

## Notice Inviting e-Tender

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**SUPPLY OF BLOOD-BANK EQUIPMENTS IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.**

(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT- 48 /2014**

**Dated- 02.08.2014**

**The following amendments have been made in the Updated Technical Specification (Amendment: XIV) published on 09/09/2014. The amendments are highlighted in yellow.**

### Amendment - XVIII

#### SCHEDULE - VI

#### DI ELECTRIC TUBE SEALER (PORTABLE TYPE)

- 1 Blood Bag tube sealer is a compact equipment to seal the Blood Bag pilot tubing.
- 2 **The system should be able to seal the Blood Bag tubes quickly and effectively.**
- 3 Should be simple to handle.
- 4 System should gently seal the tubing with no haemolysis using radiofrequency.
- 5 Should be capable of making wide seal of 2 mm thickness.
- 6 The sealing time should not be more than 2 seconds.
- 7 Sealing trigger should be automatic.

8 Minimum weight should not exceed 2.5 Kg with all accessories & rechargeable battery & charger. A carrying case & 1 (one) additional rechargeable battery & charger should be included.

9 Battery & charger should be included in the warranty.

10 Should have indication lamps for “Sealing Process” on handle as well as main unit.

11 No warm – up time should be required.

12 Should ensure easy separation of tube segments after the sealing.

13 System should run on both mains and battery (8 - 10 hrs. back up ).

14 Back up battery should seal more than 800 seals on PVC - tubes in continuous mode.

15 The units shall be capable of operating continuously in ambient temperature of 10 – 40 °C and relative humidity of 15 – 90%.

16 Power input: 220 – 240V/50 Hz AC Single phase fitted with appropriate Indian plugs and sockets.

17 Suitable Autovoltage corrector with spike protector should be available.

18 Electrodes should be well protected by a cover.

19 Certification:

- Product certification: CE Class I or US FDA certified.
- Quality certification: ISO certified.
- Electrical Safety: Equipments meets electrical safety specifications such as that of IEC (Class I) or Class II type – B device to protect against electric shock.
- Shall meet IEC – 60601 – 1 – 2: 2001 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.