



**PRASAR BHARATI**  
**OFFICE OF THE CHIEF ENGINEER(SZ)**  
**ALL INDIA RADIO & DOORDARSHAN**  
**Swamy Sivananda Salai, CHENNAI-600 005**



## **EXPRESSION OF INTEREST**

A lattice type all steel self supporting tower of 150m tall and 187.7MT in weight is to be erected at the High Power TV transmitter of Doordarshan at KANNUR in KERALA state. The tower will have square section base made out of galvanized steel sections/structures of four legs. The tower should withstand a wind speed of 39m/sec. The tower should be,

1. Provided with accessories like ladder, platforms, vertical cable rack, horizontal cable rack etc.
2. Provided with antenna support ladder in Band II and III portion.
3. Provided with lightning arrester on the top most portion and it should be connected to the earthen pit on the ground through the copper strip.
4. Provided with AVOL as per the DGCA guidelines along with the required power cable.
5. Painted with alternate bands of international orange and white after applying to coats of suitable primer.

After the completion of the above works, the TV transmitting antenna and the R.F feeder cable has to be hauled up and fixed in place by providing suitable mounting structures as per the drawings supplied by the antenna manufacturer.

The foundation of the tower has already been cast. The tower has been designed by M/s T.S.L, Allahabad, U.P. This office has some of the technical drawings as well as part of the tower material supplied by M/s T.S.L. The agencies may have to assess the shortage of the tower material with the available drawings.

Interested agencies/firms having expertise, technical know-how, sound financial capability and previous experience in executing such project may submit their detailed proposal/methodology to the THE CHIEF ENGINEER (SOUTH ZONE), ALL INDIA RADIO & DOORDARSHAN, Swamy Sivananda Salai, Chennai - 600 005 on or before 15.06.2011

For additional details and field inspection THE CHIEF ENGINEER (SOUTH ZONE), ALL INDIA RADIO & DOORDARSHAN, Swamy Sivananda Salai, Chennai - 600 005 may be contacted in person or in the following phone number or e-Mail.

Phone: 044 25382583, e-Mail ID: ceszpurchz @ gmail.com  
THE CHIEF ENGINEER (SOUTH ZONE), ALL INDIA RADIO & DOORDARSHAN