

FORM IV**(Refer regulation 7(2))****Bureau of Energy Efficiency****REGISTER CONTAINING NAMES OF OFFICES AND FIRMS OF ACCREDITED ENERGY AUDITORS**

Serial Number (AEA - 0073)		As on:- 26 February, 2013	
A.			
1	Name of accredited energy auditor	Dipak Khandare	
2	Father's name	Vijay Khandare	
3	Date of certification as Energy Manager	2 nd November 2006	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	November 2006	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA - 2046	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	1348	
7	Date of issue of accreditation certificate	(to be filled by BEE)	
B.	Information in respect of trade name or firms' name		

8	Trade name / firms name under which energy audit is proposed to be conducted	Idam Infrastructure Advisory Pvt. Ltd
9	Date of accreditation as an accredited energy auditor	(to be filled by BEE)
10	Type of firm/ private/ Government / NGO etc.	Private

11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Mr Balawant Joshi Managing Director Quest Coworks Pvt. Ltd., Technopolis Knowledge Park, 5th Floor, Mahakali Caves Road, Chakala, Andheri East, Mumbai – 400 093
12	Professional postal address with Pin Code of the accredited energy auditor	302 Morya Heights, Plot No 15 to 17 Sector 18, Kharghar, Navi Mumbai Pin 410210
13	E-mail address	Dipak.khandare@idaminfra.com dipak_khandare@yahoo.com
14	Telephone numbers . with STD Code (R) (O) Mobile no:	(M) +91 9594932501 +91 9594932512
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	2007
16	Year of commencement of energy audit of the firm	2007
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	ISO 9001:2015 (Quality Management System)

18	<p>No. of branch offices</p> <p>(List of complete addresses including heads of all branch offices with telephone, fax and email addresses)</p>	<ul style="list-style-type: none"> • Delhi Awfis Spaceat Awfis, L-29 to L-34, 1st Floor, Caught Place New Delhi- 110 001 • Kolkata Awfis, Godrej Waterside, 12th Floor, Tower -II, DP-5 DP Block, Sector V, Salt Lake Kolkata – 700 091 • Pune 1st Floor, Teerth Techospace Banglore-Mumbai High Way Baner, Pune – 411 045 • Hyderabad House No 3-51, Flat No 201, Abhishek Towers Balanagar, Hydrabad 500 042
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C	Details of Associated Energy Experts	
19	Number of resource persons available	05
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	03
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor /energy auditor’s firms.	--

	<p>CVs of all the full-time Energy Auditors with their Names, Contact address and energy audited Sectors</p> <p>❖ Present Employer for all full time Energy Auditor Idam Infrastructure Advisory Pvt. Ltd</p>
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❖ **Contact address for all full-time energy auditors: -**

Quest Coworks Pvt. Ltd.,
Technopolis Knowledge Park,
5th Floor,
Mahakali Caves Road,
Chakala, Andheri East,
Mumbai – 400 093

❖ **Brief CVs of all full-time energy auditors: -**

● **Rajiv Shukla**

Executive Director
Idam Infrastructure Advisory Ltd.
Accredited Energy Auditor (AEA- 0056)
Certified Energy Auditor (EA-2580)

Professional Education

- Bachelor of Technology (Chemical Engineering) (2000)

Total work experience-- 23 yrs

- Increasing Energy Efficiency (EE) Loan Pipeline of PRGFEE FIs through EE improvements in MSME units under IFC-EU Partnership for Eco-Cities in India Program.
- MEA at Meghalaya Cement
- Energy Audit at Haldia Dock Complex
- Rejuvenation of Knowledge Exchange Platform & Offshore Wind- IE01 for UKFCDO/ KPMG
- Industrial Energy Efficiency and Decarbonisation Knowledge and Technology Partnerships for UKFCDO/ KPMG
- Development of Comprehensive EE policy for the state of Rajasthan and Karnataka
- Support to State Distribution Utility of Maharashtra, Tamil Nadu and Uttarakhand in conducting load research and preparation of DSM Action Plan.
- Development of Solar Rooftop Technical Assistance Plan for Eight States (Andhra Pradesh, Telangana, Maharashtra, West Bengal, Assam, Uttar Pradesh, Haryana, Punjab)
- Sustainable Partnership for Rooftop Solar Acceleration in Bharat (SUPRABHA) Technical Assistance Program
- Development of Regulatory Framework for Mini-Grids and Off-Grids
- ADB Solar Rooftop Investment Technical Assistance Program
- World Bank-SBI Grid Connected Solar Rooftop PV (GRPV) TA Program
- USAID PACE-D Technical Assistance Program

	<ul style="list-style-type: none"> • Market Assessment Activities and Demand Aggregation for Solar PV Technology in Auto and Auto Ancillary SMEs in Maharashtra and Tamil Nadu • Consultancy Services for Optimal Sizing and Siting of Battery Energy Storage System in NDMC Distribution Licensee Area • Support Forum of Regulators (FoR) in updating of Model Net-Metering Regulations for CERC/FoR as part of WB_SBI TA program <p>Sector Covered in Energy Audit studies</p> <ul style="list-style-type: none"> • Building, Port Authority • Cement • MSME
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21	Sectors in which the energy auditor/energy audit firm has conducted energy audits since inception	Buildings, Aluminium, Cement, Textile, Power Plants, Pulp, Fibre, Chemicals, Carbon Black, Fertilizer, Copper (Non-ferrous metals), Insulators, Mining, DISCOMs
22	Subject wise expertise	<p><u>Electrical Utilities –</u></p> <p>Detailed analysis of</p> <ul style="list-style-type: none"> • Tariff Analysis – Effective utilization of ToD. • Contract Demand Rationalization • Distribution network from optimizing at best efficiency point • Electric Motor (HT & LT) • Transformers • Illumination • Thermography • Power Quality Study • Power System Studies using ETAP software (Like:- Load flow, Harmonic, Short circuit, Device duty analysis and Relay coordination) • DG set • Pumps • Fans & Blowers • Cooling towers • Air compressor • Refrigeration and air conditioning <p><u>Thermal Utilities</u></p> <p>Detail analysis of</p>

		<ul style="list-style-type: none"> • Boiler • Furnace • Waste heat recovery • Steam system • Heat exchangers • Steam and gas turbine
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(a)	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil. Bureau of Energy Efficiency will be calling for detailed information in case agency has listed its energy audit expertise in the process systems	Nil	
(b)	Energy audit thermal utility system (list sectors)	Aluminium, Power Plants, Pulp, Fibre, Chemicals, Carbon Black, Fertilizer, Copper (Non ferrous material), Insulators, Mining	
(c)	Energy audit electrical utility system (list sectors)	Aluminium, Cement, Textile, Power Plants, Pulp, Fibre, Chemicals, Carbon Black, Fertilizer, Copper (Non ferrous material), Insulators, Mining, Buildings, DISCOM	
23	Instruments available	Calibration certificates have been attached	
	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> • Three Phase Power Analyzer with accessories (CT: MN Probe 3 nos & Amflex 3 nos / PT: 4 nos / Charger: 1 no.) • Single Phase Power Analyzer • Lux Meter 	
	(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> • Anemometer (Digital) • Thermometer & Humidity Meter • Infrared & K-Type Thermometer • Ultrasonic Flowmeter with accessories (Medium type Transducers: 1 Pair, Small type Transducers: 1 Pair, Charger: 1 no.) 	
24	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	Sectoral Workshop – 04 Numbers on Industrial Decarbonisation – Iron & Steel, Cement, Aluminium, Textile	FY 2022-23

		Round Table Conference on Circular Economy in Aluminium and Cement Sector	FY 2023- 24
		Sectoral Workshops on RE for MSEMs	FY 2022-23
	<ul style="list-style-type: none"> • We have carried out Energy Audits at various plants in India • We are conducting number of capacity-building programs on latest topics on Energy Conservation/ Reliability • Having experience in using High End Software for in-depth analysis of Electrical and Thermal Energy like ETAP, HTRI, MathCad, etc. • Capacity Development of each individual auditor is being done on a regular basis. 		
D	Remarks(if any) – NA		

(Note: Responsibility of the authenticity of the above information rests with the concerned energy auditor/energy auditing agency.)