

Tender No. : DID3660L15/L2  
Tender Date : 26.05.2014  
Bid Closing On : 03.07.2014 at 13:00 hrs.(IST)  
Bid Opening On : 03.07.2014 at 13:00 hrs.(IST)

**Tender issued to following parties only:**

Slno	V_Code	Vendor Name	City/Country
1	200246	SURGICAL MART	DIBRUGARH
2	202169	BRAHMAPUTRA PHARMACEUTICALS	DIBRUGARH,.
3	204708	MEDICAL FILM SURGICAL	TINSUKIA
4	204929	BIO-RAD LABORATORIES (INDIA) PVT. L	KOLKATA
5	208731	TRANSASIA BIO-MEDICALS LTD	MUMBAI
6	208867	B.D. DIAGNOSTICS	KOLKATA
7	211214	BACKMAN COULTER INDIA	Kolkata
8	401376	MERCK SPECIALITIES PRIVATE LIMITED	KOLKATA

**OIL INDIA LIMITED**  
(A Govt. of India Enterprise)  
P.O. Duliajan-786602, Assam

E-mail:material@oilindia.in, Fax No.91-374-2800533

**Tender No. & Date : DID3660L15/L2 26.05.2014**

Bid Security Amount : INR 0.00 OR USD 0.00  
(or equivalent Amount in any currency)

**Bidding Type : Single Bid (Composite Bid)**

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Performance Guarantee : Not Applicable

OIL INDIA LIMITED invites Limited tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
<b>10</b> 0C000338	<p><b><u>MACHINE</u></b> <b>Specifications for a 5 Part differential Hematology Analyzers</b></p> <p><b>The instrument must meet or exceed the following requirements:</b></p> <p><b>Must perform and display results of hematological analysis on at least the following parameters:</b></p> <p><b>White Blood Cell Count</b>  <b>Lymphocyte - Percentage and Absolute Number</b>  <b>Monocyte - Percentage and Absolute Number</b>  <b>Neutrophil - Percentage and Absolute Number</b>  <b>Eosinophil - Percentage and Absolute Number</b>  <b>Basophil - Percentage and Absolute Number</b>  <b>Red Blood Cell Count</b>  <b>Hemoglobin</b>  <b>Hematocrit</b>  <b>Mean Corpuscular Volume</b>  <b>Mean Corpuscular Hemoglobin</b>  <b>Mean Corpuscular Hemoglobin Concentration</b>  <b>Red Cell Distribution Width</b>  <b>Platelet Count</b>  <b>Mean Platelet Volume.</b></p> <p><b>The instrument must require ZERO ROUTINE DAILY MAINTENANCE that includes utilization of the following features:</b></p> <ul style="list-style-type: none"> <li>- Automatic Start-up and Shut-down cycles</li> <li>- No peristaltic tubing</li> <li>- Cleaning agent which eliminates the need for routine bleaching</li> <li>- Complete needle and aspirator rinsing between samples</li> <li>- No need for routine part removal and cleaning</li> </ul> <p><b>The instrument must have closed and open tube aspiration.</b></p> <p><b>The instrument must be able to aspirate any sample taken in any Vial(inhouse prepared EDTA vials made in glass penicillin vials)</b></p>	1	NO

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	<p>Have two (2) identification fields, each of which can be alphanumeric or alpha or numeric, one field up to 16 characters, one field up to 25 characters.</p> <p>Must have the option to add a bar code reader for sample identification.</p> <p>Must aspirate no more than 55ul of whole blood from either closed or open tube.</p> <p>Must have an optimal throughput of 80 samples per hour.</p> <p>CBC/DIFF must be stable for 24 hours at room temperature.</p> <p>CBC must be stable for 48 hours at room temperature.</p> <p>Must preheat reagents to 35oC for analysis in counting area.</p> <p>Must produce sequential dilutions from a single aspiration of blood.</p> <p>Must provide autotyping of patient, control, calibration and reproducibility data.</p> <p>Must provide 2 different tube holders standard.</p> <p>Closed tube mode must be able to accommodate multiple different sample tube types and sizes.</p> <p>Closed tube mode must be able to run controls without removing cap.</p> <p>System must be able to accommodate most micro-sample tubes.</p> <p>Must be able to choose CBC only to conserve DIFF reagents and lower operating costs.</p> <p>Requires 53 µL whole blood for analysis in CBC/DIFF mode and 30 µL whole blood in CBC only mode.</p> <p>Requires a minimum tube fill of 1.0 ml of blood when processing samples in the automated (cap-piercing) mode.</p> <p>Must have STAT capability on cap-piercing mode including optional bar-code identification.</p> <p>Must be able to switch from closed to open tube without having to change screens or modes on computer.</p> <p>Must utilize a single cap-piercing needle that requires no routine replacement to reduce operational costs and biohazard contamination.</p> <p>Cap-piercing needle should be a single assembly that both pierces and vents while minimizing trauma to the rubber cap.</p>		

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	<p><b>Must provide sensing alerts for low reagents, and must be able to display real-time reagent volumes.</b></p> <p><b>Must validate reagent lot number entries.</b></p> <p><b>RBC, WBC, and PLT counts must be based on duplicate counting</b></p> <p><b>WBC Differential must be measured in two channels using multiple technologies:</b>  <b>Absorbance (Flow cytochemistry)</b>  <b>Impedance Volume (resistivity)</b></p> <p><b>Manufacturer must provide commercial control material for quality control of the CBC, Differential, RDW, and MPV parameters.</b></p> <p><b>Must use Impedance Technology for measuring RBC, WBC and PLTs.</b></p> <p><b>Must not need a separate power or pneumatic supply.</b></p> <p>Analyzer must be small enough to require less than 2 square feet of counter-top not including the PC or Printer.</p> <p>Must have an internal clock.</p> <p>Must provide duplicate counting and voting of results for more precise RBC, PLT, and WBC counts.</p> <p>Must have automatic rinsing/cleaning of aspiration needle between samples.  Must have visual display of RBC volume distribution curves over the range 30 - 300 fL using 256 channels.</p> <p>Must have visual display of Platelet volume distribution curves from 2 - 30 fL.</p> <p>Must use a laser printer.</p> <p>Must have the ability to assign sample and patient identification.</p> <p>Must have the following features to aid in troubleshooting:</p> <ul style="list-style-type: none"> <li>- On-line maintenance log</li> <li>- On-line error log</li> <li>- On-line reagent log</li> <li>- On-line Start Up log</li> <li>- On-line Calibration log</li> <li>- On-line Service log</li> <li>- On-line Operator's manual</li> </ul> <p>Must provide the operator with the option of running:</p> <ul style="list-style-type: none"> <li>- Closed tube sampling mode</li> <li>- Open tube sampling mode</li> </ul> <p>Instrument function must be controlled by a PC-based Data Management System. Operator-to-</p>		

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	<p>instrument interface must be via the PC.</p> <p>Closed tube aspiration assembly must be completely closed off from operator to prevent exposure to biohazards</p> <p>Manufacturer must provide on-site training and support upon installation.</p> <p>Field service personnel must be manufacturer trained and certified.</p> <p>Manufacturer must supply on-site service engineers that can be on-site within 24 hours in most cases.</p> <p><b>DMS</b> Must provide a PC based Data Management System offering flexibility for easy interfacing and addition of peripheral devices.</p> <p>Data Management System must be able to provide:</p> <ul style="list-style-type: none"> <li>- 10,000 sample results including all displays plus all Sample Analysis screen displays.Upto 50000 sample result can be stored</li> <li>- 24 control files, each file with a 100 data line capacity.</li> <li>- Set up of files for CBC only and CBC/DIFF.</li> <li>- Date and Time on control run display.</li> <li>- Transmission of single patient data with a single key command.</li> <li>- A choice of Positive sample identifiers with manual or bar-code entry. <ul style="list-style-type: none"> <li>- Two identification fields, each of which can be alphanumeric or alpha or numeric, up to 16 characters or up to 25 characters.</li> </ul> </li> <li>- A chartable report format from a printer, including patient demographics data</li> <li>- Abnormal cell classification software for quick identification of abnormal specimens.</li> <li>- Bi-directional communication capability with Laboratory Information Systems.</li> <li>- 5 preset result ranges for age and gender</li> <li>- 14 definable result ranges</li> <li>- 3 different report printout formats with definable options.</li> <li>- Log files for Start-up, QC, Reproducibility, Maintenance, Service and Error</li> <li>- Sorting of patient data by sample or patient ID, sequence number or name.</li> <li>- CBC/DIFF displays to include DiffPlot, WBC, RBC and PLT histograms</li> <li>- Must provide a Work list with capabilities to include: <ul style="list-style-type: none"> <li>- Preassigned sample identification.</li> <li>- Time and date each sample processed.</li> </ul> </li> <li>- Must be able to accept patient demographic information from LIS <ul style="list-style-type: none"> <li>- Must combine the following QC techniques: <ul style="list-style-type: none"> <li>Storage and analysis of commercial control data</li> <li>Daily instrument checks</li> <li>Patient results review by operator</li> <li>Storage of patient results with XM analysis</li> <li>Output of QC records for participation in IQAP program</li> </ul> </li> </ul> </li> </ul> <p><b>Differential</b> Must provide WBC differential analysis in two channels using multiple technologies of impedance volume, and absorbance cytochemistry with flow</p>		

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	<p>cytometry and resistivity volume to maximize resolution, specificity and efficiency.</p> <p>Must require a maximum of 5 reagents including cleaning agent for CBC with Differential in order to minimize inventory, cost/cycle, lot-to-lot quality control, maintenance and calibration.</p> <p>Must use a Dual Focused Flow Cell to analyze WBC's for differential with Separate PC.</p> <p>— Must Have IQAP program.</p> <p>--- Must provide annual maintenance contract for 4 years after installation</p> <p>Must have minimum fo 3 service engineers based in Upper Assam</p> <p>Must have a minimum of 20 -25 installations in the North East.</p>		

**Standard Notes: (1) VALIDITY : Your offer must be valid for 75 days from the date of bid opening. Offer with inadequate validity will be rejected.**

**(2) The offer should be submitted in Duplicate.**

**(3) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of a sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).**

**(4) In the event you authorize your dealer/stockist/channel partner to quote on your behalf, the dealer/stockist/channel partner while submitting bid should mention on the body of the envelope that they are submitting bid on your behalf.**

**In the event the dealer/stockist/channel partner do not mention the name of their OEM/principal on the body of the envelope, the offer shall be treated as unsolicited offer and will not be considered for opening.**

**The dealer/stockist/channel partner should take note of above while submitting bid on behalf of their OEM/principal.**

**(5) For order with F.O.R. Destination term, 100% payment against despatch documents will not be entertained. In this regards please refer payment terms in ANNEXURE-MM/TENDER/LP/01/06.**

**(6) To evaluate the inter-se ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Government of Assam Guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their bids.**

**(7) Bidder must mention page no./nos. in every pages of their offer.**

**(8) Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.**

**(9) Bidder should clearly mention their name and address on the outside of the envelope containing their offer.**

**(10) In the event of receipt of only a single offer against the tender within B.C.date, OIL reserves the right to extend the B.C. date as deemed fit by the company. During the extended period, the bidders who have already submitted the bids on or before the original B.C date, shall not be permitted to revise their quotation**