



# ENGINEERING SUCCESS

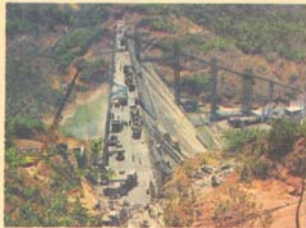
THE FINANCIAL EXPRESS Ahmedabad, Bangalore, Chandigarh, Chennai, Hyderabad, Kochi, Kolkata, Mumbai, New Delhi ■

November 2006

A Space Marketing Feature

**What varieties of services does TCE undertake?**  
TCE provides services for all stages of a project - 'From concept to commissioning'. It is not just using a catch phrase, TCE does it in practice, encompassing all stages viz: Pre-feasibility Report, Feasibility Report, Detailed Project Report, Basic Engineering, Planning, Detailed Engineering, Procurement Assistance, Inspection and Expediting, Project Management, Construction Supervision and Commissioning Assistance. We are now entering the arena of 'Operation and Maintenance' of power plants services. TCE is into engineering projects in a variety of sectors: Power - Fossil, Hydro, Nuclear and Renewables, Infrastructure - Environment, Water, Waste water, Drainage, Solid Waste Management, Urban and Rural Development, Commercial and Institutional buildings, IT Parks, Housing, Hospitals, Chemical and Industrial Plants, machine design especially for 'one-of-a-kind' or 'one-time' projects, etc.

We serve as the Owner's Consultant or as Consultant to an EPC Contractor or to Lenders. We fit in and slot ourselves to whatever is the project requirement. TCE is perhaps the only consulting engineering company in India that is present in all the sectors. We do practically everything under the sun. Most of the consulting companies are in one or two sectors.



**2. When you say "TCE Engineers a Better Tomorrow", what exactly do you mean?**

We mean that TCE adds value to what it is doing. It is not just doing stereotype project work. In every project that we take up, we try and do something better - an Improvement - on

## Engineering a Better Tomorrow

what we did in a previous similar project. This is important, to us and also to our clients. If we do not 'engineer a better tomorrow', how can we progress, how can this nation progress?

We ensure that, in our engineering, there is something that is different and something that will give value addition to the client: economy of scale or improvement in operation; maintenance or better logistics, etc. There is value addition and that's what we are doing consistently. This way, of engineering sets TCE apart.

**3. What has been the most challenging task TCE has undertaken?**

There is not just one task or job that we can say as 'challenging'. There have been several in all sectors. Take power sector: that is what TCE started with. In power, we faced several challenging jobs and we executed them successfully. We have a number of firsts to our credit: TCE was the first to engineer the 120 MW, 200 MW and 500 MW power plants. They were the firsts of the kind in India. In transmission lines, the first 400 kV line and the first 800 kV line were engineered by TCE. Another challenge we had was in the Ghatghar Hydropower Project where TCE did pre-engineering and engineering assistance during construction for the first Roller Compacted Concrete dam in India. Some other challenges that TCE has met: Asia's largest water treatment plant and the largest sewage pumping station at Bhandup, Mumbai; the first marine outfalls with 3.5 km tunnels in



**A P Mull**  
MD & CEO,  
TCE Consulting  
Engineers Limited

Mumbai for sewage disposal and the first water supply tunnels for Mumbai. Another big challenging job was the Bangalore Water Supply and Sewerage Project that involved pumping of 270 ml water to a height of 300 m over 100 km.

Take the one-of-the-kind job and TCE has done it. The world's largest steerable radio telescope and Asia's biggest optical telescope were engineered by TCE. There is another one-of-its-kind and challenging job that TCE has successfully done. We were the engineers for the dismantling in USA, then transportation to India and then re-erecting in India of the 60,000 tpa DMT plant for Bombay Dyeing.

At present we are working on the nuclear projects and they pose challenging tasks too and we are innovating and executing successfully.

**4. What is your corporate social responsibility policy?**

Corporate Social Responsibility (CSR) is a part of our, Tata Group's philosophy - in fact it was that of the founder Mr. J. N. Tata. CSR is on our regular agenda and not incidental. TCE's target is to look for and execute work and do activities



that will benefit the community amongst which we are working. For example, TCE is actively working with and is supporting 'Shristi', an organization in Bangalore that helps physically / mentally retarded children. For that we also received 'Social Excellence Award' for CSR. Other good example is Horniman Circle, Mumbai. TCE gave engineering support complimentary to BMC during the renovation. TCE continues to give engineering consultancy for the maintenance.

We rate CSR high on our agenda. CSR is one aspect, but in all our projects the social aspects are taken into account. So CSR does stem and is based on our generic functioning. In the Latur Earthquake Rehabilitation Project, we did the village and the house layouts with full participation of the community. Each household knew at the design and planning stage, as to where it would be resettled. The handing over of the houses to the villagers went smoothly. Wherever we can help, we help. Recently, we invited blind artists to perform for 'TCE Day' celebrations and they did fantastically well.

To us what really counts is to help students, educational institutions, etc so that there is a new crop of engineers that is better equipped. Our people contribute to the society as examiners, lecturers and whatever we can do to pitch in.

**5. Where do you see TCE 10 years from now?**

Our vision is to be an internationally respected engineering consultant offering comprehensive solutions. In the next decade we will become a global player.