



भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
केन्द्रीय विद्युत प्राधिकरण
CENTRAL ELECTRICITY AUTHORITY
सेवा भवन, रामाकृष्णापुरम
SEWA BHAWAN, R.K. PURAM
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(आई एस ओ : 9001-2008)

CEA/PLG/DMLF/18th EPS (Econ.)/2010/

Dated 13.04.2011

To

Subject: Requirement of the services of consultant for Electricity Demand Forecast under 18th Electric Power Survey (EPS) of India using econometric model.

Sir/Madam,

Central Electricity Authority has constituted 18th Electric Power Survey Committee (EPSC) to forecast short-term annual electricity demand for the States/UTs, Region and All India for the 12th Plan period. The EPS would also cover long-term forecast for terminal years of 13th & 14th Five Year Plans. The forecast would be carried out by adopting Partial End Use Method (PEUM) (a combination of end use and time series methodologies).

The validation of the results of electricity demand forecast by PEUM is proposed to be carried out by using Econometric Model which will capture the effect of economic factors like prices, income, Private Final Consumption Expenditure (PFCE) as independent variables on the electricity demand (dependant variable). For this purpose, CEA requires the services of a consultant to take up the assignment as under:

“To prepare and recommend forecast of electricity demand in terms of electric peak load (MW) and electric energy requirement (MU) at electric power generating station bus-bars for short, medium and long term up to the end of 14th Five Year Plan for each State, Union Territory, Region and All India. The forecast for rural and urban areas would also be done for the major consumption categories e.g. domestic, industrial, irrigation, commercial, public lighting/water works & railways using econometric modeling techniques”.

CEA would provide reasonable remuneration to the consultant for rendering above consultancy services. The institutions/organizations having expertise in carrying out such studies/job are requested to kindly submit their proposal and consent for undertaking this work by May, 2011.

Yours faithfully,

(MAJOR SINGH)
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Member Secretary (18th EPSC)
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