

Annexure No. 50105167-1-84028 dt 05-07-11

Specification for MECHANICAL HOOTER

- 1- The Hooter shall be manufactured from rust resistant material.
- 2- In case metallic surfaces are liable to rust formation suitable treatment for resistance against corrosion & rust shall be provided.
- 3- The intensity of the sound shall be between 105-110 dB(A) at a distance of 5 meter (when measured in still air in a closed room) & the variation in intensity of sound shall not be more than 5 dB(A).
- 4- The sound of the Hooter shall be audible in all directions in 360 degree.
- 5- The equipment shall have proper & sturdy carrying arrangement to site & for proper fixing for installing as per site requirement.
- 6- The Hooting system shall be capable of operating efficiently inspite of Moist, Rains, Heavy sound storms and radiant heat.
- 7- It should be light in weight 12 kg. Approx., hand operated requiring only one man for its operation.
- 8- It Should be simple rotation based by handle provided separately.
- 9- After 8 to 10 rotation it should produce audible sound up to 500 meters.
- 10- The Hooter should give alarming sound.
- 11- The manufacturer shall produce two proto type samples of the device for conducting (1) Visual examination test, (2) Sound intensity test, (3) Continuous operation test, (4) Corrosion resistance test.
- 12- The manufacturer shall give certificate that Hooters tested as per relevant tests mentioned in this specification and satisfies its provision.
- 13- The device shall be covered by a warranty for efficient working for a period of 12 months from the date of supply.
- 14- A prompt response to the call of the customers is expected in case of any problem experienced in field.
- 15- Adequate training for operation & maintenance for the equipment shall be imparted to Rly. Men by the manufacturer at Rly. Premises.
- 16- Detailed instruction manual for operation and maintenance & trouble shooting be provided with drawing exhibiting clearly all the relevant dimension & parts so that user shall have a clear understanding of the equipment.
- 17- Spare part—(1) The necessary spare parts required from time to time for trouble free operation of the Hooter be listed in detail mentioning.
(2) Description, part No., source of procurement and expected life.
- 18- Along with each equipment, one extra operating handle be provided.

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