

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1603
ANSWERED ON:09.03.2007
RESEARCH CONTRACTS
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Will the Minister of POWER be pleased to state:

- (a) whether the Ministry has awarded research contracts to Consultants, NGOs, Academic and Research Organizations etc.;
- (b) if so, the details of the organizations to which the research contracts have been awarded during the last three years;
- (c) whether the research contracts have been illustrated on the web-site of the Ministry ;
- (d) if not, the reasons therefor ;
- (e) whether research contracts have been awarded through a competitive bidding process;
- (f) if so, the criteria adopted by the Ministry in this regard; and
- (g) if not, the reasons therefor ?

Answer

THE MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) : The Ministry of Power through Central Power Research Institute (CPRI), an autonomous society under the administrative control of the Ministry, awards research projects to utilities, academic institutions and research organisations through three schemes namely :-

(A) Research Schemes on Power (RSOP)

(B) National Perspective Plan Projects (NPP)

(C) Other Plan R&D

(b) : R&D projects were awarded to the following organisations in the last three years :

RSOP – Tamil Nadu Electricity Board (TNEB); Karnataka Power Transmission Corporation Ltd. (KPTCL); Punjab State Electricity Board (PSEB); Indian Institute of Technology, Kanpur; Indian Institute of Technology, Mumbai; Indian Institute of Technology, Kharagpur; Indian Institute of Technology, Roorkee; Indian Institute of Technology, Chennai; Indian Institute of Technology, Hyderabad; Messrs Century Controls; Electrical Research & Development Association (ERDA); Birla Institute of Technology, Bangalore; Banaras Hindu University, Varanasi; Indian Institute of Science, Bangalore; Satluj Jal Vidyut Nigam Limited; CPRI and NTPC Limited.

NPP –Electrical Research & Development Association (ERDA), EMCO Transformer Company, and National Metallurgical Laboratory (NML), Jamshedpur.

Other Plan R&D – CPRI

(c) & (d) : The details and names of the organizations are hosted on the web-site of CPRI.

(e) : No, Sir.

(f) & (g) : RSoP proposals received from various organizations are evaluated by a Committee consisting of members from CPRI, Central Electricity Authority (CEA), Indian Institute of Science (IISc), IIT, KPTCL, Power Grid Corporation of India Ltd.

(PGCIL), Bharat Heavy Electricals Limited (BHEL) and Department of Science & Technology (DST).

For the NPP, projects of national importance are identified by four different task forces (Thermal generation, Hydro generation, Transmission and Distribution) comprising of senior officers from CEA, CPRI, NTPC and PGCIL. The recommendations of the Task Force are approved by the Standing Committee on R&D appointed by the Ministry of Power.

Other Plan R&D projects are selected based on the needs of electrical industry and utility. The projects are evaluated by a Committee on Research headed by Member, Central Electricity Authority (CEA). Based on the usefulness of the project to power sector, the projects are approved.

In all the cases, proposals are evaluated and selected on the basis of expertise level, facilities available and past experience of the Institutes, S&T Laboratories and Utilities capable of carrying out the project.