

Expression of Interest - RESCO IV

Attention: Government/ Semi-Government/ Social/ Autonomous Bodies/ Commercial and Industrial users are invited to express their interest to avail the benefit of cheap electricity from Solar systems installed with **Zero upfront investment** through a Renewable Energy Service Company (“RESCO”) model.

Why solar rooftop systems?

The cost of solar energy is almost 30% to 70% cheaper than the energy from power utility. Solar is a reliable source of power for offices, industries, educational institutes and any other type of building that consumes power during daytime. Any unused rooftop or ground space can be utilized for installing Solar systems. Additionally, solar energy contributes in decreasing the carbon emissions.

From a 50 kW Solar System...

65,700 unit ¹	energy is produced annually...
INR 2 Lakh ²	would be saved annually in electricity costs...
500 sq. mt.	of shadow free space is required...
64,000 tons	of CO ₂ emission is avoided...
10.8 Lakh	fully grown trees equivalent contribution to the environment...

Why RESCO model?

The challenge of incurring upfront investment can be addressed by RESCO (Renewable Energy Service Company) model. Under this, consumer doesn't have to incur any upfront investment. The project is built by a RESCO developer. It would install, operate and maintain the rooftop solar power plant for the entire project life i.e., 25 years. The developer would sell the solar power produced from rooftop system at a tariff discovered through transparent competitive bidding followed by reverse auction.

Why through MPUVNL?

MPUVNL is a State Nodal Agency responsible for development and growth of renewable energy in Madhya Pradesh since 1982. It is Government of Madhya Pradesh undertaking. It has achieved remarkable success on RESCO mode programs over last 3 years. Its programs

- attracted **33** international and domestic bidders, who oversubscribed tenders by more than **630%**
- discovered RESCO tariffs at **60% - 80% discount** than the tariffs of power utility
- benefitted **250+ consumers** with project capacity of **20,000 kW**

¹ Actual generation may be more than this

² May increase or decrease based on the tariff discovered after the bid process

Some of our esteemed beneficiaries are listed as below:

S.No.	Name of the institute / dept.	Sites	Capacity (kW)
1	Colleges under Dept of Higher Education	125	2273
2	Govt. Medical Colleges under Dept. of Medical Education	13	5500
3	Institutions of Central Govt. & National Importance	9	3130
4	Institutions of State Govt.	7	480
5	Govt. Universities	12	4980
6	MP Police Establishments	28	467
7	Govt. Engineering/ Poly-Technic/ ITI Colleges	57	1387
8	Municipal Corporations/ Nagar Palika Parisad	2	1062
9	Power Grid Corporation Ltd.	7	743
10	Private Institutes	5	1540
Total		265	21562

MPUVN has executed large number of projects across the length and breadth of the State for various Central and State Government institutions like Police Dept, Technical and Medical Education Institutes, Sports Authority of India, Supreme Audit Institution of India, Law University, Defense Establishments, Colleges Under Dept of Higher Education and Nagar Palika Parisad.

Numerous policies, contractual and procedural innovations by MPUVN greatly reduce the risk profile of RESCO projects. It enables more informed bid participation. MPUVNL has its officers deputed in all districts of MP. MPUVN is recognized by international organization like World Bank and International Solar Alliance (ISA). It was invited by the World Bank for driving growth of solar rooftops in India and by ISA for West Africa, Ghana and Guinea.

How to join in RESCO IV program of MPUVN?

If your organization is keen to benefit from solar rooftops without making any investment, MPUVN would help you in achieving it. Please express your interest to MPUVN by submitting filled copies of annexure 1 & 2 attached herewith by 1500 hrs on 15/08/2020.

Submission can be made in person at MPUVN's office or mailed at the email id provided in the table below. MPUVNL will appropriately select the beneficiaries for its upcoming program of RESCO IV to select project developers. This information would be used to improve understanding of prospective bidders to help them in quoting competitive tariff.

Address for Submission	For any clarifications, contact
Mr. Shrikant Deshmukh Superintending Engineer, Urja Bhawan Link Road No. 2, Shivaji Nagar, Bhopal – 462016; Contact No. 0755-2553595	Mr. Tarun Swrup AE, MPUVN Contact No. 8823049499 Email: resco4.mpuvn@gmail.com

Annexure – I

About the project beneficiary

Name of the Institution		
Name of the parent entity		
Contact Person	Name:	
	Designation:	
	Email id:	
	Mobile No.:	
Nature of Institution (Tick appropriate, if other, state the nature)	Govt. / Semi Govt. / PSU	
	Private	
	Society/Trust	
	Other:	_____
Address of the Site		
Location (upto 5 decimal places ³)	Latitude	Longitude
Approx. Shadow Free Area ⁴ for Solar System	Rooftop Space (sq. mt.)	Ground Space (sq. mt.)
<i>Optional:</i> Photographs of the site	We have shared _____ number of photographs with our email-id _____ at resco4.mpuvn@gmail.com	
Electricity Bills of Last 6 months (Tick if emailed or if hard copy is submitted)	Month & Year	Submitted
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
Details on financial health (Tick if emailed or if hard copy is submitted)	For Government Dept.	
	Document indicating annual budgetary allocation from government dept. for electricity bills	<input type="checkbox"/>
	For Others	
	Recent Balance Sheet, Profit & Loss statement	<input type="checkbox"/>
	Any document indicating financial health as certified by CA	<input type="checkbox"/>
	CIBIL / NAAC Rating	<input type="checkbox"/>
Report by any credit rating agency	<input type="checkbox"/>	

³ Open Google Maps on your device. Drop a pointer on the site by long pressing on the designated location on your device. Google Maps will display the latitude and longitude for that location.

⁴ Area that is free from any shadow whatsoever during the entire duration of the day especially between 8 – 9 am and 5 – 6 pm

Annexure – II

Consent Form

We express our consent to participate in MPUVN's solar rooftop program under RESCO model to benefit from cost effective solar energy as compared to grid energy.

We confirm that:

1. We will provide sufficient space for the solar system
2. We have shared the copy of last 6 months of electricity bills for all the connections within the premises
3. We will clear outstanding bills (if any) with the power utility
4. We will provide security for payment to the RESCO developer, as advised by MPUVNL, which is the nodal agency for implementing solar systems in Madhya Pradesh.

Name & Designation of the Authorized Signatory

On behalf of

Name of the Organization / Institute with the seal

Signature & Date