

MOM HELD BETWEEN TECHNICO, BHEL AND NEEPCO REGARDING HANDING OVER OF FIRE FIGHTING SYSTEMS AS PER ORDER NO 88/17/0047/KMS DATED:24 OCT 2017 AT (2X30 MW)TUIRIAL HYDRO ELECTRIC PROJECT, MIZORAM. ON DATED:24.08.2018

Members present:

TECHNICO

BHEL

NEEPCO

- | | | |
|--------------------------------------------|------------------------------------------------|-------------------------------------|
| 1) Kajal Sarkar ,
(Site In charge) | 1) Sachin Bankar
(DGM) | 1) D. Chakraborty
Sr. Mgr (E/M) |
| 2) Somnath Dolui
(Engg. Commissioning) | 2) N Sharatchandra Singh
Assistant Engineer | 2) K M Sarma
Sr. Mgr (E/M) |
| 3) Sambhu Saha
(Manager Construction) | | 3) Nantu Kma
Assist Manager(E/M) |

Following points are recorder during the joint site visit and inspection:

- 1) Technico, Kolkata –the sub-contractor engaged by BHEL- Commissioned Fire Fighting System of Tuirial H E Projct on 15.08.2018.
- 2) Fire Alarm system of at EL43.5 (Control Room) , 38.0m, 33.5 m, 29.0m, Ventilation Room, DG Room, Conference Hall, Mechanical Workshop, Transformer yard and Switchyard have been checked jointly and found to be in consonance with approved Drawings.
- 3) Fire Detection & Alarm (FDA) panel, interfaced with HVWS system and MVWS System has been checked jointly and found to be in consonance with approved Drawings.
- 4) FDA panel interfacing with Booster Pump and Filling Pump House has been checked jointly and found to be in consonance with approved Drawings.
- 5) FDA panel interfacing with Repeater panel located at switchyard has been checked jointly and found to be in consonance with approved Drawings.
- 6) The Fire hydrant system at Switchyard has been checked jointly and found to be in consonance with approved Drawings.
- 7) The Main Fair Alarm Panel at Power House Control Room and Repeater panel at Switchyard control room have been checked jointly and found to be in consonance with approved Drawings. Keys of both the Panels have been handed over to NEEPCO by BHEL.

8) NEEPCO advised BHEL to keep one technical person having experience in Fire fighting System at Tuirial Project Site till completion of defect liability period of 18 (Eighteen) months from the date of commissioning.

9) The Fire Fighting System has been demonstrated to NEEPCO officials at site and handed over to NEEPCO by BHEL.

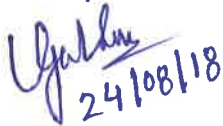
10) M/S Technico –the sub vendor of BHEL has agreed to submit 3(Three) Sets of as-built drawings and manuals of fire fighting system, and all other associated manuals related to fire fighting system of TrHEP on or before 15.09.2018

11) All the fire extinguishers and buckets have been installed in different locations. NEEPCO has, however, observed that expiry date of chemicals in the cylinders is Nov 2018 and wants that BHEL refill all these cylinders prior to expiry.

12) M/S Technico –the sub vendor of BHEL has been requested to submit a detailed list of various devices at Tuirial Project site and a detailed list of maintenance spares for trouble free operation of the system.

For
Technico India Pvt. Ltd


24/08/18


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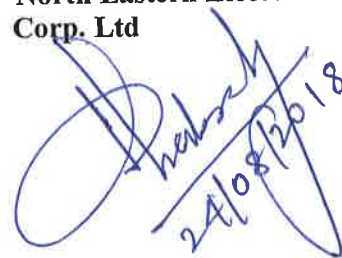
(KASAL SARKAR)



24/08/18

For
Bharat Heavy Elect. Ltd


24/08/2018

For
North Eastern Elect Power
Corp. Ltd


24/08/2018


24/08/18