



Energy Management Centre - Kerala
(Department of Power, Govt of Kerala)

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s TQ Services** – A Division of Tata Projects Limited, (2nd Floor, Varun Towers – 1, Begumpet, Hyderabad - 500 016) is empanelled as Energy Audit firm in Energy Management Centre Kerala to conduct mandatory energy audit as per Government of Kerala G.O (Rt) No.2/2011/PD dated 01.01.2011.*

Empanelment No:

EMCEEA- 0311F-1

Scope/Area	Building	Industry -Electrical	Industry Thermal
	Yes	Yes	Yes

This empanelment is valid up to 31st August 2017

Issuing Date: 05/11/2014

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

Information of firm

1.	Name & address of the firm	TQ Services A Division of Tata Projects Limited. 2nd floor, Varun towers 1 Begum pet, Hyderabad 500016
	Office(with STD)	+ 91 040- 67258800
	Mobile	09948436678
	Fax number	+ 91 040 – 66318806
2.	Website (if any)	www.tataprojects.com
3.	Email address	t p l q s @ t a t a p r o j e c t s . c o m
4.	Name, Designation and address of Contact person	K.K. Gupta - ExVP & Business Head TQ Services a division of Tata Projects Limited 2 nd Floor, Varun Towers – 1, Begumpet, Hyderabad Pincode – 500 016
5.	Office(with STD)	+ 91 040-67258800
	Residence(with STD)	+ 91 040-66173581
	Mobile	09948436678
6.	Email address	t p l q s @ t a t a p r o j e c t s . c o m
7.	Year of establishment	1979
8.	Year of commencement of energy audit by the firm.	December 2010
9.	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	15 branch offices, list enclosed – As per Annexure – 1

Details of Associated Energy Experts and Audits Conducted by firm

1.	Number of resource persons available		10 Nos
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm		03 Nos
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.		07 Nos
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector		Building-12 Process Industries- 2 Chemical-1 Power Generation-2 Mines-1 Transmission and Distribution-1 Fabrication and Manufacturing-1
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.		As per Above
6.	Energy audit of thermal utility system (list sectors)		Process, Power Generation, Chemical
7.	Energy audit of electrical utility system (list sectors)		Process, Thermal Power Plant, Chemical, Fabrication and Manufacturing and Commercial Building.
8.	Instruments available	(a) Electrical (list the name of the instruments)	Digit Multi Meter Digital Multi Meter Clamp On Multi Meter Power Analyzer Clamp on Meter True RMS Power Meter Lux Meter Digital Lux Meter
		(b) Thermal (list the name of the instruments)	Humidity Meter Ultrasonic Leak Detector Digital Thermometer Control & Sys. Anemometer Sound Level Meter Gas analyzer Ultrasonic Flow Meter Manometer

*Bio data of Certified Energy Auditor				
1	Name of energy auditor	K V S N Rao		
2.	Qualifications.	B. E (Electrical)		
3.	Experience. (use additional sheet if required)	20 Years		
4.	Residence(with STD)	0891 – 2746070		
5.	Mobile	07661062060		
6	Email address	narayanraokvs@tataprojects.om		
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	24 Feb '2009		
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Nov'2008		
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-9064		
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	No. 4192		
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No		
Remarks(if any)--Nil				

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Hyderabad
Name: K. Venkata Sai Narayana Rao
Designation: Sr Manager.
Signature

*Bio data of Consultants			
1	Name of energy auditor	Milind V Khati	
2.	Qualifications.	MIE (Electrical), C. Eng	
3.	Experience. (use additional sheet if required)	20 Years	
4.	Residence(with STD)	022 – 25861161	
5.	Mobile	9820521053	
6	Email address	mvkhati@tataprojects.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	18/02/2008 (Energy Manager) 24/02/2009 (Energy Auditor)	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	24/02/2009	
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)	EA – 8531	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	2841 4141	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No	
Remarks(if any)--Nil			

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Mumbai

Name: Milind V Khati

Designation: Asst. General Manager.

Signature

*Bio data of Consultants			
1	Name of energy auditor	Venkata Siva Rama Krishna Puppala	attach photo here
2.	Qualifications.	BE (Electrical)	
3.	Experience. (use additional sheet if required)	For Detail PI refer attached CVs	
4.	Residence(with STD)	-	
5.	Mobile	09490835145	
6	Email address	ramakrishnapvs@tataprojects.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Sep'2012	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	Sep'2012	
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-14476	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-14476	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No	
Remarks(if any)--Nil			

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Vizag

Name: Venkata Siva Rama Krishna Puppala

Designation: Manager.

Signature

*Bio data of Consultants			
1	Name of energy auditor	I V R KUMAR	attach photo here
2.	Qualifications.	B.E. (Electrical & Electronics)	
3.	Experience. (use additional sheet if required)	28+	
4.	Residence(with STD)		
5.	Mobile	+91 94400 53323	
6	Email address	ivramesh@yahoo.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	6th April 2005	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"		
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-0628	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-0628	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	Yes 26 th Feb'2013 AEA 0064	
Remarks(if any)--Nil			

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Hyderabad
Name: I V R KUMAR
Designation: Accredited Energy auditor.
Signature

*Bio data of Consultants		
1	Name of energy auditor	Ankem Rama Mohan Rao
2.	Qualifications.	BE, MIE,.
3.	Experience. (use additional sheet if required)	35+
4.	Residence(with STD)	040 – 27643078
5.	Mobile	9246379174
6	Email address	ankem_kriti@yahoo.co.in
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	2005 Energy auditor
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	2005
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-3591
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	EA-3591
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No.
Remarks(if any)--Nil		

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Hyderabad

Name: Ankem Rama Mohan Rao

Designation: Energy auditor.

Signature

:

*Bio data of Consultants			
1	Name of energy auditor	G. Harihara Iyer	attach photo here
2.	Qualifications.	1. AMIE Mining Engg	
3.	Experience. (use additional sheet if required)	45 Years – industrial / Mining 6 years Energy Audit	
4.	Residence(with STD)		
5.	Mobile	09337847958/09701810908	
6	Email address	harihara.iyer@gmail.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	2006	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	2006	
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-1341	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	EA-1341	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No	
Remarks(if any)--Nil			

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Hyderabad
Name: G. Harihara Iyer
Designation: Energy auditor.
Signature

*Bio data of Consultants			
1	Name of energy auditor	T N S Narayanan	attach photo here
2.	Qualifications.	BTech Electrical	
3.	Experience. (use additional sheet if required)	Attached	
4.	Residence(with STD)	040 – 27643078	
5.	Mobile	9388732355	
6	Email address	tnsnarayanan@yahoo.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	2008 Energy auditor, 2006 energy manager	
8	Date of passing the examination in “Energy Performance Assessment for Equipment and Utility Systems”	2008	
9	Examination Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems” (In case of Certified Energy Auditor, please write CEA Registration No.)	EA 4187	
10	Certificate Registration Number of (i) Energy Manager (ii) “Energy Performance Assessment for Equipment and Utility Systems”	EA 4187	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No.	
Remarks(if any)--Nil			

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Hyderabad
Name: T N S Narayanan
Designation: Energy auditor.
Signature

*Bio data of Consultants			
1	Name of energy auditor	RajaramanSwaminathan	attach photo here
2.	Qualifications.	B.Tech (Chemical Engg.	
3.	Experience. (use additional sheet if required)	Attached	
4.	Residence(with STD)	022-29792469	
5.	Mobile	9821343397	
6	Email address	rswami84@yahoo.com	
7	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	Energy Auditor 2007	
8	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	2007	
9	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA 2048	
10	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA 2048	
11	Are you a BEE accredited Energy auditor. If so: Date of accreditation Accreditation No.	No.	
Remarks(if any)--Nil			

*please attach bio data of all auditors/managers of your firm.

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Mumbai

Name: Rajaraman Swaminathan

Designation: Energy auditor.

Signature