


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

Serial Number (AEA- 0106)		As on-(26/11/2013)	
A.			
1	Name of accredited energy auditor	Virendra Raghuram (R.VIRENDRA)	
2	Father's name	B.T.Raghuram Reddy	
3	Date of certification as Energy Manager	06.11.2006	
4	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	April 2006	
5	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-5853	
6	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	No.1970	
7	Date of issue of accreditation certificate (<i>to be filled by BEE</i>)		
B. Information in respect of trade name or firms' name			
8	Trade name / firms name under which energy audit is proposed to be conducted	National Productivity Council 10-E, Gaganvihar, M.J.Road, Hyderabad – 500 001	
9	Date of accreditation as accredited energy auditor (<i>to be filled by BEE</i>)		

10	Type of firm/ private/ Government / NGO etc.	GOVERNMENT
11	Name of contact person along with designation, address, telephone, mobile and fax number along with STD codes and email address (All details compulsory)	Director General, presently, Dr.S.K.Chakravorty, Dy.Director General Utpadakta Bhavan, 5-6 Institutional Area, Lodhi Road New Delhi – 110 003 Phone: 011-24690331; Fax: 011-24615002 Email: sk.chakraborty@npcindia.gov.in
12	Professional postal address with Pin Code of the accredited energy auditor	National Productivity Council, 10-E, Gaganvihar, M.J.Road Hyderabad – 500 001
13	E-mail address	npc.ap@nic.in
14	Telephone numbers . with STD Code (R) (O) Mobile no:	040-27173528 040-24733473 0-9705540081
15	Year of establishment of the trade name / firms' name for undertaking the energy audit	1958 as National Productivity Council, under Societies Act, under Ministry of Commerce & Industry, Govt. of India
16	Year of commencement of energy audit of the firm	1976
17	Whether any certificate to support the excellence in the system has been obtained (ISO etc.)	YES (ISO 9001:2008); NPCs Hyderabad Regional Professional Management Group
18	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	One (1) Head Quarters at New Delhi One (1) Training Institute (Dr.Ambedkar Institute of Productivity at Chennai Thirteen (13) Regional Directorates List of all NPC Offices with addresses, Names of Heads, Telephone Fax and Email–appended as Annexure-1)

C	Details of Associated Energy Experts	
19	Number of resource persons available	110 (Consultants)
20	I. Number. of full-time energy auditors in position with work experience of all energy auditors associated with the firm	40 Energy Auditors/Consultants) List (along with brief CVs)–appended as Annexure-2)
	II. No. of part-time energy auditors in position during the current year / previous year associated with the energy auditor / energy auditor’s firms.	About 6
21	Sectors in which the energy auditor/ energy audit firm has conducted energy audits since inception	See List appended as Annexure-3
22	Subject wise expertise	See List appended as Annexure-4
(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	See List appended as Annexure-5
(b)	Energy audits in thermal utility systems (list sectors)	See List appended as Annexure-6
(c)	Energy audit electrical utility system (list sectors)	See List appended as Annexure-7
23	Instruments available	See List appended as Annexure-8
	(a) Electrical (list the name of the instruments)	See List appended as Annexure-9
	(b) Thermal (list the name of the instruments)	See List appended as Annexure-10
24 (i)	Details of training programme/ seminars/ workshops conducted during the last 3 years in the field of energy efficiency / energy audit	See List appended as Annexure-11

(ii)			
(iii)			

D	Remarks(if any)
	<ul style="list-style-type: none"> • Have 33 years of experience in Energy Auditing, Conservation and Management. • Was `Controller of Examinations' and Head of Dr.Ambedkar Institute of Productivity, NPC, Chennai, which conducts the Energy Managers/Energy Auditors National Certification Examinations on behalf of Bureau of Energy Efficiency, New Delhi

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

Annexure-1

S. No.	Name / Email Id	Mobile Number	Telephone Nos.	
			Office	Fax
	S/Shri/Ms.			
1.	Shri N.C.VASUDEVAN, DG nc.vasudevan@npcindia.org	0-98109-09373	011-24618480	011-24616579
2.	Dr.S.K.Chakravorty, DDG sk.chakraborty@npcindia.org	0-98181-64852	011-24607330	011-24698138
	Mrs.Sunitha Sharma, P.S. to DDG	--	011-24607318	011-24698138
3.	G.S.Krishnan, Secretary & GH (IT) gs.krishnan@npcindia.org	0-98713-23211	011-24607350	011-24615002
4.	A.K.Sinha, GH (EM) sinhaak_2157@yahoo.co.in ak.sinha@npcindia.gov.in	0-96548-77750	011-24607311	011-24615002
5.	Subrata Pal, GH (PM & LMC) nmiu.npc@gmail.com , jaysuin@yahoo.com	0-99538-50301	011-24607316	011-24615002
6.	Siddharth Sharma, GH (Agri.Busi.) siddharth.sharma@npcindia.org	0-98104-66101	011-24607346	011-24615002
7.	M.J.Pervez, GH (Env.) mj.parvez@npcindia.org	0-98106-00175	011-2460-7313	011-24615002
8.	A.K.Dhar, GH (Fin. & TM) ak.dhar@npcindia.org	0-98713-23213	011-2460-7334	011-2461-5002
9.	Manoj Saxena, GH (PA,IS&T) manoj.saxena@npcindia.org	0-98106-90787	011-2460-7343	011-2461-5002
10.	K.P.Sunny, GH (ES & SS) kp.sunny@npcindia.org	0-9811045547	011-24607371	011-24615002

11.	Rajesh Sund, DD (ES) rajesh.sund@npcindia.org	0-98668-31564	011-24607303	011-24615002
12.	A.B.Sahay, GH (ED)	0-98685-31654	011-2460-7332	011-2461-5002
13.	S.P.Tripathi, GH (HRM) sp.tripathi@npcindia.org	0-98984-66668	011-24607338	011-2461-5002
14.	Sourav Sarkar-Asst.Director (HRM) sourav.sarkar@npcindia.org	0-92507-76183	011-2460-7336	011-2461-5002
15.	Mr.V.K.Jha, Jr.Asst. (Leave Record)	0-99110-68363	011-2569-0331	011-24615002
16.	http://202.138.97.113 www.npcindia.gov.in (IP Address)			
17.	Reliance Customer Care Nos. netconnect.broadband@reliance.ada.com	1800-3000-5555	Lakdikapul 040-3241-4344	011-24615002

13 REGIONAL DIRECTORATES OF NATIONAL PRODUCTIVITY COUNCIL

S. No.	Name / Email Id	Mobile Number	Telephone Nos.	
			Office	Fax
	S/Shri/Ms.			
1.	M.L.Suryaprakash, H-RPMG, B'lore ml.suryaprakash@npcindia.org / bngnpc@gmail.com (frm.25.6.12)	0-99005-79948	080-2559-2240 / 2532-1659	080-2559-2372
2.	H.R.Prabhu, Director, RPMG, B'lore bngnpc@gmail.com (from 25.6.12 onwards)	0-94493-51183	080-2559-2240 / 2532-1659	080-2559-2372
3.	P.R.Upadhyay, H-RPMG, Bhopal npcbhopal@airtelmail.in	0-8989003817	0755-246-6537	0755-246-6537
4.	R.K.Padhy, H-RPMG, Bhubaneswar npcbbsr1@dataone.in / npcbbs@bsnl.in	0-94371-06958	0674-239-732 / 239-7381	0674-239-7380
5.	P.Dharmalingam, H-RPMG & AIP npc.chn@gmail.com	0-94441-77914	044-26245629/ 26251808/ 26255216	044-26254904 / 26255012
6.	J.Nagesh Kumar Director, AIP, Chennai	0-94448-82553	044-26251808 / 26255216	044-26254904 / 26255012
7.	S.Shivakumar, Head-Chennai sampath.mukunthan@yahoo.co.in	0-9444121288	044-2625-2467 / 2625-3144	044-2625-3122
8.	S.Mukunthan, Director, Chennai sampath.mukunthan@yahoo.co.in	0-99402-26819	044-2625-2467 / 2625-3144	044-2625-3122
9.	H.R.Jindal, Director-AIP-Chennai hr.jindal@npcindia.org / aipnpc@vsnl.com /	0-9447-96802 / 044-2625-5216	044-2625-1808	044-2625-4904 / 2625-5012

draipnpc@gmail.com			
--	--	--	--

S. No.	Name / Email Id	Mobile Number	Telephone Nos.	
			Office	Fax
	S/Shri/Ms.			
10.	J.Aggrawal, H-RPMG-Chandigarh npc-chd@chd.nic.in	0-98713-23220 / 0-97803-86821	0172-279-4108 / 279-4110	0172-279-4109
11.	Shrish Palliwal, DD & Head RPMG, Gandhinagar shrish.paliwal@npcindia.org / gandhinagar@npcindia.gov.in	0-98242-67246	079-2328-7344 / 2328-7345	079-2328-7344
12.	Anjan Thakur, H-RPMG-Guwahati npcghy@satyam.net.in / thakur_anjan1@yahoo.com	0-98640-26823 / 0-97062-81294	0361-245-0160 / 245-3396 / 245-1896	0361-245-0160
13.	R.Virendra, H-RPMG, Hyderabad r.virendra@npcindia.org	9849456352 / 0-99400-21490 / 0-95662-05991	040-24733473 / 24655088	040-2460-6981
14.	K.V.R.Raju, Director rajuorama@gmail.com / kvr.raju@npcindia.org	0-98188-24667	040-2473-3473	040-2560-6981
15.	Mukesh Singh, DD, RPMG-Jaipur mukeshsingh999@yahoo.com mukesh.singh@npcindia.gov.in	0-94143-87196	0141-270-2935 / 270-3573	0141-270-2935 / 270-3573
16.	Dr.R.D.Mishra, H-RPMG, Kanpur npckanpur@sancharnet.in / mishranpc@indiatimes.com	0-94154-74544	0512-224176 / 222-4860	0512-222-4177
17.	P.S.Bajpai, Director, RPMG, Kanpur premshankar_bajpai@rediffmail.com	0-98391-97113	0512-224176 / 222-4860	0512-222-4177
18.		0-98308-92627	033-2287-0269 / 6069 / 3116	033-2287-3919
19.	Dr.S.Biswas, Director, RPMG Kolkata s.biswas@npcindia.org / npckol@dataone.in	0-98318-40613	033-2287-0269 / 6069 / 3116	033-2287-3919
20.	S.B.Sadananda, H-RPMG, Mumbai sb.sadananda@npcindia.org / npcmum@vsnl.net / npcmumbai@mtnl.net	0-98922-78935	022-2307-1322 / 2300-2924	022-2307-3323

S. No.	Name / Email Id	Mobile Number	Telephone Nos.	
			Office	Fax
	S/Shri/Ms.			
21.	T.Sankaranarayanan, Director RPMG-Mumbai dp.majumdar@npcindia.org	0-94239-84975	022-2307-1322 / 2300-2924	022-2307-3323
22.	_____H-RPMG-Patna npcpat@sifi.com	0-94316-85527	0612-257-2311	0612-257-2577
23.	A.K.Singh, DD, RPMG-Patna npcpat@sifi.com	0-94302-93698	0612-257-2311	0612-257-2577

Annexure - 3

Sno	Sectors in which energy auditor / energy audit firm has conducted energy audits since inception	Yes / No
1	Aluminium	Yes
2	Buildings (Hospitals, Hotels, Malls, Schools, Tourist Offices)	Yes
3	Chemicals Inorganic	Yes
4	Chemicals Organic	Yes
5	Cement	Yes
6	Chloralkali	Yes
7	Dyes	Yes
8	Engineering	Yes
9	Frabraction	Yes
10	Glass, Ceramic & Tiles	Yes
11	Iron & Steel	Yes
12	Fertilizers	Yes
13	Jute & Jute products	Yes
14	Lamination Industries	Yes
15	Mineral Ores	Yes
16	Mining Industries	Yes
17	Naval Vessels	Yes
18	Pulp & Paper	Yes
19	Power Plants	Yes
20	Pharmaceuticals	Yes
21	Railways	Yes
22	Roadways	Yes
23	Tea Estates	Yes
24	Transmission & Distribution	Yes

Subject Wise Expertise

As a whole NPC has conducted energy audits on the following subjects & sectors ,subject wise expertise Boilers, Furnaces, Thermo packs, Driers, Ovens, Kilns, Coke oven batteries ,Steam generation ,Distribution & Utilization ,Steam economic insulation, Waste heat recover,Co-generation,Heat exchangers, Diesel generating sets, Electric distribution systems, Sub-station, Transformers, Feeder lines, Motors, Compressed air system Pumps, Fans & Blowers, Lighting Refrigeration & Air conditioning system.

RV-R.VIRENDRA,DIRECTOR	AKS-A.K.SINHA,Director
-------------------------------	-------------------------------

Sno	Subject Wise Expertise	Consultant
1	Aluminum	RV,SBS,AC,BN,AKS
2	Buildings (Hospitals, Hotels, Malls, Schools, Tourist Offices)	RV,AKS,TSN,PB,SBS,BD,PKR,VV,PC,PS,AM,SK,BR
3	Chemicals Inorganic	RV,SBS,TSN,PB,JNK,GG,AKS, HRP
4	Chemicals Organic	RV,SBS,TSN,PB,JNK,GG,AR, AKS,HRP
5	Cement	RV,JNK,TSN,PB,GG,DRK,BD,PKR,HRP
6	Chloralkali	RV,SBS,TSN,PR,JNK,AKS,HRP
7	Dyes	RV,SBS,TSN,PB,JNK,RS,GG,AR,HRP,AKS
8	Engineering	RV,AKS,TSN,SBS,JNK,GG,PB,HRP,DB,PKR
9	Frabraction	RV,AKS,TSN,SBS,JNK,GG,PB,HRP,DB,PKR
10	Glass, Ceramic & Tiles	RV,AKS,TSN,SBS,JNK,GG,PB,HRP,DB
11	Iron & Steel	RV,AKS,HRP,JNK,PD,DB,VV
12	Fertilizers	RV,SBS,TSN,JNK,PD,AKS
13	Jute	RV,AKS,PB,SBS,TSN,JNK,PD,AKS
14	Lamination	RV,AKS,PB,SBS,TSN,JNK,PKR, DB
15	Mineral Ores	RV,AKS,SBS,TSN,JNK
16	Mining	RV,AKS,SBS,TSN,JNK
17	Naval Vessels	RV,AKS,TSN, SBS,JNK
18	Pulp & Paper	RV,AKS,TSN, JNK,HRP,PD
19	Pharmaceuticals	RV,AKS,TSN, JNK,HRP,PD
20	POWER PLANTS	RV,AKS,TSN, JNK,HRP,HRP,AC,AR,DB,GG, BD, PKR, PD,PS, BR, AM,SK
21	Railways	RV,AKS,TSN, SBS,JNK,PB,PC
22	Roadways	RV,AKS,TSN, JNK,PB,SBS,PC
23	Tea Estates	RV,AKS,AC,AR,HRP,SBS,PB,TSN
24	Transmission & Distribution	RV,AKS,AC,AR,HRP,SBS,PB,TSN

SBS-S.B.SADANAND,Director	AM-ALOK MITTAL,Dy.Director
TSN-T.SANKAR NARAYANAN,Director	SK-SUNIL KUMAR,Dy.Director
PB-P.BHANDARI,Dy.Director	AC-ANUPAM CHAKRAVORTHY,Dy.Director
PD-P.DHARMALINGAM,Director	BD-B.DURGAJI, Asst.Director
HRP-H.R.PRABHU,Director	PKR-PAVAN KUMAR RYALI,Asst.Director
VR-VIPIN ROPHILLA,Asst.Director	PC-P.CHITRA,Asst.Director

JNK -J.NAGESH KUMAR,Director	VV -V.VELAYUTHAM,Asst.Director
RS -R.SURYANARAYANAN,Dy.Director	CK -CHANDRA KUMAR,Asst.Director
GG -G.GOPINATHAN,Asst.Director	AN -AVJIT NAYAK,Asst.Director
AR -AMITAVA RAY,Dy.Director	KM -K.MALLICK,Asst.Director
DRK -D.RAJANIKANT,Dy.Director	DM -D.MISHRA,Asst.Director
PS -PRASANTH SRIVATSAV,Asst.Director	AV -ANAND VARMA,Asst.Director
JK -Jitin KAPOOR,AssT.Director	SB -SURENDRA BUNKER,Asst.Director
NY -NAKUL YADAV,Asst.Director	

Annexure - 5

Energy Audit in Process Systems

Sno	Energy audit process system	Yes / No
1	Aluminium Production Process	Yes
2	Cement Production Process	Yes
3	Textiles Production Process	Yes
4	Iron & Steel Production Process	Yes
5	Fertilizers Production Process	Yes
6	Pulp & Paper Production Process	Yes
7	Sugar Production Process	Yes
8	Pharamaceuticals Production Process	Yes
9	Dyes & Chemeicals Production Process	Yes

Annexure -
6

Energy Audits in Thermal Systems

Sno	Energy audit thermal utility system	Yes / No
1	Aluminium	Yes
2	Buildings (Hospitals, Hotels, Malls, Schools, Tourist Offices)	Yes
3	Chemicals Inorganic	Yes
4	Chemicals Organic	Yes
5	Cement	Yes
6	Chloralkali	Yes
7	Dyes	Yes
8	Engineering	Yes
9	Frabraction	Yes

10	Glass, Ceramic & Tiles	Yes
11	Iron & Steel	Yes
12	Fertilizers	Yes
13	Jute & Jute products	Yes
14	Lamination Industries	Yes
15	Mineral Ores	Yes
16	Mining Industries	Yes
17	Naval Vessels	Yes
18	Pulp & Paper	Yes
19	Power Plants	Yes
20	Pharmaceuticals	Yes
21	Railways	Yes
22	Roadways	Yes
23	Tea Estates	Yes
24	Transmission & Distribution	Yes

Annexure - 7

Energy Audits in Electrical Utility Systems

Sno	Energy audit electrical utility system	Yes / No
1	Aluminium	Yes
2	Chemicals Inorganic	Yes
3	Chemicals Organic	Yes
4	Cement	Yes
5	Chloralkali	Yes
6	Dyes	Yes
7	Engineering	Yes
8	Frabraction	Yes
9	Glass, Ceramic & Tiles	Yes
10	Iron & Steel	Yes
11	Fertilizers	Yes
12	Jute	Yes
13	Lamination	Yes
14	Mining	Yes
15	Naval Vessels	Yes
16	Pulp & Paper	Yes
17	Power Plants	Yes
18	Pharma	Yes
19	Railways	Yes
20	Roadways	Yes

21	Buildings (Hospitals, Hotels, Malls, Schools, Tourist Offices)	Yes
2	Transmission & Distribution	Yes

Annexure - 8

Instruments Available

Sno	Instruments Available
1	Power Analyser
2	Lux Meter
3	Strobo Scope
4	I R Thermo Gun
5	Flue Gas Analyser with Probe
6	Manometer and Pitot Tube
7	Anemo Meter
8	Hygro Scope
9	Ultra Sonic Water Flow Meter with Transducers
10	K-Type Thermometer and Thermo couple

Annexure - 9

Instruments Available (Electrical)

Sno	Instruments Available (Electrical)
1	Power Analyser
2	Lux Meter
3	Strobo Scope

Annexure - 10

**Instruments Available
(Thermal and others)**

Sno	Instruments Available (Thermal and others)
1	I R Thermo Gun
2	Flue Gas Analyser with Probe
3	Pitot Tube and Digital Manometer
4	Anemometer
5	Hygroscope
6	Ultra Sonic Water Flow Meter with Transducers
7	K-Type Thermometer and Thermo couple

Sno	Details of Recent Training Programmes / Seminars / Work shops
1	Post Graduate certificate course on Energy Management for 11th Batch Energy Management Trainees of National Productivity Council
2	UNEP sponsored Two Weeks Hands-on Practical Training Energy Efficiency and Conservation in Utility Equipments for ASEAN Countries
3	Training programme on "Energy auditing and conservation" for oil and natural gas corporation limited
4	Training programme on "Energy auditing and conservation techniques" for Power grid Corporation of India ltd.,
5	Hands on practical training on energy conservation for RITES ltd.,
6	Avenues for GHG Emission Reduction in Energy Generation, Distribution and Demand side Activities for Rina India Pvt., Ltd
7	Preparatory training course for prospective EM / EA Candidates appearing for 11th BEE National Certification Exam
8	Preparatory training course for prospective EM / EA Candidates appearing for 12th BEE National Certification Exam
9	Preparatory training course for prospective EM / EA Candidates appearing for 13th BEE National Certification Exam
10	Energy Conservation in HVAC & Refrigeration
11	Energy Conservation in Buildings in Hyderabad
12	Energy Clinic
13	Efficient operation of Boilers
14	DRUM Programmes for Distribution companies
15	RAPDRP Training Programmes for Distribution companies
16	Cleaner production & Energy Efficiency work shops for ministry of environment in Hyderabad
17	5 day work shop on energy conservation in process utilities in Hyderabad
18	Capacity Building of students & Academicians in CP, CDM & Env. Related issues in Gujarat
19	Training Program on "Management of Hazardous Waste, Used Batteries & E-Waste in Gujarat
20	Dissemination workshop on CP Assessment in Wood Processing Sector in Gujarat
21	Dissemination workshop on CP options for treating specific trade effluents from Industries in Gujarat
22	Dissemination workshop on CP Assessment in VSK type mini cement Industry Sector in Gujarat
23	Dissemination workshop on CP Assessment in TPS in Gujarat
24	Dissemination workshop on CP Assessment in Sugar & Distillery in Gujarat

25	National Workshop on CP-Strategic Road map in Gujarat
26	Workshop on feasibility of utilization of agro residue based fuel and associated Environmental Impacts in Gujarat
27	Dissemination workshop on CP Demonstration in Automobile Sector in Gujarat
28	Training program on E-filling of Annual Energy Returns in Gujarat
29	Awareness cum Training Programme on CP & CDM at Gandhidham, Rajkot, Baroda, Ahmedabad, etc...
30	State level Meet of BEE Certified Energy Managers and Auditors of Gujarat

Annexure-11

Schuduled in AIP for 2013-14

31.	<p>Electrical Energy efficiency training for</p> <ul style="list-style-type: none"> • Electric motor, VFD & Harmonic • Energy conservation in Pumps & Fans • Energy conservation in compressed system • Energy Conservation in refrigeration & Air Conditioning • Advance Lighting Technology & Conservation • Electrical Energy Audit & Conservation
32.	<p>Thermal Energy Efficiency Training For</p> <ul style="list-style-type: none"> • Industrial Furnance & WHR • Energy Conservation in Process Boilers • Energy Conservation in Steam Systems • Heat Exchanger & Performance Evaluation • Thermal Energy Audit & Conservation
33.	<p>Renewable Energy application for Industrial Commercial Building</p> <ul style="list-style-type: none"> • Wind • Solar Thermal • Photovolatic
34.	<p>. Energy Management system training</p> <ul style="list-style-type: none"> • ISO 50001 EnMS Training • Energy Audit Instruments & M & V Training • Power Plant Computer simulation training

Technical Form 6: CV of Anupom Chakraborty

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	Anupom Chakraborty
4.)	Nationality	Indian
5.)	Date of Birth	
6.)	Profession	Sr.Deputy Director (EM)
7.)	Year with firm / Entity	24 years
8.)	Key Qualifications Experience	<p>Bachelor Degree in Mechanical Engg.- Assam Engineering College TIPIE (now AIP), Chennai - Two- Yr. PG Certificate in Energy Mgmt.) Japan Productivity Center, Tokyo – One month Trg. Certificate on ' Environment Protection & Resource Conservation'</p> <ul style="list-style-type: none"> * Bongaigaon T. P. S. under ASEB - July'81 to Nov'83 Assistant Engineer (O & M) * Performed duties as adviser cum consultant as team leader for the entire APDRP project in the circle of 24 PGs (South), West Bengal State Electricity Board (WBSEB) during end of 2001. * Responsibility: Under the project, the AcC activities included DPR preparations, BID document preparations, assisting the state utilities, awarding the contracts, monitoring the construction/ implementation activities of various schemes as per the provision of DPR.

9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Signature of Contact Person on behalf of organization

Full Name: D.Pawan Kumar, Director & Group Head (Energy Management)

Address : 5-6, Institutional Area, Lodhi Road , New Delhi - 110003

Phone No: 011-24607311

E-mail Id: dpawan.kumar@npcindia.org

1.)	Proposed Position	Team Member
-----	-------------------	-------------

Technical Form 6: CV of J. Nagesh Kumar

2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	J. Nagesh Kumar
4.)	Nationality	Indian
5.)	Date of Birth	06/01/1962
6.)	Profession	Consultant & Trainer
7.)	Year with firm / Entity	Since August'1988
8.)	<p>Key Qualifications</p> <p>Experience</p>	<ol style="list-style-type: none"> 1. B.E (Mechanical Engg.) – 1979-84 2. Post Graduate Diploma in Energy Management – 1986-88 3. P.hd. (Gas Turbine) in Progress from Anna University, Chennai. <ul style="list-style-type: none"> • 21 years experience in various RPMGs offices of National Productivity council as Consultant and Trainer in Energy Management inclusive of: <ol style="list-style-type: none"> 1. Energy Conservation & energy Efficiency in Industry sector. 2. Technology Application & Diagnostic Studies 3. Technology Assessment / Needs 4. Thermal Power Plant Auxiliary Energy use optimization studies. • Functioned as a Chief Consultant and a specialist in Energy Efficiency improvement studies and energy audit in a wide spectrum of industries including recent ones: <ol style="list-style-type: none"> 1. Accelerated Power Development and Reforms Project of MoP, GoI in states of Himachal Pradesh, Assam and West Bengal 2. Faculty in Drum Training Program (Andhra Pradesh State Electricity Board) 3. Preparation of Energy Guide books for Bureau of Energy Efficiency. 4. Sectoral Energy Audits for Deptt.of Power. 5. Assessment of Cogeneration potential in India.

9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Technical Form 6: CV of P.Dharmalingam

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	P.Dharmalingam
4.)	Nationality	Indian
5.)	Date of Birth	25 th May 1957
6.)	Profession	Director , NPC Chennai
7.)	Year with firm / Entity	20 years
8.)	Key Qualifications Experience	<p>BEE certified Energy Auditor B.Tech (Hons)Mech, Spl-Automobile Engg Madras Institute of Technology PGDEM (Post Graduate Professional Course in Energy Management) TIPIE,Chennai M.S (Software Systems-Spl Energy Mgmt) BITS, Pilani ADM - (Business Administration) AIMA DIM (Industrial Management) Symbiosis Institute,Pune</p> <p>Consulting assignments in Energy Audit & Energy Efficiency for Industries (Direct users): Executed more than 200 assignments covering Process, Engineering & Service industry. The sectors covered are Refineries, chemical, textiles, dairy, paper, sugar, tyre, steel, cement, fertilizers, pumping, oil & gas processing, automobiles, railways, power plant, large hotel and commercial buildings 25 years experience as Consultant and Trainer in Energy Management & conservation</p> <ul style="list-style-type: none"> • Cleaner Production Energy Efficiency manual for Greenhouse gas Emission Reduction in Industry in Asia Pacific (GERIAP),UNEP,2000 A Manual was prepared for training of trainers to the needs of nine countries in Asia pacific region under UNEP Project. • Performance assessment of Biomass power generation/Cogeneration project in India, Supported by MNRE, GOI, New Delhi) • Performance assessment and efficiency improvement in Heat & Power consuming equipments namely, Steam Generators, Waste Heat Boilers, Process/Fired Heaters • Energy audit and Performance assessment in Refrigeration, Compressed Air ,Cooling Water System, water pumping, fan system and Lighting system.

- Energy optimisation in process, process integration
- Thermal Power Station and Transmission & Distribution
- Thermal Insulation & Steam Trap Survey
- Captive Power & Co-Generation – Steam & Gas Turbine plant: Evaluation& Improvements
- Fuel/steam and power optimisation applicable to large continuous process plants
- Electrical Demand side Management
- Water audit and conservation
- Application of metering & monitoring system and Energy Efficient equipments

National and International assignments Executed:

- **Guide Books Development on Energy Efficiency:** Prepared the following four Guide books on Energy Efficiency as project leader/author for the purpose of national level examination. (**published by BEE , Govt of India**),2003
 1. General Aspects on Energy Management and Audit.
 2. Energy Efficiency in Thermal Utilities.
 3. Energy Efficiency in Electrical Utilities.
 4. Energy Performance Assessment of Equipment & Utility Systems.

About 10,000 candidates have written this examination for the Certification from 2004

- Implementation of Institutional building & energy efficiency for state of Tamil Nadu supported by **GTZ/BEE** (SDA Development Project- EC ACT 2001)
- Chief faculty in Executive Development programme on Energy auditing at IPHRD –Tehran (**IRAN Govt** Project) conducted by NPC
- Namakkal Eco-city Demonstration Project: APO, Japan, Team Member for Energy Efficiency.

Special Projects and Captive Power & Co-Generation Projects executed

- * **Cogeneration Performance Evaluation study**
 - * 5 MW Bio mass based cogeneration plant, paper industry
 - * 20 MW steam turbine cogeneration- sugar Industry
 - * 6 MW DG SET cogeneration- Pharma industry

MNRE sponsored Co-Generation Potential Evaluation Study- western India

- * **Gas Turbine- Power Plant Study**

		<ul style="list-style-type: none"> * Assessment of Co generation Potential in Western India Process plants(50 Nos) and preparation of 10 detailed Project report for implementing Cogeneration. * Cairn Energy Ltd, Rajmundry Pondichery power corporation,Karikal * Electrical Demand Management <ul style="list-style-type: none"> * Preparation of DSM Potential for the state of Tamilnadu * Part of the Strategic Plan for implementing EC ACT. For SDA & Pondichery. * Energy & Environment : <p>Cleaner production and Energy Efficiency projects</p> <p>Green Productivity Demonstration Project</p> <ul style="list-style-type: none"> • Hotel Industries, Chennai. • Aavin Dairy- Ambattur • As member on “Development of model Eco-city through Green Productivity at Namakkal” Tamilnadu, a project sponsored by Asian Productivity Organisation, Tokyo <p>Projects executed on National Survey, Technical Audit & Curriculum Development</p> <p>Productivity and Energy efficiency in small & Tiny industries in Tamilnadu</p> <ul style="list-style-type: none"> • Improvements study undertaken in coir, metal, umbrella, lock manufacturing industries across the Tamil nadu. <p>Energy efficiency in Agricultural Form, Chengam</p> <ul style="list-style-type: none"> • Energy efficiency in agricultural pumping, form implements ,Diesel engines ,Drying units etc at Chengam <p>Technical Tender evaluation for selection of energy efficient boilers</p> <ul style="list-style-type: none"> ▪ Technical audit and evaluation study was carried out for energy optimisation and selection process for IOCL. <p>Setting up Energy Lab at NSIC</p> <p>Professional study and advisory service provided to NSIC for setting up Energy Demonstration LAB project. All energy audit instruments ware procured and setup Appropriate Energy equipments foe practical training. Programme were conducted based on this project</p> <p>Curriculum development For Professional Course on Energy Management</p> <ul style="list-style-type: none"> • Involved in syllabus development for BEE Energy auditor and Energy manager Course • B.Tech Energy & Environment Agricultural university <p>Software tool Development for energy performance and efficiency calculation</p>
--	--	--

		<ul style="list-style-type: none"> • For Boiler & Furnace performance Analysis. • Technical and Financial feasibility evaluation for Cogeneration projects <p>Capacity Building for Power Sector Engineers: Resource person/ training programmes conducted through CORE International for the following Electricity Boards:</p> <ul style="list-style-type: none"> • Tamil Nadu Electricity Board • Power Department, Pondicherry <p>TNUDF Study on Public Utilities: Energy Efficiency study in 25 Municipalities/Corporation in the state of TamilNadu</p> <ul style="list-style-type: none"> • Detailed energy efficiency study was carried out in 25 municipalities in the Tamil Nadu state sponsored by Tamil Nadu Urban Development Fund under World Bank project. The main focus was on water pumping, transportation, distribution, street lighting and office buildings • Our study identified the saving potential of 25 % in all public utilities. • Based on these findings a workshop was conducted involving all stakeholders in Tamil Nadu including ESCO companies for awareness, dissemination and implementation based on ESCO Basis • Based on this study, TN Govt has started for implementation on ESCO Basis.
9.)	Membership in Professional Societies	---
10.)	Task Assigned	Component activities as called upon

Technical Form 6:CV of H.Raghavendra Prabhu

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	H. Raghavendra Prabhu
4.)	Nationality	Indian
5.)	Date of Birth	23.11.1959
6.)	Profession	Consultant
7.)	Year with firm / Entity	22 Years
8.)	Key Qualifications Experience	<ul style="list-style-type: none"> • B.Tech. (Mechanical Engineering), • Post Graduate Diploma in Energy Management. • Post Graduate Programme in Management (M.B.A. Equivalent) in Production & Operations Management, All India Management Association, New Delhi • Diploma in Training & Development, Indian Society of Training & Development, New Delhi. • Certified Energy Auditor (CEA) by Bureau of Energy Efficiency (BEE), Govt. of India. <p>22 years of experience in training and consultancy in different energy intensive sectors.</p> <ul style="list-style-type: none"> • A unique combination of service in Energy Management & Audit, Production and Operations Management, and also in Training & Development with rich experience of Consulting and Training. • Carried out more than 250 Energy Audit and Conservation studies in large and medium industries in different sectors such as Dairy, Mining, Pharmaceutical, Building, Automobile, Pulp & Paper, Chemical, Textile, re-rolling, Forging etc. Also done projects in Industrial Engineering discipline. • Imparted training to more than 4000 senior and middle level executive of various public and private organizations such as GAIL, ONGC, NTPC State Electricity Board, Hero Honda, Karnataka Power Corporation & Indian Railways through national level inter-company training programme and in-company training programme.
9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Technical Form6:CV of S.B.Sadananda

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	Sadananda Subbarao Balasubramanya
4.)	Nationality	Indian
5.)	Date of Birth	23.05.1954
6.)	Profession	Consultant
7.)	Year with firm / Entity	28 years
8.)	Key Qualifications Experience	<p>B.Tech. (Mechanical Engineering), Post Graduate Diploma in Fuel Efficiency (Energy Management) BEE Certified Energy Auditor</p> <p>28 years experience as Consultant and Trainer in Energy Management & conservation.</p> <p>➤ Consulting assignments in Energy Audit, Energy Efficiency & Technical Audit for clients (Direct users).</p> <ul style="list-style-type: none"> • Executed more than 100 assignments covering Process, Engineering & Service industry. The sectors covered are textiles, pharmaceuticals, brewery, dairy, paper, fertilizers & petrochemicals, oil & gas processing, automobiles, railways, power, large luxury hotel and commercial buildings. <p>➤ Capacity Building and Training Programmes</p> <ul style="list-style-type: none"> • Planned and conducted as core faculty more than 100 inter company programmes on energy conservation and management. Planned and conducted as core faculty more than 50 in company programmes on Energy Management and Audit. • Prepared Workbooks and Energy Conservation Manuals • Designed & Conducted as Course Director capacity building exercise for marketing/technical sales engineers of Leading oil companies in energy management and audit to provide value added service to their customers. <p>➤ Presentation of paper and information dissemination :</p> <ul style="list-style-type: none"> • Presented paper on energy audit of large and complex process plants in the symposium on Energy Management and Conservation in Heavy Water plants and allied chemical plants, organised by Heavy Water Board,

		<p>February 2000.</p> <ul style="list-style-type: none"> • Present paper on energy audit in large continuous process industry in the workshop on Energy Conservation organised by Fertilizer Association of India, March 2002. • Developed background script & commentary and provided editing support for production of instructional film on “Importance of Heat Recovery” for Department of Power, Govt. of India (1988). <p>➤ Resource person / Team leader in special assignments with emphasis on Technology development and Strategic Planning:</p> <ul style="list-style-type: none"> • Technology evaluation of radial tyres for buses and trucks - Modi Rubber (1984) – Introduction of Radial tyres, a new technology during that period, through a pilot plant in India under Technology Absorption and Adaptation Scheme (TAAS). • Identification and implementation of Cogeneration projects – Advisory Board for Energy (1988). The study involved identification of technically feasible and bankable cogeneration projects for implementation. • Impact assessment of Technical Development Funds (TDF), a government of India scheme for import of services and equipments through foreign line of credit / fund support for improving productivity and quality in manufacturing (1992). • Prepared a strategic plan for implementing E.C.act-2001 in Maharashtra(2003-2004)
9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Technical Form 6 : CV of T.S.Narayan

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	Sankara Narayanan Thirugnana Sambandan
4.)	Nationality	Indian
5.)	Date of Birth	02.03.1958
6.)	Profession	Consultant
7.)	Year with firm / Entity	Since 1987
8.)	Key Qualifications Experience	<p>B.Tech. (Electrical & Electronics Engineering), Post Graduate Diploma in Energy Management. BEE Certified Energy Auditor</p> <p>22 years experience as Consultant and Trainer in Energy Management & conservation</p> <ul style="list-style-type: none">• Executed more than 120 assignments covering Process, Engineering & Service industry. The sectors covered are textiles, dairy, paper, fertilizers, petroleum product pumping, oil & gas processing, automobiles, railways, power, large luxury hotel and commercial buildings.• Performance assessment and efficiency improvement in Heat & Power consuming equipments namely, Steam Generators, Waste Heat Boilers, Process/Fired Heaters, Refrigeration, Compressed Air and Cooling Water System.• Technical audit of Repair & Maintenance of MSEB Thermal Power Station and Transmission & Distribution Circles• Thermal Insulation & Steam Trap Survey• Energy optimisation in process• Captive Power & Co-Generation – Steam & Gas Turbine plants• Fuel/steam and power optimisation applicable to large continuous process plants• Electrical Demand Management• Application of metering & monitoring system and Energy Efficient equipments

--	--	--

9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Technical Form 6: CV of D. Rajnikant

1	Proposed Position	Team Member
2	Name of the firm	National Productivity Council
3	Name of staff and Nationality	D.Rajnikant Indian
4	Date of Birth	30.08.1978
5	Profession	Consultant
6	Years with firm / Entity	4 years
7	Key Qualifications Experience	<p>B.Tech (Chemical Engineering), Post Graduate Diploma in Energy Management BEE Certified Energy Auditor</p> <p>MAJOR PROJECTS EXCEUTED - Few key projects at a glance</p> <p>1.APDRP Project</p> <p>As a team member for the APDRP (Accelerated Power Development Reform Project) for which NPC was Consultant cum Advisors (AcC) to three state electricity boards has developed different system improvement schemes to bring down the technical losses in the distribution system. Prepared detailed project report for the schemes such as consumer metering, computerized billing system in the state of Himachal Pradesh and the turnkey project on the basis of DPR was successfully implemented</p> <p>2.Energy audit at Ferozabad Glass Industries</p> <p>A detailed energy audit and conservation study conducted at Ferozabad glass industry cluster to evaluate the energy consumption and cost savings options, cost benefit analysis. Assisted in implementation of major suggestions (most of the suggestions are low cost and adopted to local conditions, as most of the industries in the cluster are small scale) and also evaluated the post implementation results. About 15-20 industries implemented the suggestions in the cluster.</p> <p>3.Capability Assessment of SDA for implementation of EC Act 2001</p> <p>Bureau of Energy Efficiency (BEE) in collaboration with German Technical Cooperation (GTZ) assigned a task to assess capabilities of State Designated Agencies (SDA) for successful implementation of EC Act 2001.</p>

		<p>Energy Audit At Delhi International Airport</p> <p>Detailed energy audit and conservation study carried out at Delhi International Airport, New Delhi.</p> <p>5.Development Of PDD for Large Scale Biomass Based Grid Connected Power Plant From India</p> <p>18 MW large scale biomass based grid connected power plant situated in southern region of India in Ramnad district of Tamil Nadu eligible to register as CDM project under Kyoto protocol of UNFCCC. Project registered under CDM successfully.</p> <p>6.GERIAP (Greenhouse Emission Reduction from Industry in Asia & Pacific) Project</p> <p>India being one of the member countries of GERIAP and NPC being the National Focal Point for India was awarded the GERIAP study to evaluate Green House Emission reduction potential in India.</p>
8	Membership in Professional Societies	----
9	Task assigned	Component Activities as called upon

Technical Form-6: CV of Shri Durgaji Bonam

1.)	Name of the firm	National Productivity Council
2.)	Name	Durgaji Bonam
3.)	Nationality	Indian
4.)	Date of Birth	16/04/1985
5.)	Profession	Assistant Director in Energy management Division
6.	Key Qualifications	B.Tech. (Chemical), M.E. (Chemical Engg.), Post Graduate Certificate Program in Energy Management. BEE Certified Energy Auditor
7.	Experience	<p>Key team member in the various National level assignments such as BEE,s study to assess the Energy Consumption and Conservation Potential in sectors like Commercial, Agricultural, Municipal and SME sector through out Country. BEE/EESL PAT (Perform Achieve and Trade) Baseline Energy Audits for the Cement Plants.</p> <p>Conducted Energy Audits at various Thermal Power Plants, Cements Plants etc., such asNTPC Ramagundam, NTPC Simhadri, NSPCL Bhilai, Cement Corporation of India, Ordnance Factories, Security Printing Press .</p> <p>Faculty for USAID sponsored DRUM programs for Electrical Utilities, Boiler Directorates, BEE, NEDCAP, NMDC training programs</p>
8.)	Training areas	Energy conservation and efficiency Demand side Management ,APDRP.R-APDRP Energy audit in Power plant audits, process industries PAT scheme

Technical Form 6: CV of R.Suryanarayan

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	R.Suryanarayan
4.)	Nationality	Indian
5.)	Date of Birth	13 November 1960
6.)	Profession	Director, NPC
7.)	Year with firm / Entity	21
8.)	Key Qualifications Experience	<ul style="list-style-type: none"> ▪ BEE Certified Energy Auditor ▪ B.Tech. (Mechanical Engg.) Anna University ▪ Post Graduate Diploma in Energy Management- National Productivity Council, Chennai ▪ National Productivity Council, Chennai- M.S (Software Systems) ▪ 21 years experience as Consultant and Trainer in Energy Management. ▪ Energy Conservation & energy Efficiency in Industry sector ▪ Technology Application & Diagnostic Studies ▪ Technology Assessment / Needs ▪ Thermal Power Plant Auxiliary Energy use optimization studies <p>Functioned as a Chief Consultant and a specialist in Energy Efficiency improvement studies and energy audit in a wide spectrum of industries including recent ones:</p> <ul style="list-style-type: none"> ▪ Environments Audits & monitoring at NTPC, RSTPS. ▪ Faculty in Drum Training Program (Andhra Pradesh State Electricity Board) ▪ Preparation of Energy Guide books for Bureau of Energy Efficiency. ▪ Sectoral Energy Audits for Deptt. of Power. ▪ Assessment of Cogeneration potential in India.
9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Technical Form-6: CV of Shri Sunil Kumar

1.)	Proposed Position	Team Member																				
2.)	Name of the firm	National Productivity Council																				
3.)	Name of Staff	Sunil Kumar																				
4.)	Nationality	Indian																				
5.)	Date of Birth	05/01/64																				
6.)	Profession	Consultant																				
7.)	Year with firm / Entity	17 years																				
8.)	Key Qualifications Experience	<p>B.Tech. (Metallurgical), Post Graduate Diploma in Industrial Engineering.</p> <table border="1"> <thead> <tr> <th>Duration</th> <th>Organization</th> <th>Designation</th> <th>Role</th> </tr> </thead> <tbody> <tr> <td>From May, 2002 till date</td> <td>National Productivity Council, New Delhi</td> <td>Deputy Director</td> <td>Senior Consultant, (Energy Management & Process Management Group)</td> </tr> <tr> <td>From October, 1997 to April, 2002</td> <td>National Productivity Council, Chandigarh</td> <td>Deputy Director</td> <td>Senior Consultant,</td> </tr> <tr> <td>From November, 1992 to September, 1997</td> <td>National Productivity Council, Chandigarh</td> <td>Assistant Director</td> <td>Consultant, (Industrial Engineering)</td> </tr> <tr> <td>From March, 1990 to August, 1990</td> <td>General Engineering Works (Subs. Of M/s HDCL)</td> <td>Assistant Manager (Production)</td> <td>Production Planning and Control</td> </tr> </tbody> </table> <p>Functioned as a Senior Consultant and a specialist in Energy Efficiency improvement studies and energy audit in a wide spectrum</p>	Duration	Organization	Designation	Role	From May, 2002 till date	National Productivity Council, New Delhi	Deputy Director	Senior Consultant, (Energy Management & Process Management Group)	From October, 1997 to April, 2002	National Productivity Council, Chandigarh	Deputy Director	Senior Consultant,	From November, 1992 to September, 1997	National Productivity Council, Chandigarh	Assistant Director	Consultant, (Industrial Engineering)	From March, 1990 to August, 1990	General Engineering Works (Subs. Of M/s HDCL)	Assistant Manager (Production)	Production Planning and Control
Duration	Organization	Designation	Role																			
From May, 2002 till date	National Productivity Council, New Delhi	Deputy Director	Senior Consultant, (Energy Management & Process Management Group)																			
From October, 1997 to April, 2002	National Productivity Council, Chandigarh	Deputy Director	Senior Consultant,																			
From November, 1992 to September, 1997	National Productivity Council, Chandigarh	Assistant Director	Consultant, (Industrial Engineering)																			
From March, 1990 to August, 1990	General Engineering Works (Subs. Of M/s HDCL)	Assistant Manager (Production)	Production Planning and Control																			

		<p>of industries including recent ones:</p> <ul style="list-style-type: none"> ▪ Accelerated Power Development and Reforms Project of MoP, GoI in states of Himachal Pradesh, Assam and West bengal ▪ Implementation of EC Act in SDA in Six states of India ▪ Distribution Reforms and Upgrades Management (Training Programmes e.g. Customer Relationship Management) ▪ Impact Assessment study of Renewable Energy Systems Deployed in Leh ana Kargil (Ladakh Region) ▪ Building Audit in Delhi ▪ Facilitation services for developing ISO-9001 standard based on Quality Management System ▪ Business Process Analysis and Re –Engineering for Organisational Restructuring ▪ Business Process Engineering for IT package implementation
9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

Technical Form 6: CV of P. Chitra

1.)	Proposed Position	Team Member
2.)	Name of the firm	National Productivity Council
3.)	Name of Staff	P. Chitra
4.)	Nationality	Indian
5.)	Date of Birth	19/04/1976
6.)	Profession	Consultant
7.)	Year with firm / Entity	Since August'08
8.)	Key Qualifications Experience	<ul style="list-style-type: none"> • M.E. (BioEnergy) • PGDCA -PG Diploma in Computer Application • B.E. (Agricultural Engineering) • Certified Energy Auditor (BEE) <ol style="list-style-type: none"> 1. 1 year as Asstt. Director (Energy Mgt.) in AIP, NPC, Chennai in. 2. 1 year 11 months and 16 days asSr. Research Fallow in Department of Bio-Energy, AEC&RI, Tamil Nadu Agricultural University (TNAU), Coimbatore. 3. 5 months and 13 days as Sr. Research Fallow in Forest College & Research Institute, Mettupalayam, TNAU. 4. 2 years, 1month and 4 days as JRF in Department of Agricultural Food Process Engineering, TNAU, Coimbatore.
9.)	Membership in Professional Societies	----
10.)	Task Assigned	Component activities as called upon

CV of Prashant Srivastava

1	Proposed Position	Team Member
2	Name of the firm	National Productivity Council
3	Name of staff and Nationality	Prashant Srivastava Indian
4	Date of Birth	10.05.1979
5	Profession	Consultant
6	Years with firm / Entity	1 years
7	Key Qualifications Experience	<p>B.Tech (Chemical Engineering), BEE Certified Energy Auditor</p> <p>Detailed Energy Audit study of various types of companies includes the following</p> <ul style="list-style-type: none"> (i) M/s Oberoi Hotels – all over India (ii) M/S PVR Cinemas – all over India (iii) M/s Continental Carbon India Ltd, Ghaziabad (iv) M/s Tata Teleservices Ltd , New Delhi (v) M/S Radico Khaitan Limited , Rampur (U.P.) <p>Under the project Process Integration and Optimization in Pulp and Paper Industry – X five Year Plan Project. , a “Detailed Energy Audit, Performance Evaluation and Optimization studies” was conducted in the following four Pulp & Paper mills</p> <ul style="list-style-type: none"> (i) M/s Mysore Paper Mill, Bhadravati, Karnataka (ii) M/s Cachar Paper Mill, Panchgram, Assam (iii) M/s Nagaon Paper Mil, Jagi Road, Assam (iv) M/s Bilt , Unit : ShriGopal ,Yamunanagar <p>Other Energy Audits of Interest:</p> <p>Brief Overview: Under the provision of Energy conservat 2001, energy audit for buildings above 500 kW of connecte were made mandatory. On this regard being in NPC I was pri to carry out energy audit of prestigious government buildings</p> <ul style="list-style-type: none"> • Mini Secretariat, Chandigarh , • Vidhansabha , Dehradun • Secretariat, Dehradun

		<ul style="list-style-type: none"> • Aayakar Bhawan , Dehradun • Tel Bhawan , Dehradun • Lal Bahadur Shastri Academy , Mussorie
8	Membership in Professional Societies	----
9	Task assigned	Component Activities as called upon