

Specification of 5 Part Differential Haematology Analyser

<p align="center">Specification as per the Tender Notification in Chapter 4</p>	<p align="center">Amended Specifications as per the Pre Bid meeting held on 22-02-2018 in Chapter 4</p>
<p>➤ It should be fully automated 5 Part differential hematology analyzer based on flow Cytometry, Light scattering and Peroxidase staining technology. Instrument should offer automatic start-up, shut down and sample analysis which should be suitable for animal and human samples.</p>	<p>No change</p>
<p>➤ It Should have five discrete analysis modes CBC, CBC+ DIFF, CBC + Retic, CBC+Retic+Diff & Retic only.</p>	
<p>➤ Should give 33 or more parameters i.e. WBC, RBC, HGB, HCT, MCV, MCH, MCHC, CHCM, RDW, HDW, CH, CHDW, PLT, MPV,PDW, PCT, % RETIC, # RETIC , MCVr, CHCMr, RDWr, HDWr, CHr, CHDWr., A solute & % values for NEUT, LYMPH, MONO,EOS, BASO, LUC, morphology results (user definable) like WBC : Left Shift , Atypical Lymph , Immature Granulocytes, RBC: NRBC, ANISO, MICRO, MACRO, RBC Ghosts.</p>	
<p>➤ Should have the capability to perform veterinary application with minimum of 20 pre programmed species & 30 programmable slots.</p>	
<p>➤ The veterinary multispecies software should be user friendly.</p>	

<ul style="list-style-type: none"> ➤ Should have an Auto Sampler with capacity of 150 sample tubes at a given time. A single sample rack should be able to cater different tube sizes. 	
<ul style="list-style-type: none"> ➤ Should have high throughput of 120 samples per hour or more in CBC and CBC / Diff. mode & 74 samples per hour or more in Retics mode. 	
<ul style="list-style-type: none"> ➤ Should have multi-channel analysis for better resolution & reproducibility's like Dual differential count for WBC Platelets – Should have Dual angle Light Scatter RBC – Should have light Scatter HGB – Should have photometric and direct cellular measurement Retics – Should have on board, light scatter (fluorescent dye) for Reticulocytes. 	
<ul style="list-style-type: none"> ➤ Should have clot detection facility. 	
<ul style="list-style-type: none"> ➤ Should have on-board reagents facility with maximum of up to 7 reagents on board and automatic reagent inventory management. 	
<ul style="list-style-type: none"> ➤ Should have capability of cross checking of parameter such as WBC, MCHC, Hb. 	
<ul style="list-style-type: none"> ➤ Should had have extensive linearity as WBC - 0.02- 400 x 10³ /ul RBC - 0 - 7.0 x 10⁶ / ul PLT - 5 - 3500 x 10³ / ul HGB - 0- 22.5 g/dl RETIC – 0.2- 24.5% 	
<ul style="list-style-type: none"> ➤ Should be free of tubing's & pinch valves ensuring low maintenance requirement. 	
<ul style="list-style-type: none"> ➤ Should have FDA approved capability of running CSF fluids. 	

<ul style="list-style-type: none"> ➤ Carryover of < or = to 1 % for all parameters. 	
<ul style="list-style-type: none"> ➤ Sample volume required in all modes not to exceed 175ul. Dead volume required < 300 ul. 	
<ul style="list-style-type: none"> ➤ Should be capable of reporting unique additional parameters such as CHr-reticulocytes HGB measurement to aid in anaemia treatment. 	
<ul style="list-style-type: none"> ➤ Should have extensive QC features 	
<ul style="list-style-type: none"> ➤ Should have comprehensive Data management such as <ul style="list-style-type: none"> User friendly Windows based software Network integration possible with lab information system Database storage capacity of 10,000 records including graphics 	
<ul style="list-style-type: none"> ➤ The quotation should be submitted with 3 yrs warranty. 	
<ul style="list-style-type: none"> ➤ A suitable branded computer with colour laser printer should be supplied with the instrument. 	

Sd/-
Purchase officer

General Terms and Conditions applicable to all 13 tenders published in newspaper on 19th February 2018 and exhibited in NIPER Guwahati website.

Following additional information is provided for the information of prospective bidders for 13 different items for which tender inquiry is issued:

1. Payment terms:

Considering the request made by few prospective bidders during the pre-bid conference held in the institute on 22nd February 2018, regarding payment terms related with foreign suppliers it is clarified that the **indicated payment terms in the tender documents still remains unchanged.** However Director, NIPER Guwahati **at his own discretion** can consider any other mode of payment requested by suppliers based on the reputation, credentials of foreign suppliers in the field and also protecting the interests of NIPER Guwahati. **No request for advance payment will be considered.**

2. Clarification with regard to projecting the cost implications of free delivery of the item at NIPER Guwahati premises.

Subsequent to the Pre-bid conference with regard to projection of price for items coming from abroad, the following guidelines may be followed:

- A) The F.O.B. C.I.F., C.I.P. prices as per the suppliers quote should be indicated in foreign currency only
- B) The additional cost towards payments of custom duty against duty exemption certificated provided by the institute, clearance charges, forwarding consignment from port of clearance to NIPER Guwahati premises etc. can be quoted in Indian currency.

For comparing the price with other bids, the institute at the time of preparing comparative chart for the tenders, the total F.O.B., C.I.F., C.I.P. cost will be converted into equivalent Indian currency at the exchange rate prevailing on the date of tender opening i.e. 13th February

2018 at 1500 hours IST and add the equivalent Indian currency value to the clearance and forwarding charges indicated by the supplier.
