

Group (A)

A-1 Malaria (ELISA) test Kits

1. Detection of Antigen of all four species of Plasmodium in Human Whole Blood
2. Assay Time of 90 mins (Maximum)
3. Incubation at 37 °C
4. All reagents are ready to use
5. Specificity 99%
6. Sensitivity 100%

Common specification for Reagents (Test Kit ELISA)

1. Adequate literature detailing the components, methodologies, and validity criteria and performance characteristics of the product should be provided with each kit.
2. The kits to be procured should have approval of the statutory authority in its country of origin to satisfy the requirements of Drugs & cosmetic Act. In India.
3. The assay should have reactive and non- reactive controls with each kit.
4. The supplier / local agent or manufacturer should have an import/ manufacturing license issued by the competent authority for the brand name of the kit offered on the date of bid opening.
5. The manufacturer/-authorized agent should ensure maintenance of cold chain during storage and transport at 2 to 8° C.
6. The kit should have a shelf life of minimum 12 months at the port of discharge or consignees end whichever is later.
1. All Vendors/firms supplying test kits to Blood Bank, P. M. C. H., Patna should get kits evaluated by National Institute of Biologicals, (Ministry of Health & Family Welfare, Government of India) A-32, Sector-62, NOIDA- 201309, Uttar Pradesh

A-2 LISS/Coombs Card for Cross-matching (Gel Matrix):

1. Micro-tubes containing Polyspecific AHG.
2. Modified LISS for red cell suspension:
- 3.

Equipments

A-3 Technical Specification of Dielectric Tube Sealer (Bench Top):

1. Blood Bag Tube Sealer is a compact equipment to seal the Blood Bag pilot tubing.
2. The system should be heavy duty and be able to seal the blood bag tubing quickly and effectively.
3. Should be simple to handle.
4. System should gently seal the tubing with no hemolysis using radio frequency.
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. Should have indication lamps for “Sealing Process”.
9. No warm-up time should be required.

10. Should ensure easy separation of tube segments after the sealing.
11. System should run on both mains and battery (More than 10 hrs backup and charger).
- 2
12. Back up battery should seal more than 500 seals on PVC tubes in continuous mode.
13. The unit shall be capable of operating continuously in ambient temperature of 10 – 40 °C and relative humidity of 15-90%.
14. Power input 220-240V/ 50 Hz AC Single phase or 380-400 AC 50 Hz. Three phases fitted with appropriate Indian plugs and sockets.
15. Suitable Auto voltage corrector with spike protector should be provided.
16. Electrodes should be well protected by a cover.
17. Certifications:
 - Product certification: CE Class II A or US FDA certified.
 - Quality Certification: ISO certified.
 - Electrical Safety: Equipment 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.

A-4 Technical Specification of Dielectric Tube Sealer (Portable battery-operated):

1. Blood Bag Tube Sealer is a compact equipment to seal the Blood Bag pilot tubing.
2. The system should be heavy duty and be able to seal the tube of blood bag etc quickly and effectively.
3. Should be simple to handle.
4. System should gently seal the tubing with no hemolysis using radio frequency.
5. Should be capable of making wide seal of 2 mm thickness.
6. The sealing time should not be more than 2 seconds.
7. Should also have extended portable hand unit Sealing hand should be with coaxial cable 1.5 – 2.0 meter.
8. Should have indication lamps for “Sealing Process” on hand as well as main unit.
9. No warm-up time should be required.
10. Should ensure easy separation of tube segments after the sealing.
11. Back up battery should seal more than 500 seals on PVC tubes in continuous mode.
12. The unit shall be capable of operating continuously in ambient temperature of 10 – 40 °C and relative humidity of 15-90%.
13. Power input 220-240V/ 50 Hz AC Single phase or 380-400 AC, 50 Hz. Three phases fitted with appropriate Indian plugs and sockets.
14. Suitable Auto voltage corrector with spike protector should be provided.
15. Electrodes should be well protected by a cover.
16. Certifications:
 - Product certification: CE Class II A or US FDA certified.
 - Quality Certification: ISO certified.
 - Electrical Safety: Equipment 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.

3

A-5 - Centrifuge Machine- 12 Tubes

1. Brush less Centrifuge
2. Speed range – Max. RPM 4000
3. Max. Ref – 2050
4. Rotor Capacity – 24 tube X 5 ml
5. Motor – Brushless DC Motor
6. RPM Indicator – LCD Type
7. Power – Single Phase – 220V /50hz

NOTE: General for equipments

1. Free warranty for all equipment should be at least for three years and rate for AMC/CMC for another three years.
2. Should provide calibration and AMC every 3 months
3. On placing order, 5% of total cost of equipment to be deposited as bank guarantee.
4. On receiving complaint by phone equipment to be repaired within 24 hours, otherwise a fine of Rs.500/- (Rs.Five hundred) only per day will be levied.
5. An undertaking is required from the company that:
 - (a) In case the supplier is black listed or removed from the company warranty, AMC and CMC will be the responsibility of the company.

FORMAT OF TECHNICAL BID FOR MACHINE / EQUIPMENT/CHEMICAL/REAGENT/ELECTRICAL/MISCELLANEOUS

- 1 Name of Tender*
- 2 Name of Machine / Equipment*
- 3 Name of Manufacturer*
- 4 Model / Sr. No. /*
Size Up to date Model
Up Gradation Facility
- 5 Quality Certificate (Detail)*
(ISI / ISO / ETC)
- 6 Specification. Detail*
(Also give Complains Report)
- 7 Warranty*
- 8 CMC for 3/ 5 / 10 years*
(Excluding Warranty)
- 9 Authorized Distributor/Manufacturer*
- 10 Nearest Service Center*
Details and Phone No.
- 11 Detail of Consumable*
- 12 Installation list*

Name

Signature of Authorized Person

**FORMATE OF COMMERCIAL BID FOR MACHINE /
EQUIPMENT/CHEMICAL/REAGENT/ELECTRICAL/MISCELLANEOUS**

1. *Name of Tender.*
2. *Manufacturer/ Authorized Distributor*
3. *Name of Machine / Equipment/Chemicals/Reagents/Miscellaneous*
4. *Name of Manufacturer*
5. *Model / Size*
6. *Unit Price (Whole System)*
7. *C S T / B S T / E T C*
8. *Total*
9. *Warranty*
10. *CMC of Whole System for 3/ 5 / 10 years*
(Including Warranty Period)

Rate / year
- 11 *Net Price of Whole System for 3/5 / 10 years*

With CMC (Including Warranty Period)
- 12 *Rate of Consumable*

Name

Signature of Authorized Person

0१ 2017-18 के लिए दवा/रसायन, जॉच किट्स, एवं रीऐजेन्ट हेतु तकनिकी निविदा का प्रपत्र

1 निविदा-दाता का नाम

एवं पुरा पता.....

टेलीफोन नम्बर सहित :.....

2 निर्माता / ड्ग लायसेन्स (क) संख्या.....

(ख) जिला

(ग) राज्य.....

3 सी0 एस0 टी0 एवं बी0 एस0 टी0 / वैट : (क) संख्या.....

(ख)जिला

(ग) राज्य.....

(घ) वाणिज्य कर विभाग का अनापत्ति प्रमाण-पत्र अप्रैल 2017 या उसके बाद का

4 क्वालिटी सर्टिफिकेट:-..... संलग्न करें :

5 निविदादाता का स्टेटस :-

(क) निर्माता:-.....

(ख) प्राधिकृत बिक्रेता:-.....

(ग) अगर विदेश से समान मगाया गया है तो इम्पोर्ट लायसेन्स संख्या एवं वैधता की तिथि.....

5 दवा/ रसायन जॉच किट्स, एवं रीऐजेन्ट की सूची :-

(इसी क्रम में निविदा देना है)

संलग्न शर्त के आलोक में अन्य कागजात की छाया प्रति का स्वयं अभिप्रमाणित प्रति संलग्न करें ।

क्रम संख्या	दवा/ रसायन का नाम	मात्रा	समय बाधित तिथि	निर्माता का नाम	क्वालिटी	अभियुक्ति

Name
Signature of Authorized Person