



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,  
JODHPUR**

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Date: - 13/11/2013

**CORRIGENDUM**

**Tender For Rate Contract for**

**Laboratory Kits**

NIT Issue Date : September 09, 2013.  
Pre Bid Meeting held on : September 25, 2013 at 04:30 PM  
Initial Date of Submission : October 03, 2013 at 03:00 PM  
Revised Last date of Submission : November 25, 2013 at 03:00 PM

**List of Required Items:**

<b>S.No</b>	<b>NIT No.</b>	<b>Item Description</b>	<b>EMD (Rs)</b>	<b>Delivery Period (In Days)</b>
<b>1.</b>	Admin/General/101/2013-AIIMS.JDH	Tender for Laboratory Kits	80,000	15 Days

**The following revised and additional terms & conditions will be added:-**

## **Chapter - V**

### **Financial Bid**

#### **List of Laboratory Kits**

##### **1. Specification for Blood Grouping Anti Sera**

###### **Item No. 31: Specification for Anti A and Anti B Antisera, monoclonal, WHO and NIB certified for blood bank use, DG registered and Item No. 47: Anti A, B antibody**

1. Antisera must be appropriate for microplate and tube technique
2. Must be monoclonal antibody
3. Should give clear positive reactions with cells bearing the corresponding antigen
4. Should give clear negative reactions with cells without the corresponding antigen
5. Should not haemolyse the cells.
6. Should not produce rouleaux
7. Avidity (time to positive reaction) less than 4 sec.
8. Titre : 512 or more
9. Must be evaluated and approved by NIB

###### **Item No. 32 Specification for Anti D IgM + IgG**

1. Antisera must be appropriate for microplate and tube technique
2. Should be blend of IgG and IgM monoclonal antibody
3. Should give clear positive reactions with cells bearing the corresponding antigen
4. Should give clear negative reactions with cells without the corresponding antigen
5. Should not haemolyse the cells.
6. Should not produce rouleaux
7. Avidity less than 10 sec.
8. Titre : 128 or more at room temperature and 256 or more at 37 degree C
9. Must be evaluated and approved by NIB

###### **Item No. 33 Specification for Anti D (IgM)**

1. Antisera must be appropriate for microplate and tube technique
2. Should be monoclonal antibody
3. Should give clear positive reactions with cells bearing the corresponding antigen
4. Should give clear negative reactions with cells without the corresponding antigen
5. Should not haemolyse the cells.
6. Should not produce rouleaux
7. Avidity less than 10 sec
8. Titre : 128 or more
9. Must be evaluated and approved by NIB

###### **Item No. 34 Specification for Rapid malaria Antigen detection kit**

1. Should be based on pLDH antigen detection on plastic cassette (not dipstick)
2. Should be Approved by WHO and NIB for Blood Bank screening use.
3. Pan specific band should detect all species endemic in India and additional species specific bands may be there.
4. Sensitivity of the kit at least 95% of P. falciparum infection/cases at 200 parasites per  $\mu$ l of blood and higher at higher parasite density.

5. Should be stable at temperatures up to 40°C, wrapped individually to protect from moisture and supplied along with a dropper and desiccant.

**Item No. 35 Specification for Rapid Plasma Reagin (RPR) test for Syphilis**

1. Should be certified by WHO and NIB for blood bank screening purposes.
2. Should be based on modified VDRL antigen (balanced quantities of cardiolipin, lecithin and cholesterol) combined with charcoal particles
3. Flocculation should be macroscopically visible

**Item No. 36, 37 & 38 Specification for Anti human Globulin reagent**

1. Antisera must be appropriate for microplate and tube technique
2. Should give clear positive reactions with appropriately sensitised cells
3. Should give clear negative reactions with unsensitised cells
4. Should not haemolyse the cells.
5. Should not produce rouleaux
6. Titre :
  - a. For polyspecific (item#38) minimum 128 for IgG and minimum 4 for C3d;
  - b. for monospecific anti-IgG item#36 minimum 256
  - c. for monospecific Anti C3d Item#37 minimum 16
7. Must be evaluated and approved by NIB and IVD (EC)

**Item No. 39 Specification for Gel cassettes/cards for cross matching**

1. Cassettes/cards should have pre filled gels impregnated with polyspecific (blend anti IgG & anti c3d) Anti-human globulin for performing cross matching and coombs tests
2. Should correspond to the Gel card centrifuge received by AIIMS Jodhpur blood bank
3. Should be NIB and IVD (EC) approved

**Item No. 40 Specifications for Coombs Control (check) cells**

1. Should be a ready to use 3-5% suspension of O+ve cells sensitized/saturated with Anti D stabilized with approved preservatives.
2. Should have shelf life minimum 3 months (at least 35 days from date of supply).
3. Should be NIB and European IVD EC approved

**Item No. 41 Specification for antibody screening reagent red cells for gel cassette**

1. Should be ready for use (0.8% suspension) for gel method
2. 3 pure reagent cells (not blend), of which should include one R1R1 and one R2R2 cells
3. Should be able to screen for antibodies against all clinically significant antigens endemic in Asia (including Mi<sup>a</sup>).
4. Should have shelf life of minimum 3 months (at least 35 days from date of supply).
5. Should be NIB and European IVD EC approved

**Item No. 42 Specification for red cell antibody identification panel for gel cassette**

1. Should be ready for use (0.8% suspension) for gel method
2. Panel 11 or more completely phenotyped red cells
3. Should include all clinically significant antigens endemic in India
4. Should include homozygous Jk<sup>a</sup> & Jk<sup>b</sup> cells.
5. Should have shelf life of minimum 3 months (at least 35 days from date of supply).
6. Should be NIB and European IVD EC approved.

**Item No. 43 Specification for enzyme treated cell panel for antibody identification on Gel cassette**

1. Should be ready for use (0.8% suspension) for gel method
2. Should be enzyme treated for enhanced detection of Rh, Kidd, Lewis and Ii system antibodies.
3. Panel 11 or more completely phenotyped red cells
4. Should include all clinically significant antigens endemic in India.

5. Should include homozygous Jk<sup>a</sup> & Jk<sup>b</sup> cells.
6. Should have shelf life of minimum 3 months (at least 2 months from date of supply).
7. Should be NIB and European IVD EC approved.

**Item No. 44 Specifications for Low Ionic Strength Salt Solution (LISS) for Immuno-hematology**

1. Should be from the same manufacturer who provides the AHG gel card
2. Should preferably have pH 6.65–6.85 at 21-23°C
3. Conductivity should be 3.5–3.8 mS/cm
4. Osmolality should be 270–305 mOsmol/kg
5. Should be IVD approved for immuno-hematologic tests.

**Item No. 45 Specifications for Anti-A1 reagent (*Dolichos biflorus* Lectin)**

1. Ready to use *Dolichos biflorus* Lectin solution
2. Should give 2-3+ reaction with 2 seconds for most normal A1 cells and clearly no reaction with A2 cells and O cells
3. Should have a titre of at least 1:8 for A1 cells and 1:4 for A1B
4. Should not hemolyse or form rouleaux
5. Should be Approved by NIB for specific blood bank use for A1/A2 discrimination

**Item No. 46 Specifications for Anti-H reagent (*Ulex europaeus* Lectin)**

1. Ready to use *Ulex europaeus* Lectin solution
2. Should give 4+ reaction with 3 seconds for most normal O cells and clearly no reaction with Bombay cells.
3. Should have a titre of at least 1:8 for O cells
4. Should not hemolyse or form rouleaux
5. Should be Approved by NIB for specific blood bank use

**Item No. 48 Specification for Sickle carrier detection kit**

1. Should be based on insolubility/turbidity of reduced sickle haemoglobin in acidic environment
2. Should be CE certified and IVD Approved for sickle carrier screening purpose
3. Should be supplied with required ready to use buffer and reagents (composed of lysing and precipitating components) as well as sufficient positive and negative controls for all the reactions.
4. Should have Shelf life more than 10 months and open vial stability of more than 1 month.

**Item No. 49 Specifications for Phenotyping antisera kit for doing minor antigen profile**

1. Should include individual vials of the following sera: Anti C (Big), Anti c (small), Anti E (Big), Anti e (small), Anti Le<sup>a</sup>, Anti Le<sup>b</sup>, Anti M, Anti N, Anti S (Big), Anti s (small), Anti P1, Anti K (Big), Anti k (small), Anti Fy<sup>a</sup>, Anti Fy<sup>b</sup>, Anti Jk<sup>a</sup>, anti JK<sup>b</sup>, Anti Js<sup>a</sup>, Anti Js<sup>b</sup>, Anti Lu<sup>a</sup>, Anti Lu<sup>b</sup>, Anti U, Anti I (Big), Anti i (small),
2. The kit should include its own supply of Anti human globulin reagents including Anti IgG, Anti IgM, Anti IgA, Anti C3 and Anti C4
3. Expiry of Anti sera should be more than 1 Year at the time of supply
4. Should be IVD approved for monor blood group phenotyping purpose

**Item No. 50 Specifications for RBC antibody elution kit**

1. Ready to use kit for elution of antibodies coated onto Red cells for the purpose of antibody identification after a positive DAT test.
2. Should be CE and IVD approved for immuno-hematologic testing purpose
3. Should have shelf life of more than 1.5 years from the date of supply.

**Item No. 51 Specifications for pH calibration buffer fluids**

1. Should include readymade liquid color-coded buffers of 3 pH values (preferably 4, 7 & 9 or 10)
2. Should be CE and ISO 9001 certified

3. Should be compatible with standard commercial pH electrodes include calomel electrode.
4. Buffer pH accuracy and certificate of traceability to national and international standards should be provided.

## **2. On Page No. 6 and Point No. 11, Para 1**

### **For:**

#### **Performance Security:**

The successful tenderer will be required to furnish **Rs 1,00,000/- (Rs. One Lakh only)** as performance Security Deposit in the form of fixed Deposit Receipt or Bank guarantee from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Jodhpur" for the period of one and half year from the date of award of the contract within 10 days from the date of acceptance of the tender.

### **Read:**

#### **Performance Security**

The EMD of successful bidders will be converted into Performance Security and will be returned after completion of Rate Contract. All types of firms like NSIC registered / SSI etc. shall be required to submit Performance Security as per contract.

## **3. On Page No. 7 and Point No. 12**

### **For:**

#### **Period and Terms of Delivery:**

Delivery of goods shall be made by the supplier within 3 days of placing of purchase order, however, in case of emergent requirement he has to supply the required quantity of goods within 24 hours of placing of order also. In few cases the items are to be delivered at a very short notice i.e. within 1-2 hours.

### **Read:**

#### **Period and Terms of Delivery:**

Delivery of goods shall be made by the supplier within 15 days of placing of purchase order, however, in case of emergent requirement he has to supply the required quantity of goods within 24 hours of placing of order also.

## **4. On Page No. 7 and Point No. 13, Para No. II**

### **Liquidated Damages**

#### **For:**

(ii) Should the supplier fails to deliver the store or any consignment thereof within the period prescribed for delivery, the purchaser shall be entitled to recover 1 % of the value of delayed supply for a period up to 2 (two) weeks and thereafter at the rate of 10 % of the value of the delayed supply for another 2 (two) weeks of delay. In the case of package supply where the delayed portion of supply materially hampers installation and commissioning of the systems, liquidated damages charges shall be levied as above on the total value of the concerned package of the purchase order. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.

### **Read:**

Supply of material will have to be completed within 15 days or period mentioned in the purchased order. The liquidated damages charges @ 0.5% per week shall be imposed if supply made after expiry of delivery period subject to maximum 10% of the total value of goods/contract value. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.

**5. On Page No. 11 and Point No. 36**

**For:**

The firm should have an Office or a Branch Office located at Rajasthan Availability of a responsible person on call on all working days between 09:00 Hrs to 18.00 Hrs.

**Read:**

The firm should have availability of a responsible person on call on all working days between 09:00 Hrs to 18.00 Hrs.

**6. On Page No. 18, Format for Financial Bid**

**For:**

**Column No.: 4:** Approximate requirement of item in one year

**Read:**

As Deleted.

**7. On Page No. 20, Item No. 32, 33, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 and 50**

**For:**

**Column 2: Name of Item**

Preferably Diamed / Immucor / Johnson & Johnson or any similar international company

**Read:**

**As Deleted**

**8. ADDED:**

**Item No. 52 HIV/HBS-AG/HCV/Kits**

**Will include both rapid kits and ELISA kits as below:**

Certificate of satisfaction from 3 reputed Central Govt Institutes of National Importance (eg AIIMS, PGI Chandigarh, SGPGI Lucknow, JIPMER Pondicherry) should be provided as well.

**Specification for ELISA kits for HBsAg**

1. Wells coated with two or more monoclonal anti-HBs to reduce chance of missing mutants
2. Should detect all subtypes e.g. ad, ay, etc and variants and mutants reported till date
3. Ultra-sensitive assay having Analytic Sensitivity < 0.1 ng/ml
4. Should be compatible with automated as well as manual ELISA techniques
5. Sensitivity should be over 99.9 % of WHO and NIB panels.
6. Specificity should be over 99.8 %.
7. TMB Substrate should be stable over 4 hours at 15-30°C.
8. The kits should be CE- marked and IVD approved
9. Must be evaluated and approved by NIB

**Specification for ELISA KITS for HCV**

1. Wells coated with synthetic peptide including NS 3, NS 4, NS 5.
2. Sensitivity should be over 99.8% of WHO and NIB panels.
3. Specificity should be over 99.8%.
4. Should be compatible with automated as well as manual ELISA
5. Studies with PCR correlation for specificity and sensitivity
6. TMB Substrate should be stable over 4 hours at 15-30°C.
7. The kits should be CE- marked and IVD approved
8. Must be evaluated and approved by NIB

### **Specification for ELISA Kits for HIV 1 & 2 (4<sup>th</sup> Generation)**

1. Kit should detect Antibodies to HIV -1 and HIV-2 and Antigen P24 simultaneously
2. Should be compatible with automated as well as manual ELISA
3. One step procedure with specificity of 99 % and Sensitivity should be over 99.9 % of WHO and NIB panel.
4. TMB Substrate should be stable over 4 hours at 15-30°C.
5. The kits should be CE- marked and IVD approved

### **Specification for Rapid Kits For HBsAg, Anti-HCV and Anti-HIV1+2**

1. Should be based on lateral flow immunoassay/capture principle
2. Should have in built quality control band or dot
3. Should have short interpretation time not more than 30 minutes
4. Should have specificity >98% and sensitivity of 99.9 % of NIB/WHO panel Must be evaluated and approved by NIB

#### **9. ADDED:**

**In page no. 10, Para No.31: Following more Brands / companies are added in the list as follow:**

1. Tulip Diagnostic Pvt. Ltd.
2. Accurex Biomedical Pvt. Ltd.
3. Bio Rad
4. Johnson & Johnson
5. Immucor
6. Biomeriux
7. Roche

#### **10. Added:**

**On Page No. 23 in List of Laboratory Kits the following is added:  
Item No. 53**

Any other Laboratory Kits

#### **11. ADDED:**

- (i) Freight, insurance charges, if any will be borne by the supplier, Similarly shortage, pilferage in transit will be sole responsibility of the supplier and the same will be intimated to the supplier on receipt of goods by the purchaser for resupply. The defective supply will have to be replaced by the supplier within 10 days without additional freight / transport charge.
- (ii) Delivery / Supply will be made on F.O.R. basis to this Institute, by road or rail transport.
- (iii) VAT and other Govt. levies will be paid extra as applicable by the supplier.
- (iv) Delivery of goods will be taken at the risk and cost of the supplier from railway / road transport.
- (v) Payment of the bill will be made preferably within 30 days on receipt of the goods in satisfactory condition.
- (vi) No revision in rate (on higher side) will be accepted during contract period.
- (vii) Order will be placed as per requirement, irrespective of value of the order.
- (viii) Supply should be made in full against the order and shortage will be procured from other supplier on the risk and cost of the original supplier.
- (ix) Supply should be made from the latest batch of production with maximum life period & original packing.
- (x) Pre-receipted bills should be sent alongwith goods.

- (xi) While submitting the tender document, the tenderer should sign on each page of the tender document.
- (xii) The tenderer should enclose a signed copy of the terms & conditions stipulated for award of the contract, conveying his acceptance of the same.
- (xiii) The purchaser reserves the right to conclude more than one rate contract for the same item.
- (xiv) The purchaser as well as the supplier may withdraw the rate contract by serving suitable notice to each other. The prescribed notice period is generally thirty days.
- (xv) The purchaser has the option to renegotiate the price with the rate contract holder.

## **12. ADDED:**

### **Price List / Catalogue**

- **Printed & bounded latest price list (in hard copy and soft copy on DVD) duly signed & certified by authorized signatory must be submitted along with the tender.**
- **The Maximum discount offered by supplier to AIIMS Jodhpur on price list should also be mentioned in the financial bid.**
- An undertaking may be given that the price list being furnished with the proposal will remain valid for the current rate contract for one year.
- Photocopy of the price list and price list in spiral binding will not be accepted.
- Trade discount along with certificate certifying that higher discount is not given to any other Department then offered.
- In Case of discrepancy between unit price & total price, the unit price shall prevail.

## **13. Inspection:**

- (i) AIIMS, Jodhpur shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the AIIMS, Jodhpur.
- (ii) AIIMS, Jodhpur right to inspect, test and, where necessary, reject the Goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by AIIMS, Jodhpur prior to the goods shipment.
- (iii) The Director, AIIMS Jodhpur shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
- (iv) No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.

## **14. Sample/Demonstration:**

The tenderers may be required to submit samples of the quoted item during the technical evaluation, if required failing which their bids/offer shall be rejected.

The firms are intimated that they should get ready for demonstration and only one-week time will be provided for arrangement of demonstration and no request for extending time for demonstration will be entertained. Failure to demonstrate, their offer will be summarily rejected.



## **15. Documents:**

- (i) All pages of the Tender should be numbered and indexed.
- (ii) The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully confirm to the goods and services specified by the AIIMS, Jodhpur in the tender documents. For this purpose the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the AIIMS, Jodhpur in the tender documents to establish technical responsiveness of the goods and services offered in its tender duly indicating relevant page numbers in the product literature.
- (iii) The bidder shall provide a list of major Government and Private Institutions where its relevant bid item has been supplied during last one year.

**Administrative Officer**  
**AIIMS Jodhpur**