have certain responsibilities:

Responsibility of Azure:

1. 100% capital & operating expense
2. Design, Engineer and Construct solar power plant/s at the project site
3. Interconnect with the energy distribution point
4. Operate and maintain solar power plants for the entire PPA tenure
5. Provide Solar As A Service (SAAS) to customer

Responsibility of the Customer:

1. Sign a PPA for a tenure of 25 years
2. Facilitate access to the sites for the duration of the contract, including construction period
3. Provide an uninterrupted interconnection point in the premises for supply of power for the PPA tenure.

1. No Capital Investment Required

- We provide the capital. You get the green electricity.
- We finance, build, own and operate the solar plant for its lifetime, so you don't have to worry about costs and maintenance issues.
- Solar helps you meet your energy needs with no upfront costs, and demonstrates your commitment to sustainability!

2. Pay As You Consume

- Green electricity generated and provided to you right from your rooftop!
- Cheaper rate than your electricity tariffs for the next 25 years.
- Pay only for the units that the solar plant generates in a month.

3. Payback from Day One

- Reap financial benefit from day one of plant operation.
- SAVE money. Solar electricity will always be cheaper than the utility tariff.

Azure Power Rooftop One Private Limited

Regd. Office: 3rd Floor, Asset 301-304 and 307, Worldmark 3, Aerocity, New Delhi -110037

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Receipt No : 10336/2017/TECHNICAL ANERT

**PROPOSAL:**

M/s. Azure Power Rooftop One Private Ltd has been allocated a total capacity of deploying 50MW of rooftop solar power plants across ten states in India by Solar Energy Corporation of India (SECI) - A Government of India Enterprise ,through a tender for Implementation of 1000MW Grid-connected Rooftop Solar PV System for Government buildings in different states/Union territory of India under RESCO Model(zero cost to beneficiary) as a part of GOI's Jawaharlal Nehru National Solar Mission(JNNSM).

Out of 50MW we have allocated capacity of 2.8 MWp in Kerala state. The updated list of successful bidders was released by SECI on 1st December 2017 on their website.

Link http://www.seci.co.in/show_whats_new.php?id=569

As per the final list we are the only successfully bidder left in Kerala to execute 2892kWp .

BREIF DETAIL OF PROJECT:

The brief scope of work is design, engineering, manufacture, supply, storage, civil work, erection, testing & commissioning of the grid connected rooftop solar PV project including Operation and Maintenance (O & M) of the project for a period of 25 years.

The project will be implemented under RESCO model i.e. Azure Power will develop the project at its own investment and sell clean energy to beneficiary at the levelized tariff fixed by nationwide competitive bidding done by SECI. **The tariff for Kerala State arrived after nation wide competitive bidding is Rs. 3.970 per Unit only.**

As per MNRE guidelines minimum 60% capacity of a solar power plant shall be installed on roof and balance 40% can be installed on ground. The Power Purchase Agreement for this scheme has been already vetted by Ministry of Finance and Ministry of Law & Justice, Government of India.

STEPS TO BE FOLLOWED:

The consumer (building owner) has to enter into Power purchase agreement with us at the state wise tariff fixed by nationwide bidding done by SECI. Signed PPA along with Project report to be submitted to SECI by us for issuance of Sanction. Once the sanction is received, the project will be constructed by us by us on our own investment.

Government of India has launched Jawaharlal Nehru National Solar Mission (JNNSM) which now has a target of 100,000 MW of grid solar power by 2022, out of which grid connected rooftop Solar PV systems is considered as very potent area and has a target of 40,000 MW. To achieve energy security and for having good optics, it is envisaged to develop solar rooftop projects on large scale by utilising vacant roofs of buildings and adjoining lands of the campus etc. Implementation of this scheme would result in major savings on power bills of departments under your Ministry. In addition, the consumers can bank energy in the grid by implementation of net metering which would further enhance the savings.



Azure Power Rooftop One Private Limited

Regd. Office: 3rd Floor, Asset 301-304 and 307, Worldmark 3, Aerocity, New Delhi -110037

CIN: U40300DL2017PTC316260

☎ +91 11 4940 9800

☎ +91 11 4940 9807

✉ bd.rooftop@azurepower.com🌐 www.azurepower.com

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Your contribution in this scheme is highly solicited and will be a salient step toward realization of our Hon'ble Prime Minister's commitment towards clean and green energy, through solar power generation. We request your good office to kindly release instruction to prospective departments in Kerala for participation in this project.

We also look forward to have a meeting with you in person regarding this on the date suitable to you.

Thanking You,

Anil Kumar
Manager, C&I
Azure Power



t: +91 11 49409800 (ext) | m: + 91 9899950630

a: 3rd Floor, Asset 301-304 and 307, WorldMark 3, Aerocity, New Delhi - 110037

Copy to: Mr. R.K Jain – Addl. General Manager-Solar – Solar Energy Corp. Of India

Enclosure

- 1). Letter of Award
- 2). Final list of bidders

Azure Power Rooftop One Private Limited

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Receipt No : 10347/2017/TECHNICAL ANERT

File No.ANERT-TECH/293/2017-PO(ASP)

5

FINAL LIST OF SUCCESSFUL BIDDERS/ DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S. No.	Name of the State/UT/Island	Proposed Capacity of the State/UT/Island (in MW)	Name of the Successful Bidder/ Developer	Address of the Successful Bidder/ Developer	Contact Person	Contact Details	Tariff per kWh (in INR)	Allocated Capacity (in MW)	Remarks
1	Andaman & Nicobar Island	11211.300	Mundra Solar PV Limited	101-102, 1st Floor, Sha's Mall, Beside Girish Cold Drinks, Navrangpura, Ahmedabad-380009, GUJARAT	N. Devendiran / Saurabh Mathur / Pares Shah	9009955599 / 7291909589 / 8980040873 (n.devendiran@adani.com / saurabh.mathur@adani.com / pares.shah@adani.com)	2.200	4484.520	
			Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)		3363.390	
2	Aadhra Pradesh	15715.800	Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)	3.939	5530	
			TEP Solar India Mauritius	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkanergypartners.com / kunal.pragati@thinkanergypartners.com)		4714.740	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		2000	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofutureenergies.com)		1000.000	
			Mytrah Energy Pvt. Limited	8001, Q-City, S. No. 109, Gachibowli, Hyderabad-500032, TELANGANA	Kumar Dipankar	+91 9008298693 (kumar.dipankar@mytrah.com)		2500	
3	Arunachal Pradesh	906.300					2.960		
4	Assam	6194.700	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaispur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841085 / +91 8742082000 (jimiturnkeyprojects@gmail.com)	2.420	1150	
			SG Renewable Energy Pvt. Limited	Addwatt Power Solutions Pvt. Limited, 108, 1st Floor, Pinnacle Tower, Sector-62, Noida-201301, UP	Sandeep Gupta	+91 9810839511 (sandeepgupta@addwatt.in)		477.880	
			Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)		1858.410	
			Arunachal Pradesh Power Corporation Pvt Ltd	#408, 4th Floor, Emmar MGF, Palm Spring Plaza, Golf Course Road, Sector-53, Gurgaon-122002, HARYANA	Karan Sharma	+91 124 2396441 (karan@apccpl.com)		1500.000	
5	Bihar	9661.500	Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)	4.590	3000	
			Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)		2030	
6	Chandigarh	2267.100	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)	3.440	680.130	
7	Chhattisgarh	6483.600	RMS Automation Systems Limited	C-138, Naraina Industrial Area, Phase-I, New Delhi-110028	Arun Kumar Khanna / Dhananjay Singh	+91 9811055025 / +91 9811594879 (dhananjay@rmsautomation.com / rms@rmsautomation.com)	3.220	500	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		1945.080	

Receipt No : 10347/2017/TECHNICAL ANERT

FINAL LIST OF SUCCESSFUL BIDDERS/ DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S. No.	Name of the State/UT/Island	Proposed Capacity of the State/UT/Island (in MWp)	Name of the Successful Bidder/Developer	Address of the Successful Bidder/Developer	Contact Person	Contact Details	Capacity (MWp)	Allocated Capacity (in MWp)	Remarks
8	Dadra & Nagar Haveli	15411.600	Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M. Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)	2,520	2000	
9	Delhi	30786.300	Horizon Renewable Power Pvt. Limited	910, Prakash Deep Building, 7 Tolstoy Marg, New Delhi-110001	Amit Anil	+91 9599051367 (amitanil@horizonrenewablepower.com)	3,390	250	
			Bharti Waters Pvt. Limited	M-4B, Aradhana Bhawan, Azadpur Commercial Complex, Delhi-110033	Sanjay Kumar Aggarwal	+91 11 27681298 (sanjay@bhartiwaters.com)		1500	
			HFM Solar Pvt. Limited	1508, Hemkunt Tower, 98 Nehru Place, New Delhi-110019	Dharmendra Jain	+91 11 26293824 (solarpower@hfmgroup.net)		1000.000	
			Sunsource Energy Pvt. Limited	B-14, Sector-132, Noida-201301, UTTAR PRADESH	Adarsh Das	+91 120 6500409 (contact@sunsource-energy.com)		3000.000	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofutureenergies.com)		5000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		9235.890	
10	Goa	2636.100					3,140		
11	Gujarat	8921.700	Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)	3,937	2660	
			TEP Solar India Mauritius	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)		2676.510	
12	Haryana	10046.700	RMS Automation Systems Limited	C-138, Naraina Industrial Area, Phase-I, New Delhi-110028	Arun Kumar Khanna / Dhananjay Singh	+91 9811055625 / +91 9811594879 (dhananjay@rmsautomation.com / rms@rmsautomation.com)	3,320	525	
			SG Renewable Energy Pvt. Limited	Addwatt Power Solutions Pvt. Limited, 108, 1st Floor, Pinnacle Tower, Sector-62, Noida-201301, UP	Sandeep Gupta	+91 9810839511 (sandeepgupta@addwatt.in)		1000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		3014.010	
13	Himachal Pradesh	3618.900	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (imturnkeyprojects@gmail.com)	2,380	900.000	
14	Jammu & Kashmir	8778.600	Sudhir Power Limited	Plot No. 1, Sector-34, EHTP, Gurgaon-122001, HARYANA	Ajay Bhutani	+91 9818253464 (ajaybhutani@sudhirpower.com)	4,210	1500	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, IJD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		500	
			Amplus Energy Solutions Pvt. Limited	6th Floor, The Palm Square, Golf Course Extension Road, Sector-66, Gurgaon-122018, HARYANA	Guru Inder Mohan Singh	+91 9810041787 (guru.inder@amplussolar.com)		500	

Receipt No : 10347/2017/TECHNICAL ANERT

File No.ANERT-TECH/293/2017-PO(ASP)

7

FINAL LIST OF SUCCESSFUL BIDDERS/ DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S.No	Name of the State/UT/Island	Proposed Capacity of the State/UT/Island (in MW)	Name of the Successful Bidder/Developer	Address of the Successful Bidder/Developer	Contact Person	Contact Details	Unit Price (Rs./kWp)	Allocated Capacity (in MW)	Remarks
15	Jharkhand	4174.200	Inhwar Cables Pvt. Limited	F - 861, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (imiturnkeyprojects@gmail.com)	3.490	1000.000	
16	Karnataka	68794.200	Mytrah Energy Pvt. Limited	8001, Q-Clty, S. No. 108, Gachibowli, Hyderabad-500032, TELANGANA	Kumar Dipankar	+91 9005298693 (kumar.dipankar@mytrah.com)	3.839	3524	
			TEP Solar India Mauritius	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)		3000	
			Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 9810254255 (bidding.ds@renewpower.in)		1220	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofutureenergies.com)		2000	
			Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)		2000	
			Swelect Energy Systems	SWELECT House, 3rd Floor, No. 5, Sir P. S. Sivasamy Salai, Mylapore, Chennai-600004, TAMILNADU	V. C. Raghunath	+91 44 24679735 (vcr@swelectes.com / tender.projects@swelectes.com)		2000	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		4500	
17	Kerala	7231.500	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)	3.970	2892.600	
18	Madhya Pradesh	43345.800					3.140		
19	Maharashtra	29623.500	Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)	3.620	2000	
			TEP Solar India Mauritius	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)		2000	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		4500	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofutureenergies.com)		4000	
			Aditya Green Energy	9B, Near Community Hall, New Adarsh Colony, Latour-413531, MAHARASHTRA	Jayesh G. Bajaj	+91 9890048748 (adityagreenenergy@rediffmail.com)		3000	
20	Manipur	279.000							
21	Meghalaya	490.500					2.840		

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FINAL LIST OF SUCCESSFUL BIDDERS/ DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S. No.	Name of the State/UT/Zone	Proposed Capacity of the State/UT/Zone (in MW)	Name of the Successful Bidder/Developer	Address of the Successful Bidder/Developer	Contact Person	Contact Details	Rate per kWp (in INR)	Allocated Capacity (in kWp)	Remarks
22	Mizoram	241.200					2.960		
23	Nagaland	1334.700							
24	Odisha	14290.200	RMS Automation Systems Limited	C-138, Naraina Industrial Area, Phase-I, New Delhi-110028	Arun Kumar Khanna / Dhananjay Singh	+91 9811055625 / +91 9811594879 (dhananjay@rmsautomation.com / rms@rmsautomation.com)	3.620	1700	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		4287.060	
25	Pondicherry	304.200							
26	Punjab	14693.400	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)	3.320	4408.02	
27	Rajasthan	23626.800	Horizon Renewable Power Pvt. Limited	910, Prakash Deep Building, 7 Tolstoy Marg, New Delhi-110001	Amit Anil	+91 9599051367 (amitanil@horizonrenewablepower.com)		100	
			Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)	3.190	4000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		7068.040	
28	Sikkim	210.600							
29	Tamil Nadu	24244.200	Mytrah Energy Pvt. Limited	8001, Q-City, S. No. 108, Gachibowli, Hyderabad-500032, TELANGANA	Kumar Dipankar	+91 9008298693 (kumar.dipankar@mytrah.com)	4.168	6221	
			Rays Power Infra Pvt. Limited	D-43, Jangpeth, Shyam Nagar, Jaipur-302019, RAJASTHAN	Arpit Kulshrestha	+91 141 4038767 (arpit@rayspowerinfra.com)		3163.000	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILO Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		3500	
			Solar Quest LLP	Shop No. 1, Door No. 11, Pallappan Street, Sowcarpet, Chennai-600079, TAMIL NADU	Tamilvanan Vilvam	+91 9566546608 (tamilvanan@solarquestlin)		2000	
30	Telangana	23602.500	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841665 / +91 8742062000 (imitunkeyprojects@gmail.com)	3.140	1000	
			Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)		2000	
31	Tripura	1050.300	Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)	2.740	315.090	

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9

FINAL LIST OF SUCCESSFUL BIDDERS/ DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S. No.	Name of the State/UT/Island	Proposed Capacity of the State/UT/Island (in kWp)	Name of the Successful Bidder/Developer	Address of the Successful Bidder/Developer	Contact Person	Contact Details	Tariff per kWh (in INR)	Allocated Capacity (in kWp)	Remarks
32	Uttar Pradesh	37491.300	Sudhir Power Limited	Plot No. 1, Sector-34, EHTP, Gurgaon-122001, HARYANA	Ajay Bhutani	+91 9818253464 (ajaybhutani@sudhirpower.com)	3.910	5000	
			Expotec International Pvt. Limited	Logix Techno Park, Tower-C, Ground Floor, Plot 4 & 5, Sector-127, Noida-201301, UTTAR PRADESH	Manoj Kumar	+91 9911778312 (info@expotecint.com / almas@expotecint.com)		4000	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971065443 (rohit.saini@herofutureenergies.com)		2000	
			Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)		2300	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, IIL Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		4500	
			HFM Solar Pvt. Limited	1506, Hemkunt Tower, 98 Nehru Place, New Delhi-110019	Dharmendra Jain	+91 11 26293824 (solarpower@hfmgroup.net)		2000.000	
			Sunsource Energy Pvt. Limited	B-14, Sector-132, Noida-201301, UTTAR PRADESH	Adarsh Das	+91 120 6500409 (contact@sunsource-energy.com)		3000.000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		10946.300	
			ITI Limited	Nairi Plant, Nairi, Allahabad-211011, UTTAR PRADESH	Pradeep Pandey	+91 532 2687481 / 08 (ppandey_nri@itiltd.co.in)		10000.000	
			Rays Power Infra Pvt. Limited	D-43, Janpath, Shyam Nagar, Jaipur-302019, RAJASTHAN	Arpit Kulshrestha	+91 141 4038767 (arpit@rayspowerinfra.com)		4753.000	
33	Uttarakhand	9018.900	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841085 / +91 8742082000 (imiturnkeyprojects@gmail.com)	2.380	500	
			Rays Power Infra Pvt. Limited	D-43, Janpath, Shyam Nagar, Jaipur-302019, RAJASTHAN	Arpit Kulshrestha	+91 141 4038767 (arpit@rayspowerinfra.com)		916	
			Silver Star Solar Pvt. Limited	Flat No. 303, Ganga Block, G-3, Sector-D, Pocket-6, Vasant Kunj, New Delhi-110070	Rajat Surey	9910160271 (rajat.s@fabercapital.com)		425.000	
34	West Bengal	18342.900	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841085 / +91 8742082000 (imiturnkeyprojects@gmail.com)	3.620	1000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		5502.870	
TOTAL		455030.100						205957.540	

MODEL POWER PURCHASE AGREEMENT (PPA)
BETWEEN
CONTRACTOR AND GOVT.ORGANIZATION, PSU
AND OFFICES
FOR
DESIGN, MANUFACTURE, SUPPLY, ERECTION,
TESTING AND COMMISSIONING INCLUDING
WARRANTY, OPERATION & MAINTENANCE OF
GRID CONNECTED ROOF-TOP SOLAR
PHOTOVOLTAIC AND SMALL SOLAR POWER
PLANTS IN RESCO MODEL

This Power Purchase Agreement (PPA) is executed on ____ (date), ____ (month), ____ (year) at < location> between _____ Authorized representative of Purchaser < i.e. Government Organization, PSU and Offices > (detail address), (hereinafter referred to as "Purchaser") AND M/s (Name of Power Producer) (CIN No. _____), a company incorporated under the Companies Act, 1956/2013 having its registered office at _____ (detail address) (hereinafter referred to as "Power Producer" which expression shall, unless repugnant to the meaning or context hereof, be deemed to include its successors and assigns). The Purchaser and Power Producer are each individually referred to as a "Party" and collectively as the "Parties".

WHEREAS:

- A. The Power Producer has been notified as successful bidder by <Name of Expert PSU> for "Design, Manufacture, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance of ____ kWp Rooftop Solar PV System at (building name)" (Project) and as per competitive bidding under RFS No _____ dated _____
- B. The Power Producer is engaged in the business of design, supply, erection, testing, commissioning, operating and maintenance power plants, including grid connected rooftop power projects.
- C. The Power Producer has agreed to install and operate a solar photovoltaic power plant of ____ kWp capacity at the Premises after due inspection of the Premises as defined hereinafter and supply the entire Solar Power of the Project to Purchaser on the terms and conditions contained in this Agreement.
- D. The Purchaser has agreed to purchase the entire Solar Power of the Project on the terms and conditions contained in this Agreement.

NOW THEREFORE in consideration of the mutual promises, conditions and covenants set forth herein, the Parties hereby agree as below:

1. Definitions and Interpretation

1.1 Definitions

In addition to other capitalized terms specifically defined elsewhere in the Agreement or unless the context otherwise requires the following words and phrases shall be defined as follows:

- (a) "Actual Monthly Production" means the amount of energy recorded by the Main Metering System during each calendar month of the Term, pursuant to Section 5.2;
- (b) "Affiliate" means with respect to any specified Person, any other Person, directly or indirectly controlling, controlled by or under common control with such specified Person)
- (c) "Agreement" means this Power Purchase Agreement executed hereof, including the schedules, amendments, modifications and supplements made in writing by the Parties from time to time.
- (d) "Applicable Law" means
- (e) laws, with respect to any Person, any constitutional provision, law, statute, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction, registration, license, franchise, permit, authorization, guideline, Governmental Approval, consent or requirement or any Governmental Authority in India having jurisdiction over such Person or its property, enforceable by law or in equity, including the interpretation and administration thereof 1:4 such Governmental Authority.

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- (f) "Assignment" has the meaning set forth in Section 14.1:
- (g) "Business Day" means any day other than Sunday or any other day on which banks in < name of the State> are required or authorized by Applicable Law to be closed for business:
- (h) "Commercial Operation Date" has the meaning set forth in Section 4.3(b)
- (i) "Consents, Clearances and Permits" shall mean all authorization, licenses, approvals, registrations, permits, waivers, privileges, acknowledgements, agreements or concessions required to be obtained From or provided by any concerned authority for the purpose of setting up of the generation facilities and / or supply of power:
- (j) "Deemed Generation" has the meaning set forth in Section 5.3 (c)
- (k) "Delivery Point" shall be the single point, at a location mutually agreed by the Parties, in line with applicable regulation/ rules where Solar Power is delivered by the Power Producer from the System to the Purchaser.
- (l) "Dispute" has the meaning set forth in Section 17.7 (b);
- (m) "Disruption Period" has the meaning set forth in Section 5.3 (c)
- (n) "Distribution Utility" means the local electric distribution owner and operator providing electric distribution and interconnection services to Purchaser at the Premises;
- (o) "Due Date" has the meaning set forth in Section 7.4;

- (p) "Effective Date" has the meaning set forth in Section 2;
- (q) "Estimated Remaining Payments" means as of any date, the estimated remaining Solar Power Payments to be made through the end of the applicable Term, as reasonably determined by the Power Producer in accordance with Section 7.1;
- (r) "Expiration Date" means the date on which the Agreement terminates by reason of expiration of the Term.
- (s) "Force Majeure Event" has the meaning set forth in Section 11.1
- (t) "Governmental Approval" means any approval, consent, franchise, permit, certificate, resolution, concession, license or authorization issued by or on behalf of any applicable Governmental Authority for the purpose of setting up of the Project and / or for sale and purchase of Solar Power of the Project pursuant to the Agreement.
- (u) "Governmental Authority" means any central, state, regional, district, town, city or municipal government, whether domestic or foreign, or any department, agency, bureau, or other administrative, regulatory or judicial body of any such government.
- (v) "Indemnified Persons" means the Purchaser Indemnified Parties or the Power Producer-indemnified Parties, as the context requires.
- (w) "Insolvency Event" means with respect to a Party, that either
- i. Such party has (A) applied for or consented to the appointment of or the taking of possession by a receiver, custodian, trustee, administrator, liquidator on the likes of itself or of all or a substantial part of its assets or business; (B) been unable to pay its debts as such-debts become due; (C) made a general

assignment for the benefit of its creditors, (D) commenced a voluntary proceeding under any insolvency or bankruptcy law; (E) filed a petition seeking to take advantage of any other law relating to the bankruptcy, insolvency, reorganization, winding up or composition or readjustment of debts; or (F) taken any corporate or other action for the purpose of effecting any of the foregoing; or

- ii. It is clarified that a dissolution or liquidation will not be an Insolvency Event if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization, and the resulting company retains credit worthiness similar to the dissolved or liquidated entity and expressly assumes all obligations of the dissolved and liquidated entity under this Agreement and is in a position to the perform them.
- (x) "Installation Work" means the construction and installation of the System and the Start-up, testing and acceptance (but not the operation and maintenance) thereof; all performed by or for the Power Producer at the Premises.
- (y) "Invoice Date has the meaning set forth in Section 7.2.
- (z) "Losses" means all losses, liabilities, claims, demands, suits, causes of action, judgments, awards, damages, cleanup and remedial obligations, interest, fines, fees, penalties, costs and expenses (including all attorneys' fees and other costs and expenses incurred in defending any such claims or other matters or in asserting or enforcing and indemnity' obligation)
- (aa) "Main Metering System" means all meter(s) and metering devices owned by the Power Producer and installed at the Delivery point for measuring and recorded the delivery and receipt of energy.
- (aa) "Metering Date" means the first Business day of each calendar month

subsequent to the month in which the Solar Power is generated by the Power Producer. The billable units shall be equal to the difference between the meter reading on the Metering Date and the meter reading on the previous month's Metering Date.

- (bb) "Party" or Parties" has the meaning set forth in the preamble to this Agreement.
- (cc) "Performance Ratio" (PR) means the ratio of plant output versus installed plant capacity at any instance with respect to the radiation measured. $PR = (\text{Measured output in kW} / \text{Installed plant capacity in kW} * 1000 \text{ W/m}^2 / \text{Measured radiation intensity in W/m}^2)$
- (dd) "Person" means an individual, partnership, corporation, Limited Liability Company, business trust, Joint Stock Company, trust, unincorporated association, joint venture, firm, or other entity, or a Governmental Authority.
- (ee) "Power Producer Default" has the meaning set forth in Section 12.1 (a).
- (ff) "Power Producer Indemnified" has the meaning set forth in Section 16.2..
- (gg) "Premises" means the premises described in Schedule 1 to this Agreement. For the avoidance of doubt, the Premises include, the entirety of any and underlying real property located at the address described in Schedule 1 to this Agreement.
- (hh) "Purchase Date" means the date on which title to the System transfers to the Purchaser pursuant to the Purchaser exercising its purchase option under Section 3.2.
- (ii) "Purchase Price" means the fee payable by Power Purchaser to the Power Producer under the circumstances described in Section 3.2

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- (jj) "Purchaser Default" has the meaning set forth in Section 12.2 (a).
- (kk) "Purchaser Indemnified Parties" has the meaning set forth in Section 16.1
- (ll) "Representative" has the meaning forth in Section 15.1.
- (mm) "Scheduled Complete Date" has the meaning set forth in Section 4.1(g)
- (nn) "Selectee" means, a new company (i) proposed by the Lenders read with Schedule III hereof and approved .by the Purchaser (ii) or proposed by the Purchaser in accordance. with Schedule III hereof and approved by- the Lenders, for substituting the Power Producer for the residual period of the Agreement by amendment of the Agreement or by execution of a fresh power purchase agreement in-accordance with the terms and conditions contained in the said Schedule.
- (oo) "Solar Power" means the supply of electrical energy output from the System.
- (pp) "Solar Power Payment" has the meaning set forth in Section 7.1.
- (qq) "System" includes the integrated assembly of photovoltaic panels, mounting, assemblies, inverters, converters, metering, lighting fixtures, transformers, ballasts, disconnects, combiners, switches, wiring devices and wiring, and all other material comprising the Installation Work.
- (rr) "System Operations" means the Power Producer's operation; maintenance and repair of the System performed in accordance the requirement herein.
- (ss) "Tariff" means the price per kWh set forth in Schedule II hereto.
- (tt) "Term" has the meaning set forth in Section 3.1:

1.2 Interpretation

- (a) Unless otherwise stated, all references made, in this Agreement to "Sections", "Clauses" and "Schedules" shall refer respectively to Sections, clauses and Schedules of this Agreement. The Schedules to this Agreement form an integral part of this Agreement and shall have effect as though they were expressly set out in the body of this Agreement.
- (b) In the Agreement, unless the context otherwise requires (i) words imparting singular connotation shall include plural and vice versa: (ii) the words "include", "includes", and "including" mean include, includes and including "without limitation" and (iii) the words "hereof", "hereto", "herein" and "hereunder" and words of similar import refer to the Agreement as a whole and not to any particular provision of the Agreement.

2. Effective Date

This Agreement shall be effective on the day that falls one Business Day after the date of signing of this Agreement.

3. Terms and Termination

3.1 Term

The term of the Agreement shall commence on the Effective Date and shall continue for twenty five (25) years from the Commercial Operations Date (the "Term"), unless and until terminated earlier pursuant to the provisions of the Agreement. After the Term, the ownership of the System shall be transferred to the Purchaser free of cost.

3.2 Purchase Option/ Purchase Obligation

So long as a Purchaser default shall not have occurred and be continuing, Purchaser has -the option to purchase the System by paying the Power Producer the Purchase price as per Schedule III to this Agreement. To exercise its purchase option, the Purchaser shall not less than Ninety (90) days prior to the proposed Purchase Date, provide written notice to the Power, Producer of Purchaser's intent to exercise .its option to purchase the System on such purchase date: In the event Purchaser confirms its intention to exercise the purchase option in writing to the Power Producer, (i) Purchaser shall pay the applicable purchase price to the Power Producer on the Purchase Date, and such payment shall be made in accordance with any written instructions delivered to Purchaser by the Power Producer for payments under the Agreement, and (ii) the Parties shall promptly execute all documents necessary to (A) cause title to the System to pass to Purchaser on the Purchase Date, free and clear of all liens and (B) assign all vendor warranties for the System to Purchaser. Upon execution of the documents and payment of the applicable purchase price in each case as described in the preceding sentence, the agreement shall terminate automatically and the Purchaser shall become the owner of the System. Upon such termination, the Power Producer shall offer' its operations and maintenance ("O&M") services to the Purchaser and the Parties may enter into an O&M agreement in this regard. The terms and conditions of the O&M agreement will be negotiated in good faith between the Parties.

3.3 Conditions of the Agreement prior to installation

In the event that any of the following events or circumstances occur prior to the Commercial Operation Date, the Power Producer may terminate the Agreement, in which case neither Party shall have any liability to the other except for any such liabilities that may have accrued prior to such termination.

- (a) There has been a, material adverse change in the rights of Purchaser to

occupy the Premises or the Power Producer to install the System at the Premises.

- (b) The Power Producer has determined that there are easements, Capacity Cost Recovery (CCRs) or other liens or encumbrances that would materially impair or prevent the installation, operation, maintenance or removal of the System. If any dispute arises before commercial operation date, the same shall be resolved under clause, 17.7 (c)

4 Construction, Installation, Testing and Commissioning of the System.

4.1 Installation Work

- a) The Power Producer will cause the Project to be designed, manufactured, supplied, engineered, erected, tested and commissioned, operated & maintained and constructed substantially in accordance with RFS No _____ dated: _____ and the sanction letter issued by <NAME OF EXPERT PSU>. The Power Producer shall provide to the Purchaser a bill of materials listing the major equipment constituting the System. Such bill of materials shall be provided within 30 days of the Commercial Operation Date.
- b) The Power Producer shall have access as reasonably permitted by the Purchaser to perform the Installation Work at the Premises in a manner that minimizes inconvenience to and interference with the use of the Premises to the extent commercially practical.
- c) It is agreed between the Parties that the Power Producer shall commission the System with a capacity of ____ kWp. Power Producer may construct a System of smaller size if it receives only part approval of government subsidies or for any other material commercial reason, as mutually agreed between the Parties in writing, In the event a System of smaller capacity is eventually agreed to be

installed, the clauses pertaining to Purchase Price as set out under this Agreement shall be adjusted proportionately as per mutual agreement between the Parties in writing.

- d) The Power Producer shall provide and lay the dedicated electrical cables for transmission of Solar Power from the System up to the Delivery Point. Transmission or distribution of Solar Power beyond this point will be the responsibility of the Purchaser. The Delivery Point shall be where the Main Metering System is located.
- e) Unless otherwise agreed between the Parties, the Power Producer shall not do (a) chipping of rooftop; or (b) water proofing of roof to be disturbed ;(c) Carry out any other modification of the Premises without the written consent of the Purchaser.
- f) The Power Producer shall maintain general cleanliness of area around the Project during construction and operation period of the Project. In case any damages is caused to the equipment / facilities owned by the Purchaser due to the Power Producer, the same shall be made good rectified by the Power Producer at their cost.
- g) The Power Producer shall, within fifteen (15) working days of the Effective Date, submit to the Purchaser shop drawings of the Project for approval ("Shop Drawings"). The drawings will have to be approved from the Power Purchaser within 3 working days from the submission of the drawings. If the Purchaser has any objection/recommendation in the Shop Drawings, he shall communicate the same to Power Producer within a period of ten (10) working days of the date of submission of the Shop Drawings. Any delay will extend the Effective Date and such approval shall not be unreasonably withheld. Subject to any punch-list

items which shall be agreed by the Purchaser as not being material to completion of the Project, the Power Producer agrees that it shall achieve the completion of the Project/ Commissioning of the Project within the scheduled completion period from the Effective Date ("Scheduled Completion Date"). Purchaser shall ensure that sufficient load is available at the Delivery Point to ensure synchronization and drawl of power from System.

- h) If the Power Producer is unable to commence supply of Solar Power to the Purchaser by the Scheduled Completion Date, other than for the reasons specified in Article 11 and 12.2 (Force Majeure or Purchaser Default), the Power Producer or its contractor shall pay to <NAME OF EXPERT PSU> genuine pre-estimated liquidated damages for the delay in such commencement of supply of Solar Power as per the clause of the <NAME OF EXPERT PSU> RFS appended as Schedule VI format as per respective RFS document to this Agreement.
- i) The Purchaser shall ensure that all arrangements and infrastructure for receiving Solar Power beyond the Delivery Point are ready on or prior to the Commercial Operation Date and is maintained in such state in accordance with applicable laws through the Term of the Agreement.
- j) Power Producer shall fulfill all obligations undertaken by it under this Agreement.

4.2 Approvals and Permits

Each of the Parties shall assist the other Party in obtaining all necessary Government Approvals, third party approvals and permits including but not limited to those listed in Schedule V hereto and any waivers, approvals or releases required pursuant to any applicable CCR.

4.3 System Acceptance Testing

- (a) The Power Producer shall give 10 days advance notice to conduct the testing of the Project and shall conduct testing of the Project in the presence of Purchaser's designated representative.
- (b) If the results of such testing indicate that the System is capable of generating electric energy (at full rated KWp) for 5 continuous hours using such instruments and meters as have been installed for such purposes, then the Power Producer shall send a Written notice to Purchaser to that effect, and the date of successful conducting such tests and injection of. Power at Delivery Point shall be the "**Commercial Operation Date**"

5 System Operations

5.1 The Power Producer as Owner and Operator

The System will be legally and beneficially owned by the Power Producer and will be operated and maintained and, as necessary, repaired by the Power Producer at its sole cost and expense. Replacement of spare parts if any shall be responsibility of Power Producer for the complete period of Agreement. If any repair or maintenance costs incurred by the Power Producer as a result of Purchaser's breach of its obligations, shall be reimbursed in full by Purchaser.

Power Producer shall not be responsible for any work done by others on any part of the System/Project authorized by the Purchaser and not authorized in advance by the Power Producer in writing. Power Producer shall not be responsible for any loss, damage, cost or expense arising out of or resulting from improper operation or maintenance of the System by Purchaser or anyone instructed to do such work by Purchaser. In the event of a problem with the System, as a result of the Purchaser actions for which Power Producer is not responsible as provided in this Agreement,



Purchaser may choose and pay Power Producer for diagnosing and correcting the problem at Power Producer or Power Producer's contractors standard rates.

5.2 Metering

- (a) The Power producer shall install the Main Metering System with due certification for the measurement of electrical energy produced by the System.
- (b) The meter will be read by Power Producer's personnel on the Metering date. The authorized representative of the Purchaser shall be present at the time of meter reading. Both the Parties shall sign a joint meter reading report. However, in case the Joint meter reading report is not signed in the first three business days of any month due to non-availability of the Purchaser's authorized representative, the report signed by the Power Producer shall be considered as Joint Meter Reading Report. The Parties agree that such Joint meter reading Report shall be final and binding on the Parties.
- (c) The Main Metering System at the Delivery Point and any additional meters required by Applicable Law shall be tested, maintained and owned by the Power Producer.
- (d) The Power Producer shall connect the Solar output to the existing system of the Purchaser as per the requirements and guidelines of the state DISCOM
- (e) The Purchaser may, at its own discretion, install a check meter, at its cost, to verify the measurements of the Main Metering System.
- (f) The title to the Solar Power supplied by the Power Producer shall pass

to the Purchaser at the Delivery Point.

- (g) Power Producer shall be responsible for transformer etc. "if required" & metering as per respective clause of RFS (reference to be quoted).

5.3 System Disruptions

- (a) Availability of premises: Purchaser will provide full access of the site to Power Producer for installation, operation and maintenance of solar power plant during the period of Agreement. Power Purchaser will also provide restricted access of the Premises to Power Producer for operation and maintenance of solar power plant.
- (b) Purchaser will not provide/construct any structure within its Premises or around its premises which shades the solar panels effecting the generation of the energy during the Agreement period.
- (c) Roof Repair and other System Disruptions In the event that (a) the Purchaser repairs the Premises' roof for any reason not directly related to damage, if any, caused by the System, and such repair required the partial or complete temporary disassembly or movement of the System, or (b) any act or omission of Purchaser or Purchaser's employees, Affiliates, agents or subcontractors (collectively, a "**Purchaser Act**") result in a disruption or outage in System production, and such events attributable to Purchaser (except Force majeure, then, in either case) Purchaser shall (i) pay the Power Producer for all work required by the Power Producer to disassemble or move the System and re-assemble the system after completion of the repair work and (ii) continue to make all payments for the Solar Power during such period of System disruption



(the "**Disruption Period**"). For the purpose of calculating Solar Power Payments and lost revenue for such Disruption Period, Solar Power shall be deemed to have been produced at the average rate. Over the preceding 12 (Twelve) months, or, if the disruption occurs within the first 12 months of operation, the average over such period of operation (deemed generation). Power producer shall inform about the 'disruption or outage in System production, for reasons attributable to purchaser in 'writing with date and time of such occurrences, and Purchaser's liability shall start from the date of intimation for above of disruption or outage in system production, on account of Purchaser.

6 Delivery of Solar Power

6.1 Purchaser Requirement:

Purchaser agrees to purchase one hundred percent (100%) of the Solar Power generated by the System and made available by the Power Producer to Purchaser at the Delivery Point during each relevant month of the Term. In the event that the Purchaser is unable to off take 100% of the electricity generated, when it is generated, then Deemed Generation will apply only in case following conditions:

- a) In the event Power Producer is generating power more than the available load, and the Purchaser is not able to export or record the excess units generated due to faults in the equipment's of the Purchaser e.g., Net meter Cables, Equipment's etc., which may stop the feeding / record of the Solar Power generated.
- b) In the event that the Purchaser fails to ensure adequate space for solar equipment to ensure that other structures do not partially or wholly shade any part of the Solar Power Plant and if such shading occurs, the Power Producer may apply for Deemed Generation furnishing the calculation for loss in generation due to such shading supported by the relevant data, which shall be approved by Purchaser within one month of submission

failing which the Power Producer shall claim provisional deemed generation till the issue is finally settled.

6.2 Estimated Annual Production

The annual estimate of Solar Power with respect to the System for any given year as determined pursuant to this Section shall be the "Estimated Annual Production". The Estimated Annual Production for each year of the Initial Term is set forth in Schedule IV hereof.

6.3 Suspension of Delivery

Power Producer shall be entitled to suspend delivery of electricity from the System to the Delivery Point for the purpose of maintaining and repairing the System upon giving one week's advance written notice to the Purchaser except in the case 'of emergency repairs. Such suspension of Service shall not constitute a breach of this Agreement provided that the Power Producer shall use commercially reasonable efforts to minimize any 'interruption in service to the Purchaser. However, any preventive maintenance shall be done only during the period when plant is not generating.

7 Tariff and Payments

7.1 Consideration Purchaser shall pay to the Power Producer a monthly payment (the "**Solar Power Payment**") for the Solar Power generated by the System as per the Metering clause 5.2 (b) above during each calendar month of the Term equal to the actual Monthly Production as recorded in Joint Meter Reading Report for the System for the relevant month multiplied by the Tariff irrespective of (i) whether any or all units of Solar Power has been drawn, consumed or utilized by Purchaser and / or (ii) whether any Solar Power has been injected, whether inadvertently or otherwise, into the grid of the Distribution Utility. The Power Producer will bill the Purchaser for each KWh

metered as above at the Delivery Point, at the Tariff prevailing at that point of time. As detailed in Schedule - II, the Tariff will be equal to Rs. ____/kWh levelized tariff as per <NAME OF EXPERT PSU> allocations. The 'year' Considered shall be the financial year which April 1st to 31st March of every year as per <NAME OF EXPERT PSU> Schedule II provides a detailed year on year tariff schedule.

7.2 Invoice

The Power Producer shall invoice Purchaser on the first day of each month (each, an "Invoice Date") commencing on the first Invoice Date to occur after the Commercial Operation Date, for the Solar Power Payment in respect of the immediately preceding month. The last invoice shall -include production only through the Expiration Date of this Agreement.

7.3 The invoice to the purchaser shall include.

- (a) The Solar Power calculations for the relevant billing period.
- (b) Supporting data, documents and calculations in accordance with this Agreement.

7.4 Time of payment

Purchaser shall pay all amounts due hereunder within 30 days after the date of the receipt of the invoice via email or post ("Due Date").

7.5 Method of Payment

Purchaser shall make all payments under the Agreement by cheque / demand draft/ electronic funds transfer only in immediately available funds to the' account designated by the Power Producer from time to time.. All payments made hereunder shall be non-refundable, subject to the applicable tax deduction at source, and be made free and clear of any other tax, levy, assessment; duties or other charges and not subject to

reduction, set-off, or adjustment of any kind. Further, if any taxes and duties are leviable currently or in future, such taxes and duties shall be paid by the Purchaser over and above the solar electricity tariff mentioned in this agreement. Such taxes and duties could include, but not restricted to Electricity Duty, Tax on Sale of Electricity (TOSE). If the Purchaser deducts any tax at source, the Purchaser will issue a tax credit certificates as per law.

7.6 Late Payment Surcharge/ Early Payment Discount

In case payment of any invoice is delayed by the Purchaser beyond its Due Date, a late payment surcharge shall be payable by Purchaser to the Power Producer at the rate of 1.25% per month ("**Late Payment Surcharge**") calculated on the amount of outstanding payment, calculated on a day to day basis for each day of the delay, compounded on monthly rates. Late Payment Surcharge shall be claimed by the Power Producer, through its subsequent invoice.

7.7 Disputed Payments

In the event that the Purchaser disputes an invoice, it shall give notice of such a dispute within 15 days of receiving the invoice setting out details of the disputed amount. The Purchaser shall pay by the Due Date 100% of any undisputed amount and in case the invoice is disputed, the Purchaser shall pay an amount based on average consumption of last three consecutive undisputed invoices. Amount so recovered shall be subject to final adjustment on resolution of the dispute. Thereafter, the Parties shall discuss and try to resolve the disputed amount within a week of receipt of such notice of dispute. If the Parties resolve the dispute, an appropriate adjustment shall be made in the next invoice. If the dispute has not been resolved by the date of the next invoice the dispute shall be referred to a committee of one member from each of Purchaser and Power Producer, If the dispute is still-not resolved by the next following invoice it shall be referred to Arbitration as provided in the present Agreement.

7.8 Change in Law:

(a) For the Purpose of this section 7.8, the term "Change in Law" shall mean the occurrence of any of the following events after the Effective date, resulting into any additional recurring / non-recurring expenditure by the Power Producer or any income to the Power Producer. The enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Law, including rules and regulations framed pursuant to such Law: or

- (i) A change in the interpretation of any Law by any Governmental Authority having the legal power to interpret or apply such Law, or any competent court; or
- (ii) The imposition of a requirement, for obtaining any Government Approvals which was not required earlier; or
- (iii) a change in the terms and conditions prescribed for obtaining any Government Approvals or the inclusion of any new terms or conditions for Obtaining such Government Approvals; or
- (iv) any introduction of any tax made applicable for supply of power by the Power Producer as per the terms of this Agreement. Any benefit due to change in tax on the sale of solar energy shall be passed on to Purchaser.
- (v) Any benefit arising due to change in above para (i) to (iv) shall be passed on to the Purchaser. But not include any change in any withholding tax on income or dividends distributed to the shareholders of the Power Producer.

(b) Application and Principles for computing impact of Change in Law:

While determining the consequence of Change in Law under this Article 7.8, the Parties shall have due regard to the Principle that the purpose of compensating the Party affected by such change in Law, is to restore through monthly bill payment, to the extent contemplated in this Article 7.8, the affected Party to the same economic position as if such Change in Law has not occurred and such impact shall be mutually decided in writing.

(c) Solar Power Payment Adjustment Payment on account of Change in Law Subject to provisions mentioned above, the adjustment in Solar Power Payment shall be effective from:

- (i) The date of adoption, promulgation, amendment, re-enactment or repeal of the Law or Change in Law; or
- (ii) The date of order/ judgment of the competent court; of tribunal or Governmental Authority, if the Change in law is on account of a change in interpretation of Law.

8 General Covenants

8.1 Power Producer's Covenants

The Power Producer covenants and agrees to the following:

- (a) **Notice of Damage or Emergency:** The Power Producer shall (a) promptly notify Purchaser if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System, (b) immediately notify Purchaser once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.
- (b) **System Condition:** The Power Producer shall take all actions reasonably

necessary to ensure that the System is capable of providing Solar Power at a commercially reasonable continuous rate: Subject to there being no Purchaser Default, the Power Producer 'shall provide 24 x 7 offsite / offsite monitoring and maintenance of the System throughout the period of this agreement at no additional cost.

- (c) The System shall meet minimum guaranteed generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) as per the daily normalized irradiance levels of the location during the O&M period. PR shall be minimum of 75% at the time of inspection for initial Project acceptance.
- (d) **Governmental Approvals :** While providing the Installation work, solar Power and System Operations, the Power Producer shall obtain and maintain and secure all Governmental Approval required to be obtained and maintained and secured by the Power Producer and to enable the Power Producer to perform such obligations
- (e) The interconnection of the rooftop solar system with the network of the distribution licensee shall be made as per the technical standards for connectivity of distributed generated resources regulation's .as may be notified by the competent authority. The interconnection of the rooftop solar system shall be as per the contracted load and / or respective voltage level applicable to the Purchaser as per the provisions of the guidelines issued by the competent authority.
- (f) **Health and Safety:** The Power Producer shall take all necessary and reasonable safety precautions with respect to providing the installation Work, Solar Power, and System Operations that shall comply with all Applicable Law pertaining-to the health and safety of persons and real and personal property.

8.2 Power Producer's Representatives

During the subsistence of this Agreement, the Power Producer undertakes to respond to all questions, concerns and complaints of the Purchaser regarding the System in a prompt and efficient manner. The Power Producer designates the following individual as its representative pertaining to performance of this Agreement till the Commercial Operation Date:

Name: _____

Telephone: _____

Email: _____

The Power Producer designates the following individuals as its representative and primary point of contact pertaining to performance of this Agreement following the Commercial Operation Date till termination:

Name: _____

Telephone: _____

Email: _____

8.3 Purchaser's Covenants

Purchaser covenants and agrees to the following:

- (a) **Notice of Damage or Emergency:** Purchaser shall (a) promptly notify the Power Producer if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System; (b)



immediately notify the- Power Producer once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.

- (b) **Liens:** Purchaser shall not directly or indirectly cause, create, incur, assume or suffer to exist any Liens on or with respect to the System or any interest therein. If Purchaser breaches its obligations under this Clause, it shall immediately notify the Power Producer in writing, and shall promptly cause such Lien to be discharged and released of record without any cost to the Power Producer, and shall indemnify the Power Producer against all costs and expenses (including reasonable attorneys fees and court costs) incurred in discharging and releasing such Lien.
- (c) **Consents and Approvals:** Purchaser shall ensure that any authorizations required of Purchaser under this Agreement, including those required for installation of System at the Premises and to drawl consume Solar Power are provided in a timely manner. The Purchaser shall cooperate with the Power Producer to obtain such approvals, permits, rebates or other 'financial incentives.
- (d) **Access to Premises Grant of License:** Purchaser hereby grants to the Power Producer a license co-terminus with the Term, containing all the rights necessary for the Power Producer to use portions of the Premises for the installation, operation and maintenance of the System pursuant to the terms of this Agreement, including ingress and egress rights to the Premises for the Power Producer and its employees and authorized representatives and access to electrical panels and conduits to interconnect or disconnect the System with the Premises electrical wiring with the consent and approval of the Purchaser's authorized representative identified by the Purchaser. Photo IDs will be provided by the Power Producer. Power Purchaser will assist in availing permissions to the site.

- (e) **Security:** The building which has enhanced security of Solar Power System Purchaser will keep the premises locked. In spite of these measures, if any damages to the System takes place due to theft or vandalism then the same shall be claimed or reimbursed through insurances by Power producer. In case of theft and vandalism acts, the Purchaser will assist the Power Producer in procedures of filing FIRs, insurance claims and any other related activities. Whenever, the damages to the System occurs (except due to negligence of Power Producer) then the same shall be jointly assessed by both the Parties and a severity level will be decided, which will further decide the duration offered to the Power Producer to correct the damage, and the Power Producer shall be paid the amount on the basis of 'Deemed generation' for such a period. Power Producer shall be entitled to any insurance proceeds received for damages in this clause. Purchaser will not conduct activities on, in or about the Premises that have a reasonable likelihood of causing damage, impairment or otherwise adversely affecting the System. If System is damaged due to any such activity or through any other agency contracted by the Purchaser directly or indirectly, such damage will be borne by the Purchaser.
- (f) Regardless of whether Purchaser is owner of the Premises or leases the Premises from a landlord, Purchaser hereby covenants that (a) the Power Producer shall have access to the Premises and System during the Term of this Agreement, and (b) neither Purchaser nor Purchaser's landlord will interfere or handle any of the Power Producer's equipment or the System without written authorization from the Power Producer.
- (g) **Temporary storage space during installation :** Purchaser shall provide sufficient space at the Premises for the temporary storage and staging of tools, materials and equipment and for the parking of construction crew vehicles and temporary Construction, trailers and facilities reasonably necessary during the Installation Work, System Operations and access for rigging and material handling.

- (h) **Sunlight Easements:** Purchaser will take all reasonable actions as necessary to prevent other building, structures or flora from overshadowing or otherwise blocking access of 'sunlight to the System, including but not limited to-such actions as may be reasonably necessary to obtain a solar access easement for such purpose.
- (i) **Evacuation** — Purchaser shall off take 100% of the Solar Power generated from the Delivery Point, and pay all invoices raised by the Power Producer under this Agreement by the 'Due Date and pay interest on delayed payments, if any, as per this Agreement.
- (j) **Water** - Power Purchaser at zero cost shall arrange Raw Water at a given point as per the requirements of the Power Producer, for periodic cleaning of the solar panels (____ liters - twice a month).
- (k) **Auxiliary Power** — The Purchaser shall provide sufficient auxiliary power to the Power Producer for the maintenance and operation of its system, if available and possible, at the rate Purchaser is paying to the DISCOM.
- (l) **Relocation** - If one or more of the Solar Power Plant panels needs to be temporarily moved or its generation suspended, for any other reason requested by the Power Purchaser, the Power Purchaser will be responsible for pre-agreed costs on actuals only, arising from moving, disassembling and re-installing/ commissioning the Solar Power Plant, as agreed between the Parties. The Power Producer will be responsible for providing detailed documentary proof of the actual pre-agreed costs borne for such relocation/disassembling. Within 30 days of these satisfactory documents being provided by the Power Producer, the Purchaser shall reimburse these pre-agreed expenses in full, and delayed payment beyond the date mentioned above will attract Late Payment charges as described in Clause 7.6. During any interruption in generation during such relocation, the Purchaser will

continue to be billed as per Deemed Generation, during the period of interruption, for the affected Solar Power Plant(s).

9 Representations & Warranties

9.1 Representations and Warranties Relating to Agreement Validity In addition to any other representations and warranties contained in the Agreement, each Party represent and warrants to the other that:

- (a) It is duly organized and validly existing and in good standing in the jurisdiction of its incorporation;
- (b) It has the full right and authority to enter into, execute, deliver, and perform its obligations under the Agreement.
- (c) It has taken all requisite corporate or other action to approve the execution, delivery, and performance of the Agreement;
- (d) The Agreement constitutes its legal, valid and binding obligation enforceable against such Party in accordance with its terms;
- (e) There is not litigation, action, proceeding or investigation pending or, to the best of its knowledge, threatened before any court or other Governmental Authority by, against, affecting or involving any of it's business or assets that could reasonably be expected to adversely affect its ability to carry out the transactions contemplated herein; and
- (f) Its execution and performance of the Agreement and the transactions contemplated hereby do not constitute a breach of any term or provision of, or a default under (i) any contract or agreement to which it or any of

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its Affiliates is a party or by which it or any of its Affiliates or its or their property is bound, (ii) its organizational documents, or (iii) any Applicable Laws.

10 Taxes and Governmental Fees

10.1 Purchaser obligations

Purchaser shall pay for any taxes, fees or charges imposed or authorized by any Governmental Authority in future (as on date no such taxes/fees/charges are being levied) on sale of the Solar Power to Purchaser pursuant to clause 7. The Power Producer shall notify Purchaser in writing with a detailed statement of such amounts, which shall be invoiced by the Power Producer in the monthly bills and payable by Purchaser. Purchaser shall timely report, make filings for, and pay any and all sales, use, income or other taxes, and any other amounts assessed against it due to its purchase of the Solar Power. This Section 10.1 excludes taxes specified in Section 10.2.

10.2 Power Producer Obligations

The Power Producer shall be responsible for all income taxes and any and all franchise fees or similar fees assessed against it due to its ownership of the System. The Power Producer shall not be obligated for any taxes payable by or assessed against Purchaser based on or related to Purchasers overall income or revenues.

11 Force Majeure

11.1 Definition

"Force Majeure Event" means any act or event that prevents the affected Party from performing its obligation in accordance with the Agreement, if such act or event is beyond the reasonable control of the affected Party and such Party had been unable to overcome such act or event with the exercise of due diligence (including the

expenditure of reasonable sums). Subject to the foregoing conditions, "Force Majeure Event" shall include without limitation the following acts or events: (i) natural phenomena, such as storms, hurricanes, floods, lightning, volcanic eruptions and earthquakes; (ii) explosions or fires arising from lighting or other causes unrelated to the acts or omissions of the Party seeking to be excused from performance; (iii) acts of war or public disorders, civil disturbances, riots, insurrection, sabotage, epidemic, terrorist acts, or rebellion. A Force Majeure Event shall not be based on the economic hardship of either Party. In case of any damage because of force majeure event, the System shall be repaired / commissioned at its own cost by the Power Producer.

11.2 Excused Performance: Except as otherwise specifically provided in the Agreement, neither Party shall be considered in breach of the Agreement or liable for any delay or failure to comply with the Agreement, if and to the extent that such delay or failure is attributable to the occurrence of a Force Majeure Event; provided that the Party claiming relief under this Section 11 shall immediately (i) notify the other Party in writing of the existence of the Force Majeure Event, (ii) exercise all reasonable efforts necessary to minimize delay caused by such Force Majeure Event, (iii) notify the other Party in writing of the cessation or termination of said Force Majeure Event and (iv) provided, however, that Purchaser shall not be excused from making any payments and paying any unpaid amounts due in respect of Solar Power delivered to Purchaser prior to the Force Majeure Event performance interruption.

11.3 Termination as a Consequence of Force Majeure Event

If a Force Majeure Event shall have occurred that has affected the Power Producer's performance of its obligations hereunder and that has continued for a continuous period of one hundred eighty (180) days, then Purchaser shall be entitled to terminate the Agreement and if such Force Majeure Event continues for further ninety (90) days period, the Agreement shall automatically terminate. Upon such termination for a Force Majeure Event, neither Party shall have any liability to the other (other than any

such liabilities that have accrued prior to such termination).

12 Default

12.1 Power Producer Defaults and Power Purchaser Remedies

- (a) Power Producer Defaults: The following events shall be defaults with respect to the Power Producer (each, a "**Power Producer Default**").
 - (i) An Insolvency Event shall have occurred with respect to the Power Producer;
 - (ii) Failure to achieve Commissioning of the System within the period as per RFS document; and
 - (iii) The Power Producer breaches any material term of the Agreement and
 - (A) if such breach can be cured within sixty (60) days after Purchaser's written notice of such breach and the Power Producer fails to cure the same; or (B) the Power Producer fails to commence and pursue a cure within such sixty (60) days period if a longer cure period is needed.
- (b) **Purchaser's Remedies:**
 - (i) If a Power Producer Default described in Section 12.1 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, Purchaser shall have a right to deliver a notice of its intention to terminate this Agreement ("Purchaser Preliminary Default Notice"), which shall specify in reasonable detail, the circumstances giving rise to the issue of such notice.

- (ii) Upon the occurrence and continuation of Power Producer Default and the failure by the Power Producer to cure such default within the applicable cure period specified in this Article; the Purchaser shall be at liberty avail the services of any other firm / successful bidder.
- (iii) Following the issue of Purchaser Preliminary Default Notice, it shall be the responsibility of the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant Power Producer's Default having regard to all the circumstances: If the Power Producer Default is not cured within a period of sixty (60) days of the issue of Purchaser Preliminary Default Notice or any other such period mutually agreed upon by the Parties, the Purchaser shall have the right to terminate this Agreement by issuing a Purchaser Termination Notice.
- (iv) Upon the delivery of the Purchaser Termination Notice, this Agreement shall stand terminated. The Power Producer shall have the liability to make payment within sixty (60) days from the date of Purchaser Termination Notice towards compensation to Purchaser equivalent to the difference between the Tariff and the grid rate notified by the relevant Government Authority for that point in time multiplied by the estimated Solar Power generated for a period of two years following the termination, considered on normative capacity utilization factor.
- (v) if the Power Producer fails to remove the System from the Premises within one month from the date of termination, the Purchaser shall be entitled to dispose of the System in any manner it deems fit.
- (vi) The Power Purchaser may exercise any other remedy it may have at law or equity or under the Agreement.

12.2 Power Purchaser Defaults and Power Producer's Remedies

- (a) Purchaser Default : The following events shall be defaults with respect



to Purchaser (each, a "**Purchaser Default**")

- (i) An Insolvency Event shall have occurred with respect to Purchaser;
 - (ii) Purchaser breaches any material term of the Agreement if (A) such breach can be cured within sixty (60) days after the Power Producer's notice of such breach and Purchaser fails to so Cure, or (B) Purchaser fails to commence and pursue said cure within such sixty (60) day period if a longer cure period is needed; and
 - (iii) Pin-chaser-fails to pay the Power Producer any undisputed amount or, if the amount is disputed, an amount based on average consumption of last three consecutive undisputed invoices to the Power Producer under Section 7.7 of this Agreement within sixty (60) days from the receipt of notice from the Power Producer of such past due amount
- (b) Power Producer's Remedies: If a Purchaser Default described in Sections 12.2 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, the Power Producer shall be entitled to terminate this Agreement by serving a fifteen (15) days' notice and upon such termination, (A) the Power Producer shall be entitled to receive from Purchaser the Purchase Price. The Purchase Price payable shall be the Purchase Price Specified in Schedule III that falls on such date. Upon the payment of the Purchase Price, the Power Producer shall cause the title of the System to transfer to the Purchaser and (b) the Power Producer may exercise any other remedy it may have at law or equity or under the Agreement.

13 Limitations of Liability

13.1 Except as expressly provided herein, neither Party shall be liable to the other

Party or its Indemnified Persons for any special, punitive, exemplary, indirect, or consequential damages, losses or damages for lost revenue or lost profits, whether foreseeable or not, arising out of, or in connection with the Agreement.

13.2 Subject to the provisions of the Agreement, the Power Producer shall be solely responsible for the manner in which its obligations under this Agreement are to be performed. All employees and representatives of the Power Producer, or contractors engaged by the Power producer in connection with Power Producer and shall not be deemed to be employees, representatives, contractors of the Purchaser Nothing contained in the Agreement or in any agreement or contract executed by the Power Producer shall be construed to create any contractual relationship between any such employees, representatives or contractors and the Purchaser.

13.3 Notwithstanding any liability. or obligation that may arise under this Agreement, any loss, damage, liability, payment, obligation or expense which is insured or not or for which the Purchaser can claim compensation under any insurance policy, shall not be charged to or payable by the Purchaser

14 Assignment & Novation

14.1 **Assignment:** Notwithstanding anything contained herein, the Power Producer has the right to assign all or any of its rights under this Agreement (including rights over any assets hereunder), to any third party including, though not restricted to any lender, equipment lessor or other party("Assignment"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. In the event of such assignment, the Purchaser will be able to hold the Power Producer as well as the party to whom the benefits under this contract are assigned, to be jointly and severally responsible for performing the obligations under this contract. Further, in the event of assignment, the Purchaser agrees to make the payments due to the



Power Producer under this agreement, directly to the assignee, upon receipt of such notice by the Power Producer. If the Power Producer were to sell the Solar Power Plant, then the new buyer(s) would need to abide by this Agreement. Further, the Power Producer reserves the right to assign whole or part of the assets to lenders/ leasing companies. Purchaser may assign its rights under this Agreement, without the prior consent of Power Producer, to an Affiliate or any successor in interest to Purchaser, whether by way of merger, reorganization or sale of assets (including any sale of a line of business). This Agreement shall insure to the benefit of and be binding upon Purchaser and its successors or assigns. However, any such actions as intended by the Power Producer under Article 14.1 and Article 14.2 shall be binding on Power Purchaser ,if there are zero material inconsistencies present in the contract provisions during the time of assignment/novation, else, it shall be construed as default in contract and appropriate actions shall be taken as deemed fit.

14.2 Novation: The Parties agree and acknowledge that the Power Producer may intend to novate the Agreement to a party, and has the right to transfer any or all of its rights and obligations under this Agreement to a party or any other third party ("New Party"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. Upon Novation, the New Party shall automatically and without any further action be entitled to all the same rights and assume the same obligations, under this Agreement, as if it were originally a party to this Agreement. Further, the Purchaser hereby agrees and undertakes that, promptly upon receiving a request from the Power Producer, the Purchaser shall execute such further writings, deeds and/or agreements and take all such further actions as may be necessary for effecting or implementing the transfer of any or all of the Power Producer's rights and/or obligations under this Agreement to the New Party. If the parties agree to do Novation then separate Novation agreement shall be executed.

14.3 Notices

Unless otherwise provided in the Agreement, all notices and communications concerning the Agreement shall be in writing and addressed to the Parties at the addresses set forth below:

Power Producer's address and contact details:

Purchasers address and contact details:

14.4 Notice

Unless otherwise provided herein, any notice provided for in the Agreement shall be hand delivered, sent by registered post, or by courier delivery, or transmitted by facsimile and shall be deemed delivered to the addressee or its office when received at the address for notice specified above when hand delivered or sent toy courier delivered or sent by courier delivery, upon posting if sent by registered post and upon confirmation of sending when sent by facsimile on the next Business Day.

15. Confidentiality

15.1 Confidentiality obligation

(a) If the Power Producer provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, and / or technical information regarding the , design, operation and maintenance of the System ("Confidential Information") to Purchaser or, if in the course of performing under the Agreement or negotiating the Agreement Purchaser learns Confidential Information regarding the facilities or plans of the Power Producer, Purchaser shall (a) protect the Confidential information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, Purchaser may provide such Confidential Information to its officers, directors, manager, employees and Affiliates (collectively "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of confidential information shall be informed by Purchaser of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. Purchaser shall be liable for any breach of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Power Producer and shall be returned to. It after Purchaser's need for it has expired or upon the request of the Power Producer.

(b) If the Purchaser provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, ("Confidential Information") to the Power Producer or, if in the course of performing under the

Agreement or negotiating the Agreement the Power Producer learns Confidential Information regarding the facilities Or plans of the Purchaser, the Power Producer shall (a) protect the Confidential Information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, the Power Producer may provide such Confidential Information to its officers, directors, managers, employees and Affiliates (collectively, "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of Confidential Information shall be informed by the Power Producer of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. The Power Producer shall be liable for any breach, of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Purchaser and shall be returned to it after the Power Produce's need for it has expired or upon the request of the Purchaser.

15.2 Permitted Disclosures

Notwithstanding any other provision contained herein, neither Party shall be required to hold confidential any information that;

- (a) Becomes publicity available other than through the receiving Party.
- (b) Is required to be disclosed under Applicable Law or pursuant to a validity issued notice or required filling, but a receiving Party subject to any such requirement shall promptly notify the disclosing Party of such requirement

- (c) Is independently developed by the receiving Party ; or
- (d) Becomes available to the receiving Party without restriction from a third party under no obligation of confidentiality..

16 Indemnity

16.1 Power Producer's Indemnity

Subject to Section 13, the Power Producer agrees that it shall indemnify and hold harmless Purchaser and its members, officers, employees, students, casual laborers, persons permitted' to run any business or service, such as canteens, stores, photocopy units, banks, post office, courier service, hospital and to any lawful visitors (collectively, the "Purchaser Indemnified Parties") from and against any and all Losses incurred by the Purchaser Indemnified Parties to the extent arising from or out of the following any claim for or arising out of any injury to Or death of any Person or Loss or damage to Property of any Person to the extent arising out of the Power Producer's negligence or willful misconduct. The Power Producer shall not, however, be required to reimburse or indemnify any Purchaser Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Purchaser indemnified Party.

16.2 Purchaser's Indemnity

Subject to Section 13, Purchaser agrees that it shall indemnify, defend and hold harmless the Power Producer, its permitted successors and assigns and their respective directors, officers, employees, contractors, sub-contractors, and agents (collectively, the "Power Producer indemnified Parties") from and against any and all Losses incurred by the Power Producer Indemnified Parties to the extent arising from or out of any claim for or arising out of any injury to or death or any Person or loss or cl6mage

to property of any Person to the extent arising out of Purchaser's negligence or willful misconduct. Purchaser shall not, however, be required to reimburse or indemnify any Power Producer Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Power Producer Indemnified Party.

17. Miscellaneous

17.1 Amendments

This Agreement may only be amended, modified or, supplemented by an instrument in writing executed by duly authorized representatives of the Power Producer and Purchaser.

17.2 Goodwill and Publicity

Neither Party shall use any name, trade name, service mark or trademark of the other Party in any promotional or advertising material without the prior written consent of such other Party. The Parties shall coordinate and cooperate with each other when making public announcements related to the execution and existence of this Agreement, and each Party shall have the right to promptly review, comment upon and approve any publicity materials, press releases and other public statements by the other Party that refer to, or that describe any aspect of, this Agreement; provided that no such publicity releases or other public statements (except for filings or other statements or releases as may be required by applicable law) shall be made by either Party without the prior written consent of the other Party. Without limiting the generality of the foregoing and whether or not the consent of the other Party is required or obtained, all public statements must accurately reflect the rights and obligations of the Parties under this Agreement.

17.3 Industry Standards

Except as otherwise set forth herein, for the purpose of the Agreement, the normal

standards of performance within the solar photovoltaic power generation Industry in the relevant market shall be the, measure of whether a Party's performance is reasonable and timely. Unless expressly defined herein, words having well-known technical or trade meanings shall be so construed.

17.4 Cumulative Remedies

Except as set forth to the contrary herein, any right or remedy of the Power Producer or Purchaser shall be cumulative and without prejudice to any other right or remedy.

17.5 No Waiver

The failure of the Power Producer or Purchaser to enforce any of the provisions of the Agreement, or the waiver thereof, shall not be construed as a general waiver or relinquishment on its part of any such provision in any other instance or of any other provision in any instance.

17.6 Survival

The obligations under Section 8:1 (d) (Power Producer Covenant), Sections 8.3(d), (e), (f) and (g) (Purchaser Covenants), Section 10 (Taxes and Governmental Fees), Section 13 (Limitation of Liability) Section 12.2 (Notices), Section 15 (Confidentiality), or pursuant to other provisions of this Agreement that, by their nature and context, are intended to survive. Termination of this Agreement shall survive the expiration or termination of this Agreement for any reason.

17.7 Governing Law & Jurisdiction

- (a) This Agreement shall be governed by and construed in accordance with the laws of India. The Parties agree that the courts in Delhi shall have jurisdiction over any action or proceeding arising under the Agreement.

- (b) In the event of any Dispute, difference of opinion or dispute or claim arising out of or relating to this Agreement or breach, termination or the invalidity thereof, shall firstly be attempted to be resolved by conciliation. Any Dispute that cannot be settled through conciliation procedure shall be referred to arbitration in accordance with the procedure given below. The Parties agree to comply with the awards resulting from arbitration and waive their rights to any form of appeal insofar as such waiver can validly be made. Cost of conciliation shall be equally shared by both the parties.

(c) Arbitration Procedure:

Settlement of Dispute :

If any dispute of any kind whatsoever arises between Purchaser and Power Producer in connection with or arising out of the contract including without prejudice to the generality of the foregoing, any question regarding the existence, validity or termination, the parties shall seek to resolve any such dispute or difference by mutual consent.

If the parties fail to resolve, such a dispute or difference by mutual consent, within 45 days of its arising, then the dispute shall be referred by either party by giving notice to the other party in writing of its intention to refer to arbitration as hereafter provided regarding matter under dispute. No arbitration proceedings will commence unless such notice is given. Any dispute in respect of which a notice of intention to commence arbitration has been given in accordance with Sub Clause _____, shall be finally settled by arbitration.



In case the Contractor (Power Producer) is a Public Sector Enterprise or a Government Department:

In case the Contractor is a Public Sector Enterprise or a Government Department, the dispute shall be referred for resolution in Permanent Machinery for Arbitration (PMA) of the Department of Public Enterprise, Government of India. Such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusive. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

In All Other Cases

In all other cases, any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.

The Purchaser and the Power Producer shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within Thirty (30) days after the later of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority for third arbitrator which shall be the President, Institution of Engineers.

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If one party fails to appoint its arbitrator within thirty (30) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.

If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned in Clause _____ (Governing Law) and a substitute shall be appointed in the same manner as the original arbitrator.

Arbitration proceedings shall be conducted with The Arbitration and Conciliation Act, 1996. The venue or arbitration shall be New Delhi.

The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration panel, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.

The arbitrator(s) shall give reasoned award.

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the agreement unless they otherwise agree.

Cost of arbitration shall be equally shared between the Power Producer and Purchaser.

17.8 Severability

If any term, covenant or condition in the Agreement shall, to any extent, be invalid or unenforceable in any respect under Applicable Law, the remainder of the Agreement shall not be affected thereby, and each term, covenant or condition of the Agreement shall be valid and enforceable to the fullest extent permitted by Applicable Law and if appropriate, such invalid or unenforceable provision shall be modified or replaced to



give effect to the underlying intent of the Parties and to the intended economic benefits of the Parties.

17.9 Successors and Assigns

This Agreement and the rights and obligations under the Agreement shall be binding upon and shall inure to the benefit of the Power Producer and Purchaser and their respective successors and permitted assigns.

17.10 Counterparts

This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument.

17.11 Independent Service Provider

This Agreement is on a principal to principal basis between the parties hereto Nothing contained in tills Agreement shall be construed or deemed to create any association, partnership or joint venture or employer employee relationship or principal-agent relationship in any manner whatsoever between the Parties

17.12 Non-Exclusive Agreement

This Agreement is on non-exclusive basis. The Purchaser is free to engage any other service provider's or may entrust services similar to those provided by the Power Producer under this Agreement to any other person/s, provided the Power Producer's rights under this Agreement are not affected in any manner

17.13 Entire Agreement

This Agreement constitutes the entire agreement between the Parties hereto with
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respect of the subject matter of this Agreement and supersedes all prior agreements and undertakings; written or oral, with respect to the subject matter hereof except as otherwise expressly provided herein. The Schedules annexed to this Agreement also form a part of this Agreement.

17.14 Insurance

The Power Producer shall maintain at its own costs, throughout the tenure of this Agreement and any extensions thereof all mandatory insurance coverage for adequate amount including but not restricted to comprehensive general liability insurance including theft and vandalism, covering the System and accidental losses, bodily harm, injury, death of all individuals employed/ assigned by the Power Producer to perform the services required under this Agreement.

17.15 Annual accounts reconciliation shall be conducted annually between the Power Producer and Purchaser.

17.16 Entire Agreement

This Agreement constitutes the entire agreement between the Parties hereto with respect to the subject matter of this Agreement and supersedes all prior agreements and undertakings, written or oral, with respect to the subject matter hereof except as otherwise expressly provided herein. The Schedules annexed to this Agreement also form a part of this Agreement.

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IN WITNESS WHEREOF the Parties have caused the Agreement to be duly executed through their duly authorized representatives as of the date set forth above.

FOR & ON BEHALF OF		FOR & ON BEHALF OF	
THE PRESIDENT OF INDIA		POWER PRODUCER	
Signature:		Signature:	
Name:		Name:	
Designation:		Designation:	

WITNESSES		WITNESSES	
1)	Signature:	1)	Signature:
	Name:		Name:
	Designation:		Designation:

2)	Signature:	2)	Signature
	Name:		Name
	Designation:		Designation

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SCHEDULE-I

Description of the Premises:

Premises Overview	
Segment	
Type of Roof	
Hours of Operation	
Security	
	Capacity and Area Requirement
Capacity	___ kWp
Module Area	___ sqr mtr (PV System)
Number of Building	___
Roofs	
Capacity	_____
Distribution	

SCHEDULE IIFEES

Following are the details of the tariff agreed between the parties.

Purchase shall pay power producer for solar power at the rate equal to INR ____/kWh which is the levelized tariff as per <NAME OF EXPERT PSU> allocation.

Year wise tariff is as follows;

Year 1	
Year 2	
Year 3	
Year 4	
Year 5	
Year 6	
Year 7	
Year 8	
Year 9	
Year 10	
Year 11	
Year 12	
Year 13	
Year 14	

9/

Year 15	
Year 16	
Year 17	
Year 18	
Year 19	
Year 20	
Year 21	
Year 22	
Year 23	
Year 24	
Year 25	

The fees and payment details are provided in detail under clause 7 of this agreement.

SCHEDULE III

The following is the purchase value of the system over a period of 25 years.

This may be applicable under the following conditions.

1. The Power Purchaser terminates the PPA before the 25 years PPA Tenure
2. The Power Purchaser wishes to own the Project before the Tenure of the PPA.
3. The Solar Project is relocated or shifted owing to demolition of the Building, damage to the building, change of city plans or any other reason.

The Price reference taken for calculating the total cost of the system is as per RFS rates for the state of _____ has used the CERC guidelines for arriving at the Project cost.

Year of Term (End of Year)	Calendar Year	Purchase Price in Crores (Rs)
1		
2		
3		
4		
5		
6		
7		
8		

93

9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

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SCHEDULE IV

	Project :	kWp Solar On-Grid Power Project ____		
	Location :	New Delhi		
			Design Criteria	
	Expected Yearly Energy Generation Sheet			
End of	Yearly Degradation	Global incident in	Energy injected	
Year	'MWh' (Modules &	coll. Plane (GlobInc)	into grid (E_Grid)	
	System)	'kWh/Sq.mtr' Yearly	'MWh' Yearly 'A'	

Client :	Degradation consider in PV system generation data		
1.	1.0%		
2.	1.0%		
3.	1.0%		
4.	1.0%		
5.	1.0%		
6.	1.0%		
7.	1.0%		

8.	1.0%		
9.	1.0%		
10.	1.0%		
11.	1.0%		
12.	1.0%		
13.	1.0%		
14.	1.0%		
15.	1.0%		
16	1.0%		
17	1.0%		
18	1.0%		
19	1.0%		
20	1.0%		
21	1.0%		
22	1.0%		
23	1.0%		
24	1.0%		
25	1.0%		

SCHEDULE V**Government approvals**

1. To be obtained by the power producer

All approvals including approvals/consents required under local regulations, building codes and approvals required from the distribution utility etc. relating to installation and operation of the system (including the government incentives/subsidies available for the project) and generation and supply of solar power from the Project.

2. To be obtained by Power Purchaser

Any authorizations required of purchaser, including those required for installation of system at the premises. Permissions and coordination with DISCOM or any related organization for NET METERING. Power Purchaser will apply for net metering and bear the cost of net meter only.

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Purchase Price for kWp system @ Rs. ____/- Watt.	
Year	Salvage Value (Rs.)
1st year	
2nd year	
3rd year	
4th year	
5th year	
6th year	
7th year	
8th year	
9th year	

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10th year	
11th year	
12th year	
13th year	
14th year	
15th year	
16th year	
12th year	
13th year	
14th year	

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15th year	
16th year	
17th year	
18th year	
19th year	
20th year	
21th year	
23rd year	
24th year	
25th year	



SCHEDULE VI

RfS

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ANNEXURE-I

BANK DETAILS

NAME OF THE BENEFICIARY:

PRINCIPAL PLACE OF BUSINESS & ADDRESS:

NAME OF THE BANK:

BANK ADDRESS:

BANK ACCOUNT NO:

TYPE OF BANK ACCOUNT - SB/CA/CC:

IFSC/NEFT/RTGS CODE:

MICR CODE:

PAN CARD NO:

PHONE NO./FAX NO. WITH STD CODE:

EMAIL ID OF CONTACT PERSON:

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सोलर एनर्जी कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

Solar Energy Corporation of India Ltd.

(A Government of India Enterprise)

स्वच्छ भारत - स्वच्छ ऊर्जा

Ref. No.: SECI/C&P/MNRE/1000MW RT/IND/122016/NOA/15823
Date: 12.09.2017

Azure Power Rooftop One Pvt. Limited
8, Local Shopping Complex
Pushp Vihar, Madangir
New Delhi - 110 062

Attn: Mr. Gaurang Sethi (Head - Business Development)

Sub.: Letter of Allocation (LOA) as Successful Bidder/ Developer for Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX and/ or RESCO Model (PHASE - I) against RfS No.: SECI/C&P/MNRE/1000MW RT/IND/122016

Dear Sir,

1.0 REFERENCE

This has reference to the following:

- 1.1 Our Invitation for Bids (IFB) dated 09.12.2016
- 1.2 Bidding documents for the subject package issued vide our NIT Ref. No. SECI/C&P/MNRE/1000MW RT/IND/122016 dated 09.12.2016
- 1.2.1 Amendments to Bidding Documents issued vide our Amendment no. I dated 29.12.2016, Amendment no. II dated 20.01.2017, Amendment no. III dated 14.04.2017, Amendment no. IV dated 21.04.2017 and Amendment no. V dated 26.04.2017
- 1.2.2 Clarifications to the Bidding Documents, pursuant to pre-bid conference held on 10.01.2017, issued vide our clarifications dated 20.01.2017
- 1.3 First envelope of the Bid submitted by the bidder for the subject package and was opened on 15.05.2017
- 1.4 Second Envelope of the Bid by the bidder for the subject package and was opened on 21.07.2017
- 1.5 Consent for matching with L-1 Price

2.0 AWARD OF CONTRACT AND ITS SCOPE

- 2.1 We confirm having accepted bid of the successful bidder/ developer (referred to at para 1.3 & 1.4 above) read in conjunction with all the specifications, terms & conditions of the bidding documents (referred to at para 1.2, 1.2.1 & 1.2.2) and specific consent offered (referred to at para 1.5 above), and award on the successful bidder/ developer the 'Contract' (also referred to as the "Project" or "Scheme") for performance of all activities, as set forth in the documents, viz. Implementation of 1000MW Grid Connected Roof Top



Regd. Office : D-3, 1st floor, Wing-A, Religare Building, District Center, Saket, New Delhi - 110017
Phone : (011) 71989200, Email : corporate@seci.gov.in, Website : www.seci.gov.in

CIN : U40106DL2011GOI225263

Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX and/ or RESCO Model (PHASE - I). The scope of work inter-alia includes the following

"Site Survey, Planning, Design, Engineering, Manufacture, Supply, Storage, Civil Work, Erection, Testing & Commissioning of the Grid Connected Rooftop Solar PV Project including Operation & Maintenance (O & M) of the project for a period of 05 (Five) Years under CAPEX (Part - A) and for a period of 25 (Twenty-Five) Years under RESCO (Part - B) after Operational Acceptance"

The Scope of the Work would essentially cover, but not limited to Site Survey of Identified Roof Tops/ Identification of New Roof Tops, Site Visit, Solar Potential Assessment, Finalisation of Feasibility Report for Identified Locations, Design, Engineering, Manufacture, Supply, Storage, Civil work, Erection, Testing, Commissioning, Submission of Project Proposals and PCRs in SPIN Portal, ensuring net metering as per the State/ UT/ Island policies, quality control of the grid connected rooftop Solar PV Project including Operation and Maintenance (O & M) of the project for a period of 5 (Five) years under CAPEX (Part - A) and for a period of 25 (Twenty-Five) Years under RESCO (Part - B) after operational acceptance of project.

Any additional modification work of the roof tops in order to implement the system/ project shall be in the scope of successful bidder/ developer. In addition to the identified roof top proposals from SECI side, developer(s) may also come up with their suitable/ feasible potential roof top proposals for Government Buildings under different Ministries of Central and/ or State.

The scope of work under this Letter of Allocation (LOA) shall also include all such items which are not specifically mentioned in the Bidding Documents and/ or your bid but are necessary for the successful completion of the scope under the Contract for the Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX and/ or RESCO Model (PHASE - I), unless otherwise specifically excluded in the bidding documents or in this LOA.

- 2.1.1 You, shall be liable solely and severally for the execution of the Project in accordance with terms and conditions of the bidding documents,

3.0 ALLOCATED CAPACITY ALONG WITH PROJECT COST AND/ OR TARIFF

- 3.1 The details of state-wise allocated capacity along with project cost and/ or tariff as per the following break-up:

State	CAPEX (Part-A)		RESCO (Part-B)	
	Capacity (in kWp)	Project Cost/kWp (in INR)	Capacity (in kWp)	Tariff/kWh (in INR)
Chandigarh	NIL	Not Applicable	680.130	3.440
Chhattisgarh	NIL	Not Applicable	1945.080	3.220
Delhi	NIL	Not Applicable	9235.890	3.390
Haryana	NIL	Not Applicable	3014.010	3.320
Kerala	NIL	Not Applicable	2892.600	3.970
Odisha	NIL	Not Applicable	4287.060	3.620
Punjab	NIL	Not Applicable	4408.020	3.320
Rajasthan	NIL	Not Applicable	7088.040	3.190



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State	CAPEX (Part-A)		RESCO (Part-B)	
	Capacity (in kWp)	Project Cost/kWp (in INR)	Capacity (in kWp)	Tariff/kWh (in INR)
Uttar Pradesh	NIL	Not Applicable	10946.300	3.910
West Bengal	NIL	Not Applicable	5502.870	3.620
GRAND TOTAL	NIL		50000.000	

- 3.2 The details of the levelized tariff (for Kerala) is enclosed at Annexure-I to this LOA. The details of the levelized tariff for other allocated states/ UTs (duly stamped and signed) of 25 years under RESCO (Part - B) shall be furnished by you within 30 (Thirty) days from the date of issuance of this LOA. The same should be in the prescribed format attached at Annexure-I and final value shall not exceed the L-1 price of the allocated state/ UT/ Island.
- 3.3 The benchmark cost of Ministry of New and Renewable Energy (MNRE) is as mentioned below: -

For Projects having size of 1 kWp to 10 kWp : INR 70,000/- per kWp
 For Projects having size of 10.1 kWp to 100 kWp : INR 65,000/- per kWp
 For Projects having size of 100.1 kWp to 500 kWp : INR 60,000/- per kWp

The total outgo (i.e. sum of indicated Project Cost in the table under clause no. 3.1 of this LOA Plus Incentive against each State/ UT/ Island) shall not exceed the benchmark cost of MNRE mentioned above under clause no. 3.3.

- 3.4 The incentive structure applicable is tabulated below: -

Sl. No.	Achievment vis-à-vis Target Allocation	Incentives for General Category States/ UTs	Incentives for Special Category States/ UTs/ Islands
1	80% and above within the sanctioned period	INR 18,250/- per kW	INR 39,000/- per kW
2	Below 80% and above 50% (including 50%) within the sanctioned period	INR 9,750/- per kW	INR 23,400/- per kW
3	Below 50% and above 40% (including 40%) within the sanctioned period	INR 6,500/- per kW	INR 15,600/- per kW
4	Below 40% within the sanctioned period	NIL	NIL

Special Category States/ UTs/ Islands include - North Eastern States including Sikkim, Uttarakhand, Himachal Pradesh, Jammu & Kashmir, Andaman & Nicobar Islands and Lakshadweep Islands

The incentives indicated above are subject to revision on Annual basis and shall be read in conjunction with clause nos. 3.5 and 3.6.

- 3.5 In case of CAPEX Mode, the incentives mentioned in the table under clause no. 3.3 of LOA shall be limited to
- 3.5.1 For Sr. No. 01 (INR 18,250/- per kW for general category states/ UTs and INR 39,000/- per kW for special category states/ UTs/ Islands) upto 25% of the benchmark cost or the cost of allocated state mentioned under clause no. 3.1, whichever is lower, for general category states/ UTs and upto 60% of the benchmark cost or the cost of allocated state mentioned under clause no. 3.1, whichever is lower, for special category states/ UTs/ Islands.



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- 3.5.2 For Sr. No. 02 (INR 9,750/- per kW for general category states/ UTs and INR 23,400/- per kW for special category states/ UTs/ Islands) upto 15% of the benchmark cost or the cost of allocated state mentioned under clause no. 3.1, whichever is lower, for general category states/ UTs and upto 36% of the benchmark cost or the cost of allocated state mentioned under clause no. 3.1, whichever is lower, for special category states/ UTs/ Islands.
- 3.5.3 For Sr. No. 03 (INR 6,500/- per kW for general category states/ UTs and INR 15,600/- per kW for special category states/ UTs/ Islands) upto 10% of the benchmark cost or the cost of allocated state mentioned under clause no. 3.1, whichever is lower, for general category states/ UTs and upto 24% of the benchmark cost or the cost of allocated state mentioned under clause no. 3.1, whichever is lower, for special category states/ UTs/ Islands.
- 3.6 In case of RESCO Mode, the incentive amount for general category states/ UTs will be upto 25% of the benchmark cost as mentioned under Clause no. 3.3 of this LOA. The benefit of the incentives should be passed on to the customer in the form of reduced tariff by factoring incentive. In case of special category states/ UTs/ Islands the applicable incentives will be upto 60% of the benchmark cost as mentioned under Clause no. 3.3 of this LOA.

4.0 DISBURSEMENT OF INCENTIVE

The incentive shall be disbursed as follows

The incentive shall be released after commissioning of the project and submission of Project Commissioning Reports (PCRs) in SPIN portal at the end of sanction period and submission of original audited Statement of Expenditure (SOE). The successful bidder/ developer will also make the sites/ premises available for inspection by MNRE/ SECI or its designated team/ agency. Minimum 40% of the sanctioned capacity has to be installed in order to avail incentives.

The First Lot of the applicable incentive amount (2/3 of the amount) shall be released against successful demonstration of the desired PR of 75% against commissioning. The Second Lot of the applicable incentive amount (1/3 of the amount) shall be released against successful demonstration of the desired CUF of 15% for general category states/ UTs and 13.5% for special category states/ UTs/ Islands against completion of first year of successful O & M. In case of non-achievement of above mentioned 02 different milestones (first at commissioning and second at first year of O & M), no incentive shall be disbursed. However, SECI may extend an option to developer(s) for re-demonstration of performance parameters after due rectification at its sole discretion.

SECI may consider to release incentive on case to case basis depending on the actions taken by the successful bidder/ developer and subject to meeting the following conditions:

- The rooftop SPV power plant should be completed as per the scope of RfS.
- The rooftop SPV power plant must get CEIG inspection certificate.
- Intimation to the concerned DISCOM : All the developers shall intimate the concerned DISCOMS regarding implementation of grid connected roof top solar PV projects as per the given format in Annexure-M of RfS and submit the copy of same to SECI for the purpose of release of Incentive.
- Owner Consent : In case the successful bidder/ developer is not the Owner of the Project, subsidy shall be released to successful bidder/ project developer after written consent of roof top owner only. For RESCO projects, owner shall be the successful bidder/ developer.



5.0 PERFORMANCE SECURITY

The successful bidder/ developer is required to furnish at the earliest but not later than 30 days from the date of issuance of this Letter of Allocation the Performance Security(ies), as per the bidding documents, for an amount of as described below: -

For general category states/ UTs:

PBG amount = (INR 16.25 Lakh) X Allocated Capacity in MWp in a State.

For special category states/ UTs/ Islands:

PBG amount = (INR 39.00 Lakh) X Allocated Capacity in MWp in a State

The Performance Securities shall be submitted separately for all the States. Part Performance Security shall not be accepted.

Any delay in submission of Performance Security beyond 30 (Thirty) days shall attract interest @ 1.25 % per month on the total amount, calculated on day to day basis. SECI at its sole discretion may cancel the allocated capacity and forfeit 100% of Bid Bond/ EMD, in case the requisite Performance security is not submitted within 60 days from issuance of Letter of Allocation.

The Performance Security shall be valid for a minimum period of 5 (Five) years from the date of issuance of Letter of Allocation and shall be renewed/ extended till the completion of 5 years of O & M period. The Performance Security shall be released after 5 years from the date of commissioning with the compliance of entire obligations in the contract

In case, due to delay, Performance Security submitted by the successful bidder/ developer is forfeited in full/ part, the successful bidder/ developer has to resubmit the Performance Security of requisite amount and validity as per the RfS, failing which their Incentive amount shall not be released.

The Performance Security shall be submitted in the form of bank guarantee in requisite format from an eligible bank as described in the RfS documents.

6.0 SCHEDULE FOR COMPLETION OF PROJECT/ SANCTION PERIOD

The schedule for completion of project shall be 30.06.2018 for general category states/ UTs and 30.09.2018 for special category states/ UTs/ Islands for all contractual purposes.

If the successful bidder/ developer fails to commission the sanctioned project within specified time i.e. on or before 30.06.2018/ 30.09.2018, as the case may be, no incentive shall be disbursed. However, further period of 06 (Six) months shall be allowed to successful bidder/ developer for completion of entire unexecuted allocated capacity and penalty/ LD on per day basis calculated for the Performance Security on a 06 (Six) months period would be levied. After 06 months [i.e. after 30.12.2018/ 30.03.2019, as the case may be], the entire project will get cancelled and the total PBG would be forfeited.

7.0 INITIAL ALLOCATION OF BUILDINGS

For facilitating successful bidder/ developer, a list of Government Buildings/ Institutions indicating location/ address/ tentative roof top size/ approximate capacity potential etc. is enclosed at Annexure-II. Initially SECI will allocate buildings/ capacities as per the clause no. 1.5.3 (Allocation of Capacity) of the original RfS documents including its amendment.



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The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly, the indicative Solar Roof Top Potential may also vary.

The list is purely indicative. This indicative list has been prepared (by an agency after assessment) along with the building addresses and the states which it belongs to. Based on the above, the initial allocation has been made as per methodology stipulated in original tender documents including its amendments and clarifications. Though due care has been taken in such allocation, successful bidders/ developers are requested to ascertain the buildings, feasibility of space including their capacities allocated to them and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI. In case of any discrepancies in initial allocation of buildings/ capacities, bidders are requested to factor in those discrepancies prior to giving acceptance of LOA. The final installation capacity shall be sanctioned by SECI based on submission of Project Sanction Documents to SECI.

All the buildings having proposed installation capacity of less than and including 105 kWp shall be allocated under CAPEX Model initially based on assumption Only. Similarly, all the buildings having proposed installation capacity of more than 105 kWp shall be allocated under RESCO Model initially based on assumption only.

The initial allocation of buildings shall be indicative and valid for 30 (Thirty) days only from the date of issuance of Letter of Allocation. The bidders may submit their consent/ project sanction documents to SECI during this initial 30 (Thirty) days for the allocated buildings. After 30 (Thirty) days from LOA, any successful bidder/ developer shall be allowed to execute the Project on the allocated building(s) for which no consent/ project sanction documents are received by SECI. Final sanction shall be accorded by SECI to those successful bidder/ developer who will come with sanction documents on "First Come" basis

- 7.1 Any successful bidder/ developer, who do not wish to adopt the initially allocated buildings by SECI, shall submit their consent preferably within 30 (Thirty) days from the date of issuance of Letter of Allocation. Alternatively, those successful bidder/ developer may bring his own proposal related to Central/ State government buildings on the allocated state/ any other state. Similar proposal may be considered by SECI on its own discretion and subject to approval by Competent Authority. In case the proposal of successful bidder/ developer corresponds to any other state, the lowest L-1 Price between both the states (i.e. Allocated Vs. Proposed) shall prevail.
- 7.2 The successful bidder/ developer needs to contact and obtain the consent from building owner immediately. In case the building owner does not agree for installation under allocated model (either CAPEX/ RESCO), successful bidder/ developer need to intimate such case along with consent from building owner in writing preferably within 30 (Thirty) days from the date of issuance of Letter of Allocation. In case the building owner does not agree for the allocated model (either CAPEX/ RESCO), the successful bidder/ developer will have an option to execute the allocated capacity on the desired model (either CAPEX/ RESCO) of the building owner by matching the L-1 Price of the desired model corresponding to that particular state. A written request duly approved by the building owner shall be submitted to SECI for reference, records and further necessary actions.
- 7.3 In case the successful bidder/ developer does not want to execute the allocated capacity as mentioned above under clause no. 7.2, SECI will re-allocate alternative buildings on the quoted model of the successful bidder/ developer either in same state or in different state subject to availability and upon successful bidder's/ developer's consent. In this case the lowest L-1 Price of both the states shall prevail.



- 7.4 In case SECI will not be able to re-allocate alternative buildings, the successful bidder/ developer may come up with its own proposal related to any Central/ State government buildings either on the allocated state or in different state. The desired model (either CAPEX/ RESCO) shall be clearly written and duly approved by the building owner on the said alternative proposal. The alternative proposal may be considered by SECI on its own discretion and subject to approval by Competent Authority. In this case the lowest L-1 price of both the states shall prevail.
- 7.5 In case of non-availability of alternative roof tops, the successful bidder/ developer shall have an option for Interstate Transfer of Capacities as per clause no. 1.7.2 of the RfS documents subject to availability. In this case the lowest L-1 price of both the states shall prevail.
- 7.6 In case of non-fulfilment of any of the conditions mentioned above under Clause no. 7 maximum within 30.06.2018 for general category states/ UTs or 30.09.2018 for special category states/ UTs/ Islands, the PBG for the unexecuted capacity(ies) shall be forfeited at the sole discretion of SECI.
- 7.7 In case the successful bidder/ developer opts for any of the options indicated above under clause nos. 7.2, 7.3, 7.4 or 7.5, the amended Performance security (PBG pertaining to additional capacity allocated or capacity transferred) shall be submitted within 15 (Fifteen) days from the date of issuance of such notification in line with clause no. 1.7.3, Page 38 of original RfS documents. Similarly, in case of decrease in revised allocated capacity with respect to that of original allocated capacity, Performance Security of respective decreased capacity shall be released by SECI without any interest charges.

8.0 SANCTION OF PROJECT

After submission of project sanction documents by the successful bidder/ developer and accepted by SECI, SECI will issue the sanction letter(s) for the project(s) indicating the incentive amount(s) which will be disbursed in line with the provisions of the RfS document including its amendment(s). The successful bidder/ developer shall complete the entire scope of the work within 30.06.2018/ 30.09.2018, as the case may be.

9.0 SERVICE CHARGES OF SECI

In both general category states/ UTs and special category states/ UTs/ Islands, service charges of SECI shall be computed as 5% of the [Quoted Project Cost/ MNRE benchmark cost, whichever is lower, minus incentives].

The above charges are exclusive of Goods and Service Tax (GST) which shall be paid extra as per applicable norms.

As the service charges of SECI shall be collected at the time of submission of project sanction documents i.e. prior to execution of the project, the amount of incentive to be disbursed can't be computed at that point of time. Hence the Service/ PMC Charges of SECI shall be computed as 5% of the [Quoted Project Cost/ MNRE benchmark cost, whichever is lower]. However, after disbursement of incentive, a proportionate adjustment may be done at the sole discretion of SECI and refund shall be made if any.

10.0 LIQUIDATED DAMAGES

If the successful bidder/ developer fails to commission the sanctioned project within specified time, Liquidated Damages on per day basis calculated for the Performance Security on a 06 (Six) months period would be levied. After 06 (Six) months the project will get cancelled and the total Performance Security amount would be forfeited.



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- 10.1 If a project of 1 MWp in general category state/ UT is delayed by 36 days then the Liquidated Damages will be levied as given below

$$\text{Liquidated Damages} = [(\text{Performance Security})/180 \text{ Days}] * \text{delayed days} = (1,625,000/180) * 36 = \text{INR } 325,000/-$$

- 10.2 If a project of 1 MWp in special category state is delayed by 36 days then the Liquidated Damages will be levied as given below

$$\text{Liquidated Damages} = [(\text{Performance Security})/180 \text{ Days}] * \text{delayed days} = (3,900,000/180) * 36 = \text{INR } 780,000/-$$

- 11.0 This Letter of Allocation constitutes formation of the Contract and comes into force with effect from the date of issuance of this Letter of Allocation.

- 12.0 All other terms and conditions including technical specifications and details shall be as per the bidding documents (referred to at para 1.2, 1.2.1 & 1.2.2, Page 01 of this LOA).

13.0 PROJECT MANAGER/ ENGINEER-IN-CHARGE

The authorized Project Manager/ Engineer-in-Charge for implementation of the Project on behalf of SECI is mentioned below: -

Shri Rajesh Kumar Jain (Addl. General Manager - Solar)

Solar Energy Corporation of India Limited

D - 3, 1st Floor, Wing - A, Religare Building

District Center, Saket

New Delhi - 110 017

Phone : 0091 (11) 71989211 Fax : 0091 (11) 71989243

E-mail : agmsolar@seci.co.in

All future correspondence shall be addressed to the authorized Project Manager/ Engineer-in-Charge as mentioned above.

- 14.0 This Letter of Allocation is being issued to you in duplicate. We request you to return its duplicate copy duly signed and stamped on each page including the enclosed Annexure as a token of your acknowledgement within 30 (Thirty) days from the date of its issuance.

Please take the necessary action to commence the work and confirm action.

Yours faithfully,

For and on behalf of

Solar Energy Corporation of India Limited

Manas Ranjan Mishra
12.09.2017

Manas Ranjan Mishra
Manager (Contracts & Procurement)

Enclosures:

ANNEXURE - I
ANNEXURE - II

- Details of Levelized Tariff/ Format for Levelized Tariff
- List of Initial Allocated Buildings

मानस रंजन मिश्रा / Manas Ranjan Mishra
प्रबंधक (संधि एवं खरीद) / Manager (Contracts & Procurement)
सोलर एनर्जी कॉर्पोरेशन ऑफ इंडिया लि. / Solar Energy Corp. of India Ltd.
(भारत सरकार का उद्यम) / (A Govt. of India Enterprise)
डी-3, प्रथम तल, 'ए' विंग, डिस्ट्रिक्ट सेंटर, साकेत, नई दिल्ली-110017
D-3, 1st Floor, 'A' Wing, District Centre, Saket, New Delhi-110017

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Annexure-I



NIT No. SEC/CS.P/MNRE/1000MW RT/IND/122016

Format For Price Schedule

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in States
 PRICE BID for RESCO (For Projects Ranging From 2 MWp to 50 MWp) - MAIN BID
 General Category State of India - Kerala (2892.600 kWp) *Man*

Sl. No.	Year of Operation	Tariff (INR / kWh)	Discount Factor @ 11%	Discounted Tariff (INR / kWh)
1	2	3	4	5 = 3 * 4
1	1st Year (First Year)	3.97	1.000	3.97
2	2nd Year (Second Year)	3.97	0.901	3.57697
3	3rd Year (Third Year)	3.97	0.812	3.22384
4	4th Year (Fourth Year)	3.97	0.731	2.90207
5	5th Year (Fifth Year)	3.97	0.659	2.61623
6	6th Year (Sixth Year)	3.97	0.593	2.35421
7	7th Year (Seventh Year)	3.97	0.535	2.12395
8	8th Year (Eighth Year)	3.97	0.482	1.91354
9	9th Year (Ninth Year)	3.97	0.434	1.72298
10	10th Year (Tenth Year)	3.97	0.391	1.55227
11	11th Year (Eleventh Year)	3.97	0.352	1.39744
12	12th Year (Twelfth Year)	3.97	0.317	1.25849
13	13th Year (Thirteenth Year)	3.97	0.286	1.13542
14	14th Year (Fourteenth Year)	3.97	0.258	1.02426
15	15th Year (Fifteenth Year)	3.97	0.232	0.92104
16	16th Year (Sixteenth Year)	3.97	0.209	0.82973
17	17th Year (Seventeenth Year)	3.97	0.188	0.74636
18	18th Year (Eighteenth Year)	3.97	0.170	0.6749
19	19th Year (Nineteenth Year)	3.97	0.153	0.60741
20	20th Year (Twentieth Year)	3.97	0.138	0.54788
21	21st Year (Twenty First Year)	3.97	0.124	0.49228
22	22nd Year (Twenty Second Year)	3.97	0.112	0.44484
23	23rd Year (Twenty Third Year)	3.97	0.101	0.40097
24	24th Year (Twenty Fourth Year)	3.97	0.091	0.36127
25	25th Year (Twenty Fifth Year)	3.97	0.082	0.32554
Total		INR 37.123		
Levelling Tariff for 25 Years (in INR / kWh) = X/9.351				INR 3.97
Levelling Tariff for 25 Years in Words				Three Rupees and Ninety Seven Paise
Note-1:- In case of discrepancy in the Main Bid (Excel File) and Electronic Form, the Price mentioned in the Excel File will prevail. Also It may be noted that the applicable incentive amount shall be released directly to successful bidder / developer in Indian Rupees (INR) only.				
Note-2:- The year of operation for first year shall be calculated w.r.f. date of commercial operation to 31st March of immediately succeeding financial year.				
Note-3:- The year of operation from second year upto twenty fifth year shall be calculated w.r.f. 1st April to 31st March of immediately succeeding financial year.				

- The levelized tariff shall be calculated up to three decimal places. However in case of a tie it may be.
- Tariff stream quoted by the bidder shall be levelized with a discounting rate of 11% only.
- Maximum allowable Levelized Tariff for this part is as per clause no. 2 of Amendment-V.
- Bids not in conformity with above provisions will be rejected

Date: 11.05.2017

Place: New Delhi

Address: 8, LSC, Madangir, Pushp Bhavan, New Delhi-110062

Name:

Gaurang Sethi

Designation:

Authorised Signatory



Azure Power Rooftop One Pvt. Ltd.

CIN U40300DL2017PTC316260

Regd. Office: 8, Local Shopping Complex, Pushp Vihar, Madangir, New Delhi-110062

Ph.: 011-49409800 Fax: 011-49409807 E-mail: bd.rooftop@azurepower.com Web: www.azurepower.com



Receipt No. 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN CHANDIGARH
(680.130 kWp)

RESCO MODEL (INR 3.440 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Chandigarh	Ministry of Consumer Affairs, Food & Public Distribution	BIS NRO Building, Sector-27B, Madhya Marg, Chandigarh	260
2	Chandigarh	Ministry of Consumer Affairs, Food & Public Distribution	Central Warehousing Corporation, Regionall Office- Bay No.39-42, Sec.31A, CHANDIGARH-160030	236
3	Chandigarh	MHRD	Kendriya Vidyalaya 3 BRD, Air Force Station, Near Kalibadi Mandir, Chandigarh, 160002	205
TOTAL				701

The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including Installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



Receipt No. : 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

**LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN CHHATTISGARH (1945.080 kWp)
RESCO MODEL (INR 3.220 per kWh)
(INDICATIVE)**

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Chhattisgarh	MHRD	Kendriya Vidyalaya No.2 Din Dayal Upadhyay Nagar, Sector 4, Amanaka, Raipur, Chhattisgarh 492010	304
2	Chhattisgarh	Dena Bank	Bhilal, sector 10, plot No 81, Bhilal, Dist. Durg	276
3	Chhattisgarh	MHRD	Higher Education Department Govt. D.B Girls P.G. (Autonomous) College Raipur, C.G.	252
4	Chhattisgarh	MHRD	Kendriya Vidyalaya Chitalanka Bailadila, Dantewada District, Chitalanka, Chhattisgarh 494449	230
5	Chhattisgarh	Ministry of Culture	Sita Devi Temple & Sati Pillar, Deorbija, Tehsil-Berla, Distt. Bemetara	207
6	Chhattisgarh	Ministry of Culture	Chandraditya temple & Sculpture Shed, Barsoor, Tehsil-Gidam, Distt. South Bastar	207
7	Chhattisgarh	Ministry of Culture	Mahadev Temple & sculpture Shed, Tuman, tehsil-Padui Upora, Distt. Bilaspur	207
8	Chhattisgarh	Ministry of Culture	Brick Temple Savari, Kharod, Tehsil-Pamgarh, Distt. Janjgir Champa	207
9	Chhattisgarh	Ministry of Culture	Mahadeo Temple & Sculpture Shed, pali, Tehsil-Pali, Distt.Kobra	207
TOTAL				2096

Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



Receipt No. 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN DELHI (9235.890 kWp)
RESCO MODEL (INR 3.390 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Delhi	MHRD	IIT, Hauz Khas, New Delhi, Delhi 110016	1863
2	Delhi	Ministry of Agriculture	NASC Complex, Dev Prakash Shastri Marg Opp. Dasghara,, Pusa Campus, Pusa, New Delhi, Delhi 110012	696
3	Delhi	Ministry of Agriculture	ICAR-National Bureau Plant Genetic Resources, Wz-256t/7, Dev Prakash Shastri Marg, Inder Puri, New Delhi, Delhi 110012	521
4	Delhi	Ministry of Textiles	National Institute Of Fashion Technology (NIFT), Campus, Main Road, Hauz Khas, New Delhi, Delhi 110016	451
5	Delhi	Ministry of Culture	National Archives of India, Janpath Road, Opposite Indira Gandhi National Centre for the Arts, Near Shastri Bhawan, New Delhi, Delhi 110001	448
6	Delhi	MHRD	Kendriya Vidyalaya No. 3, Narayana Ring Road, Opp Nausenia Bagh, Naraina, Delhi Cantonment, New Delhi, Delhi 110010	444
7	Delhi	MHRD	Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, B-4, Qutub Institutional Area, Shaheed Jeet Singh Marg, Qutab Institutional Area, Katwaria Sarai, New Delhi, Delhi 110016	423
8	Delhi	Ministry of Textiles	Office of the Development Commissioner Handlooms, Udhayog Bhawan, Rafi Ahmed Kidwai Marg, Rajpath Road Area, Central Secretariat, Rajpath Area, Central Secretariat, New Delhi, Delhi 110011	416
9	Delhi	MHRD	Kendriya Vidyalaya, Air Force Station, Mehrauli Badarpur Road, Opp Jamia Hamdard University, Taimabad, Sangam Vihar, New Delhi, Delhi 110080	377
10	Delhi	MHRD	Kendriya Vidyalaya No - 2, Gurgaon Road, N.H. No. - 8, Near A.P.S. Colony, Delhi Cantt, New Delhi, Delhi 110010	372
11	Delhi	Ministry of Culture	Nehru Memorial Museum & Library, Teen Murti Bhawan, New Delhi, Delhi 110011	371
12	Delhi	MHRD	Kendriya Vidyalaya, AFS Ghoga Road, Bawana, North West Delhi, Delhi, 110039	354
13	Delhi	MHRD	Kendriya Vidyalaya, Near Vivek Vihar Police Station Rd Number 71, Vigyan Vihar, Surajmal Vihar, Delhi 110092, Delhi	346
14	Delhi	MHRD	Kendriya Vidyalaya No. 1, Delhi Cantonment, Near Sadar Bazar, New Delhi, Delhi 110010	345



Receipt No. 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
In Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN DELHI (9235.890 kWp)
RESCO MODEL (INR 3.390 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
15	Delhi	Ministry of Housing and Urban Poverty Alleviation	Housing & Urban Development Corporation Ltd. (HUDCO) Under Min. Of Housing & Urban Poverty Alleviation, August Kranti Bhawan at Plot No.25, Bhikaji Cama Place, New Delhi.	345
16	Delhi	Ministry of Culture	National Science Centre, Delhi, Near Gate 1, Pragati Maidan Bhairon Road, New Delhi-110001	276
17	Delhi	Ministry of Minority Affairs	Ministry of Minority Affairs, 11th Floor, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi, Delhi 110003	276
18	Delhi	Ministry of Personnel, Public Grievances and Pensions	Samaj Kalyan Kendra, Moti Bagh North, Block F, Moti Bagh, New Delhi, Delhi 110021	276
19	Delhi	Ministry of Personnel, Public Grievances and Pensions	Grih Kalyan Kendra, Community Center, Maharani Lakshmi Bai Marg, Laxmi Bai Nagar, New Delhi, Delhi 110023	276
20	Delhi	Ministry of Culture	Lalit kala Akademi ministry of culture, Rabindra Bhavan, 35, Ferozeshah Road, New Delhi, Delhi 110001	205
21	Delhi	MHRD	Kendriya Vidyalaya Keshavpuram, A-2, Keshav Puram, Lawrence Road Industrial Area, Near Jain Mandir, Delhi, 110035	159
TOTAL				9237

Note:

The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



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Receipt No. 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

**LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN HARYANA (3014.010 kWp)
RESCO MODEL (INR 3.320 per kWh)
(INDICATIVE)**

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Haryana	Ministry of Agriculture	ICAR-National Dairy Research Institute, Near Jewels Hotel, GT Rd, Nyaypuri, Karnal, Haryana 132001	1063
2	Haryana	MHRD	Guru Jambheshwar University of Science & Technology Hisar	545
3	Haryana	MHRD	Kendriya Vidyalaya No. 1 Ambala Cantt, Near Patel Park Haryana, Ambala, Haryana	422
4	Haryana	MHRD	Kanganpur Road, Kirti Nagar, Sirsa, Haryana 125055	379
5	Haryana	MHRD	Karnal	367
6	Haryana	MHRD	Abhor	323
TOTAL				3100

Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the Indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



Receipt No: 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
In Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN KERALA (2892.600 kWp)
RESCO MODEL (INR 3.970 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Kerala	Ministry of Textiles	National Institute Of Fashion Technology (NIFT), Kannur	462
2	Kerala	MHRD	Kendriya Vidyalaya No.1, Kochi, Kerala	379
3	Kerala	MHRD	Kendriya Vidyalaya, Pattom, Thiruvananthapuram, Kerala	365
4	Kerala	Ministry of Textiles	NTC, Mahatma Gandhi Road, Ernakulam South, Ernakulam, Kerala 682016	276
5	Kerala	MHRD	National Institute of Technology Calicut	276
6	Kerala	Ministry of Textiles	National Textile Corporation, Pullazhi, Thrissur, Kerala	276
7	Kerala	Ministry of Textiles	National Textile Corporation, Thrissur, Kerala	276
8	Kerala	Ministry of Agriculture	ICAR-CTCRI, Sreekariyam, Kerala	242
9	Kerala	MHRD	Kendriya Vidyalaya Ernakulam, Kochi, Kerala	234
10	Kerala	MHRD	Kendriya Vidyalaya, Pallippuram, Thiruvananthapuram, Kerala 695316	207
TOTAL				2992

Note:

The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the Indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



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Receipt No. ANERT-10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN ODISHA (4287.060 kWp)
RESCO MODEL (INR 3.620 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Odisha	MHRD	Near NCC Office, Talabania, Purussottam Nagar, Puri, Odisha 752002	511
2	Odisha	MHRD	Bikrampur, Angul, Odisha 759122	500
3	Odisha	MHRD	BEO College St, Ekamra Vihar, Kharabela Nagar, Bhubaneswar, Odisha 751001	495
4	Odisha	MHRD	Kendriya Vidyalaya, Berhampur, Gamjam, Odisha 760010	464
5	Odisha	MHRD	Gothapatna, PO Malpada, Bhubaneswar, Odisha 751003	454
6	Odisha	MHRD	Kendriya Vidyalaya, Malkangiri Gaudaguda, Odisha 764048	434
7	Odisha	MHRD	Kendriya Vidyalaya, Nabarangpur Chutiaguda, Odisha 764063	414
8	Odisha	MHRD	SH 1, Kandhamal, Phulbani, Odisha 762001	397
9	Odisha	MHRD	Kanhelpur, Jajpur Road, Odisha 755019	357
10	Odisha	Ministry of Textiles	India Institute of Handloom Technology, Bargarh, Odisha	276
TOTAL				4302

Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the Indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



Receipt No. 40351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
In Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN PUNJAB (4408.020 kWp)
RESCO MODEL (INR 3.320 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Punjab	MHRD	Guru Nanak Dev University, Grand Trunk Road, Off NH1, Amritsar, Punjab 143001	3316
2	Punjab	MHRD	G.H.G. Khalsa College, Gurusar Sadhar, GURUSAR SADHAR, TEHSIL RAIKOT,, LUDHIANA, Punjab 141104	512
3	Punjab	MHRD	Kenriya Vidyalaya No-1, Air force station Halwara, Halwara A.D. Distt Ludhiana. pin 141106	377
4	Punjab	Ministry of Culture	Maharaja Ranjit Singh Museum, Maharaja Ranjit Singh Bagh, Ram Bagh, Lawrence Road, Amritsar, Punjab 143001	207
TOTAL				4412

Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



Receipt No. 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
In Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

**LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN RAJASTHAN
(7088.040 kWp)
RESCO MODEL (INR 3.190 per kWh)
(INDICATIVE)**

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Rajasthan	MHRD	Lohia College Station Road, Churu (Rajasthan) - 331001	1557
2	Rajasthan	MHRD	Janaki Devi Bajaj Government Girls College, Near Antaghar Circle, Baran Rd, Nayapura, Kota, Rajasthan	1120
3	Rajasthan	MHRD	Rajasthan Technical University, Kota, National Highway 76, Akelgarh, Rajasthan Technical University, Akelgarh, Kota, Rajasthan	967
4	Rajasthan	MHRD	Kendriya Vidyalaya 1, Cantt Area, Jodhpur, Rajasthan 342006	966
5	Rajasthan	MHRD	National Law University, NH-65, Mandore Road, Mandor, Jodhpur, Rajasthan 342304	921
6	Rajasthan	MHRD	MLVT Engineering College, Pratap Nagar, Bhilwara, Rajasthan	544
7	Rajasthan	MHRD	Kendriya Vidyalaya, Itarana, Alwar, Rajasthan 301030	517
8	Rajasthan	MHRD	Kendriya Vidyalaya No. 2, Itary Station, Jhotwara, Om Shiv Colony, Jhotwara, Jaipur, Rajasthan	428
9	Rajasthan	Ministry of Consumer Affairs, Food & Public Distribution	Bureau of Indian Standards, C Scheme, Ashok Nagar, Jaipur, Rajasthan	69
TOTAL				7088

Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.



Receipt No. 40351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
In Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

**LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN UTTAR PRADESH (10946.300 kWp)
RESCO MODEL (INR 3.910 per kWh)
(INDICATIVE)**

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	Uttar Pradesh	MHRD	Gautam Buddha University, Yamuna Expressway, Gautam Budh Nagar, Near Pari Chowk, Greater Noida, Uttar Pradesh 201312	8497
2	Uttar Pradesh	MHRD	Kendriya Vidyalaya New Cantt, Allahabad, V.D. Road, Top Khana Bazar, Allahabad, Uttar Pradesh 211001	998
3	Uttar Pradesh	MHRD	Kendriya Vidyalaya 3, Railway Quarters Rd, Railway Colony, Jhansi, Uttar Pradesh 284003	687
4	Uttar Pradesh	MHRD	Indian Institute of Management Lucknow, Prabandh Nagar, IIM Road, Lucknow, Uttar Pradesh 226013	610
5	Uttar Pradesh	MHRD	Kendriya Vidyalaya, Circular Road, Muzaffarnagar, Uttar Pradesh 251001	155
TOTAL				10947

Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECL.



Receipt No. 10351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN WEST BENGAL

(5502.870 kWp)

RESCO MODEL (INR 3.620 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
1	West Bengal	Ministry of Defence - Department of Ex-Servicemen Welfare	ECHS Polyclinic Kolkata Judge Court Road, Opp AIMS & BSNL Alipore Kolkata-27	276
2	West Bengal	Ministry of Culture	NCSM (HQRs) & CRTL Premises, 33, Block-GN, Sector-V, Salt Lake, Kolkata-700091	276
3	West Bengal	Ministry of Social Justice & Empowerment	NIOH Kolkata	276
4	West Bengal	MHRD	Kendriya Vidyalaya - No. 1 Ishapore, No. 4, The Park, Ichhapur Defence Estate, P.O. Ichhapur, Nawabganj, West Bengal 743144	270
5	West Bengal	MHRD	Kendriya Vidyalaya Sukna, Khoklong, West Bengal 7340009	256
6	West Bengal	MHRD	Kendriya Vidyalaya, Sevoke Road, District Jalpaiguri, Salugara, West Bengal 734008	214
7	West Bengal	Ministry of Culture	North Bengal Science Centre, Matigara, Siliguri, West Bengal 734010	207
8	West Bengal	MINISTRY OF CULTURE	Cooch Behar Rajbari, Rajbari Gate on Keshab Road, Near Central Bus Terminus, Kesab Road, Cooch Behar, West Bengal 736101	207
9	West Bengal	MINISTRY OF CULTURE	Rajbari Gate on Keshab Road, Near Central Bus Terminus, Kesab Road, Cooch Behar, West Bengal 736101	207
10	West Bengal	MINISTRY OF CULTURE	Lalbagh - Hazarduari Rd, Hazarduari, Murshidabad, West Bengal 742149	207
11	West Bengal	MINISTRY OF CULTURE	Chowk Bazaar, Hazarduari Museum Rd, Hazarduari, Murshidabad, West Bengal 742149	207
12	West Bengal	MINISTRY OF CULTURE	Chowk Bazaar, Hazarduari Museum Rd, Hazarduari, Murshidabad, West Bengal 742149	207
13	West Bengal	Ministry of Culture	DSC PRULIA WEST BENGAL	207
14	West Bengal	Ministry of Culture	Bardhaman Science Centre, University Rd, Bardhaman University, Burdwan, West Bengal 713104	207
15	West Bengal	MINISTRY OF CULTURE	Institut De Chandernagore, Strand Road, Chandernagore, Barabazar, Hooghly, West Bengal 712136	207
16	West Bengal	Ministry of Culture	Raja Rammohan Roy Library Foundation, Block-DD-34, Sector- I, Salt Lake City, Kolkata, West Bengal 700064	207
17	West Bengal	MINISTRY OF CULTURE	Synagogue St, Bara Bazar, Kolkata, West Bengal 700001	207
18	West Bengal	Ministry of Culture	National Council of Science Museums, NCSM33, Block - GN, Sector - V, Bidhan Nagar, GN Block, Sector V, Salt Lake City, Kolkata, West Bengal 700091	207

Receipt No: 40351/2017/TECHNICAL ANERT

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings
in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model
(PHASE - I)

LIST OF PROPOSED SITES ALONGWITH PROPOSED INSTALLATION CAPACITY FOR M/s
AZURE POWER ROOFTOP ONE PVT. LIMITED IN WEST BENGAL

(5502.870 kWp)

RESCO MODEL (INR 3.620 per kWh)

(INDICATIVE)

Sl. No.	State/ UT/ Island	Ministry	Name and Address of the Proposed Site	Indicative Rooftop Capacity (kWp)
19	West Bengal	Ministry of Consumer Affairs, Food & Public Distribution	NATIONAL TEST HOUSE Service Road, BP Block, Sector V, Salt Lake City, Kolkata, West Bengal 700091	207
20	West Bengal	MINISTRY OF CULTURE	Chitpur, BBD Bagh, Kolkata, West Bengal 700001	207
21	West Bengal	Ministry of Culture	Eastern Zonal Cultural Centre, IB 201, Sector III, IA Block, Salt Lake, Kolkata, West Bengal 700106	207
22	West Bengal	MINISTRY OF CULTURE	12, Strand Rd, BBD Bagh, Kolkata, West Bengal 700001	207
23	West Bengal	Ministry of Culture	Maulana Azad Museum, 5, Ashraf Mistri Lane, Kolkata- 700019	207
24	West Bengal	MINISTRY OF CULTURE	11B, Dalhousie, Lal Dighi, BBD Bagh, Kolkata, West Bengal 700001	207
25	West Bengal	Ministry of Culture	Asiatic Society, Asiatic Society, 1, Park Street, Taitala, Kolkata, West Bengal 700016	207
26	West Bengal	Ministry of Culture	Science City, J.B.S Haldane Avenue, Kolkata, West Bengal 700046	207
TOTAL				5706

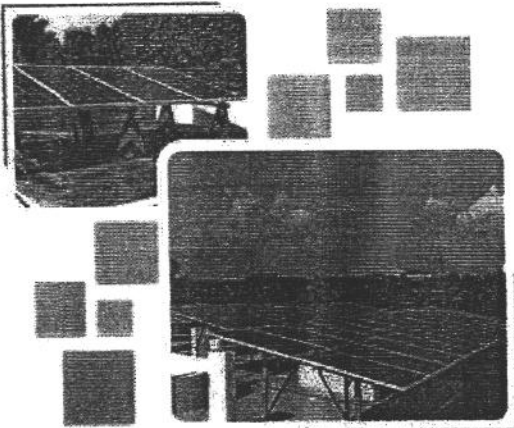
Note: The list is purely indicative. The capacity is estimated considering 1 kWp=15 Sq Mtr. However, in actual scenario it may vary typically in the range of 12 Sq Mtr to 15 Sq Mtr as per the actual site conditions such as type of roof, shading, free space availability, load conditions etc. Accordingly the indicative Solar Roof Top Potential may also vary. Successful Bidder need to ascertain the feasibility of space including installation capacity and signing of PPA/ EPC Agreement in consultation with the owner of the building upon allocation by SECI.





കേന്ദ്ര/സംസ്ഥാന സർക്കാർ സ്ഥാപനങ്ങൾക്കു വേണ്ടി

പദ്ധതിയേതര ചെലവ് കുറയ്ക്കാൻ സൗരോർജ്ജ പദ്ധതി



- മുതൽ മുടക്കില്ല.
- ആവർത്തന ചിലവിലൊരെ 25 വർഷം.
- യൂണിറ്റിന് 3 രൂപ 97 പൈസ മാത്രം.
- ആവശ്യമായ ഏറ്റവും കുറഞ്ഞ വസ്തിർണ്ണം 5000 sq. ft.
- ചുരുങ്ങിയ സ്ഥാപിത ശേഷി 50 kW

കൂടുതൽ വിവരങ്ങൾക്ക്
www.anert.gov.in സന്ദർശിക്കുക.

രജിസ്ട്രാർ ചെയ്യുന്നവർക്ക് വേണ്ടി
2018 ജനുവരി 16 ന്, ശിർഷശാല
രജിസ്ട്രാർ ചെയ്യുവാനുള്ള അവസാന തീയതി : 10.01.2018



അനന്ത

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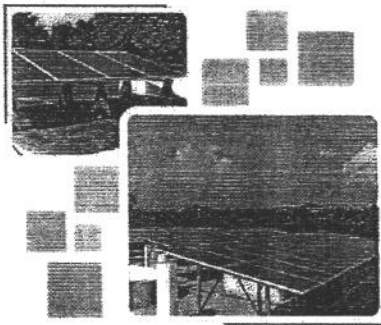


അന്യോന്യം

SOLAR PROJECT TO REDUCE NON-PLAN EXPENDITURE

for

CENTRAL/STATE GOVERNMENT ORGANIZATIONS



- Zero implementation Cost
- Free Operation and Maintenance for 25 Years
- Fixed Tariff of INR 3.97 per Unit for 25 Years
- Plant size - Minimum 50 kW
- Shadow Free area required - Minimum 5000 sq.ft

For more details visit:
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**ONE DAY SEMINAR ON 16TH JANUARY 2018
FOR REGISTERED ORGANIZATIONS
Last Date for Registration : 10.01.2018**



ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY AND RURAL TECHNOLOGY (ANERT)
Power Department, Govt. of Kerala
PMG-Law College Road, Vikas Bhavan P.O., Thiruvananthapuram, Kerala-695 033, India.
Phone: +91 471 2334122, 2338077, Fax: +91 471 2329853 | Web: www.anert.gov.in
Tollfree Number : 1800-425 1803

Receipt No : 10456/2017/TECHNICAL ANERT

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ANERT - NEWSPAPER ADVERTISEMENT ESTIMATE										23.12.2017	
PUBLICATION	EDITION	Category	SIZE (Sq.cm.)		Height (cm)	RATE	AMOUNT (RS.)	Discount	Amt after discount	Tax @ 5%	Net amount
			Width (cm)	3-Col 15 Cm. (12.2 X 15 SQ.CM.) (CLR)							
MALAYALA MANORAMA	TVR/KLM/RTM/B-PTA-ALPY	E	12.2	15	2730	4,99,590.00	62,198.96	4,37,391.05	21,869.55	4,59,260.60	
MATHRUBHUMI	ALL KERALA	E	12.1	15	2800	5,08,200.00	63,270.90	4,44,929.10	22,246.46	4,67,175.56	
DESHABHIMANI	ALL KERALA	D	12.2	15	1600	2,92,800.00	36,453.60	2,56,346.40	12,817.32	2,69,163.72	
THE HINDU	ALL KERALA	D	12	15	1145	2,06,100.00	25,659.45	1,80,440.55	9,022.03	1,89,462.58	
INDIAN EXPRESS	ALL KERALA	C	12.1	15	550	99,825.00	12,428.21	87,396.79	4,359.84	91,756.63	
Times of India	ALL KERALA	C	12	15	390	70,200.00	8,739.90	61,460.10	3,073.01	64,533.11	
ECONOMIC TIMES	KOCHI	B	12	15	84	15,120.00	1,882.44	13,237.56	661.88	13,899.44	
TOTAL							16,91,895.00	2,10,633.46	14,81,261.54	74,060.08	15,55,261.62

MODEL POWER PURCHASE AGREEMENT (PPA)

BETWEEN

**CONTRACTOR AND GOVT.ORGANIZATION, PSU
AND OFFICES**

FOR

**DESIGN, MANUFACTURE, SUPPLY, ERECTION,
TESTING AND COMMISSIONING INCLUDING
WARRANTY, OPERATION & MAINTENANCE OF
GRID CONNECTED ROOF-TOP SOLAR
PHOTOVOLTAIC AND SMALL SOLAR POWER
PLANTS IN RESCO MODEL**

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This Power Purchase Agreement (PPA) is executed on ____ (date), ____ (month), ____ (year) at < location> between _____ Authorized representative of Purchaser < i.e. Government Organization, PSU and Offices > (detail address), (hereinafter referred to as "Purchaser") AND M/s (Name of Power Producer) (CIN No. _____), a company incorporated under the Companies Act, 1956/2013 having its registered office at _____ (detail address) (hereinafter referred to as "Power Producer" which expression shall, unless repugnant to the meaning or context hereof, be deemed to include its successors and assigns). The Purchaser and Power Producer are each individually referred to as a "Party" and collectively as the "Parties".

WHEREAS:

- A. The Power Producer has been notified as successful bidder by <Name of Expert PSU> for "Design, Manufacture, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance of ____ kWp Rooftop Solar PV System at (building name)" (Project) and as per competitive bidding under RFS No _____ dated _____
- B. The Power Producer is engaged in the business of design, supply, erection, testing, commissioning, operating and maintenance power plants, including grid connected rooftop power projects.
- C. The Power Producer has agreed to install and operate a solar photovoltaic power plant of ____ kWp capacity at the Premises after due inspection of the Premises as defined hereinafter and supply the entire Solar Power of the Project to Purchaser on the terms and conditions contained in this Agreement.
- D. The Purchaser has agreed to purchase the entire Solar Power of the Project on the terms and conditions contained in this Agreement.

NOW THEREFORE in consideration of the mutual promises, conditions and covenants set forth herein, the Parties hereby agree as below:

1. Definitions and Interpretation

1.1 Definitions

In addition to other capitalized terms specifically defined elsewhere in the Agreement or unless the context otherwise requires the following words and phrases shall be defined as follows:

- (a) "Actual Monthly Production" means the amount of energy recorded by the Main Metering System during each calendar month of the Term, pursuant to Section 5.2;
- (b) "Affiliate" means with respect to any specified Person, any other Person, directly or indirectly controlling, controlled by or under common control with such specified Person)
- (c) "Agreement" means this Power Purchase Agreement executed hereof, including the schedules, amendments, modifications and supplements made in writing by the Parties from time to time.
- (d) "Applicable Law" means
- (e) laws, with respect to any Person, any constitutional provision, law, statute, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction, registration, license, franchise, permit, authorization, guideline, Governmental Approval, consent or requirement or any Governmental Authority in India having jurisdiction over such Person or its property, enforceable by law or in equity, including the interpretation and administration thereof 1:4 such Governmental Authority.

- (f) "Assignment" has the meaning set forth in Section 14.1:
- (g) "Business Day" means any day other than Sunday or any other day on which banks in < name of the State> are required or authorized by Applicable Law to be closed for business:
- (h) "Commercial Operation Date" has the meaning set forth in Section 4.3(b)
- (i) "Consents, Clearances and Permits" shall mean all authorization, licenses, approvals, registrations, permits, waivers, privileges, acknowledgements, agreements or concessions required to be obtained From or provided by any concerned authority for the purpose of setting up of the generation facilities and / or supply of power:
- (j) "Deemed Generation" has the meaning set forth in Section 5.3 (c)
- (k) "Delivery Point" shall be the single point, at a location mutually agreed by the Parties, in line with applicable regulation/ rules where Solar Power is delivered by the Power Producer from the System to the Purchaser.
- (l) "Dispute" has the meaning set forth in Section 17.7 (b);
- (m) "Disruption Period" has the meaning set forth in Section 5.3 (c)
- (n) "Distribution Utility" means the local electric distribution owner and operator providing electric distribution and interconnection services to Purchaser at the Premises;
- (o) "Due Date" has the meaning set forth in Section 7.4;

- (p) "Effective Date" has the meaning set forth in Section 2;
- (q) "Estimated Remaining Payments" means as of any date, the estimated remaining Solar Power Payments to be made through the end of the applicable Term, as reasonably determined by the Power Producer in accordance with Section 7.1;
- (r) "Expiration Date" means the date on which the Agreement terminates by reason of expiration of the Term.
- (s) "Force Majeure Event" has the meaning set forth in Section 11.1
- (t) "Governmental Approval" means any approval, consent, franchise, permit, certificate, resolution, concession, license or authorization issued by or on behalf of any applicable Governmental Authority for the purpose of setting up of the Project and / or for sale and purchase of Solar Power of the Project pursuant to the Agreement.
- (u) "Governmental Authority" means any central, state, regional, district, town, city or municipal government, whether domestic or foreign, or any department, agency, bureau, or other administrative, regulatory or judicial body of any such government.
- (v) "Indemnified Persons" means the Purchaser Indemnified Parties or the Power Producer-indemnified Parties, as the context requires.
- (w) "Insolvency Event" means with respect to a Party, that either
- i. Such party has (A) applied for or consented to the appointment of or the taking of possession by a receiver, custodian, trustee, administrator, liquidator on the likes of itself or of all or a substantial part of its assets or business; (B) been unable to pay its debts as such-debts become due; (C) made a general

assignment for the benefit of its creditors, (D) commenced a voluntary proceeding under any insolvency or bankruptcy law; (E) filed a petition seeking to take advantage of any other law relating to the bankruptcy, insolvency, reorganization, winding up or composition or readjustment of debts; or (F) taken any corporate or other action for the purpose of effecting any of the foregoing; or

- ii. It is clarified that a dissolution or liquidation will not be an Insolvency Event if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization, and the resulting company retains credit worthiness similar to the dissolved or liquidated entity and expressly assumes all obligations of the dissolved and liquidated entity under this Agreement and is in a position to the perform them.
- (x) "Installation Work" means the construction and installation of the System and the Start-up, testing and acceptance (but not the operation and maintenance) thereof; all performed by or for the Power Producer at the Premises.
- (y) "Invoice Date has the meaning set forth in Section 7.2.
- (z) "Losses" means all losses, liabilities, claims, demands, suits, causes of action, judgments, awards, damages, cleanup and remedial obligations, interest, fines, fees, penalties, costs and expenses (including all attorneys' fees and other costs and expenses incurred in defending any such claims or other matters or in asserting or enforcing and indemnity' obligation)
- (aa) "Main Metering System" means all meter(s) and metering devices owned by the Power Producer and installed at the Delivery point for measuring and recorded the delivery and receipt of energy.
- (aa) "Metering Date" means the first Business day of each calendar month

subsequent to the month in which the Solar Power is generated by the Power Producer. The billable units shall be equal to the difference between the meter reading on the Metering Date and the meter reading on the previous month's Metering Date.

- (bb) "Party" or Parties" has the meaning set forth in the preamble to this Agreement.
- (cc) "Performance Ratio" (PR) means the ratio of plant output versus installed plant capacity at any instance with respect to the radiation measured. $PR = (\text{Measured output in kW} / \text{Installed plant capacity in kW} * 1000 \text{ W/m}^2 / \text{Measured radiation intensity in W/m}^2)$
- (dd) "Person" means an individual, partnership, corporation, Limited Liability Company, business trust, Joint Stock Company, trust, unincorporated association, joint venture, firm, or other entity, or a Governmental Authority.
- (ee) "Power Producer Default" has the meaning set forth in Section 12.1 (a).
- (ff) "Power Producer Indemnified" has the meaning set forth in Section 16.2.
- (gg) "Premises" means the premises described in Schedule 1 to this Agreement. For the avoidance of doubt, the Premises include, the entirety of any and underlying real property located at the address described in Schedule 1 to this Agreement.
- (hh) "Purchase Date" means the date on which title to the System transfers to the Purchaser pursuant to the Purchaser exercising its purchase option under Section 3.2.
- (ii) "Purchase Price" means the fee payable by Power Purchaser to the Power Producer under the circumstances described in Section 3.2

- (jj) "Purchaser Default" has the meaning set forth in Section 12.2 (a).
- (kk) "Purchaser Indemnified Parties" has the meaning set forth in Section 16.1
- (ll) "Representative" has the meaning forth in Section 15.1.
- (mm) "Scheduled Complete Date" has the meaning set forth in Section 4.1(g)
- (nn) "Selectee" means, a new company (i) proposed by the Lenders read with Schedule III hereof and approved by the Purchaser (ii) or proposed by the Purchaser in accordance with Schedule III hereof and approved by the Lenders, for substituting the Power Producer for the residual period of the Agreement by amendment of the Agreement or by execution of a fresh power purchase agreement in accordance with the terms and conditions contained in the said Schedule.
- (oo) "Solar Power" means the supply of electrical energy output from the System.
- (pp) "Solar Power Payment" has the meaning set forth in Section 7.1.
- (qq) "System" includes the integrated assembly of photovoltaic panels, mounting, assemblies, inverters, converters, metering, lighting fixtures, transformers, ballasts, disconnects, combiners, switches, wiring devices and wiring, and all other material comprising the Installation Work.
- (rr) "System Operations" means the Power Producer's operation; maintenance and repair of the System performed in accordance the requirement herein.
- (ss) "Tariff" means the price per kWh set forth in Schedule II hereto.
- (tt) "Term" has the meaning set forth in Section 3.1:

1.2 Interpretation

- (a) Unless otherwise stated, all references made, in this Agreement to "Sections", "Clauses" and "Schedules" shall refer respectively to Sections, clauses and Schedules of this Agreement. The Schedules to this Agreement form an integral part of this Agreement and shall have effect as though they were expressly set out in the body of this Agreement.
- (b) In the Agreement, unless the context otherwise requires (i) words imparting singular connotation shall include plural and vice versa: (ii) the words "include", "includes", and "including" mean include, includes and including "without limitation" and (iii) the words "hereof", "hereto", "herein" and "hereunder" and words of similar import refer to the Agreement as a whole and not to any particular provision of the Agreement.

2. Effective Date

This Agreement shall be effective on the day that falls one Business Day after the date of signing of this Agreement.

3. Terms and Termination

3.1 Term

The term of the Agreement shall commence on the Effective Date and shall continue for twenty five (25) years from the Commercial Operations Date (the "Term"), unless and until terminated earlier pursuant to the provisions of the Agreement. After the Term, the ownership of the System shall be transferred to the Purchaser free of cost.

3.2 Purchase Option/ Purchase Obligation

So long as a Purchaser default shall not have occurred and be continuing, Purchaser has -the option to purchase the System by paying the Power Producer the Purchase price as per Schedule III to this Agreement. To exercise its purchase option, the Purchaser shall not less than Ninety (90) days prior to the proposed Purchase Date, provide written notice to the Power, Producer of Purchaser's intent to exercise its option to purchase the System on such purchase date: In the event Purchaser confirms its intention to exercise the purchase option in writing to the Power Producer, (i) Purchaser shall pay the applicable purchase price to the Power Producer on the Purchase Date, and such payment shall be made in accordance with any written instructions delivered to Purchaser by the Power Producer for payments under the Agreement, and (ii) the Parties shall promptly execute all documents necessary to (A) cause title to the System to pass to Purchaser on the Purchase Date, free and clear of all liens and (B) assign all vendor warranties for the System to Purchaser. Upon execution of the documents and payment of the applicable purchase price in each case as described in the preceding sentence, the agreement shall terminate automatically and the Purchaser shall become the owner of the System. Upon such termination, the Power Producer shall offer its operations and maintenance ("O&M") services to the Purchaser and the Parties may enter into an O&M agreement in this regard. The terms and conditions of the O&M agreement will be negotiated in good faith between the Parties.

3.3 Conditions of the Agreement prior to installation

In the event that any of the following events or circumstances occur prior to the Commercial Operation Date, the Power Producer may terminate the Agreement, in which case neither Party shall have any liability to the other except for any such liabilities that may have accrued prior to such termination.

- (a) There has been a, material adverse change in the rights of Purchaser to

occupy the Premises or the Power Producer to install the System at the Premises.

- (b) The Power Producer has determined that there are easements, Capacity Cost Recovery (CCRs) or other liens or encumbrances that would materially impair or prevent the installation, operation, maintenance or removal of the System. If any dispute arises before commercial operation date, the same shall be resolved under clause, 17.7 (c)

4 Construction, Installation, Testing and Commissioning of the System.

4.1 Installation Work

- a) The Power Producer will cause the Project to be designed, manufactured, supplied, engineered, erected, tested and commissioned, operated & maintained and constructed substantially in accordance with RFS No _____ dated: _____ and the sanction letter issued by <NAME OF EXPERT PSU>. The Power Producer shall provide to the Purchaser a bill of materials listing the major equipment constituting the System. Such bill of materials shall be provided within 30 days of the Commercial Operation Date.
- b) The Power Producer shall have access as reasonably permitted by the Purchaser to perform the Installation Work at the Premises in a manner that minimizes inconvenience to and interference with the use of the Premises to the extent commercially practical.
- c) It is agreed between the Parties that the Power Producer shall commission the System with a capacity of ____ kWp. Power Producer may construct a System of smaller size if it receives only part approval of government subsidies or for any other material commercial reason, as mutually agreed between the Parties in writing, In the event a System of smaller capacity is eventually agreed to be

installed, the clauses pertaining to Purchase Price as set out under this Agreement shall be adjusted proportionately as per mutual agreement between the Parties in writing.

- d) The Power Producer shall provide and lay the dedicated electrical cables for transmission of Solar Power from the System up to the Delivery Point. Transmission or distribution of Solar Power beyond this point will be the responsibility of the Purchaser. The Delivery Point shall be where the Main Metering System is located.
- e) Unless otherwise agreed between the Parties, the Power Producer shall not do (a) chipping of rooftop; or (b) water proofing of roof to be disturbed ;(c) Carry out any other modification of the Premises without the written consent of the Purchaser.
- f) The Power Producer shall maintain general cleanliness of area around the Project during construction and operation period of the Project. In case any damages is caused to the equipment / facilities owned by the Purchaser due to the Power Producer, the same shall be made good rectified by the Power Producer at their cost.
- g) The Power Producer shall, within fifteen (15) working days of the Effective Date, submit to the Purchaser shop drawings of the Project for approval ("Shop Drawings"). The drawings will have to be approved from the Power Purchaser within 3 working days from the submission of the drawings. If the Purchaser has any objection/recommendation in the Shop Drawings, he shall communicate the same to Power Producer within a period of ten (10) working days of the date of submission of the Shop Drawings. Any delay will extend the Effective Date and such approval shall not be unreasonably withheld. Subject to any punch-list

items which shall be agreed by the Purchaser as not being material to completion of the Project, the Power Producer agrees that it shall achieve the completion of the Project/ Commissioning of the Project within the scheduled completion period from the Effective Date ("Scheduled Completion Date"). Purchaser shall ensure that sufficient load is available at the Delivery Point to ensure synchronization and drawl of power from System.

- h) If the Power Producer is unable to commence supply of Solar Power to the Purchaser by the Scheduled Completion Date, other than for the reasons specified in Article 11 and 12.2 (Force Majeure or Purchaser Default), the Power Producer or its contractor shall pay to <NAME OF EXPERT PSU> genuine pre-estimated liquidated damages for the delay in such commencement of supply of Solar Power as per the clause of the <NAME OF EXPERT PSU> RFS appended as Schedule VI format as per respective RFS document to this Agreement.
- i) The Purchaser shall ensure that all arrangements and infrastructure for receiving Solar Power beyond the Delivery Point are ready on or prior to the Commercial Operation Date and is maintained in such state in accordance with applicable laws through the Term of the Agreement.
- j) Power Producer shall fulfill all obligations undertaken by it under this Agreement.

4.2 Approvals and Permits

Each of the Parties shall assist the other Party in obtaining all necessary Government Approvals, third party approvals and permits including but not limited to those listed in Schedule V hereto and any waivers, approvals or releases required pursuant to any applicable CCR.

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4.3 System Acceptance Testing

- (a) The Power Producer shall give 10 days advance notice to conduct the testing of the Project and shall conduct testing of the Project in the presence of Purchaser's designated representative.
- (b) If the results of such testing indicate that the System is capable of generating electric energy (at full rated KWp) for 5 continuous hours using such instruments and meters as have been installed for such purposes, then the Power Producer shall send a Written notice to Purchaser to that effect, and the date of successful conducting such tests and injection of Power at Delivery Point shall be the "**Commercial Operation Date**"

5 System Operations

5.1 The Power Producer as Owner and Operator

The System will be legally and beneficially owned by the Power Producer and will be operated and maintained and, as necessary, repaired by the Power Producer at its sole cost and expense. Replacement of spare parts if any shall be responsibility of Power Producer for the complete period of Agreement. If any repair or maintenance costs incurred by the Power Producer as a result of Purchaser's breach of its obligations, shall be reimbursed in full by Purchaser.

Power Producer shall not be responsible for any work done by others on any part of the System/Project authorized by the Purchaser and not authorized in advance by the Power Producer in writing. Power Producer shall not be responsible for any loss, damage, cost or expense arising out of or resulting from improper operation or maintenance of the System by Purchaser or anyone instructed to do such work by Purchaser. In the event of a problem with the System, as a result of the Purchaser actions for which Power Producer is not responsible as provided in this Agreement,

Purchaser may choose and pay Power Producer for diagnosing and correcting the problem at Power Producer or Power Producer's contractors standard rates.

5.2 Metering

- (a) The Power producer shall install the Main Metering System with due certification for the measurement of electrical energy produced by the System.
- (b) The meter will be read by Power Producer's personnel on the Metering date. The authorized representative of the Purchaser shall be present at the time of meter reading. Both the Parties shall sign a joint meter reading report. However, in case the Joint meter reading report is not signed in the first three business days of any month due to non-availability of the Purchaser's authorized representative, the report signed by the Power Producer shall be considered as Joint Meter Reading Report. The Parties agree that such Joint meter reading Report shall be final and binding on the Parties.
- (c) The Main Metering System at the Delivery Point and any additional meters required by Applicable Law shall be tested, maintained and owned by the Power Producer.
- (d) The Power Producer shall connect the Solar output to the existing system of the Purchaser as per the requirements and guidelines of the state DISCOM
- (e) The Purchaser may, at its own discretion, install a check meter, at its cost, to verify the measurements of the Main Metering System.
- (f) The title to the Solar Power supplied by the Power Producer shall pass

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to the Purchaser at the Delivery Point.

- (g) Power Producer shall be responsible for transformer etc. "if required" & metering as per respective clause of RFS (reference to be quoted).

5.3 System Disruptions

- (a) Availability of premises: Purchaser will provide full access of the site to Power Producer for installation, operation and maintenance of solar power plant during the period of Agreement. Power Purchaser will also provide restricted access of the Premises to Power Producer for operation and maintenance of solar power plant.
- (b) Purchaser will not provide/construct any structure within its Premises or around its premises which shades the solar panels effecting the generation of the energy during the Agreement period.
- (c) Roof Repair and other System Disruptions In the event that (a) the Purchaser repairs the Premises' roof for any reason not directly related to damage, if any, caused by the System, and such repair required the partial or complete temporary disassembly or movement of the System, or (b) any act or omission of Purchaser or Purchaser's employees, Affiliates, agents or subcontractors (collectively, a "**Purchaser Act**") result in a disruption or outage in System production, and such events attributable to Purchaser (except Force majeure, then, in either case) Purchaser shall (i) pay the Power Producer for all work required by the Power Producer to disassemble or move the System and re-assemble the system after completion of the repair work and (ii) continue to make all payments for the Solar Power during such period of System disruption

(the "**Disruption Period**"). For the purpose of calculating Solar Power Payments and lost revenue for such Disruption Period, Solar Power shall be deemed to have been produced at the average rate. Over the preceding 12 (Twelve) months, or, if the disruption occurs within the first 12 months of operation, the average over such period of operation (deemed generation). Power producer shall inform about the 'disruption or outage in System production, for reasons attributable to purchaser in 'writing with date and time of such occurrences, and Purchaser's liability shall start from the date of intimation for above of disruption or outage in system production, on account of Purchaser.

6 Delivery of Solar Power

6.1 Purchaser Requirement:

Purchaser agrees to purchase one hundred percent (100%) of the Solar Power generated by the System and made available by the Power Producer to Purchaser at the Delivery Point during each relevant month of the Term. In the event that the Purchaser is unable to off take 100% of the electricity generated, when it is generated, then Deemed Generation will apply only in case following conditions:

- a) In the event Power Producer is generating power more than the available load, and the Purchaser is not able to export or record the excess units generated due to faults in the equipment's of the Purchaser e.g., Net meter Cables, Equipment's etc., which may stop the feeding / record of the Solar Power generated.
- b) In the event that the Purchaser fails to ensure adequate space for solar equipment to ensure that other structures do not partially or wholly shade any part of the Solar Power Plant and if such shading occurs, the Power Producer may apply for Deemed Generation furnishing the calculation for loss in generation due to such shading supported by the relevant data, which shall be approved by Purchaser within one month of submission

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failing which the Power Producer shall claim provisional deemed generation till the issue is finally settled.

6.2 Estimated Annual Production

The annual estimate of Solar Power with respect to the System for any given year as determined pursuant to this Section shall be the "Estimated Annual Production". The Estimated Annual Production for each year of the Initial Term is set forth in Schedule IV hereof.

6.3 Suspension of Delivery

Power Producer shall be entitled to suspend delivery of electricity from the System to the Delivery Point for the purpose of maintaining and repairing the System upon giving one week's advance written notice to the Purchaser except in the case of emergency repairs. Such suspension of Service shall not constitute a breach of this Agreement provided that the Power Producer shall use commercially reasonable efforts to minimize any interruption in service to the Purchaser. However, any preventive maintenance shall be done only during the period when plant is not generating.

7 Tariff and Payments

7.1 Consideration Purchaser shall pay to the Power Producer a monthly payment (the "Solar Power Payment") for the Solar Power generated by the System as per the Metering clause 5.2 (b) above during each calendar month of the Term equal to the actual Monthly Production as recorded in Joint Meter Reading Report for the System for the relevant month multiplied by the Tariff irrespective of (i) whether any or all units of Solar Power has been drawn, consumed or utilized by Purchaser and / or (ii) whether any Solar Power has been injected, whether inadvertently or otherwise, into the grid of the Distribution Utility. The Power Producer will bill the Purchaser for each KWh

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metered as above at the Delivery Point, at the Tariff prevailing at that point of time. As detailed in Schedule - II, the Tariff will be equal to Rs. ____/kWh levelized tariff as per <NAME OF EXPERT PSU> allocations. The 'year' Considered shall be the financial year which April 1st to 31st March of every year as per <NAME OF EXPERT PSU> Schedule II provides a detailed year on year tariff schedule.

7.2 Invoice

The Power Producer shall invoice Purchaser on the first day of each month (each, an "Invoice Date") commencing on the first Invoice Date to occur after the Commercial Operation Date, for the Solar Power Payment in respect of the immediately preceding month. The last invoice shall -include production only through the Expiration Date of this Agreement.

7.3 The invoice to the purchaser shall include.

- (a) The Solar Power calculations for the relevant billing period.
- (b) Supporting data, documents and calculations in accordance with this Agreement.

7.4 Time of payment

Purchaser shall pay all amounts due hereunder within 30 days after the date of the receipt of the invoice via email or post ("**Due Date**").

7.5 Method of Payment

Purchaser shall make all payments under the Agreement by cheque / demand draft/ electronic funds transfer only in immediately available funds to the' account designated by the Power Producer from time to time.. All payments made hereunder shall be non-refundable, subject to the applicable tax deduction at source, and be made free and clear of any other tax, levy, assessment; duties or other charges and not subject to

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reduction, set-off, or adjustment of any kind. Further, if any taxes and duties are leviable currently or in future, such taxes and duties shall be paid by the Purchaser over and above the solar electricity tariff mentioned in this agreement. Such taxes and duties could include, but not restricted to Electricity Duty, Tax on Sale of Electricity (TOSE). If the Purchaser deducts any tax at source, the Purchaser will issue a tax credit certificates as per law.

7.6 Late Payment Surcharge/ Early Payment Discount

In case payment of any invoice is delayed by the Purchaser beyond its Due Date, a late payment surcharge shall be payable by Purchaser to the Power Producer at the rate of 1.25% per month ("**Late Payment Surcharge**") calculated on the amount of outstanding payment, calculated on a day to day basis for each day of the delay, compounded on monthly rates. Late Payment Surcharge shall be claimed by the Power Producer, through its subsequent invoice.

7.7 Disputed Payments

In the event that the Purchaser disputes an invoice, it shall give notice of such a dispute within 15 days of receiving the invoice setting out details of the disputed amount. The Purchaser shall pay by the Due Date 100% of any undisputed amount and in case the invoice is disputed, the Purchaser shall pay an amount based on average consumption of last three consecutive undisputed invoices. Amount so recovered shall be subject to final adjustment on resolution of the dispute. Thereafter, the Parties shall discuss and try to resolve the disputed amount within a week of receipt of such notice of dispute. If the Parties resolve the dispute, an appropriate adjustment shall be made in the next invoice. If the dispute has not been resolved by the date of the next invoice the dispute shall be referred to a committee of one member from each of Purchaser and Power Producer, If the dispute is still-not resolved by the next following invoice it shall be referred to Arbitration as provided in the present Agreement.

7.8 Change in Law:

(a) For the Purpose of this section 7.8, the term "Change in Law" shall mean the occurrence of any of the following events after the Effective date, resulting into any additional recurring / non-recurring expenditure by the Power Producer or any income to the Power Producer. The enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Law, including rules and regulations framed pursuant to such Law: or

- (i) A change in the interpretation of any Law by any Governmental Authority having the legal power to interpret or apply such Law, or any competent court; or
- (ii) The imposition of a requirement, for obtaining any Government Approvals which was not required earlier; or
- (iii) a change in the terms and conditions prescribed for obtaining any Government Approvals or the inclusion of any new terms or conditions for Obtaining such Government Approvals; or
- (iv) any introduction of any tax made applicable for supply of power by the Power Producer as per the terms of this Agreement. Any benefit due to change in tax on the sale of solar energy shall be passed on to Purchaser.
- (v) Any benefit arising due to change in above para (i) to (iv) shall be passed on to the Purchaser. But not include any change in any withholding tax on income or dividends distributed to the shareholders of the Power Producer.

(b) Application and Principles for computing impact of Change in Law:

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While determining the consequence of Change in Law under this Article 7.8, the Parties shall have due regard to the Principle that the purpose of compensating the Party affected by such change in Law, is to restore through monthly bill payment, to the extent contemplated in this Article 7.8, the affected Party to the same economic position as if such Change in Law has not occurred and such impact shall be mutually decided in writing.

(c) Solar Power Payment Adjustment Payment on account of Change in Law Subject to provisions mentioned above, the adjustment in Solar Power Payment shall be effective from:

- (i) The date of adoption, promulgation, amendment, re-enactment or repeal of the Law or Change in Law; or
- (ii) The date of order/ judgment of the competent court; of tribunal or Governmental Authority, if the Change in Law is on account of a change in interpretation of Law.

8 General Covenants

8.1 Power Producer's Covenants

The Power Producer covenants and agrees to the following:

- (a) **Notice of Damage or Emergency:** The Power Producer shall (a) promptly notify Purchaser if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System, (b) immediately notify Purchaser once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.

- (b) **System Condition:** The Power Producer shall take all actions reasonably

necessary to ensure that the System is capable of providing Solar Power at a commercially reasonable continuous rate: Subject to there being no Purchaser Default, the Power Producer 'shall provide 24 x 7 offsite / offsite monitoring and maintenance of the System throughout the period of this agreement at no additional cost.

- (c) The System shall meet minimum guaranteed generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) as per the daily normalized irradiance levels of the location during the O&M period. PR shall be minimum of 75% at the time of inspection for initial Project acceptance.
- (d) **Governmental Approvals :** While providing the Installation work, solar Power and System Operations, the Power Producer shall obtain and maintain and secure all Governmental Approval required to be obtained and maintained and secured by the Power Producer and to enable the Power Producer to perform such obligations
- (e) The interconnection of the rooftop solar system with the network of the distribution licensee shall be made as per the technical standards for connectivity of distributed generated resources regulation's .as may be notified by the competent authority. The interconnection of the rooftop solar system shall be as per the contracted load and / or respective voltage level applicable to the Purchaser as per the provisions of the guidelines issued by the competent authority.
- (f) **Health and Safety:** The Power Producer shall take all necessary and reasonable safety precautions with respect to providing the installation Work, Solar Power, and System Operations that shall comply with all Applicable Law pertaining-to the health and safety of persons and real and personal property.

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8.2 Power Producer's Representatives

During the subsistence of this Agreement, the Power Producer undertakes to respond to all questions, concerns and complaints of the Purchaser regarding the System in a prompt and efficient manner. The Power Producer designates the following individual as its representative pertaining to performance of this Agreement till the Commercial Operation Date:

Name: _____

Telephone: _____

Email: _____

The Power Producer designates the following individuals as its representative and primary point of contact pertaining to performance of this Agreement following the Commercial Operation Date till termination:

Name: _____

Telephone: _____

Email: _____

8.3 Purchaser's Covenants

Purchaser covenants and agrees to the following:

- (a) **Notice of Damage or Emergency:** Purchaser shall (a) promptly notify the Power Producer if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System; (b)

immediately notify the- Power Producer once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.

- (b) **Liens:** Purchaser shall not directly or indirectly cause, create, incur, assume or suffer to exist any Liens on or with respect to the System or any interest therein. If Purchaser breaches its obligations under this Clause, it shall immediately notify the Power Producer in writing, and shall promptly cause such Lien to be discharged and released of record without any cost to the Power Producer, and shall indemnify the Power Producer against all costs and expenses (including reasonable attorneys fees and court costs) incurred in discharging and releasing such Lien.
- (c) **Consents and Approvals:** Purchaser shall ensure that any authorizations required of Purchaser under this Agreement, including those required for installation of System at the Premises and to drawl consume Solar Power are provided in a timely manner. The Purchaser shall cooperate with the Power Producer to obtain such approvals, permits, rebates or other 'financial incentives.
- (d) **Access to Premises Grant of License:** Purchaser hereby grants to the Power Producer a license co-terminus with the Term, containing all the rights necessary for the Power Producer to use portions of the Premises for the installation, operation and maintenance of the System pursuant to the terms of this Agreement, including ingress and egress rights to the Premises for the Power Producer and its employees and authorized representatives and access to electrical panels and conduits to interconnect or disconnect the System with the Premises electrical wiring with the consent and approval of the Purchaser's authorized representative identified by the Purchaser. Photo IDs will be provided by the Power Producer. Power Purchaser will assist in availing permissions to the site.

- (e) **Security:** The building which has enhanced security of Solar Power System Purchaser will keep the premises locked. In spite of these measures, if any damages to the System takes place due to theft or vandalism then the same shall be claimed or reimbursed through insurances by Power producer. In case of theft and vandalism acts, the Purchaser will assist the Power Producer in procedures of filing FIRs, insurance claims and any other related activities. Whenever, the damages to the System occurs (except due to negligence of Power Producer) then the same shall be jointly assessed by both the Parties and a severity level will be decided, which will further decide the duration offered to the Power Producer to correct the damage, and the Power Producer shall be paid the amount on the basis of 'Deemed generation' for such a period. Power Producer shall be entitled to any insurance proceeds received for damages in this clause. Purchaser will not conduct activities on, in or about the Premises that have a reasonable likelihood of causing damage, impairment or otherwise adversely affecting the System. If System is damaged due to any such activity or through any other agency contracted by the Purchaser directly or indirectly, such damage will be borne by the Purchaser.
- (f) Regardless of whether Purchaser is owner of the Premises or leases the Premises from a landlord, Purchaser hereby covenants that (a) the Power Producer shall have access to the Premises and System during the Term of this Agreement, and (b) neither Purchaser nor Purchaser's landlord will interfere or handle any of the Power Producer's equipment or the System without written authorization from the Power Producer.
- (g) **Temporary storage space during installation :** Purchaser shall provide sufficient space at the Premises for the temporary storage and staging of tools, materials and equipment and for the parking of construction crew vehicles and temporary Construction, trailers and facilities reasonably necessary during the Installation Work, System Operations and access for rigging and material handling.

- (h) **Sunlight Easements:** Purchaser will take all reasonable actions as necessary to prevent other building, structures or flora from overshadowing or otherwise blocking access of 'sunlight to the System, including but not limited to-such actions as may be reasonably necessary to obtain a solar access easement for such purpose.
- (i) **Evacuation** — Purchaser shall off take 100% of the Solar Power generated from the Delivery Point, and pay all invoices raised by the Power Producer under this Agreement by the 'Due Date and pay interest on delayed payments, if any, as per this Agreement.
- (j) **Water** - Power Purchaser at zero cost shall arrange Raw Water at a given point as per the requirements of the Power Producer, for periodic cleaning of the solar panels (____ liters - twice a month).
- (k) **Auxiliary Power** — The Purchaser shall provide sufficient auxiliary power to the Power Producer for the maintenance and operation of its system, if available and possible, at the rate Purchaser is paying to the DISCOM.
- (l) **Relocation** - If one or more of the Solar Power Plant panels needs to be temporarily moved or its generation suspended, for any other reason requested by the Power Purchaser, the Power Purchaser will be responsible for pre-agreed costs on actuals only, arising from moving, disassembling and re-installing/ commissioning the Solar Power Plant, as agreed between the Parties. The Power Producer will be responsible for providing detailed documentary proof of the actual pre-agreed costs borne for such relocation/disassembling. Within 30 days of these satisfactory documents being provided by the Power Producer, the Purchaser shall reimburse these pre-agreed expenses in full, and delayed payment beyond the date mentioned above will attract Late Payment charges as described in Clause 7.6. During any interruption in generation during such relocation, the Purchaser will

continue to be billed as per Deemed Generation, during the period of interruption, for the affected Solar Power Plant(s).

9 Representations & Warranties

9.1 Representations and Warranties Relating to Agreement Validity In addition to any other representations and warranties contained in the Agreement, each Party represent and warrants to the other that:

- (a) It is duly organized and validly existing and in good standing in the jurisdiction of its incorporation;
- (b) It has the full right and authority to enter into, execute, deliver, and perform its obligations under the Agreement.
- (c) It has taken all requisite corporate or other action to approve the execution, delivery, and performance of the Agreement;
- (d) The Agreement constitutes its legal, valid and binding obligation enforceable against such Party in accordance with its terms;
- (e) There is not litigation, action, proceeding or investigation pending or, to the best of its knowledge, threatened before any court or other Governmental Authority by, against, affecting or involving any of it's business or assets that could reasonably be expected to adversely affect its ability to carry out the transactions contemplated herein; and
- (f) Its execution and performance of the Agreement and the transactions contemplated hereby do not constitute a breach of any term or provision of, or a default under (i) any contract or agreement to which it or any of

its Affiliates is a party or by which it or any of its Affiliates or its or their property is bound, (ii) its organizational documents, or (iii) any Applicable Laws.

10 Taxes and Governmental Fees

10.1 Purchaser obligations

Purchaser shall pay for any taxes, fees or charges imposed or authorized by any Governmental Authority in future (as on date no such taxes/fees/charges are being levied) on sale of the Solar Power to Purchaser pursuant to clause 7. The Power Producer shall notify Purchaser in writing with a detailed statement of such amounts, which shall be invoiced by the Power Producer in the monthly bills and payable by Purchaser. Purchaser shall timely report, make filings for, and pay any and all sales, use, income or other taxes, and any other amounts assessed against it due to its purchase of the Solar Power. This Section 10.1 excludes taxes specified in Section 10.2.

10.2 Power Producer Obligations

The Power Producer shall be responsible for all income taxes and any and all franchise fees or similar fees assessed against it due to its ownership of the System. The Power Producer shall not be obligated for any taxes payable by or assessed against Purchaser based on or related to Purchasers overall income or revenues.

11 Force Majeure

11.1 Definition

"**Force Majeure Event**" means any act or event that prevents the affected Party from performing its obligation in accordance with the Agreement, if such act or event is beyond the reasonable control of the affected Party and such Party had been unable to overcome such act or event with the exercise of due diligence (including the

expenditure of reasonable sums). Subject to the foregoing conditions, "Force Majeure Event" shall include without limitation the following acts or events: (i) natural phenomena, such as storms, hurricanes, floods, lightning, volcanic eruptions and earthquakes; (ii) explosions or fires arising from lighting or other causes unrelated to the acts or omissions of the Party seeking to be excused from performance; (iii) acts of war or public disorders, civil disturbances, riots, insurrection, sabotage, epidemic, terrorist acts, or rebellion. A Force Majeure Event shall not be based on the economic hardship of either Party. In case of any damage because of force majeure event, the System shall be repaired / commissioned at its own cost by the Power Producer.

11.2 Excused Performance: Except as otherwise specifically provided in the Agreement, neither Party shall be considered in breach of the Agreement or liable for any delay or failure to comply with the Agreement, if and to the extent that such delay or failure is attributable to the occurrence of a Force Majeure Event; provided that the Party claiming relief under this Section 11 shall immediately (i) notify the other Party in writing of the existence of the Force Majeure Event, (ii) exercise all reasonable efforts necessary to minimize delay caused by such Force Majeure Event, (iii) notify the other Party in writing of the cessation or termination of said Force Majeure Event and (iv) provided, however, that Purchaser shall not be excused from making any payments and paying any unpaid amounts due in respect of Solar Power delivered to Purchaser prior to the Force Majeure Event performance interruption.

11.3 Termination as a Consequence of Force Majeure Event

If a Force Majeure Event shall have occurred that has affected the Power Producer's performance of its obligations hereunder and that has continued for a continuous period of one hundred eighty (180) days, then Purchaser shall be entitled to terminate the Agreement and if such Force Majeure Event continues for further ninety (90) days period, the Agreement shall automatically terminate. Upon such termination for a Force Majeure Event, neither Party shall have any liability to the other (other than any



such liabilities that have accrued prior to such termination).

12 Default

12.1 Power Producer Defaults and Power Purchaser Remedies

- (a) Power Producer Defaults: The following events shall be defaults with respect to the Power Producer (each, a "**Power Producer Default**").
 - (i) An Insolvency Event shall have occurred with respect to the Power Producer;
 - (ii) Failure to achieve Commissioning of the System within the period as per RFS document; and
 - (iii) The Power Producer breaches any material term of the Agreement and
 - (A) if such breach can be cured within sixty (60) days after Purchaser's written notice of such breach and the Power Producer fails to cure the same; or (B) the Power Producer fails to commence and pursue a cure within such sixty (60) days period if a longer cure period is needed.
- (b) **Purchaser's Remedies:**
 - (i) If a Power Producer Default described in Section 12.1 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, Purchaser shall have a right to deliver a notice of its intention to terminate this Agreement ("Purchaser Preliminary Default Notice"), which shall specify in reasonable detail, the circumstances giving rise to the issue of such notice.

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- (ii) Upon the occurrence and continuation of Power Producer Default and the failure by the Power Producer to cure such default within the applicable cure period specified in this Article; the Purchaser shall be at liberty avail the services of any other firm / successful bidder.
- (iii) Following the issue of Purchaser Preliminary Default Notice, it shall be the responsibility of the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant Power Producer's Default having regard to all the circumstances: If the Power Producer Default is not cured within a period of sixty (60) days of the issue of Purchaser Preliminary Default Notice or any other such period mutually agreed upon by the Parties, the Purchaser shall have the right to terminate this Agreement by issuing a Purchaser Termination Notice.
- (iv) Upon the delivery of the Purchaser Termination Notice, this Agreement shall stand terminated. The Power Producer shall have the liability to make payment within sixty (60) days from the date of Purchaser Termination Notice towards compensation to Purchaser equivalent to the difference between the Tariff and the grid rate notified by the relevant Government Authority for that point in time multiplied by the estimated Solar Power generated for a period of two years following the termination, considered on normative capacity utilization factor.
- (v) if the Power Producer fails to remove the System from the Premises within one month from the date of termination, the Purchaser shall be entitled to dispose of the System in any manner it deems fit.
- (vi) The Power Purchaser may exercise any other remedy it may have at law or equity or under the Agreement.

12.2 Power Purchaser Defaults and Power Producer's Remedies

- (a) Purchaser Default : The following events shall be defaults with respect

to Purchaser (each, a "**Purchaser Default**")

- (i) An Insolvency Event shall have occurred with respect to Purchaser;
 - (ii) Purchaser breaches any material term of the Agreement if (A) such breach can be cured within sixty (60) days after the Power Producer's notice of such breach and Purchaser fails to so Cure, or (B) Purchaser fails to commence and pursue said cure within such sixty (60) day period if a longer cure period is needed; and
 - (iii) Pin-chaser-fails to pay the Power Producer any undisputed amount or, if the amount is disputed, an amount based on average consumption of last three consecutive undisputed invoices to the Power Producer under Section 7.7 of this Agreement within sixty (60) days from the receipt of notice from the Power Producer of such past due amount
- (b) Power Producer's Remedies: If a Purchaser Default described in Sections 12.2 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, the Power Producer shall be entitled to terminate this Agreement by serving a fifteen (15) days' notice and upon such termination, (A) the Power Producer shall be entitled to receive from Purchaser the Purchase Price. The Purchase Price payable shall be the Purchase Price Specified in Schedule III that falls on such date. Upon the payment of the Purchase Price, the Power Producer shall cause the title of the System to transfer to the Purchaser and (b) the Power Producer may exercise any other remedy it may have at law or equity or under the Agreement.

13 Limitations of Liability

13.1 Except as expressly provided herein, neither Party shall be liable to the other

Party or its Indemnified Persons for any special, punitive, exemplary, indirect, or consequential damages, losses or damages for lost revenue or lost profits, whether foreseeable or not, arising out of, or in connection with the Agreement.

13.2 Subject to the provisions of the Agreement, the Power Producer shall be solely responsible for the manner in which its obligations under this Agreement are to be performed. All employees and representatives of the Power Producer, or contractors engaged by the Power producer in connection with Power Producer and shall not be deemed to be employees, representatives, contractors of the Purchaser Nothing contained in the Agreement or in any agreement or contract executed by the Power Producer shall be construed to create any contractual relationship between any such employees, representatives or contractors and the Purchaser.

13.3 Notwithstanding any liability. or obligation that may arise under this Agreement, any loss, damage, liability, payment, obligation or expense which is insured or not or for which the Purchaser can claim compensation under any insurance policy, shall not be charged to or payable by the Purchaser

14 Assignment & Novation

14.1 Assignment: Notwithstanding anything contained herein, the Power Producer has the right to assign all or any of its rights under this Agreement (including rights over any assets hereunder), to any third party including, though not restricted to any lender, equipment lessor or other party("Assignment"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. In the event of such assignment, the Purchaser will be able to hold the Power Producer as well as the party to whom the benefits under this contract are assigned, to be jointly and severally responsible for performing the obligations under this contract. Further, in the event of assignment, the Purchaser agrees to make the payments due to the

Power Producer under this agreement, directly to the assignee, upon receipt of such notice by the Power Producer. If the Power Producer were to sell the Solar Power Plant, then the new buyer(s) would need to abide by this Agreement. Further, the Power Producer reserves the right to assign whole or part of the assets to lenders/ leasing companies. Purchaser may assign its rights under this Agreement, without the prior consent of Power Producer, to an Affiliate or any successor in interest to Purchaser, whether by way of merger, reorganization or sale of assets (including any sale of a line of business). This Agreement shall insure to the benefit of and be binding upon Purchaser and its successors or assigns. However, any such actions as intended by the Power Producer under Article 14.1 and Article 14.2 shall be binding on Power Purchaser ,if there are zero material inconsistencies present in the contract provisions during the time of assignment/novation, else, it shall be construed as default in contract and appropriate actions shall be taken as deemed fit.

- 14.2 Novation:** The Parties agree and acknowledge that the Power Producer may intend to novate the Agreement to a party, and has the right to transfer any or all of its rights and obligations under this Agreement to a party or any other third party ("New Party"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. Upon Novation, the New Party shall automatically and without any further action be entitled to all the same rights and assume the same obligations, under this Agreement, as if it were originally a party to this Agreement. Further, the Purchaser hereby agrees and undertakes that, promptly upon receiving a request from the Power Producer, the Purchaser shall execute such further writings, deeds and/or agreements and take all such further actions as may be necessary for effecting or implementing the transfer of any or all of the Power Producer's rights and/or obligations under this Agreement to the New Party. If the parties agree to do Novation then separate Novation agreement shall be executed.

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14.3 Notices

Unless otherwise provided in the Agreement, all notices and communications concerning the Agreement shall be in writing and addressed to the Parties at the addresses set forth below:

Power Producer's address and contact details:

Purchasers address and contact details:

14.4 Notice

Unless otherwise provided herein, any notice provided for in the Agreement shall be hand delivered, sent by registered post, or by courier delivery, or transmitted by facsimile and shall be deemed delivered to the addressee or its office when received at the address for notice specified above when hand delivered or sent by courier delivered or sent by courier delivery, upon posting if sent by registered post and upon confirmation of sending when sent by facsimile on the next Business Day.

15. Confidentiality

15.1 Confidentiality obligation

(a) If the Power Producer provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, and / or technical information regarding the , design, operation and maintenance of the System ("Confidential Information") to Purchaser or, if in the course of performing under the Agreement or negotiating the Agreement Purchaser learns Confidential Information regarding the facilities or plans of the Power Producer, Purchaser shall (a) protect the Confidential information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, Purchaser may provide such Confidential Information to its officers, directors, manager, employees and Affiliates (collectively "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of confidential information shall be informed by Purchaser of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. Purchaser shall be liable for any breach of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Power Producer and shall be returned to. It after Purchaser's need for it has expired or upon the request of the Power Producer.

(b) If the Purchaser provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, ("Confidential Information") to the Power Producer or, if in the course of performing under the

Agreement or negotiating the Agreement the Power Producer learns Confidential Information regarding the facilities Or plans of the Purchaser, the Power Producer shall (a) protect the Confidential Information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, the Power Producer may provide such Confidential Information to its officers, directors, managers, employees and Affiliates (collectively, "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of Confidential Information shall be informed by the Power Producer of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. The Power Producer shall be liable for any breach, of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Purchaser and shall be returned to it after the Power Produce's need for it has expired or upon the request of the Purchaser.

15.2 Permitted Disclosures

Notwithstanding any other provision contained herein, neither Party shall be required to hold confidential any information that;

- (a) Becomes publicity available other than through the receiving Party.
- (b) Is required to be disclosed under Applicable Law or pursuant to a validity issued notice or required filing, but a receiving Party subject to any such requirement shall promptly notify the disclosing Party of such requirement

- (c) Is independently developed by the receiving Party ; or
- (d) Becomes available to the receiving Party without restriction from a third party under no obligation of confidentiality..

16 Indemnity

16.1 Power Producer's Indemnity

Subject to Section 13, the Power Producer agrees that it shall indemnify and hold harmless Purchaser and its members, officers, employees, students, casual laborers, persons permitted' to run any business or service, such as canteens, stores, photocopy units, banks, post office, courier service, hospital and to any lawful visitors (collectively, the "Purchaser Indemnified Parties") from and against any and all Losses incurred by the Purchaser Indemnified Parties to the extent arising from or out of the following any claim for or arising out of any injury to Or death of any Person or Loss or damage to Property of any Person to the extent arising out of the Power Producer's negligence or willful misconduct. The Power Producer shall not, however, be required to reimburse or indemnify any Purchaser Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Purchaser indemnified Party.

16.2 Purchaser's Indemnity

Subject to Section 13, Purchaser agrees that it shall indemnify, defend and hold harmless the Power Producer, its permitted successors and assigns and their respective directors, officers, employees, contractors, sub-contractors, and agents (collectively, the "Power Producer indemnified Parties") from and against any and all Losses incurred by the Power Producer Indemnified Parties to the extent arising from or out of any claim for or arising out of any injury to or death or any Person or loss or cl6mage

to property of any Person to the extent arising out of Purchaser's negligence or willful misconduct. Purchaser shall not, however, be required to reimburse or indemnify any Power Producer Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Power Producer Indemnified Party.

17. Miscellaneous

17.1 Amendments

This Agreement may only be amended, modified or, supplemented by an instrument in writing executed by duly authorized representatives of the Power Producer and Purchaser.

17.2 Goodwill and Publicity

Neither Party shall use any name, trade name, service mark or trademark of the other Party in any promotional or advertising material without the prior written consent of such other Party. The Parties shall coordinate and cooperate with each other when making public announcements related to the execution and existence of this Agreement, and each Party shall have the right to promptly review, comment upon and approve any publicity materials, press releases and other public statements by the other Party that refer to, or that describe any aspect of, this Agreement; provided that no such publicity releases or other public statements (except for filings or other statements or releases as may be required by applicable law) shall be made by either Party without the prior written consent of the other Party. Without limiting the generality of the foregoing and whether or not the consent of the other Party is required or obtained, all public statements must accurately reflect the rights and obligations of the Parties under this Agreement.

17.3 Industry Standards

Except as otherwise set forth herein, for the purpose of the Agreement, the normal

standards of performance within the solar photovoltaic power generation Industry in the relevant market shall be the, measure of whether a Party's performance is reasonable and timely. Unless expressly defined herein, words having well-known technical or trade meanings shall be so construed.

17.4 Cumulative Remedies

Except as set forth to the contrary herein, any right or remedy of the Power Producer or Purchaser shall be cumulative and without prejudice to any other right or remedy.

17.5 No Waiver

The failure of the Power Producer or Purchaser to enforce any of the provisions of the Agreement, or the waiver thereof, shall not be construed as a general waiver or relinquishment on its part of any such provision in any other instance or of any other provision in any instance.

17.6 Survival

The obligations under Section 8:1 (d) (Power Producer Covenant), Sections 8.3(d), (e), (f) and (g) (Purchaser Covenants), Section 10 (Taxes and Governmental Fees), Section 13 (Limitation of Liability) Section 12.2 (Notices), Section 15 (Confidentiality), or pursuant to other provisions of this Agreement that, by their nature and context, are intended to survive. Termination of this Agreement shall survive the expiration or termination of this Agreement for any reason.

17.7 Governing Law & Jurisdiction

- (a) This Agreement shall be governed by and construed in accordance with the laws of India. The Parties agree that the courts in Delhi shall have jurisdiction over any action or proceeding arising under the Agreement.

- (b) In the event of any Dispute, difference of opinion or dispute or claim arising out of or relating to this Agreement or breach, termination or the invalidity thereof, shall firstly be attempted to be resolved by conciliation. Any Dispute that cannot be settled through conciliation procedure shall be referred to arbitration in accordance with the procedure given below. The Parties agree to comply with the awards resulting from arbitration and waive their rights to any form of appeal insofar as such waiver can validly be made. Cost of conciliation shall be equally shared by both the parties.

(c) Arbitration Procedure:

Settlement of Dispute :

If any dispute of any kind whatsoever arises between Purchaser and Power Producer in connection with or arising out of the contract including without prejudice to the generality of the foregoing, any question regarding the existence, validity or termination, the parties shall seek to resolve any such dispute or difference by mutual consent.

If the parties fail to resolve, such a dispute or difference by mutual consent, within 45 days of its arising, then the dispute shall be referred by either party by giving notice to the other party in writing of its intention to refer to arbitration as hereafter provided regarding matter under dispute. No arbitration proceedings will commence unless such notice is given. Any dispute in respect of which a notice of intention to commence arbitration has been given in accordance with Sub Clause _____, shall be finally settled by arbitration.

In case the Contractor (Power Producer) is a Public Sector Enterprise or a Government Department:

In case the Contractor is a Public Sector Enterprise or a Government Department, the dispute shall be referred for resolution in Permanent Machinery for Arbitration (PMA) of the Department of Public Enterprise, Government of India. Such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusive. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

In All Other Cases

In all other cases, any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.

The Purchaser and the Power Producer shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within Thirty (30) days after the later of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority for third arbitrator which shall be the President, Institution of Engineers.

If one party fails to appoint its arbitrator within thirty (30) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator.

If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned in Clause _____ (Governing Law) and a substitute shall be appointed in the same manner as the original arbitrator.

Arbitration proceedings shall be conducted with The Arbitration and Conciliation Act, 1996. The venue or arbitration shall be New Delhi.

The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration panel, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement.

The arbitrator(s) shall give reasoned award.

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the agreement unless they otherwise agree.

Cost of arbitration shall be equally shared between the Power Producer and Purchaser.

17.8 Severability

If any term, covenant or condition in the Agreement shall, to any extent, be invalid or unenforceable in any respect under Applicable Law, the remainder of the Agreement shall not be affected thereby, and each term, covenant or condition of the Agreement shall be valid and enforceable to the fullest extent permitted by Applicable Law and if appropriate, such invalid or unenforceable provision shall be modified or replaced to

Receipt No : 10457/2017/TECHNICAL ANERT

give effect to the underlying intent of the Parties and to the intended economic benefits of the Parties.

17.9 Successors and Assigns

This Agreement and the rights and obligations under the Agreement shall be binding upon and shall inure to the benefit of the Power Producer and Purchaser and their respective successors and permitted assigns.

17.10 Counterparts

This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument.

17.11 Independent Service Provider

This Agreement is on a principal to principal basis between the parties hereto Nothing contained in tills Agreement shall be construed or deemed to create any association, partnership or joint venture or employer employee relationship or principal-agent relationship in any manner whatsoever between the Parties

17.12 Non-Exclusive Agreement

This Agreement is on non-exclusive basis. The Purchaser is free to engage any other service provider's or may entrust services similar to those provided by the Power Producer under this Agreement to any other person/s, provided the Power Producer's rights under this Agreement are not affected in any manner

17.13 Entire Agreement

This Agreement constitutes the entire agreement between the Parties hereto with

respect of the subject matter of this Agreement and supersedes all prior agreements and undertakings; written or oral, with respect to the subject matter hereof except as otherwise expressly provided herein. The Schedules annexed to this Agreement also form a part of this Agreement.

17.14 Insurance

The Power Producer shall maintain at its own costs, throughout the tenure of this Agreement and any extensions thereof all mandatory insurance coverage for adequate amount including but not restricted to comprehensive general liability insurance including theft and vandalism, covering the System and accidental losses, bodily harm, injury, death of all individuals employed/ assigned by the Power Producer to perform the services required under this Agreement.

17.15 Annual accounts reconciliation shall be conducted annually between the Power Producer and Purchaser.

17.16 Entire Agreement

This Agreement constitutes the entire agreement between the Parties hereto with respect to the subject matter of this Agreement and supersedes all prior agreements and undertakings, written or oral, with respect to the subject matter hereof except as otherwise expressly provided herein. The Schedules annexed to this Agreement also form a part of this Agreement.

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IN WITNESS WHEREOF the Parties have caused the Agreement to be duly executed through their duly authorized representatives as of the date set forth above.

FOR & ON BEHALF OF		FOR & ON BEHALF OF	
THE PRESIDENT OF INDIA		POWER PRODUCER	
Signature:		Signature:	
Name:		Name:	
Designation:		Designation:	

WITNESSES		WITNESSES	
1)	Signature:	1)	Signature:
	Name:		Name:
	Designation:		Designation:

2)	Signature:	2)	Signature
	Name:		Name
	Designation:		Designation

SCHEDULE-I

Description of the Premises:

Premises Overview	
Segment	
Type of Roof	
Hours of Operation	
Security	
	Capacity and Area Requirement
Capacity	_____ kWp
Module Area	_____ sqr mtr (PV System)
Number of Building	_____
Roofs	
Capacity	_____
Distribution	

SCHEDULE II**FEES**

Following are the details of the tariff agreed between the parties.

Purchase shall pay power producer for solar power at the rate equal to INR ____/kWh which is the levelized tariff as per <NAME OF EXPERT PSU> allocation.

Year wise tariff is as follows;

Year 1	
Year 2	
Year 3	
Year 4	
Year 5	
Year 6	
Year 7	
Year 8	
Year 9	
Year 10	
Year 11	
Year 12	
Year 13	
Year 14	

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Year 15	
Year 16	
Year 17	
Year 18	
Year 19	
Year 20	
Year 21	
Year 22	
Year 23	
Year 24	
Year 25	

The fees and payment details are provided in detail under clause 7 of this agreement.

SCHEDULE III

The following is the purchase value of the system over a period of 25 years.

This may be applicable under the following conditions.

1. The Power Purchaser terminates the PPA before the 25 years PPA Tenure
2. The Power Purchaser wishes to own the Project before the Tenure of the PPA.
3. The Solar Project is relocated or shifted owing to demolition of the Building, damage to the building, change of city plans or any other mason.

The Price reference taken for calculating the total cost of the system is as per RFS rates for the state of _____ has used the CERC guidelines for arriving at the Project cost.

Year of Term (End of Year)	Calendar Year	Purchase Price in Crores (Rs)
1		
2		
3		
4		
5		
6		
7		
8		

179

9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

SCHEDULE IV

	Project :	_____ kWp Solar On-Grid Power Project _____		
	Location :	New Delhi		
			Design Criteria	
	Expected Yearly Energy Generation Sheet			
End of	Yearly Degradation	Global incident in	Energy injected	
Year	'MWh' (Modules &	coll. Plane (GlobInc)	into grid (E_Grid)	
	System)	'kWh/Sq.mtr' Yearly	'MWh' Yearly 'A'	

Client :	Degradation consider in PV system generation data		
1.	1.0%		
2.	1.0%		
3.	1.0%		
4.	1.0%		
5.	1.0%		
6.	1.0%		
7.	1.0%		

8.	1.0%		
9.	1.0%		
10.	1.0%		
11.	1.0%		
12.	1.0%		
13.	1.0%		
14.	1.0%		
15.	1.0%		
16	1.0%		
17	1.0%		
18	1.0%		
19	1.0%		
20	1.0%		
21	1.0%		
22	1.0%		
23	1.0%		
24	1.0%		
25	1.0%		

SCHEDULE V**Government approvals**

1. To be obtained by the power producer

All approvals including approvals/consents required under local regulations, building codes and approvals required from the distribution utility etc. relating to installation and operation of the system (including the government incentives/subsidies available for the project) and generation and supply of solar power from the Project.

2. To be obtained by Power Purchaser

Any authorizations required of purchaser, including those required for installation of system at the premises. Permissions and coordination with DISCOM or any related organization for NET METERING. Power Purchaser will apply for net metering and bear the cost of net meter only.

REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

Purchase Price for kWp system @ Rs. ____/- Watt.	
Year	Salvage Value (Rs.)
1st year	
2nd year	
3rd year	
4th year	
5th year	
6th year	
7th year	
8th year	
9th year	

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10th year	
11th year	
12th year	
13th year	
14th year	
15th year	
16th year	
12th year	
13th year	
14th year	

15th year	
16th year	
17th year	
18th year	
19th year	
20th year	
21th year	
23rd year	
24th year	
25th year	

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SCHEDULE VI

RfS

ANNEXURE-I

BANK DETAILS

NAME OF THE BENEFICIARY:

PRINCIPAL PLACE OF BUSINESS & ADDRESS:

NAME OF THE BANK:

BANK ADDRESS:

BANK ACCOUNT NO:

TYPE OF BANK ACCOUNT - SB/CA/CC:

IFSC/NEFT/RTGS CODE:

MICR CODE:

PAN CARD NO:

PHONE NO./FAX NO. WITH STD CODE:

EMAIL ID OF CONTACT PERSON:

sue No : I/630/2017

ഭരണഭാഷ - മാതൃഭാഷ

GENERATED THROUGH
eoffice

അനേർട്ട്
ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
DEPARTMENT OF POWER, GOVERNMENT OF KERALA
Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in
Tel.: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

ANERT-TECH/293/2017-PO(ASP)

27/12/2017

M/S Chakra communications

Vanross Junction , Thiruvananthapuram

Sir,

Sub:- Release of advertisement regarding RESCO model for Government buildings

Ref:- 1. Art work submitted by M/S Chakra communications in Malayalam & English
2. Estimated submitted by M/S chakra communications

The art work & Estimate submitted by you for English and Malayalam dailies are approved. You are requested published this in news papers as finalised in estimate , size 3 colourn X 15 cm Colour . The advertisement must be arranged to publish on 28th December 2017. Payment will be made on receiving bill and Voucher copies of advertisement given. All the empanellment conditions is applicable for this work order also.

Yours faithfully

DIRECTOR



ALIGARH MUSLIM UNIVERSITY CENTRE, MALAPPURAM

(P.O)Cherukara, Perinthalmanna
Malappuram(Dt.), Kerala-679340, India.
Tel. (Office): (04933)298299 E-mail: director.amumc@gmail.com

MPMC/1581/3E/2017

Dated: 13.12.2017

From

The Director

To

The Director

Agency for Non-conventional Energy and Rural Technology (ANERT)
PMG-Law College Road
Vikas Bhavan(PO) Thiruvananthapuram-695033

Dear Sir,

*Sub: Utilization of Non Conventional wind energy and Solar energy-Reg:-
Ref: This office letter No: MPMC/391/3E/2017 dtd.18.03.2017 and 530/3E/2017
dtd.07.04.2017*

I would like to bring your kind attention to the following for favour of urgent necessary action, please.

A tower with a calibrator for measuring the wind energy had been erected at the Aligarh Muslim University Malappuram Campus to check the feasibility of erecting wind mills at this high altitude of Chelamala which is at the top of a hill near Cherukara on the way to Trichur from Perinthalmanna. The result of the calibration is not known to us. At the same time as per the promises made by the then minister, Sri Aryadan Mohammed, wind energy can be optimally tapped at the Centre as more than sufficient wind energy is available, especially during morning and evening.

Sunlight is also available more than plenty at the Centre so that the solar energy can be tapped well, so as to conserve electrical energy.

Even though I had written vide the reference cited above, no positive action is seen taken from the ANERT, yet. I once again request you to take necessary steps to tap both the wind energy and solar energy at the Centre through valuable advises and funding as far as possible.

Thanking You,

Yours Faithfully

Prof. Abdur Rasheed K.M.

DIRECTOR
ALIGARH MUSLIM UNIVERSITY
MALAPPURAM CENTRE



Receipt No : 10227/2017/TAPAL ANERT

ALIGARH MUSLIM UNIVERSITY CENTRE, MALAPPURAM



(P.O) Cherukara, Perinthalmanna

Malappuram(Dt.), Kerala-679340, India.

Tel. (Office):
(04933)298299Fax:
(04933)298298E-mail:
director.amumc@gmail.com

MPMC/ 391 /3E /2017

Dated: 18.03.2017

From

The Director
AMU Centre, Malappuram

To

The Director
Agency for Non- Conventional Energy and Rural Technology (ANERT)
PMG- Law College Road
Vikas Bhavan (P.O.)
Thiruvananthapuram-695033

Sir

Sub: Utilization of Non-conventional solar & wind energy- regarding.

We would like to bring your kind attention to the following for favor of necessary action:

The Malappuram Centre of Aligarh Muslim University is at Chelamala, a hill top with high altitude. There is enough sunlight and wind currents at the top of the steep mountain, which is highly facile for tapping non conventional energy sources such as solar and wind. The Centre is envisaged to be an autonomous University in the near future.

We will be highly obliged if the Agency for Non- Conventional Energy and Rural Technology (ANERT) is able to guide and help us in tapping the solar and wind energies. We propose to construct new buildings which can be fully run by such non conventional energy sources.

We are eagerly waiting for your valuable suggestion, guidance and help in this regard.

Thanking You

Yours Faithfully

18/03/2017

Despatched

on 18-03-2017

by Email & Spec



Prof. Abdur Rasheed K.M.

DIRECTOR
ALIGARH MUSLIM UNIVERSITY
MALAPPURAM CENTRE

Receipt No : 10666/2018/TAPAL ANERT

കുഞ്ഞന്നാമ്മ കുഞ്ഞ്
പുത്തൻവീട്,
ഐക്കട്, കൊടുമൺ
ഫോൺ: 04734-285214, 8547607000



പ്രസിഡന്റ്
കൊടുമൺ ഗ്രാമപഞ്ചായത്ത്
കൊടുമൺ പി.ഒ
പത്തനംതിട്ട ജില്ല, പിൻ- 691 555
ഫോൺ : 04734 285225, 9496042700

To.

The ANERT

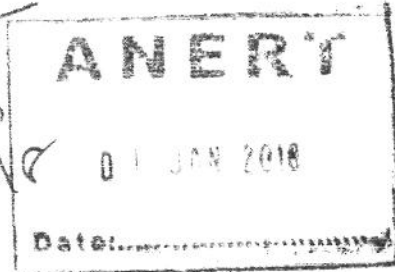
വികാസ് ഭവനം.പി.ഒ

തിരുവനന്തപുരം-33

&

Respected Sir,

തീയതി 28.12.2017



28/12/2017ലെ മനോരമ പത്രത്തിൽ ജ്യോതിസ്സ്
മെന്ന പരമ്പര വായിക്കുകയും ടോൾഫ്രീ നമ്പർ ഉൾപ്പെടെ
5 നമ്പരിലും ഇന്റർനെറ്റ് വഴിയും വിളിച്ചിട്ടും Ringtone ഉൾപ്പെടെ
ജാതാഭാഷയും അറിയപ്പെടുകയും ചെയ്തു. ആദ്യമായി കണ്ടു
പേന എഴുതുക ചെയ്ത് Reply ലഭിക്കുന്നതിൽ 2018 ജനുവരി
16 നു ശിപ്പുവിലയിൽ പങ്കെടുക്കാനായിരുന്നു. (അറി
യുന്നില്ല) ടെക്സ്റ്റ് മെസ്സേജ് വിളിച്ചപ്പോൾ പങ്കെടുക്കാനാണു
പറ്റൽ ലഭിക്കുകയെന്നായിരുന്നു. കൊടുമൺ പഞ്ചായത്ത്
യിൽ ഡി.ഗ്രേഡ് കോളേജ് 5000 സ്ക്വയർ അഡിക്സ്
ഉണ്ട്. ആദ്യമായി പേജ് വാർഡ് ലഭിക്കുകയെ
ന്നായിരുന്നു.

മനോ കുഞ്ഞന്നാമ്മ കുഞ്ഞ്
PRESIDENT

Kodumon Grama Panchayat

e-mail: - SecKodumangp@gmail.com



Issue No : I/733/2018

ഭരണഭാഷ - മാതൃഭാഷ

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ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
 DEPARTMENT OF POWER, GOVERNMENT OF KERALA
 Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in
 Tel.: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

ANERT-TECH/293/2017-PO(ASP)

13/01/2018

The Managing Director

Solar Energy Corporation of India

Sir,

വിഷയം : Implementation Solar Rooftop Power Plant Programme in RESCO model- One day
 Workshop planned-and request for allocation of capacity of 10MW to ANERT- State Nodal Agency of MNRE- Kerala- Reg:-

ANERT is planning to introduce RESCO model for the implementation solar Rooftop Power plants in Government and Local Self Government buildings in Kerala . We have already started a campaign " Jyothis" for reducing non -plan expenditure of government departments through RESCO model of Implementation.

It is proposed to organise a one day workshop of proponents on 16th Jan 2018 at Trivandrum. As a pioneering organisation implementing RESCO model in India, we would like to invite you as a key note speaker for the programme. The presence officers from SECI can also contribute a lot during the discussions during this programme.

We would also like to be a partner of SECI for the implementation of RESCO model in Kerala. For a start, we request for an allocation of 10MW capacity to ANERT.

Thanking You

Yours faithfully ,

DIRECTOR

193

Issue No : I/734/2018

**അനേർട്ട്
ANERT****AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY**

DEPARTMENT OF POWER, GOVERNMENT OF KERALA

Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in

Tel.: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

ഭരണഭാഷ - മാതൃഭാഷGENERATED THROUGH
eoffice

ANERT-TECH/293/2017-PO(ASP)

13/01/2018

To

The Director

Energy management Centre

Sir,

Sub:- : Organising One day conference on RESCO model of Solar power plant implementation
-request for allotment of hall and other arrangements

ANERT is organising a One day workshop for the proponents of solar rooftop power plants under RESCO model of implementation. The registration of participants exceeded 175 nos. Since ANERT seminar hall is having lesser capacity, we are unable to organise the programme here. Hence I request you to allot the conference of EMC for the programme.

It is also requested to arrange tea snack and lunch for the participants. If you could arrange registration of participants it will be helpful.

The expenditure in this regard will be reimbursed on receiving expenditure statement

Yours faithfully

DIRECTOR

Receipt No : 11285/2018/TECHNICAL ANERT

Chakra Communications

Chakra Towers, Vanross Jn,
Thiruvananthapuram-695001

Kerala, India

GSTIN/UIN: 32AABFC6512C1ZL

State Name : Kerala, Code : 32

T : 0471 2331533

M : 0471 4055955

E : mail@chakracom.net

W : www.chakracom.net

CHAKRA
COMMUNICATIONS
INS : FS/685
INS Code : 10161

INVOICE

11 JAN 2018

Date: 11/12/17

The Director ANERT Trivandrum Kerala GSTIN/UIN : 32AAAGA0081041ZL PAN/IT No : State Name : Kerala, Code : 32	Invoice No.	NBT 0959-17
	Date	28-Dec-2017
	RO No.	DST-1132, DST-1133, DST-1134, DST-1135, DST-1136, DST-1137
	RO Date	28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017
	Caption	JYOTHIS

Sl No.	PUBLICATION / EDITION	POSITION	HUE	SIZE (W x H)	INSERTION DATE	TOTAL SPACE	RATE	AMOUNT
1	MALAYALA MANORAMA TVM+KLM+KTM+PTA+ALPY	GOOD	Colored	12.2 X 15	28-Dec-2017	183 SQ.CM	2730 sq.cm	4,99,590.00
2	MATHRUBHUMI ALL KERALA	GOOD	Colored	12.1 X 15	28-Dec-2017	181.50 SQ.CM	2800 sq.cm	5,08,200.00
3	DESHABHIMANI ALL KERALA	GOOD	Colored	12.2 X 15	28-Dec-2017	183 SQ.CM	1600 sq.cm	2,92,800.00
4	THE HINDU ALL KERALA	ANY RH PAGE TOP	Colored	12 X 15	28-Dec-2017	180 SQ.CM	1145 sq.cm	2,06,100.00
5	THE NEW INDIAN EXPRESS ALL KERALA	GOOD	Colored	12.1 X 15	28-Dec-2017	181.50 SQ.CM	550 sq.cm	99,825.00
6	TIMES OF INDIA+ ET ALL KERALA	GOOD	Colored	12 X 15	28-Dec-2017	180 SQ.CM	474 sq.cm	85,320.00

PAN No. : AABFC6512C	Company's Bank Details		Total	16,91,835.00
	Bank Name : OBC,TVM			
	A/c No. : 03005010000070		Less : Special Discount	(-)2,10,633.46
	Branch & IFS Code : M.G.Road & ORBC0100300		CGST	37,030.04
			SGST	37,030.04
			Round Off	0.38
		GRAND TOTAL	15,55,262.00	

In words: INR Fifteen Lakh Fifty Five Thousand Two Hundred Sixty Two Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
998363	14,81,201.54	2.50%	37,030.04	2.50%	37,030.04	74,060.08
Total	14,81,201.54		37,030.04		37,030.04	74,060.08

Tax Amount (in words) : INR Seventy Four Thousand Sixty and Eight paise Only

Narration:

for Chakra Communications

Authorised Signatory

Receipt No : 11286/2018/TECHNICAL ANERT



The Malayala Manorama Company Limited

P.B. No. 26, Kottayam - 686 001, Kerala, India Phone: 2563646, 2563656

Fax: 91-481-2562479

Established 1888

Tax Invoice Advertisement Bill

Place of Supply: KERALA

Ref: 0217606566	Publication: MANORAMA DAILY-DS
GST No. 32AABFC6512C1Z9	Bill No.: KLO194217245
CHAKRA COMMUNICATIONS	Bill Date: 28.12.2017
VANROSS JUNCTION	Agency Code: 6027084(C272)
TRIVANDRUM	Caption/Heading: ANERT TRIVANDRUM
THIRUVANANTH - 695001	Work Order No.: 12219044/Pan. AABFC6512C
	Voucher Copies: 00001

KERALA [32]

Agency: Description of Service: PRINT

R/O No. & Date: ANERT SAC/HSN: 998363

CHAKRA COMMUNICATIONS, THIRUVANANTH

1132, 26.12.2017 Publishing Particulars

KTM	28/12/17(5).
ALP	28/12/17(5).
PTA	28/12/17(5).
KLM	28/12/17(5).
TVM	28/12/17(5).

Particulars	Insns	Size	Rate	Amount
SQCM ORD 12.200 x 15.000		183.00	2730.00	499590.00
TD 15.00-% ON 499590.00				-74938.50
Round Off				-0.10
SQST 2.5% on 424651.50				10616.30
CQST 2.5% on 424651.50				10616.30
PAN No. AAAC7597G, Service Tax Reg. No. AAAC7597GST001 CIN: U22121KL1809PLC000647				
E.&O.E.	GSTN: 32AAACT75970174		Total Amount Due	445884.00
Rupees	FOUR LAKH FORTY-FIVE THOUSAND		INR	
Notes:	EIGHT HUNDRED EIGHTY-FOUR ONLY			

For The Malayala Manorama Company Ltd.

1. Payment must be made by Cheque/Draft drawn in favour of "The Malayala Manorama Company Ltd."
2. Interest @ 12% per annum shall be charged if the payment is not made within the credit period.
3. Bank charge is payable on outstation cheques.
4. Disputes if any, regarding published advertisements must reach us within 15 days from the date of the bill.

Thank you for using our service

Tax Payable on reverse charge basis: No

F/003542

Issue No.: 1

Vice President, Marketing, Advertising Sales

Billing Addr:

M/S. Malayala Manorama Company

KK Road

IND-686001 KOTTAYAM

[KERALA-32]

10

Issue date: 01/08/16

കിരീടം 2018 ജനുവരി മുതൽ ഏറ്റവും മികച്ച ചിത്രം
 നാമകരണം, അനാമകരണം, വാഗ്ദാനം, കലാ

10/2/2007 1:15:00

[illegible]

സംസ്ഥാനം അന്യ ഇന്റലി, ഫിസിക്യനന്മാരി, X-Ray സൗകര്യങ്ങൾ

ബന്ധപ്പെടാൻ: 0487 2432932

മൈക്രോസോഫ്റ്റ്

മലയാളം ഫോണെറ്റിക് അക്ഷരം

കൈപ്പകയാട്ടശ്ശേരി ദേശപ്പതി ക്ഷേത്രത്തിനു സ്ഥാനം
 ബ്ലാക്ക്-680 306, ഫോൺ-0487 5432932

തിരുവനന്തപുരം : സംസ്ഥാനത്തിന്റെ വിവിധ ഭാഗങ്ങളിൽ നിന്നും എത്തിയ 1000-ഓളം പേർ പങ്കെടുത്ത 'പ്രതിരോധം' എന്ന പേരിൽ ഒരു സിനിമയുടെ പ്രദർശനം നടന്നു. സിനിമയുടെ സംവിധാനം നിർവ്വഹിച്ചത് പ്രൊഫ. എസ്.എസ്.എസ്. ആണ്.

സൈനികർക്കുള്ള കരുവാര
കേരളത്തിൽനിന്ന് വാങ്ങാൻ

മുഖ്യമന്ത്രി: മെമ്പർമാർക്ക് നൽകാൻ ഉള്ള കൗൺസിലിനേക്കുറിച്ചായിട്ടാണ് സാക്ഷരത കേന്ദ്ര സംസ്ഥാന സ്കർവ്വതുകൾ തയ്യാർ ചെയ്തത്.

കേന്ദ്ര പ്രതിരോധശക്തി നിർമ്മാണ വകുപ്പാണ് നിർമ്മാണ കല

വണ്ടി വ്യവസായമന്ത്രി ഐ. മക
സിംഗിന്റെ അദ്ധ്യക്ഷതയിൽ
ഉദ്ഘാടനം.

മന്ത്രി ശൈലജ
രാജിവെക്കണമെന്നും
-കെ. സുരേന്ദ്രൻ

പകർപ്പിടക്കാൻ വ്യാജസത്യവാ
ദ്യമുപേ. നന്ദകിയ ആനോലയ
ശ്രീ കെ.കെ. ഐസക് സാഹി
ബക്കബെൻ ബി.ജെ.പി. സ.
സ്ഥാന ജനാൽ സെക്രട്ടറി കെ.
സ്വരൂപൻ.

മുൻപ് സർവ്വസ്വനിഷേധനാലും പലരും അപമാനിച്ചിരുന്നു. നടത്തിയതിനാലും ഇതിനേക്കുറിയിക്കുന്നത് 25,800 രൂപയ്ക്കാണ്. തന്റെ കയ്യിൽ വാങ്ങിയത്. കർമ്മശാസ്ത്രം കടന്നുപോയ കൃഷിയിലൂടെയും മറ്റും നൂറുകണക്കിന് വർഷങ്ങൾക്ക് ശേഷം ഭാരതീയരാണ് ചിലകൾ സാക്ഷ്യം നൽകിയിരുന്ന 88,466 രൂപയുടെ ബിൽ ഹാജരാക്കിയത് തന്റെ സ്മരണയ്ക്കായിലാണ് കർമ്മശാസ്ത്രം വ്യാപ്തം സർവ്വസ്വശേഷമും സർവ്വകീയമെന്നും സാക്ഷ്യങ്ങൾ കൈമാറ്റം ചെയ്തത്.

ആരോഗ്യമന്ത്രി
രാജിവെക്കണം
-കുഞ്ഞിനം

[illegible][illegible]

കേന്ദ്ര/സംസ്ഥാന സർക്കാർ സ്ഥാപനങ്ങൾക്ക് വേണ്ടി

**പദ്ധതിയേതര ചെലവ്
കുറയ്ക്കാൻ സൗദോർജ്ജ പദ്ധതി**



- **අවම වශයෙන්**
- **අනුගමනයට බැඳවීමට අවම 25 පාර්ශ්ව**
- **වැඩසටහන් 3 කට 97 ප්‍රදානය කළා**
- **අනුගමනයට අනුරූප අනුගතය (බැඳවීම) 5000 ක් ව**
- **ප්‍රාදේශීය ප්‍රදාන විය හැකි 50 MW**

കുടുംബശ്രീ സിറോമൺ
ജനന ക്ലബ്ബ് 2007-10 സ്ഥാപിതമാകും

രചിസ്വിൽ ചെയ്യുന്നവർക്ക് വേണ്ടി

2018 ജനുവരി 16 ന് ശിരസ് ലോല

ISSN 0950-0804 (print) / ISSN 1366-5847 (online) © 2013 Taylor & Francis



അറിയിപ്പ്

[illegible]

Deshabhimani Publications

DESHABHIMANI BUILDINGS ARISTO JUNCTION
THAMPANOOR, THIRUVANTHAPURAM PIN:695001, Tel:- 0471 2701846
Email:- deshfin@gmail.com, Web: www.deshabhimani.com

Advertisement Bill/Tax Invoice

Original for Recipient

Invoice To

Chakra Communications

Chakra Towers, Vanross Jn, Trivandrum-1

CODE : 278

STATE : kerala

STATE CODE : 32

GSTIN : 32AABFC6512C1Z9

R.O No. : DST-1134

R.O Date : 26-12-2017

Invoice Details

Invoice No : HO/28745

Invoice Date : 28-12-2017

PAN : AAABD0507F

GSTIN : 32AAABD0507F1ZK

State : KERALA

State Code : 32

Publication : Deshabhimani Daily

Insertion Date	Tariff Rate	Sq.Cm	TVM	KTM	CHN	TCR	MPM	CLT	KNR	Total Amt
28-12-2017	1600.000	15x12.2	14	14	14	14	14	16	16	292800

Caption : JYOTHIS

Ref : ANERT, TRIVANDRUM

Remarks :

Bank Details

Bank Account Number : 204100301000193

IFSC : VIJB0002041

Bank Name : VIJAYA BANK

Branch : Trivandrum

Service Description

Service Type : Sale of advertising space in print

Service Accounting Code : 998363

Trade Discount(15%)

43920

Total Amount Before Tax

248880

Add: CGST (2.5%)

6222

Add: SGST (2.5%)

6222

Add: IGST (0%)

0

Total Tax Amount

12444

GST on Reverse Charge

0

Total Amount After Tax

261324

(Two lakh sixty one thousands three hundred and twenty four Rupees)

Terms & conditions : All remittance to be made to Deshabhimani Publications by means of online transfer, crossed demand drafts or cheques. 12.5% extra will be levied if payment is not made, within the agreed credit period. Please ignore this NOTE if payment is already made.



For Deshabhimani Publications

Advertisement Manager

THANK YOU FOR YOUR BUSINESS !

നാട്ടികയെ ചുവപ്പിച്ച്
ഇന്ന് ചെമ്പട ഇരമ്പും

നിധി സംരക്ഷണത്തിൽ ജില്ലാ സെക്രട്ടറി അറയ്ക്കപ്പെട്ട റിപ്പോർട്ടിന്മേൽ നടന്ന പൊതു ചർച്ച ബുധനാഴ്ച സമാപിച്ചു. ട്രഷററി ചർച്ചയിൽ പങ്കെടുത്ത, പൊളിറ്റബുറോ അംഗം പിണറായി വിജയൻ കരുപടി പറഞ്ഞു. റൂറൽ കോ-ഓപ്പറേറ്റീവ് ബാങ്കിന് നിയമമേന്മ. സമീപിക്കും. പുതിയ ജില്ലാ കമ്മിറ്റിയേയും ജില്ലാ സെക്രട്ടറി യേയും സംരക്ഷണ മെമ്പർമാർ തിരഞ്ഞെടുക്കും.

വയനാട് ജില്ലാ സമ്മേളനം
ഇന്ന് സമാപിക്കും

അദ്വൈതപ്രതിബദ്ധം പരിഹരിക്കാൻ സമഗ്ര വികസന പദ്ധതികൾ നടപ്പാക്കുക. തൊട്ടുകൊട്ടിലിനുള്ളിൽ ജീവിക്കുന്നവരുമായി അദ്വൈതത്തെക്കുറിച്ച് ചർച്ചകൾ നടത്തിക്കൊണ്ട് സമഗ്രതയോടെ അദ്വൈതത്തെക്കുറിച്ച് തുടർച്ചയായ ആലോചനകൾ സംഭാവനകൾ നൽകി.

[illegible]

1991-1992

Johnson & Sons Limited

110TN1940PLC001091

998363

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GROUP OF PUBLICATIONS

Phone : 0471 - 2502001, 2502002

Fax : 0471 - 2502016

Website : www.thehindu.com

E-mail : advtaacts@thehindu.co.in

1195655

R.O. No. **DST-1135**

28 12 2017

R.O. Date:	26-12-2017
------------	------------

No.: 2000049233

Advertisers :-

510143000
CHAKRA COMMUNICATIONS
CHAKRA TOWERS, 3RD FLOOR,
VANROSS JUNCTION,
P.B.NO:200 GPO
Trivandrum 695001
32AABFC6512C1Z9
32

ANERT - AGENCY FOR NON-CONVENTIONAL ENERGY & R
CURRENCY : INR

[illegible]

Amount Payable:

LAKH EIGHTY THREE THOUSAND NINE HUNDRED FORTY FOUR Rupees

183944.00

DATE: 28.02.2018 INTEREST @ 15 % P A WILL BE CHARGED IF NOT PAID

~~BEFORE DUE DATE~~

ACK3000H GST ID : 32AAACK3000H1ZD

REVERSE FOR RTGS AND OTHER DETAILS)

haets

**Associate Vice President
Advertisement Commercial**

ssue No : I/760/2018

1. Finance Officer
2. M/S Chakra communications Vanross Junction , Thiruvananthapuram
3. Sri.Joseph George , Programme Officer
- 4.Office Copy

Receipt No : 11123/2018/TAPAL ANERT

Chakra Communications

Chakra Towers, Vanross Jn,
Thiruvananthapuram-695001
Kerala, IndiaGSTIN/UIN: 32AABFC6512C1Z9
State Name : Kerala, Code : 32

T : 0471 2331533

M : 0471 4055955

E : mail@chakracom.net

W : www.chakracom.net

CHAKRA
COMMUNICATIONS
INS : FS/685
INS Code : 10161

INVOICE

The Director
ANERT
Trivandrum
Kerala

GSTIN/UIN : 32AAAGA0081042L

PAN/IT No :

State Name : Kerala, Code : 32

Invoice No.

NBT 0959-17

Date

28-Dec-2017

RO No.

DST-1132, DST-1133, DST-1134, DST-1135, DST-1136, DST-1137

RO Date

28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017, 28-Dec-2017

Caption

JYOTHIS

Sl No.	PUBLICATION / EDITION	POSITION	HUE	SIZE (W x H)	INSERTION DATE	TOTAL SPACE	RATE	AMOUNT
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PAN No. : AABFC6512C

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Bank Name : OBC,TVM

A/c No. : 03005010000070

Branch & IFS Code : M.G.Road &
ORBC0100300

Total

16,91,835.00

Less : Special (-)2,10,633.46
Discount

CGST 37,030.04

SGST 37,030.04

Round Off 0.38

GRAND TOTAL

15,55,262.00

In words: INR Fifteen Lakh Fifty Five Thousand Two Hundred Sixty Two Only

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Tax Amount (in words) : INR Seventy Four Thousand Sixty and Eight paise Only

Narration:

for Chakra Communications

Authorised Signatory

Receipt No : 11123/2018/TAPAL ANERT



Established 1888

The Malayala Manorama Company Limited

P.B. No. 26, Kottayam - 686 001, Kerala, India Phone: 2563646, 2563656

Fax: 91-481-2562479

**Tax Invoice
Advertisement Bill**

Place of Supply: KERALA

Ref: 0217606566

GST No. 32AABFC6512C1Z9

CHAKRA COMMUNICATIONS

VANROSS JUNCTION

TRIVANDRUM

THIRUVANANTH - 695001

Publication: MANORAMA DAILY-DS

Bill No.: KLO194217245

Bill Date: 28. 12. 2017

Agency Code: 6027084(C272)

Caption/Heading: ANERT TRIVANDRUM

Work Order No.: 12217044/Pan. AABFC6512C

Voucher Copies: 00001

KERALA [32]

Agency:

Description of Service: PRINT

R/O No. & Date:

ANERT SAC/HSN: 998363

CHAKRA COMMUNICATIONS, THIRUVANANTH

1132, 26. 12. 2017 Publishing Particulars

KTM	28/12/17(5).
ALP	28/12/17(5).
PTA	28/12/17(5).
KLM	28/12/17(5).
TVM	28/12/17(5).

Particulars	Insns	Size	Rate	Amount
SQCM ORD 12.200 x 15.000		183.00	2730.00	499590.00
TD 15.00-% GN 499590.00				-74938.50
Round Off				-0.10
SGST 2.5% on 424651.50				10616.30
CGST 2.5% on 424651.50				10616.30
PAN No. AAAC7597G, Service Tax Reg. No. AAAC7597GST001 CIN: U22121KL1887PLC000647				
E.&O.E.	Total Amount Due			
Rupees	INR			445884.00
FOUR LAKH FORTY-FIVE THOUSAND				

Notes:

1. Payment must be made by Cheque/Draft drawn in favour of "The Malayala Manorama Company Ltd."
2. Interest @ 12% per annum shall be charged if the payment is not made within the credit period.
3. Bank charge is payable on outstation cheques.
4. Disputes if any, regarding published advertisements must reach us within 15 days from the date of the bill.

Thank you for using our service

Tax Payable on reverse charge basis: No

F/00.55.42

Issue No.: 1

For The Malayala Manorama Company Ltd.

Vice President, Marketing, Advertising Sales

Billing Addr:

M/S. Malayala Manorama Company

KK Road

IND-686001 KOTTAYAM

[KERALA-32]

Deshabhimani Publications

DESHABHIMANI BUILDINGS ARISTO JUNCTION
THAMPANOOR, THIRUVANTHAPURAM PIN: 695001, Tel:- 0471 2701846
Email:- deshfin@gmail.com, Web: www.deshabhimani.com

Advertisement Bill/Tax Invoice

Original for Recipient

Invoice To

Chakra Communications

Chakra Towers, Vanross Jn, Trivandrum-1
CODE : 278
STATE : kerala
STATE CODE : 32
GSTIN : 32AABFC6512C1Z9

R.O No. : DST-1134
R.O Date : 26-12-2017

Invoice Details

Invoice No : HO/28745
Invoice Date : 28-12-2017
PAN : AAABD0507F
GSTIN : 32AAABD0507F1ZK
State : KERALA
State Code : 32

Publication : Deshabhimani Daily

Insertion Date	Tariff Rate	Sq.Cm	TVM	KTM	CHN	TCR	MPM	CLT	KNR	Total Amt
28-12-2017	1600.000	15x12.2	14	14	14	14	14	16	16	292800

Caption : JYOTHIS
Ref : ANERT, TRIVANDRUM
Remarks :

Bank Details

Bank Account Number : 204100301000193
IFSC : VIJB0002041
Bank Name : VIJAYA BANK
Branch : Trivandrum
Service Description

Service Type : Sale of advertising space in print
Service Accounting Code : 998363

Trade Discount(15%)

43920

Total Amount Before Tax

248880

Add: CGST (2.5%)

6222

Add: SGST (2.5%)

6222

Add: IGST (0%)

0

Total Tax Amount

12444

GST on Reverse Charge

0

Total Amount After Tax

261324

(Two lakh sixty one thousands three hundred and twenty four Rupees)

Terms & conditions : All remittance to be made to Deshabhimani Publications by means of online transfer, crossed demand drafts or cheques. 12.5% extra will be levied if payment is not made, within the agreed credit period. Please ignore this NOTE if payment is already made.



For Deshabhimani Publications

(Signature)
Advertisement Manager

THANK YOU FOR YOUR BUSINESS !

Receipt No : 11123/2018/TAPAL ANERT

ADVERTISEMENT BILL

Express Publications (Madurai) Limited

ORIGINAL

Express House Kaloor,
Kochi-682 017. Phone : 0484-2402215; Fax: 0484-2401799
GST NO: 32AAACI0842D1ZB
TAX INVOICE



Dr.

Chakra Communications
Post Box No-200 G.P.O. Vanross Junction
Thiruvananthapuram 695001 Kerala India
GST NO : 32AABFC6512C1Z9

Code No : 21811
Bill No : KOCKL110048830
Bill Date : 28-DEC-17
Publication/Package : TNIE KL-STATE DISPLAY COLOUR
Bill Dispatch Centre : Thiruvananthapuram
Advertisement Category : GOVT (STATE)
Sub Category : 1500001 - Display-Government

Advertiser : Anert Trivandrum
Product Key : DISPLAY
Order Ref.No. & Date : DST 1136/27-DEC-17
S.B.No : 110048830
Month : DEC/2017

Agency Type : ACCREDITED
PAN : AAACI0842D

PUBLICATION / PUBLISHED AT/ON/PAGE

Amount in Rupees

TNIE				
KOC	28/DEC	3		
IVM	28/DEC	3		
KOZ	28/DEC	3		

AC CODE: 998363

COLS: 12.1	CMS: 15	Total Space: 181.5 SCM	Rate: 550.00	Gross Value :	99825.00
DISCOUNT					
Trade Discount % : 15				14973.75	
Total Discount:				14973.75	
				Net Amount:	84851.25
				Total Discount:	14973.75
				Amount Payable:	84851.25
				SGST-2.5%	2121.27
				CGST-2.5%	2121.27
				Round Off:	89094.00

Rupees eighty-nine thousand ninety-four only

E. & O. E.

1. Remittance should be made by crossed Account Payee Cheque / Demand Draft Payable to EXPRESS PUBLICATIONS (MADURAI) LTD. For NEFT/RTGS please remit to Indian Overseas Bank, A/c 161302000000505, IFSC Code IOBA0001613. While remitting please quote Bill No. 2. Only official receipts issued by us will be binding on us. 3. This bill can be ignored if remittance has been made already. 4. The bill is payable immediately on receipt unless otherwise agreed. 5. No objection or complaint concerning the bill shall be entertained if not received by us within 15 days after presentation of this bill. All such complaints should be addressed to Accountant (Advertisement). 6. All disputes in respect of this bill are subject to jurisdiction of Chennai Courts

Encl : VOUCHER TEAR SHEETS

For Express Publications (Madurai) Limited

ACCOUNTANT (Advertisement)

Receipt No. 11123/2018/TAPAL ANERT

6TH FLOOR, FELICITY SQUARE

STATUE JN. M

TRIVANDRUM - 695001

Phone: 0471-6630806

Fax: 0471 - 6630801

Supplier GSTN : 32AAACB4373Q1ZH

Location of supplier : Kerala

CIN : U22120MH1913PLC000391

INVOICE

Original for Recipient

RESPONSE



Addressed To : 2582 PAN No: AABFC6512C CHAKRA COMMUNICATIONS	Invoice No. : BCKL17RV-0005356 Date : 28.12.2017
VANROSS JN 3RD FLOOR, CHAKRA TOWERS Trivandrum -695001 Recipient GSTN / UIN : 32AABFC6512C1Z9 Place of Supply : Kerala	Order No. : 22462583 Ref. Inv No. : Advertiser : ANERT(AGN FOR NON CON ENG&RUR) Caption : Jyothis R.O. No : 1137 R.O Date : 28.12.2017

Item No	Pub Date/Activity	Pub	Position	SIZE Width	SIZE Height	Volume	Clr Cd	Rate Cd	Rate	Premium Amt %	Disc %	Amount
002	28.12.2017	ETC	Pg-14	12	15	180 SCM	4C	A	54.6944	0.00	0.00	9845.00
001	28.12.2017	TOIKR	Pg-3	12	15	180 SCM	4C	B	419.3056	0.00	0.00	75475.00

Ad Category : Display Due Date : 28.02.2018

Amount (In Words) (INR) Seventy Six Thousand One Hundred Forty Eight Only

Authorised Signature

Gross Amount	85320.00
Trade Discount	12798.10
Net Value	72521.90
CGST @ 2.50 %	1813.05
SGST @ 2.50 %	1813.05
IGST	
Net Payable	76148.00

Tax payable on Reverse Charge : No. -

Page: 1 of 2

ALL PAYMENTS SHOULD BE ACCOMPANIED BY SHORT & UNPAID STATEMENT

E.&O.E

THANK YOU FOR ADVERTISING WITH US WE LOOK FORWARD TO YOUR CONTINUED PATRONAGE

All Payments should be made by crossed A/c. Payee cheques/drafts only favoring BENNETT, COLEMAN & CO. LTD and send it to BENNETT, COLEMAN & CO. LTD 4TH FLOOR, IMPERIAL

TRADE CENTRE, MG ROAD KOCHI 682035 0484- 66422963/ 66422964 0484-6644999.

In case of TDS deduction (if applicable) TDS certificate - Form No. 16A should be in the same name

Pan No AAACB4373Q Registered office: THE TIMES OF INDIA BUILDING, DR.DADABHAI NAOROJI ROAD MUMBAI - 400 001 TEL : 66352525 FAX : 66352525

RUBINOW DARK IS PRINTED FROM



Co., Ltd.

Phone: 44 (0) 1203 21 12 44 Fax: 44 (0) 1203 21 12 45
Email: info@yibang.co.uk Web: www.yibang.co.uk

PAN: AAACT8521G

GSTIN: 33AAACT8521G1ZK

100

Date:

RD No & Date

Publication

1117-27

1000

Caption

Code

100

Tax Payable on Reverse Charges: 10

SAL. Code: 998363

[illegible]

er the Provisions of the Income Tax Act, no cash payments amounting to 2,00,000/- or more will be accepted.

ich : Kannur Road, Kozhikode IFSC: SBIN0070188

Int (in Words)

Amount		₹ 1,00,00.00
+ Extra Charges		₹ 0.00
+ Box & Postage Charges		₹ 0.00
Gross Amount		₹ 1,00,00.00
- Trade Discount		₹ 5,00.00
- Additional Trade Discount		₹ 0.00
Net Taxable ▶		₹ 95,00.00
	Rate	Amount
CGST	12%	₹ 11,400.00
SGST	6%	₹ 5,700.00
IGST		
Round off		₹ 0.00
Net Payable ▶		₹ 1,12,100.00

REGISTERED OFFICE: Mathrubhumi Buildings, K.P. Kesava Menon Road, Kozhikode, Kerala 673001 CIN: U22110KL1922PLC001322

77333 TALLAH-VAU ENO ADVERTISING UNIT DE AUS I AMV FORNADO TO YOUR CONTINUED PATRONAGE

Receipt No : 11123/2018/TAPAL ANERT

& Sons Limited1946 (1), Airport Road, Vallakadavu
anthapuram - 695 008.

KERALA

2110TN1940PLC001091

998363

THE HINDU

GROUP OF PUBLICATIONS

Phone : 0471 - 2502001, 2502002

Fax : 0471 - 2502016

Website : www.thehindu.com

E-mail : advtaccts@thehindu.co.in

ACCREDITED		ADVERTISEMENT TAX INVOICE	
1195655		R.O. No.:	DST-1135
28.12.2017		R.O. Date:	26.12.2017
No	2000049233	Advertisers	
510143000 CHAKRA COMMUNICATIONS CHAKRA TOWERS, 3RD FLOOR, VANROSS JUNCTION, P.B.NO:200 GPO Trivandrum 695001 32AABFC6512C129 32		ANERT - AGENCY FOR NON-CONVENTIONA ENERGY CURRENCY : INR	

Particulars	Ins. Date	Size	Space	Rate	Gross Amount	Trade Discount	Net Amount
S KERALA : 5 Ad COLOR - C ion: RHP MUST SC Lay Ads/ANY PAGE	28/12	15X12	180	1145.00	206100.00	30915.00	175185.
						SGST 2.5 %	4379.
						CGST 2.5 %	4379.
						IGST 5 %	
						UGST 2.5 %	
Amount Payable :							183944.
LAKH EIGHTY THREE THOUSAND NINE HUNDRED FORTY FOUR Rupees							

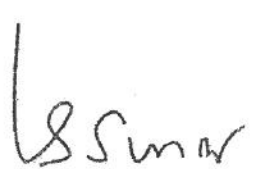
DATE: 28.02.2018 INTEREST @ 15 % P A WILL BE CHARGED IF NOT PAID

BEFORE DUE DATE

ACK3000H GST ID : 32AAACK3000H1ZD

REVERSE FOR RTGS AND OTHER DETAILS)

reets


Associate Vice President
Advertisement Commere

File No.ANERT-TECH/293/2017-PO(ASP)



അനേർട്ട്
ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
DEPARTMENT OF POWER, GOVERNMENT OF KERALA
Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in
Tel.: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

ഭരണഭാഷ - മാതൃഭാഷ

office

ANERT-TECH/293/2017-PO(ASP)

13/01/2018

The Managing Director

Solar Energy Corporation of India

Sir,

വിഷയം : Implementation Solar Rooftop Power Plant Programme in RESCO model- One day
Workshop planned-and request for allocation of capacity of 10MW to ANERT- State Nodal Agency of MNRE- Kerala- Reg:-

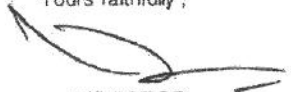
ANERT is planning to introduce RESCO model for the implementation solar Rooftop Power plants in Government and Local Self Government buildings in Kerala. We have already started a campaign "Jyothis" for reducing non-plan expenditure of government departments through RESCO model of Implementation.

It is proposed to organise a one day workshop of proponents on 16th Jan 2018 at Trivandrum. As a pioneering organisation implementing RESCO model in India, we would like to invite you as a key note speaker for the programme. The presence officers from SECI can also contribute a lot during the discussions during this programme.

We would also like to be a partner of SECI for the implementation of RESCO model in Kerala. For a start, we request for an allocation of 10MW capacity to ANERT.

Thanking You

Yours faithfully,


DIRECTOR

217

File No.ANERT-TECH/293/2017-PO(ASP)

**അനേർട്ട്
ANERT**

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
DEPARTMENT OF POWER, GOVERNMENT OF KERALA
Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in
Tel.: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

ദേശീയ - മാതൃകാNational Institute
Office

ANERT-TECH/293/2017-PO(ASP)

13/01/2018

To

The Director

Energy management Centre

Sir,

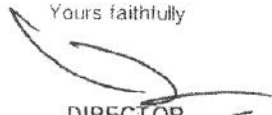
Sub: : Organising One day conference on RESCO model of Solar power plant implementation
-request for allotment of hall and other arrangements

ANERT is organising a One day workshop for the proponents of solar rooftop power plants under RESCO model of implementation. The registration of participants exceeded 175 nos. Since ANERT seminar hall is having lesser capacity, we are unable to organise the programme here. Hence I request you to allot the conference of EMC for the programme.

It is also requested to arrange tea snack and lunch for the participants. If you could arrange registration of participants it will be helpful.

The expenditure in this regard will be reimbursed on receiving expenditure statement

Yours faithfully


DIRECTOR

Receipt No : 11970/2018/TAPAL ANERT
No. SK/155/18/MTI, Thrissur

Maharaja's Technological Institute, Thrissur

Dated: 08.02.2018

From

The Principal

To

ANERT ✓

Agency for Non-Conventional Energy and Rural Technology.

Power Department, Govt. of Kerala.

P M G - Law College Road,

Vikas Bhavan. P O

Thiruvanthapuram-695033



Sir/madam,

Sub:- Maharaja's Technological Institute, Thrissur- Solar project to reduce Non-Plan expenditure for Central/State Govt. Organisations

Ref:- 1. Brochure "ജ്യോതിസ്" received in this office on 29-12-2017

2. E mail sent from this office dated.09-01-2018

Vide reference (2) cited, we have responded to your project, kindly arrange to include us in the "ജ്യോതിസ്" project.

The email id of our institution is as follows

mtitsr@rediffmail.com

mtithr@rediffmail.com

Yours faithfully

M Chandrakumar

Principal

Copy to:-

Mr. Remesh T M Lr. Electrical and Electronics.



Receipt No. 11829/2018/TAPAL ANERT

**ANERT**

07 FEB 2018

Date:

Energy Management CentreState Designated Agency to enforce Energy Conservation Act 2001)
Department of Power, Government of Kerala**Sreekrishna Nagar, Sreekariyam P.O.
Thiruvananthapuram 695 017**

Tel: 0471-2594922, 2594924 Fax: 0471-2594923

E-mail: emck@keralaenergy.gov.in

Website: www.keralaenergy.gov.in

EMC/ET&R/ANERT/04

05.02.2018

The Director

ANERT

PMG - Law College Road

Vikas Bhavan P.O.

Thiruvananthapuram - 695 033

Phone: 0471-2329854

Dear Sir,

Sub: ANERT Workshop on 16th January 2018 - Request for release of funds - reg

Ref: - Email regarding the workshop dated 1/12/2017

Greetings from EMC. As requested in the email cited, we had provided utility for conducting the workshop for implementation of Solar Power Plants in RESCO Model in Kerala on 16/01/2018. The total expenditure incurred for the above workshop is ₹ 55,000/- (Fifty Five Thousand only). A statement of expenditure incurred is enclosed for kind reference.

I request you to kindly release the amount at the earliest.

Thanking you,

Yours faithfully,

K M Dhariesan Unnithan
Director

Receipt No : 11829/2018/TAPAL ANERT

STATEMENT OF EXPENDITURE

S. No	ITEM	EXPENSE
1	Food Expenses	28,500
2	Stationery	1,500
3	Other Expenses (Hall Rent, Generator, Labor charge)	20,000
4	Administrative charges	5,000
TOTAL		55,000/-



* 221

**GOVERNMENT OF KERALA****Abstract**

Power Department - ANERT - Implementation of Plan activities 2017-2018 - Training and awareness programmes for an amount of Rs.60 Lakhs - Administrative Sanction accorded - Orders issued.

POWER (PS) DEPARTMENT**G.O.(Rt)No.**

244/2017/POWER Dated, Thiruvananthapuram, 30/06/2017

Read: 1. Letter No.4202/F&A/2017/ANERT dated 25.04.2017 from the Director, ANERT.

2. Minutes of the Working Group Meeting held on 19.05.2017.

ORDER

As per the letter read as 1st paper above, the Director, ANERT has requested Government to accord Administrative Sanction for the implementation of plan activities of ANERT included in the Annual Plan for the Year 2017-18.

2. The Working Group meeting held on 19.05.2017 examined the project proposals with reference to the Plan write up approved. After a detailed discussion the Working Group recommended approval of the proposals as detailed below.

Exhibitions/Melas/Fairs - Category 1 - Duration up to 7 days	10 programs	Rs.3 lakhs
Category 2 - Duration more than a week	10 programs	Rs.4.80 lakhs
Orientation and Awareness Camps	28 programs	Rs.4.20 lakhs
Advertisements/Sponsorships of programs related to Renewable Energy	40 programs	Rs.4 lakhs
Newsletter	6 numbers	Rs.3 lakhs
Brochures/Booklets on Renewable Energy		Rs.3 lakhs
Special Awareness Programmes mainly aimed at students	20 programs	Rs.4 lakhs
Training Programmes on Renewable Energy	10 programs	Rs.16 lakhs

Receipt No : 13200/2018/TECHNICAL ANERT

Seminars/Conferences	5 programs	Rs.5 lakhs
Urja Kiran, in association with EMC		Rs.11 lakhs
Energy Clinic, in association with EMC		Rs.2 lakhs
		Rs 60 lakhs

3. The Working Group also recommended approval of Rs.9 lakhs as project overhead expenses of ANERT for implementing the project. The total expenditure of Rs.69 lakhs shall be debited to the Head of Account 2810-00-800-90-07(P).

4. Government have examined the matter in detail and are pleased to accord Administrative Sanction for the implementation of above programs of ANERT included in the Annual Plan for the Year 2017-18 debiting the total expenditure of Rs.69 lakhs (Rupees Sixty Nine lakhs only) to the Head of Account 2810-00-800-90(07) subject to the following general conditions.

1. The expenditure would be met from the provision available under the appropriate head of account and for the purpose mentioned above.
2. The fund release will be based on actual requirement and the fund released should not be parked in Banks.
3. Store Purchase Rules shall be strictly adhered to.
4. Tender/e- tender and other stipulated formalities shall be followed wherever necessary.
5. For civil works, CPWD rates shall be followed.
6. Post creation and purchase of vehicles are not admissible under the scheme.
5. ANERT, the implementing agency, shall monitor and implement the programmes through the District Offices of ANERT.

(By order of the Governor)

PAUL ANTONY

ADDITIONAL CHIEF SECRETARY

To:-

- The Director, ANERT, Thiruvananthapuram.
- The Principal Accountant General (Audit), Kerala, Thiruvananthapuram.
- The Accountant General (A&E), Kerala, Thiruvananthapuram.
- The Chief, State Planning Board, Thiruvananthapuram.
- The Finance (PUC) Department.
- The Planning and Economic Affairs Department.
- I and PR (Web and New Media) Department.

Receipt No : 13200/2018/TECHNICAL ANERT

Stock File/Office Copy.

Forwarded/By order

Section officer

Copy to: PS to the Hon'ble Minister (Electricity)

PA to the ACS (Power)

CA to the AS (Power)

Proceedings of DIRECTOR-
(Present: HARIKUMAR R)

Abstract

ANERT - Workshop on RESCO model - Release of expense incurred by Energy Management Centre sanctioned order issued.

ANERT-TECH/293/2017-PO(ASP)

AF / . . . /ANERT/2018

27/03/2018

Ref: 1. Letter EMC/ET &R ANERT/04 dated 05.02.2018 received from EMC.
2. Letter no. ANERT-TECH/293/2017(ASP) dated 13.01.2018

Order

For promoting RESCO model implementation of Solar Power Plants , a workshop was planned on 16th Jan 2018 and registration process was initiated through on line process. The registration exceeded 175 numbers; hence programme could not be organised at ANERT conference hall.

Director EMC was requested to allot the conference hall with higher capacity and to organise this programme at their premises. The programme was organised at EMC on 16th Jan 2018.

Vide reference (1) , Director EMC had forwarded the statement of expenditure and requested for reimbursement.

Hence sanction is hereby accorded for the release of Rs.55000/- (Rupees Fifty Five Thousand Only) to Director Energy Management Centre , A/C no 67084840014, IFSC SBIN 0070268, SBI Engg College Branch.

The expenditure in this regard may be debited from head of account 2810-00-800-90(7) as per GO 9Rt) 244/2017/POWER dated 30/06/2017

DIRECTOR

1. Director, EMC
2. Finance Manager
3. cashier

[Handwritten signature]
[Handwritten mark]
119

No.119/Camp/PTC/2017Police Training College
Thiruvananthapuram

Dated: 02.04.2018

From

PrincipalPolice Training College
Thiruvananthapuram

To

The Director

ANERT

PMG - Law College Road

Vikas Bhavan P.O.

Thiruvananthapuram - 695 033

Sir,

Sub: Request for clarification on solar plant installation - Reg

The Vice Principal, Police Training College, attended a 1 day seminar at Energy Management Centre, Sreekariyam regarding the installation of RESCO model solar power plant. In this regard we had consulted with M/s. Soura Natural Energy Solutions India Private Limited who submitted a proposal for the installation of RESCO model solar power plant with a capacity of 175 KW. We also seek an approval from the SECI (Solar Energy Corporation of India Ltd.) and they approved to proceed with the installation of RESCO model solar power plant by M/s. Soura Natural Energy Solutions India Private Limited. Now Police Headquarters needs some clarification regarding the roll of ANERT and Government of Kerala in connection with the proposal. In these circumstances I request you to kindly clarify the following points:

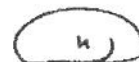
6. Whether there is approval from Government of Kerala to install RESCO model solar power plant on the roof top of government building.
7. Whether M/S. Soura Natural Energy Solutions India Private Limited is an authorized implementing agency approved by State/Central Government.

Receipt No : 13865/2018/TAPAL ANERT

8. Whether KSEB or Government of Kerala approved the RESCO model solar power plant installation.
9. Whether there are any legal issues in engaging an agreement with M/s. Soura Natural Energy Solutions India Private Limited.
10. What are all the other department engaged into agreement with M/s. Soura Natural Energy Solutions India Private Limited with the installation of RESCO model solar power plant.

Kindly reply in this regard at the earliest.

Yours faithfully



Principal
Police Training College

227

Receipt No : 13719/2018/TAPAL ANERT


4/4**No.119/Camp/PTC/2017**

Police Training College

Thiruvananthapuram

Dated: 02.04.2018

From

PrincipalPolice Training College
Thiruvananthapuram

To

The Director

ANERT

PMG - Law College Road

Vikas Bhavan P.O.

Thiruvananthapuram – 695 033



Sir,

Sub: Request for clarification on solar plant installation – Reg

The Vice Principal, Police Training College, attended a 1 day seminar at Energy Management Centre, Sreekariyam regarding the installation of RESCO model solar power plant. In this regard we had consulted with M/s. Soura Natural Energy Solutions India Private Limited who submitted a proposal for the installation of RESCO model solar power plant with a capacity of 175 KW. We also seek an approval from the SECI (Solar Energy Corporation of India Ltd.) and they approved to proceed with the installation of RESCO model solar power plant by M/s. Soura Natural Energy Solutions India Private Limited. Now Police Headquarters needs some clarification regarding the roll of ANERT and Government of Kerala in connection with the proposal. In these circumstances I request you to kindly clarify the following points:

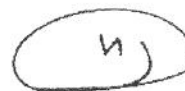
1. Whether there is approval from Government of Kerala to install RESCO model solar power plant on the roof top of government building.
2. Whether M/S. Soura Natural Energy Solutions India Private Limited is an authorized implementing agency approved by State/Central Government.

Receipt No : 13719/2018/TAPAL ANERT

3. Whether KSEB or Government of Kerala approved the RESCO model solar power plant installation.
4. Whether there are any legal issues in engaging an agreement with M/s. Soura Natural Energy Solutions India Private Limited.
5. What are all the other department engaged into agreement with M/s. Soura Natural Energy Solutions India Private Limited with the installation of RESCO model solar power plant.

Kindly reply in this regard at the earliest.

Yours faithfully



Principal
Police Training College

Receipt No : 13945/2018/TECHNICAL ANERT

सोलर एनर्जी कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(सौर ऊर्जा/रक्षा उद्योग)
Solar Energy Corporation of India Ltd.
(A Government of India Enterprise)

स्वच्छ भारत - स्वच्छ ऊर्जा

No. SECI/PS/109/2016 / 19461

Dated: 06.03.2018

To,
Shri Anil Sreenivas
Vice Principal,
Police Training College,
Overbridge, Pavithra Nagar,
Santbi Nagar, Thampanoor,
Thiruvananthapuram, Kerala - 695014

Subject: Installation of Grid connected rooftop solar plants at government building.

Sir,

This has reference to your Letter No. C-748/2018/PTC dated 14.02.2017 regarding the subject cited.

We would like to inform you that M/s Saura Natural Energy Solutions India Pvt. Ltd, X/126, 1st floor, SNDF Jubilee Bldg, Chirangara jn. Koratty (E) P.O. Chalakudy, Thrissur - 680308, Kerala is one of the successful vendor in this scheme.

As per SECI's RFS Clause M/s Saura Energy Solutions India Pvt. Ltd will be able to transfer the Capacity from CAPEX to RESCO. You may proceed with the signing of PPA with them.

Thanking you,

Yours faithfully,

(R. K. Singh)
A. G. M. (Solar)

Issue No : I/1247/2018

ഭരണഭാഷ - മാതൃഭാഷ

GENERATED THROUGH
eoffice
അനേർട്ട്
ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
 DEPARTMENT OF POWER, GOVERNMENT OF KERALA
 Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in
 Tel.: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

ANERT-TECH/293/2017-PO(ASP)

17/04/2018

To

The Principal
 Police Training College
 Thiruvananthapuram

Sir

Sub : Installation of Solar Power plant in RESCO model at police Training College.
 Ref: letter No 119/camp/PTC/2017 dated 02.04.2018 from Principal ,Police Training College.

With reference to the letter cited above see the details below

1. Installation of Solar Power plant requires no specific approval .RESCO model is financial model approved by MNRE (Ministry of new and Renewable Energy, government of India) . Since this involves financial transaction, approval from administrative department may be obtained.
2. Regarding authorisation of Soura Natural Energy Solutions India Private Ltd , Solar energy Corporation of India itself gave the clarification as per letter no SECI/PS/109/2016/19461 dated 06.03.2018 to the Principal Police training college. This agency has been empanelled by ANERT for installation of CAPEX model power plants in Kerala.
3. RESCO is a Financial Model for implementation. KSEBL has no role other than connectivity as in the case of other Solar power Plants installed under CAPEX model. Approval from administrative department may be obtained before going ahead with the project , since it involves financial transactions.
4. SECI (Solar Energy Corporation of India) had already provided a format for Power Purchase agreement which is approved by Ministry of Law ,Government of India. Hence there may not be any legal issues in this regard. If required PTC may obtain a legal opinion from a competent authority.
5. Regarding other departments engaged into agreement with the agency , the details may be obtained from the agency directly

Thanking You

Yours faithfully,

DIRECTOR

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അനർട്ട്-മാനവ്വേ



അനർട്ട്
ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
(DEPARTMENT OF POWER, GOVT. OF KERALA)

ANERT-TECH/293/2017-PO(ASP)

17/04/2018

To

The Principal
Police Training College
Thiruvananthapuram

Sir

Sub : Installation of Solar Power plant in RESCO model at police Training College.
Ref : Letter No 119/camp/PTC/2017 dated 02.04.2018 from Principal, Police Training College.

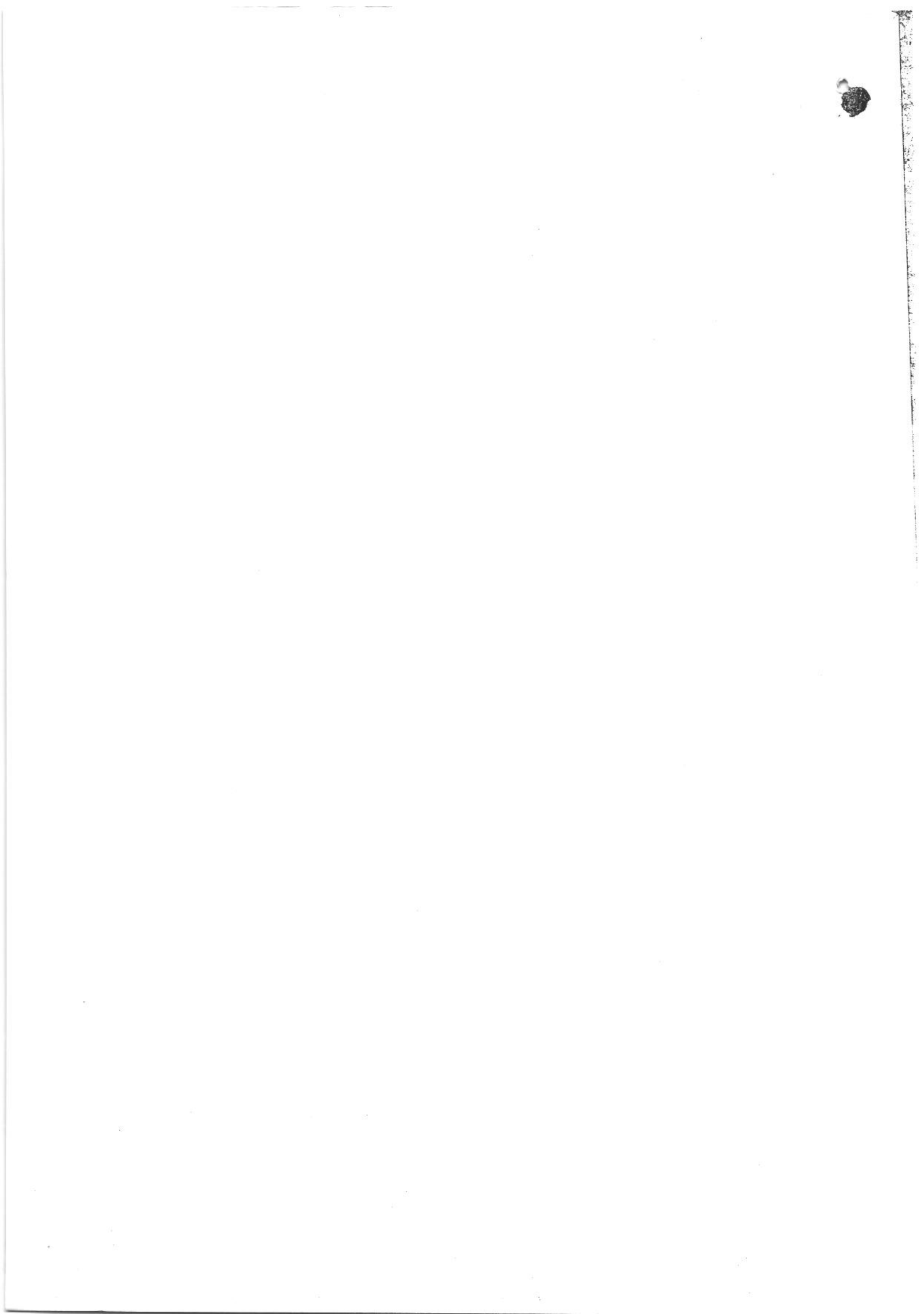
With reference to the letter cited above see the details below

1. Installation of Solar Power plant requires no specific approval. RESCO model is financial model approved by MNRE (Ministry of new and Renewable Energy, government of India). Since this involves financial transaction, approval from administrative department may be obtained.
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5. Regarding other departments engaged into agreement with the agency, the details may be obtained from the agency directly.

Thanking You

Yours faithfully,

DIRECTOR



1. LETTER ISSUED BY SECI TO AZURE POWER ROOFTOP ONE PVT.LTD
2. COPY OF MODEL PPA
3. LIST OF QUALIFIED BIDDERS
4. LETTER FROM AZURE POWER REGARDING SCHEME FOR KERALA

A capacity of 2.8 MWp was allocated to M/S Azure Power Rooftop One Pvt. Ltd by Solar Energy Corporation of India for implementation on Government buildings in the state of Kerala . T

As per the final list of qualified bidders M/S Azure Power Rooftop One Pvt.Ltd had allocated 2892kWp for executing in Kerala.

The brief scope of work is design, engineering, manufacture, supply, storage, civil work, erection, testing & commissioning of the grid connected rooftop solar PV project including Operation and Maintenance (O & M).

The project will be implemented under RESCO model i.e. Azure Power will develop the project at its own investment and sell clean energy to you at the levelized tariff fixed by nationwide competitive bidding conducted by SECI. The fixed tariff for Kerala under this tender is only Rs. 3.970/kWh.

Based on this ANERT may promote the implementation of Solar Grid Connected Rooftop Power Plants in RESCO mode.

A stake holder meeting of State and central Government departments may be convened to explore the opportunity . For getting the registration of prospective beneficiaries wide publicity through advertisement and press releases may be organised and the registration may be done through a Google doc link published in ANERT website.

permission may be given to

- 1.To take registration of proponents through a online registration process.
2. initiate Publicity through media mainly news papers through advertisement and press releases.(with Prior approval of note for press release and matter for advt.)
3. organise a meeting of stakeholders on 16th of Jan 2018

Dir(Tech) on leave

FM (on Leave) GM

Dir

23/12/2017 10:53 AM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

For orders on the above proposals.

23/12/2017 2:16 PM

**LATHA PANICKER
(GM ANERT)**

Agreed.

23/12/2017 2:51 PM

**HARIKUMAR R
(DIR ANERT)**

Based on the above advertisement matter is prepared in malayalam and English and the estimate is prepared for publishing in

Malayalammanorama- TVM+KLM+KTYM+PTA+ALPY

Mathrubhoomi - All Kerala

Deshabhimani - All Kerala

The Hindhu - All Kerala

Indian Express - All Kerala

Times of India - All Kerala

Economics Times - Kochi

is also attached

permission may be accorded for releasing advertisement in news papers and publishing the artwork of advertisement , model PPA and the link for on line registration along with the text as given below.

“Jyothis”

Rooftop Solar Power Plants under RESCO Model

- Zero implementation Cost
- Free Operation and Maintenance for 25 Years
- Fixed Tariff of INR 3.97 per Unit for 25 Years
- Plant size - Minimum 50kWp
- Shadow Free area required (either RCC or GI Shed)- Minimum 500 SQM

It is proposed to deploy solar plants at State and Central government buildings with zero investment from your side.(RESCO Model)

The brief scope of work

-

Design, engineering, manufacture, supply, storage, civil work, erection, testing & commissioning of the grid connected rooftop solar PV project including Operation and Maintenance (O & M).

The project will be implemented under **RESCO** model by the selected agency with **its own investment** and sell clean energy to you at the **Rs. 3.970/kWh.**

ANERT is organising a one day workshop on 16th JAN 2018 at Trivandrum for the registered organisations.

(Venue will be intimated)

Last date of registration 10 Jan 2018

Link for registration

Other documents for reference

1. Model PPA

FM

GM

Dir

Since FM not available the matter was discussed with FM over phone and file forwarded to GM

GM

Dir

27/12/2017 11:47 AM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

May permit

27/12/2017 3:12 PM

**LATHA PANICKER
(GM ANERT)**

Agreed.

We shall invite SECI also for the proposed Jan. seminar.

27/12/2017 3:13 PM

**HARIKUMAR R
(DIR ANERT)**

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based on the above draft work order to M/S Chakra communications empanelled agency for advertisement in news papers submitted for approval

GM Dir

27/12/2017 3:41 PM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

May approve.

27/12/2017 4:56 PM

**LATHA PANICKER
(GM ANERT)**

Approved.

27/12/2017 5:06 PM

**HARIKUMAR R
(DIR ANERT)**

ANERT is planning to introduce RESCO model for the implementation solar Rooftop Power plants in Government and Local Self Government buildings in Kerala . We have already started a campaign "Jyothis" for reducing non -plan expenditure of government departments through RESCO model of Implementation.

SECI may be invited for the workshop of proponents proposed on on 16th Jan 2018 at Trivandrum. As a pioneering organisation implementing RESCO model in India,It will be beneficial to invite you as SECI\r for the programme. The presence officers from SECI can also contribute a lot during the discussions during this programme.

Draft letter Managing director SECI is submitted for approval

04/01/2018 7:04 PM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

Dir (T),please see.

05/01/2018 11:39 AM

LATHA PANICKER

(GM ANERT)

Even though I am seeing this project details for the first time, and I am now asked to comment on the matter of inviting SECI to attend the workshop of ANERT, I would like to provide my views/concerns/doubts regarding this project as given below:

1. I, despite in charge of Director (Technical) - as appointed by the Government, have been finding it difficult in the past few days to answer couple of inquiries on this project that came to me based on ANERT's newspaper advertisement, as I have been totally in the dark regarding this project and its details.
2. From the available documents produced in this file, it is not clear how this project has been pictured as a RESCO model project of ANERT, with the name JYOTHIS.
3. This appears to me as a business model, competitively won by a private company (Azure Power) from a particular scheme of SECI, by defeating other bidders in the competition. If Azure Power completes the target allocated by SECI to them in Kerala, as per the terms and conditions of SECI, Azure Power will get certain incentive from SECI. SECI in their letter to Azure has categorically stated "You shall be liable solely and severally for the execution of the project in accordance with terms and conditions of the bidding documents". Neither SECI, nor MNRE (under which SECI is a company) has in any manner given responsibility/authority to ANERT to monitor/control/assist Azure Power in this work. Even the letter from Azure to ANERT is a general courtesy letter, without any specific request for ANERT's help, financial or otherwise, for sponsorship/advertisement efforts/proponent registration on ANERT's web site etc. But we have already spent a substantial amount for newspaper advertisement and are proposing to do further tasks to assist Azure Power.
4. It is a fact that, in the event of prior knowledge of the kind of helps we are offering using our money and efforts and reputation, a still better rate would have resulted in the competitive bidding of SECI.
5. Our efforts in the above lines give the impression that this is a State Govt backed project, and this feeling might woo heads of Govt. offices, especially LSGIs, to come forward and take projects. As may be seen in the draft PPA, there are a number of intricacies and in the event of any breach from the side of the agency, Azure Power (who is not in our control in any manner), we will be answerable/parties to such issues, in front of such takers of this project.
6. From the details available, once the rooftop is given to Azure Power, it is under their control for 25 years. Expansion of building, nearby constructions (making shade), etc. will be issues that may occur during the 25 year period. All the electricity produced by Azure Power will have to be purchased by the Govt. office through a PPA at the rate of Rs. 3.97. If the consumption is less, the surplus electricity will go to utility grid. In such cases, whether KSEB will make payment to the Govt office, and if yes at what rate etc. are some of the other issues, for which we may not be able to help the building owners. We should be thoroughly prepared and equipped to tackle such issues before voluntarily advocating for a project not in our control.
7. From the economic angle, I think a comparative analysis of a proposed RESCO model needs consideration and approval before suggesting/canvassing to Govt institutions. Here we have not made any comparison of (a) this RESCO model (where, contractor will have to spend the capital cost @ Rs. 65000/- per kW, he will get back Rs. 16,250/- per kW as incentive from SECI, the building owner will have to compulsorily pay for all the electricity generated @ Rs. 3.97 for 25 years, with so many legally binding terms and conditions to be kept by the building

owner) WITH (b) construction of own SPV plants (where, the bench mark cost of construction is Rs. 65000/- per kW, MNRE subsidy now available @ 30%, savings in electricity bills for 25 and more years, if excess power is fed to the grid, that can be conveniently future-adjusted or encashed).

8. Lastly, I would like to disclose an anonymous call I received from somebody claiming to be an entrepreneur in the solar field, who alleged in a threatening voice that we the ANERT staff are extending undue and unjustified help and credibility to this company (Azure Power) by colluding with some local companies of our interest who have teamed up as subcontractors under Azure Power. Even though we act with the noble intention of spreading the solar power utilisation in our State to the maximum extent possible within the shortest possible time, at the same time, we should be careful to ensure that no room exists for any such wild allegation, howsoever far from truth it might be.

For consideration/appropriate decision.

06/01/2018 5:13 PM

**VALSARAJ P
(D-T ANERT)**

For orders.

10/01/2018 12:32 PM

**LATHA PANICKER
(GM ANERT)**

P.O - for remarks.

10/01/2018 12:40 PM

**HARIKUMAR R
(DIR ANERT)**

Solar Energy Corporation of India (SECI) New Delhi is a registered under Section 25 of Companies Act, 1956, as a Company not for profit, under the administrative control of the Ministry of New & Renewable Energy (MNRE).

Main objective of SECI

1. To plan and execute an integrated programme on development and deployment of solar energy technologies to achieve commercialization. To own, operate and manage, or to operate and manage as an agent, any type of power stations, (both grid connected and off-grid / distributed) and promote research and development, select suitable sites for solar power stations. In accordance with the policies and objectives laid down by the Central Government under the Jawaharlal Nehru National Solar Mission and as announced from time to time.
2. The main functions of the ("not for profit" section 25) Company would include assisting the Ministry of New and renewable Energy in executing the Mission objectives through appropriate mechanisms (for both grid and off-grid activities), evolving programmes and projects, managing special projects, overseeing and coordinating with all relevant stakeholder agencies in the

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pursuit of the above objectives.

3. The Company would also undertake setting up of solar projects, both grid connected and off-grid and engage in generating and selling solar power. If necessary, the Company may form joint ventures or SPV for this purpose either with the other Government organizations or in PPP mode.
4. In the first phase SECI is entrusted to roll out of the plan to install 1000 MW (plus) of solar grid connected power – including selection of developers, tie-ups with state utilities, interaction with Ministry of Power and other stakeholders etc.

As per letter No. SECI/PS/109/2016/16610 dated 27.10.2017, Solar Energy corporation of India requested the support from ANERT. Also invited ANERT to use the capacity allocated under 1000MW of Grid connected Solar PV Power Projects by CPSU and other GoI organisations under various Central / State Schemes /Self use/3rd Party sale etc.

By inviting tender SECI had discovered Tariff and project cost and published the list of tentative Vendors.

As part of JNNSM, state of Kerala has been allotted with an ambitious target of 1870 MW installed capacity from Solar by 2022. As a nodal agency for the state, it is the mandate of ANERT to plan to achieve the target. That can be through systems under subsidy scheme / without subsidy/CAPEX model /RESCO model or any other business model devised for this purpose.

Based on this it is proposed to explore the possibility of RESCO model. A programme for propagating RESCO model has to be evolved. In discussion with SECI, a one day workshop has been proposed on 16th of Jan 2018. For mobilising the interested parties for RESCO model, an online registration facility has also been made. We have received a registration of 175 participants from various sectors. Model, possibility and scope in Kerala will be discussed during this programme. Based on this workshop it is proposed to work out a scheme either by ANERT or in Association with SECI.

As per the list shared by SECI, M/S Azure Power Rooftop one Pvt.Ltd is the agency qualified for implementation of RESCO model under SECI Scheme. Hence this agency may be invited for a case study presentation of this scheme.

Regarding the Concerns and doubts raised by Director (Tech) i/c

1. The file was initiated on 23rd December 2017. Director (Tech) was on leave this day, followed by holidays. This may be the reason made the officer totally in dark.
2. The letter issued by SECI on 27th October 2017 is missing from the file. In this letter Solar Energy Corporation of India requested ANERT's involvement in the implementation of the allotted target of 1000 MW. As a non-profit company established by MNRE, we could not find any fault in associating with SECI. As a part of JNNSM, state of Kerala has been allotted with an ambitious target of 1870 MW. To meet the target different business models have to be explored. Since SECI is the pioneering organisation implementing RESCO model in India. It is proposed to associate to organise a workshop and promote the scheme proposed by MNRE through SECI.
3. SECI had invited tender for finalising and discovered project cost and per unit tariff under CAPEX and RESCO model respectively for various states. Since it is a tender process, rate fixed is valid and the list of agencies are valid for the installation of RESCO models on government buildings in Kerala. It is also request to allocate a capacity of 10MW to ANERT from the allocation by MNRE to SECI. As an output of the workshop, a new scheme and process can be worked out for the propagation RESCO model in Kerala.
4. As suggested by Director (Tech), arriving new rate can also be explored. This

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workshop will help us to know more about the scheme and need of proponents in Kerala and thus we can devise a scheme to suit Kerala.

5. We are not instructing LSGs to take up these project as it is proposed by SECI. The available scheme is for centre PSU. We can also plan for tailor made project for Kerala conditions. This workshop will be a stepping stone for the same.
6. Allotting rooftop and installing power plant has to be done by the proponent and the Vendor on mutual consultation. The standard document for PPA prepared by SECI have already been vetted by Ministry Finance and Ministry of Law and Justice, Government of India. This also published in MNRE website. We can adopt this conditions or make modifications if required.
7. This process is not a canvassing of any type. We have informed a possibility of implementation in RESCO model and invited interested parties for a workshop. This only a initiation to evolve RESCO model for Kerala.

The workshop is scheduled on 16th Jan 2018 at 10.30 am. Registration exceeds 175 hence programme can't be organised at ANERT conference hall. I have contacted EMC and the hall is available to accommodate 175 participants.

Hence Director EMC may be requested to organise this programme at their premises. Draft letter in this regard is also attached for approval.

Director

12/01/2018 4:35 PM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

Based on the clarification, it is understood that ANERT is organising a discussion meet/workshop to discuss the GoI RESCO scheme being implemented by SECI through empanelled agencies (similar to the solar connect/ smart schemes being implemented by ANERT through its empanelled agencies). Similar to ANERT inviting its empanelled agencies for presentation in connect/smart related workshops and/or inviting such empanelled agencies for ANERT organised spot registrations in all districts for the propagation of GoK/ANERT schemes, the suggestion to invite the empanelled agency of SECI in the proposed workshop shall not be considered as ANERT favouring a private agency. After all, all schemes of ANERT/MNRE in solar PV/heating/biogas/cook stoves/micro hydel are being implemented through empanelled private agencies. Based on the workshop, let us devise a scheme for public buildings for Kerala, if required, with any amendments in GoI scheme specific to Kerala. All other PPA/legal aspects to be taken care by the building custodian need to be clarified during the proposed workshop and ANERT, though as the SNA, need to take a facilitatory role, will not be a party to the PPA/MoUs signed between the building and the empanelled agency. Proposal for the workshop as well as for the venue to be in EMC - agreed and approved.

13/01/2018 3:20 PM

HARIKUMAR R

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(DIR ANERT)

Work Order was issue to M/S Chakra communications, Empanelled agency for releasing advertisement in news papers for publishing advertisement as per the estimate given by the agency .
Now the agency had submitted the bill with voucher copies of advertisement published in the newspapers.

Malayalamamorama- TVM+KLM+KTYM+PTA+ALPY

Mathrubhoomi - All Kerala

Deshabhimani - All Kerala

The Hindhu - All Kerala

Indian Express - All Kerala

Times of India - All Kerala

The voucher copies were verified and found in order.

A discount of 12.45% was also given by the agency based on the empanelment condition. After discount the amount to be released is Rs.15,55,262/- (Rupees Fifteen Lakh Two Hundred and sixty Two) only.

After Mandatory deduction of TDS of 2%, balance payable amount is Rs15,24,157/- (Rupees Fifteen Lakh Twenty Four Thousand One Hundred and Fifty Seven) only.

Hence sanction may be accorded for the release of Rs15,24,157/- (Rupees Fifteen Lakh Twenty Four Thousand One Hundred and Fifty Seven) only to M/S Chakra communications as account payee cheque.

The expenditure in this regard shall be debited to the head of account b2810-00-800-90(7) as per GO(Rt)No.243/2017/POWER dated 30.06.2017

Draft proceedings submitted for approval for the release of advertisement charges to M/S Chakra communications.

FM GM Dir

19/01/2018 7:27 PM

ANEESH S PRASAD
(PO(ASP) ANERT)

the present notings relate to payment of advertisement costs.verified in terms of AS orders and fund availability.

20/01/2018 2:36 PM

NITA KUMARI T.
(FM ANERT)

20/01/2018 3:04 PM

LATHA PANICKER
(GM ANERT)

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But delegation of HOD is limited to RS 50000/- as per our delegation of powers sanctioned vide G.O 102/17 Dated 7/8/17. Hence may obtain govt sanction.

20/01/2018 3:17 PM

**NITA KUMARI T.
(FM ANERT)**

For orders.

20/01/2018 3:31 PM

**LATHA PANICKER
(GM ANERT)**

Confusion w.r.t the definition of HOD is being still created/continued. The very same GO states about powers of HoDs for giving As to the tune of Rs 2cr/ Rs 5 cr/ Rs 10 cr and if such powers are vested with the Director, ANERT, then we need not have gone to the Admn Dept for AS. The referred GO is for Secretl. Dept and other Depts like the Elec Inspectorate. The draft proceedings approved.

20/01/2018 3:49 PM

**HARIKUMAR R
(DIR ANERT)**

20/01/2018 4:00 PM

**LATHA PANICKER
(GM ANERT)**

22/01/2018 11:45 AM

**NITA KUMARI T.
(FM ANERT)**

For promoting RESCO model implementation of Solar Power Plants , a workshop was planned on 16th Jan 2018 and registration process was initiated through on line process. The registration exceeds 175 , hence programme can't be organised at ANERT conference hall.

Director EMC were requested to allot the conference hall with higher capacity and to organise this programme at their premises.

Director EMC had forwarded the statement of expenditure and requested for reimbursement.

Hence sanction may accorded for the release of Rs.55000/- (Rupees Fifty Five Thousand Only) to Director Energy Management Center , A/C no 67084840014, IFSC SBIN 0070268, SBI Eng College Branch.

The expenditure in this regard may be debited from head of account 2810-00-800-90(7) as per GO 9Rt) 244/2017/POWER dated 30/06/2017

Draft proceeding submitted for approval

FM GM

20/03/2018 1:55 PM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

Please put up with GO (Rt) 244/2017/POWER dated 30/06/2017 mentioned above.

21/03/2018 4:10 PM

**K. BABU
(FM ANERT)**

G.O.(Rt)Nc. 244/2017/PCWER attached for reference.

fm gm dir

22/03/2018 2:02 PM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

Verified in terms of AS orders and fund availability.

22/03/2018 4:12 PM

**K. BABU
(FM ANERT)**

26/03/2018 8:46 PM

**JAYACHANDRAN NAIR P
(GM ANERT)**

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Approved.

27/03/2018 12:11 PM

**HARIKUMAR R
(DIR ANERT)**

The Principal Police training College requested for some clarification regarding Implementation of RESCO model of implementation of Solar Power Plants. Draft letter attached may be approved.

GM

Dir

16/04/2018 2:13 PM

**ANEESH S PRASAD
(PO(ASP) ANERT)**

Draft letter for approval.

17/04/2018 11:36 AM

**LATHA PANICKER
(GM ANERT)**

Approved.

17/04/2018 2:31 PM

**HARIKUMAR R
(DIR ANERT)**


01/05/2018 03:12 PM



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भारतीय सौर उर्जा निगम लिमिटेड
(भारत सरकार का उपक्रम)
Solar Energy Corporation of India Ltd.
(A Government of India Enterprise)

स्वच्छ भारत - स्वच्छ उर्जा

No: SECI/PS/109/2016 / 16510

Dated: 27.10.2017

Director,
Agency for Non-Conventional Energy and Rural Technology (ANERT),
PMG - Law College Road
Thiruvananthapuram 695033

Subject: Invitation to participate in SECI's Rooftop Solar Scheme

Sir,

As you are kindly aware, Solar Energy Corporation of India Ltd. (SECI) is a company dedicated to the development of Solar Energy sector, under the administrative control of the Ministry of New and Renewable Energy (MNRE), Government of India.

2. We would like to inform that presently SECI is operating a scheme for "Design, Manufacture, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance of Rooftop Solar PV System", vide RfS No.: SECI/C&P/MNRE/1000MW RT/IND/122016 dated 09/12/2016. An achievement linked incentive of up to 25% of the project cost is available under this tender. Projects can be installed in CAPEX or RESCO.

3. As your Agency has been entrusted with the promotion of Solar Energy in your state, your kind support is requested for the success of our scheme. You are welcome to use the capacity allocated under this tender for installation of Rooftop Solar plants on Government buildings under your purview. This can be a fruitful partnership for both of us.

4. It is also submitted that the Power Purchase Agreement (for RESCO projects) or EPC Agreement (for CAPEX projects) has to be signed between the SECI's vendor and Building representative. These standard documents have been vetted by Ministry of Finance and Ministry of Law & Justice. These have been made available with the Tender and are also available at MNRE website. The bidder is required to submit the copy of signed PPA/EPC Agreement and the DPR of the project to SECI for sanction under the scheme.

5. The state-wise list of discovered Tariff and Project cost along with tentative vendors is enclosed herewith for your ready reference. The vendors may either be directly contacted and provided buildings for installation of rooftop solar or the list of buildings where may be shared with us. The list can also be emailed at rooftopsolar@seci.co.in.

Thanking you,

Yours faithfully,

(R. K. Vaini)
A. G. M. (Solar)

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FINAL LIST OF SUCCESSFUL BIDDERS/DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S. No	Name of the State/ UT/ Island	Proposed Capacity of the State/ UT/ Island (in kWp)	Name of the Successful Bidder/ Developer	Address of the Successful Bidder/ Developer	Contact Person	Contact Details	Tariff per kWh (In INR)	Allocated Capacity (in kWp)	Remarks
1	Andaman & Nicobar Island	11211.300	Mundra Solar PV Limited	101-102, 1st Floor, Shall's Mall, Beside Girish Cold Drinks, Navrangpura, Ahmedabad-380009, GUJARAT	N. Devendiran / Saurabh Mathur / Parash Shah	909995599 / 7291909589 / 8980040873 (n.devendiran@adani.com / saurabh.mathur@adani.com / parash.shah@adani.com)	2.200	4484.520	
			Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)		3363.390	
2	Andhra Pradesh	15715.800	Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)	3.939	5530	
			TEP Solar India Mautlius	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)		4714.740	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		2000	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofuturenergies.com)		1000.000	
			Mytrah Energy Pvt. Limited	8001, Q-City, S. No: 109, Gachibowli, Hyderabad-500032, TELANGANA	Kumar Dipankar	+91 9006298693 (kumar.dipankar@mytrah.com)		2500	
3	Arunachal Pradesh	906.300					2.960		
4	Assam	6194.700	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (initiumkeyprojects@gmail.com)	2.420	1150	
			SG Renewable Energy Pvt. Limited	Adhwat Power Solutions Pvt. Limited, 108, 1st Floor, Pinnacle Tower, Sector-62, Noida-201301, UP	Sandeep Gupta	+91 9810839511 (sandeepgupta@adhwat.in)		477.880	
			Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)		1858.410	
			Arunachal Pradesh Power Corporation Pvt Ltd	#408, 4th Floor, Emmar MGF, Palm Spring Plaza, Golf Course Road, Sector-53, Gurgaon-122002, HARYANA	Karan Sharma	+91 124 2396441 (karan@apccpl.com)		1500.000	
5	Bihar	9661.500	Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)	4.590	3000	
			Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)		2030	
6	Chandigarh	2267.100	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)	3.440	680.130	
7	Chhattisgarh	6483.600	RMS Automation Systems Limited	C-138, Naraina Industrial Area, Phase-I, New Delhi-110028	Arun Kumar Khanna / Dhananjay Singh	+91 9811055625 / +91 9811594879 (dhananjay@rmsautomation.com / rms@rmsautomation.com)	3.220	500	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		1945.080	

FINAL LIST OF SUCCESSFUL BIDDERS/DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)

S. No.	Name of the State/UT/Island	Proposed Capacity of the State/UT/Island (in MW)	Name of the Successful Bidder/Developer	Address of the Successful Bidder/Developer	Contact Person	Contact Details	Tariff per KWh (in INR)	Allocated Capacity (in MW)	Remarks
8	Dadra & Nagar Haveli	15411.600	Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)	2.520	2000	
9	Delhi	30786.300	Horizon Renewable Power Pvt. Limited	910, Prakash Deep Building, 7 Tolstoy Marg, New Delhi-110001	Amit Anil	+91 9598051367 (amitanil@horizonrenewablepower.com)		250	
			Bharti Waters Pvt. Limited	M-4B, Azadkhana Bhawan, Azadpur Commercial Complex, Delhi-110033	Sanjay Kumar Aggarwal	+91 11 27681298 (sanjay@bhartiwaters.com)		1500	
			HFM Solar Pvt. Limited	1506, Hemkunt Tower, 98 Nehru Place, New Delhi-110019	Dharmendra Jain	+91 11 26293824 (solarpower@hfmgroup.net)		1000.000	
			Sunsource Energy Pvt. Limited	B-14, Sector-132, Noida-201301, UTTAR PRADESH	Adarsh Das	+91 120 6500409 (contact@sunsource-energy.com)	3.390	3000.000	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofuturenergies.com)		5000	
10	Goa	2636.100	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Selhi	+91 11 49409880 (bd.rooftop@azurepower.com)	3.140	9235.890	
11	Gujarat	8921.700	Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)		2660	
			TEP Solar India Mautitus	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)	3.937	2676.510	
12	Haryana	10046.700	RMS Automation Systems Limited	C-138, Naraina Industrial Area, Phase-I, New Delhi-110028	Arun Kumar Khanna / Dhananjay Singh	+91 9811055625 / +91 9811594879 (dhananjay@rmsautomation.com / rms@rmsautomation.com)		525	
			SG Renewable Energy Pvt. Limited	Addwatt Power Solutions Pvt. Limited, 108, 1st Floor, Pinnacle Tower, Sector-62, Noida-201301, UP	Sandeep Gupta	+91 9810839511 (sandeepgupta@addwatt.in)	3.320	1000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Selhi	+91 11 49409880 (bd.rooftop@azurepower.com)		3014.010	
13	Himachal Pradesh	3618.900	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (mitunkeyprojects@gmail.com)	2.380	600.000	
14	Jammu & Kashmir	8778.600	Sudhir Power Limited	Plot No. 1, Sector-34, EHTP, Gurgaon-122001, HARYANA	Ajay Bhutani	+91 9818253464 (ajaybhutani@sudhirpower.com)		1500	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)	4.210	500	
			Amplus Energy Solutions Pvt. Limited	8th Floor, The Palm Square, Golf Course Extension Road, Sector-66, Gurgaon-122018, HARYANA	Guru Inder Mohan Singh	+91 9810041787 (guru.inder@amplusolar.com)		500	

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FINAL LIST OF SUCCESSFUL BIDDERS/DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)									
S. No	Name of the State/ UT/ Island	Proposed Capacity of the State/ UT/ Island (in kWp)	Name of the Successful Bidder/ Developer	Address of the Successful Bidder/ Developer	Contact Person	Contact Details	Tariff per kWh (in INR)	Allocated Capacity (in kWp)	Remarks
15	Jharkhand	4174.200	Ishwar Cables Pvt. Limited	F-661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (imilunkeyprojects@gmail.com)	3.490	1000.000	
16	Karnataka	68794.200	Myrah Energy Pvt. Limited	8001, Q-City, S. No. 109, Gachibowli, Hyderabad-500032, TELANGANA	Kumar Dipankar	+91 9006298693 (kumar.dipankar@myrah.com)		3524	
			TEP Solar India Mautitus	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)		3000	
			Renaw Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 9810254255 (bidding.ds@renewpower.in)		1220	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofuturenergies.com)	3.839	2000	
			Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)		2000	
			Swelect Energy Systems	SWELECT House, 3rd Floor, No. 5, Sir P. S. Sivasamy Salai, Mylapore, Chennai-600004, TAMILNADU	V. C. Raghunath	+91 44 24679735 (vcr@swelects.com / tender.projects@swelects.com)		2000	
17	Kerala	7231.500	Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)	3.970	2892.600	
18	Madhya Pradesh	43345.800	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurapower.com)	3.140		
19	Maharashtra	29623.500	Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)		2000	
			TEP Solar India Mautitus	#301, 3rd Floor, Shangrila Plaza, Road No. 02, Banjara Hills, Hyderabad-500034, TELANGANA	Radheshyam Goyal / Kunal Pragati	+91 9212176421 / +91 9560004324 (r.goyal@thinkenergypartners.com / kunal.pragati@thinkenergypartners.com)		2000	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)	3.620	4500	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofuturenergies.com)		4000	
			Aditya Green Energy	9B, Near Community Hall, New Adarsh Colony, Latur-413531, MAHARASHTRA	Jayesh G. Bajaj	+91 9890048748 (adityagreenenergy@rediffmail.com)		3000	
20	Manipur	279.000					2.840		
21	Meghalaya	490.500							

FINAL LIST OF SUCCESSFUL BIDDERS/DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)

S. No	Name of the State/UT/Island	Proposed Capacity of the State/UT/Island (in kWp)	Name of the Successful Bidder/Developer	Address of the Successful Bidder/Developer	Contact Person	Contact Details	Tariff per kWh (in INR)	Allocated Capacity (in kWp)	Remarks
22	Mizoram	241.200					2.980		
23	Nagaland	1334.700							
24	Odisha	14290.200	RMS Automation Systems Limited	C-138, Naraina Industrial Area, Phase-I, New Delhi-110028	Arun Kumar Khanna / Dhananjay Singh	+91 9811055625 / +91 9811594879 (dhananjay@rmsautomation.com / rms@rmsautomation.com)	3.620	1700	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.in)		4287.060	
25	Pondicherry	304.200							
26	Punjab	14693.400	Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.in)	3.320	4408.02	
27	Rajasthan	23626.800	Horizon Renewable Power Pvt. Limited	910, Prakash Deep Building, 7 Tolstoy Marg, New Delhi-110001	Amit Anil	+91 9599051367 (amitanil@horizonrenewablepower.com)	3.190	100	
			Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)		4000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.in)		7088.040	
28	Sikkim	210.600							
29	Tamil Nadu	24244.200	Myrah Energy Pvt. Limited	8001, Q-City, S. No. 109, Gachibowli, Hyderabad-500032, TELANGANA	Kumar Dipankar	+91 9006298693 (kumar.dipankar@myrah.com)	4.169	6221	
			Rays Power Infra Pvt. Limited	D-43, Janpath, Shivam Nagar, Jaipur-302019, RAJASTHAN	Arpit Kulshrestha	+91 141 4038767 (arpit@rayspowerinfra.com)		3163.000	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		3500	
			Solar Quest LLP	Shop No. 1, Door No. 11, Palliappan Street, Sowcarpet, Chennai-600079, TAMIL NADU	Tamilvanan Vilvam	+91 9566546608 (tamilvanan@solarquest.in)		2000	
30	Telangana	23602.500	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (initturnkeyprojects@gmail.com)	3.140	1000	
			Fourth Partner Energy Pvt. Limited	Fourth Partner House, Plot No. N46, H. No. 4-9-10, HMT Nagar, Hyderabad-500076, TELANGANA	M Srinivasa Reddy	+91 40 64631123 (info@fourthpartner.co)		2000	
31	Tripura	1050.300	Suryam International Pvt. Limited	2nd Line, Gandhinagar, Berhampur-760001, ODISHA	K Manoj Reddy	+91 7205420604 (project.manojreddy@gmail.com)	2.740	315.090	

FINAL LIST OF SUCCESSFUL BIDDERS/ DEVELOPERS UNDER RESCO MODEL (PART-B)

Implementation of 1000MW Grid Connected Roof Top Solar PV System Scheme for Government Buildings in Different States/ Union Territory of India for 500MW Identified Capacity under CAPEX/ RESCO Model (PHASE - I)

S. No	Name of the State/ UT/ Island	Proposed Capacity of the State/ UT/ Island (in kWp)	Name of the Successful Bidder/ Developer	Address of the Successful Bidder/ Developer	Contact Person	Contact Details	Tariff per kWh (in INR)	Allocated Capacity (in kWp)	Remarks
32	Uttar Pradesh	37491.300	Sudhir Power Limited	Plot No. 1, Sector-34, EHTP, Gurgaon-122001, HARYANA	Ajay Bhutani	+91 9818253464 (ajaybhutani@sudhirpower.com)	3.910	5000	
			Expotec International Pvt. Limited	Logix Techno Park, Tower-C, Ground Floor, Plot 4 & 5, Sector-127, Noida-201301, UTTAR PRADESH	Manoj Kumar	+91 9911778312 (info@expotecintl.com / almas@expotecintl.com)		4000	
			Hero Future Energies Limited	202, Third Floor, Okhla Industrial Estate, Phase-III, New Delhi-110020	Rohit Saini	+91 9971066443 (rohit.saini@herofutureenergies.com)		2000	
			Renew Solar Energy Pvt. Limited	10th Floor, DLF Square Building, Jacaranda Marg, DLF Phase 2, Gurgaon-122002, HARYANA	Prabhat Kumar Mishra	+91 981024525 (bidding.ds@renewpower.in)		2300	
			Cleanmax Enviro Energy Solutions Pvt. Limited	512A, ILD Trade Centre, Sohna Road, Sector-47, Gurgaon-122018, HARYANA	Randeep Bora	+91 9910084922 (randeep_bora@cleanmaxsolar.com)		4500	
			HFM Solar Pvt. Limited	1506, Hemkunt Tower, 98 Nehru Place, New Delhi-110019	Dharmendra Jain	+91 11 26293824 (solarpower@hfmgroup.net)		2000.000	
			Sunsource Energy Pvt. Limited	B-14, Sector-132, Noida-201301, UTTAR PRADESH	Adarsh Das	+91 120 6500409 (contact@sunsource-energy.com)		3000.000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		10946.300	
			ITI Limited	Naini Plant, Naini, Allahabad-211011, UTTAR PRADESH	Pradeep Pandey	+91 532 2687481 / 08 (ppandey_nni@itiltd.co.in)		10000.000	
			Rays Power Infra Pvt. Limited	D-43, Janpath, Shyam Nagar, Jaipur-302019, RAJASTHAN	Arpit Kulshrestha	+91 141 4038767 (arpiit@rayspowerinfra.com)		4753.000	
33	Uttarakhand	9018.900	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (imiturkeyprojects@gmail.com)	2.380	500	
			Rays Power Infra Pvt. Limited	D-43, Janpath, Shyam Nagar, Jaipur-302019, RAJASTHAN	Arpit Kulshrestha	+91 141 4038767 (arpiit@rayspowerinfra.com)		916	
			Silver Star Solar Pvt. Limited	Fiat No. 303, Ganga Block, G-3, Sector-D, Pocket-6, Vasant Kunj, New Delhi-110070	Rajat Surey	9910160271 (rajat.s@fabercapital.com)		425.000	
34	West Bengal	18342.900	Ishwar Cables Pvt. Limited	F - 661, Road No. 9F-2, Vishwakarma Industrial Area, Jaipur-302013, RAJASTHAN	Arun Kumar / Jitendra Kumar	+91 8130841685 / +91 8742082000 (imiturkeyprojects@gmail.com)	3.620	1000	
			Azure Power Rooftop One Pvt. Limited	3rd Floor, Asset 301-304, Worldmark 3, Aerocity, New Delhi - 110037	Gaurang Sethi	+91 11 49409880 (bd.rooftop@azurepower.com)		5502.870	
TOTAL		455030.100						205957.540	

Jyoti
01/02/2024