

### Specification of Programmable Flow Indicator Cum Totaliser

- |                              |  |
|------------------------------|--|
| 1. Item                      | : Microprocessor based programmable Flow Indicator Cum Totaliser with inbuilt Square Root Extractor. |
| 2. Range                     | : 0 – 6500 NM <sup>3</sup> /Hr (Programmable).   |
| 3. Power Supply              | : Universal, 90-240VAC.  |
| 4. Input Signal              | : 4 – 20 mA DC.  |
| 5. Operating Temperature     | : 0 to 55 <sup>0</sup> C.  |
| 6. Display Type              | : LCD or LED Type.   |
| 7. Display Size              | : I) Four digits for flow indication.<br>II) Six digits for Totaliser.                               |
| 8. Manual Reset              | : To be provided for Totaliser from front side Push Button.  |
| 9. Calibration/Set point     | : Programmable through front keypad.   |
| 10. Memory Retention         | : Yes, in case of power failure.   |
| 11. Engg. Unit mode          | : Configurable.  |
| 12. Mounting                 | : Flush Panel.   |
| 13. Panel Cut Out Size       | : Preferably Height: 95 mm (max), Width: 95 mm (max.).   |
| 14. Mounting Accessories     | : To be provided.  |
| 15. Quantity                 | : 6 Nos.   |
| 16. Transmitter Power supply | : 24 V DC output from Flow indicator unit for powering field transmitter (two-wire system).          |

**Note:**

- (i) Party should send Technical Literature along with the supply.
- (ii) Party should send operation and maintenance manual along with materials.