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10.08.2020

CoPT OFFICE, NCCRD Building, behind Aerospace Engineering Dept

Corrigendum-1

Tender Reference no: ASE1617134MUAYTMMU038

Name of the Item: Online Coal Characterisation Sensor

Corrigendum details: Additional Technical Specifications, vendors requested in the pre-bid meeting held on 05.08.2020

The addendum numbers are the same as the numbers in the limited tender specifications for easy reference.

1. CHAMBER

- Argon pressure inside the chamber to be within 1 to 2 inch of water column above the atmosphere pressure

2. SCREW FEEDER MECHANISM

- Clearance in the screw conveyor to be < 15 micron as the coal powder size is graded from 5 to 2000 micron

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3. TRAVERSE MECHANISM WITH CUP HOLDING

- Cup should be attached firmly to the gripper with provision for cup replacement

4. HEATING COIL AND POWER SUPPLY

- Rise of temperature to be achieved within 10 seconds in each stage of set temperature - upto 100 C, 100 to 400 C, 400 to 600 C and 600 to 900 C. Temperature tolerance to be + or – 20 degree Celsius. Suitable PID controller to be considered.

5. LOAD CELL:

- Load cell to be insulated from high temperature and magnetic interference

6. CONTROL SYSTEM:

- Plot Weight vs Temp based on time

Tender Inviting Authority:

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