

The Brief scope of work for Supply and Installation of Simulator for HEMM at Talaipalli Coal Mining Project, Raigarh (Chattishgarh) may be found as:-

The scope of work includes “Design, Manufacture, Customisation of system as per site requirement, supply including accessories & consumables, installation/ commissioning, testing , operational training of Simulator system for Dumper, Dozer, Excavator, Loader and Grader”. Time period of the entire package shall be SIX (06) month. One year onsite comprehensive warranty after hand over of the system. Five-year Annual Maintenance Contract (AMC) after completion of One year warranty.

The supply shall consist of following: -

1. Base Simulator cabin along with Visual system to provide minimum 180 Degrees field of view, hardware and software, high performance Motion Platform with six degrees of freedom for operating with realistic controls. The motion platform will be common for all the mentioned models of equipment. Operator station with large Visual Screens to give 180 degrees of view & two mirror rear view. Instructor Station, Operator station, debriefing station, Common off the shelf IT system etc : 02 SET
2. Conversion kits with OEM realistic dashboard and controls. Conversion kits should be inter-changeable. Conversion kits (with OEM realistic dashboard & its controls) should be supplied separately for following HEMM as mentioned below
 - Dumper conversion kit with replica control : 01 no
 - Dozer conversion kit with replica control: 01 no
 - Excavator conversion kit with replica control: 01 no
 - Loader conversion kit with replica control : 01 no
 - Grader conversion kit with replica control : 01 no
3. NTPC virtual Mine Module : 01 set
4. Warranty: 01 year
5. AMC : 05 year

Contact Person : Shri Brijesh Shandilya
GM(Mining), Talaipalli Coal Mining Project
E-Mail : brijeshshandilya@ntpc.co.in