

OFFICE OF DISTRICT AGRICULTURE OFFICER , RANCHI

District Agriculture Combined Building,

Krishi Bhawan, Campus, Kanke Road, Ranchi

Pin. No. - 834008, (Jharkhand)

TENDER NO....Tender/DAO(STL)-1-2021- 22 PR263850 (Agriculture) 21-22(D)

Tender is invited in two bid system- (1)Technical bid (2) Financial bid from manufacturers/authorized distributors/dealers/registered suppliers/ reputed firms / government undertakings /separately for supply of laboratory Machinery/ Equipments / Chemicals / General lab items etc. / for Soil Testing Lab Ranchi, Jharkhand

Tender document can be downloaded from website: www.sameti.org / www.atmaranchi.in and tender fee can be submitted with the hard copy of tender documents in the form of DD payable to “**SAHAYAK MITTI RASHAYAN VID RANCHI**” payable at Ranchi and placed in a separate envelope marked “Tender Fee & EMD” and should be kept in the bigger envelope for Technical Bid .

- a) Date of Publication of Tender – Tender will be published on **15.02.2022** Document can be downloaded from the website
- b) Cost of Tender documents – Rs. 500/- (Five hundred only)(Non-refundable) in the form of demand draft in favour of “**SAHAYAK MITTI RASHAYAN VID RANCHI**” payable at “Ranchi”.
- c) Documents download period **15.02.2022 to 21.02. 2022**
- d) Bid submission period - From **15.02.2022 to 21.02. 2022** upto 4.30 pm.
- e) Last date of submission of Demand Draft of tender document cost, EMD and tender documents **21.02. 2022** up to 4.30 pm at Office of Assistant Soil Chemist,Soil Testing Lab, Ranchi, Krishi Bhawan Campus, Kanke Road, Ranchi – 834008..
- f) **Opening of bid** – On **22.02. 2022** at 02:30 pm in the office of The District Agriculture, Ranchi in front of Tender Committee. All the bidders or their dully authorized representative may remain present at the time of Tender opening for any clarification sought by the Tender Committee.
- g) Tender received after due date and time will be rejected.

TERMS AND CONDITIONS

The tender should be submitted in two parts as Technical bid and Financial bid

Scope of Supplies:

Annexure-A-Laboratory Equipment/ Instruments.

Annexure-B-General lab items and Lab Chemicals.

- h) The tender should be submitted in three separate sealed envelopes (three parts). All the three envelopes should be kept in one bigger (single) envelope duly sealed and submitted in prescribed office: Office of Assistant Soil Chemist,Soil Testing Lab, Ranchi, KrishiBhawan Campus, Kanke Road, Ranchi – 834008, (Jharkhand),
- (a) **Envelop- I** : It should contain Tender Document Fee& EMD in the form of DD in favour of “Assistant Soil Chemist, *Ranchi*” payable at Ranchi. Envelop should be super scribed “**TENDER DOCUMENT FEE & EMD**” DD number and its amount should be written on the top of envelop.
Envelop – II: It should contain all the documents required for technical bid. Envelop should be super scribed “**Technical BID**”
- (b) (c) **Envelop – III:** The envelop should consist of only **financial offer** : The cost of each

item/equipment should be distinctly quoted in figures as well as in words. The rate/price quoted should be inclusive of Excise Duty, if any, and all taxes (GST), Freight, Insurance, etc. Envelop should be super scribed “**Financial Bid**”

- i) Technical Bid, Financial bid, Tender Document Fee and EMD will be received Office of Assistant Soil Chemist, Soil Testing Lab, Ranchi, Krishi Bhawan Campus, Kanke Road, Ranchi – 834008, (Jharkhand)
- The vendor/bidder(s) are required to submit the tender document on their letterhead along with the endorsed (by seal & signature) copy of the technical and financial bids(s) as acceptance of terms and conditions.
 - Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.
 - Quotations should be valid for 120 days from the tender due date.
 - A minimum of two year warranty is required from the date of commissioning.
 - Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) in original should be sent along with the technical bid.

The tender document must be accompanied by

- i) Self attested Photo copy of PAN card of the Firm.
 - ii) Self attested Photo copy of GST Registration.
 - iii) Turn over statement of previous three financial years on companies letter head.
- The Vendor must be able to provide the product/items within 25-30 days from the receipt of supply order./ purchase order, failing the EMD will be forfeited.
 - Furthermore on completion of the stipulated time period, Purchase Order will be cancelled and award will be given to another qualified bidder with the negotiated terms & conditions.
 - The turnover of the participating firm should not be less than ten lakh each year,. Bidder should provide a certificate stating that model quoted is latest in the quoted price range, of the concerned manufacturing company.
 - In the event of any dispute or difference(s) between the vendee District Agriculture Officer, Ranchi and the vendor(s) arising out of non-supply of material or supplies not found according to the specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to the Director Agriculture, Jharkhand who will decide the matter himself, his decision shall be final and binding on both the parties.
 - The place of arbitration and the language to be used in arbitral proceedings shall be decided by Director Agriculture Jharkhand.
 - All disputes shall be subject to Ranchi Jurisdiction only.
 - District Agriculture officer, Ranchi reserves the rights to accept/reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof.
 - Any offer containing incorrect and incomplete information shall be liable for rejection.
 - Any effort by any bidder / supplier to influence District Agriculture officer’s, tender evaluation, tender comparison or contract/order award decisions may result in the rejection of the supplier's tender and forfeiture of the supplier's EMD.
 - After opening of bids, information relating to the examination, clarification, evaluation and comparisons of bids and recommendations concerning the award of contract shall not be disclosed to bidders or other persons not officially concerned with such process.
 - Technical bid envelop should contain all the technical details along with the proof of specification of the tendered items with original brochures.
 - The equipment must have standard certifications like CE/VDE/GS/ISO/EPA/DIN/BIS certificate and the same should be enclosed in the technical bid envelop, along with EMD price of tender document & other supporting papers.
 - Bidders should have annual turnover of at least ten lakh per year for previous three years certificate regarding this should be enclosed in the technical bid envelop as stated above.

- Bidders / representatives may remain present on the date of technical bid opening; no separate information will be delivered to the bidder regarding attending the meeting of the tender committee.
- Conditional tender will not be accepted.
- Basic price of the equipment (F. O. R.), all taxes, duties etc. must be indicated clearly & separately.
- Quoted rate should be in INR and valid for 120 days from the tender due date.
- The bidder / The manufacturer should not be black listed by any state government / central government/semi government institutions a certificate or under taking to this effect must be submitted along with technical bid document on the letter head of bidder
- The rates of the quoted items should be kept fixed for the entire contract period from the last date of tender submission.
- No revision in rates/prices will be allowed.
- After acceptance of the tender, the bidder will have no right to withdraw his tender or claim a higher price.
- Tenders with incomplete information will be summarily rejected.
- The Technical Bid will open on 22.02.2022 at 2.30 pm
 - a. The bidders or their authorized representative may remain present during the opening of the Technical bid on their own expenses.
 - b. Only those financial offers will be opened whose technical offers are found suitable by the tender committee.
 - c. The committee may negotiate price with the technically and financially qualified bidder before awarding the offer.
 - d. The Tender Committee/District Agriculture Officer, Ranchi, reserve its right to select or reject tender without assigning any reasons.
- A demand draft of Rs.500/- (Rupees Five hundred Only) towards non-refundable Tender document fee and refundable EMD Rs 5,000/- (Rupees Five Thousand Only) as a demand draft from a Nationalized bank/Schedule bank in favor of “**SAHAYAK MITTI RASHAYAN VID RANCHI**” payable at Ranchi placed in a separate envelope in technical bid envelop marked “Tender Fee & EMD. Tender fee and EMD issued by Co-Operative banks will not be accepted.
- Without the Tender Fee and EMD the bid will not be considered. The EMD of the successful bidder will be returned to them without any interest after completing the successful installation and required training.. The earnest money of unsuccessful bidders will be returned to them without any interest after the completion of procurement process.

OTHER TERMS AND CONDITIONS:

- The bidder must be registered under relevant act.*
1. *Each sheet of the tender document must be signed by the bidder.*
 2. *The bidder is expected to examine all instructions, forms/annexure, terms and conditions and specifications mentioned in the bidding document. Failure to furnish all information required by the bidding documents or submission of a bid not substantially irresponsive to the bidding document in every respect will be at the bidder's risk and may result in the rejection of its bid.*
 3. *Losses/damage of the instrument in transits, if any, shall be at the risk of the vendor /supplier.*
 4. *Undertaking: An undertaking from the Original Equipment Manufacturer (OEM) is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty, & ensure to provide spare parts for next ten years documents regarding this should be enclosed with technical bid document.*

Performance Guarantee Bond:

- Performance Guarantee Bond is mandatory for items having price more than Rupees Ten Lakh (10 lakh). Successful supplier/ firm should submit performance guarantee as prescribed and to be received in the office of *Assistant Soil Chemist, Ranchi*, within 10 days from the date of acceptance of the purchase order.
- The performance guarantee bond to be furnished in the form of Bank Guarantee as per given Performa of the tender documents, for an amount covering 5% of the value of the equipment.
- **Delivery:** The item/equipment should be delivered and installed within 25 to 30 days of the issue of purchase order and be ready for use within a week of delivery.
- **Penalty:** If the suppliers fails to deliver and place any or all the Equipment or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.
- **Training:** Suppliers need to provide adequate training at Soil Testing Lab, Ranchi, Krishi Bhawan Campus Ranchi to the nominated persons of the soil testing lab Ranchi at their own cost.
- *District Agriculture Officer , Ranchi*, will not bear any expenditure in this regard. The Supplier should arrange for regular visit to the Soil Testing Lab, Ranchi , Krishi Bhawan Campus, Ranchi. by its technical team and assist in maintenance of the item/equipment within warranty period. Assistance limited to locking companies with manufacturer will not be considered sufficient.
- **Installation & Warranty Declaration:** Suppliers must give the comprehensive onsite warranty as required from the date of successful installation of item/equipment against any manufacturing defects. In the installation report the model number of instrument and all spares parts/accessories numbers should be in the line of purchase order. And suppliers must be written in the warranty declaration that “everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document” If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges (shipping cost both ways). Installation must be done within stipulated time period from the date of delivery of the item/equipment as specified in the purchase order. Equipment should be installed with suitable software in such a way that the user can operate it without any difficulty.
- Any deviation in the material and the specifications from the accepted terms will be rejected and the suppliers need to supply all the goods in the specified form to the satisfaction of the user as per specifications specified in the technical bid and demonstrate it at their own cost.
- The supply and installation of instrument and other accessories should be made strictly in accordance with the specifications as mentioned in the technical bid.
- The supply and installation should be as per the delivery schedule specified in the bid. The guarantee period will be effective from the date of satisfactory installation.
- The bidder must be liable to replace the instrument or other accessories found defective during the guarantee period.
- Documents such as operation manuals, user manuals, kits and accessories and other relevant materials shall be provided by the bidder along with instrument, free of cost.
- If the supply, installation and demonstration of the instrument are not effected within the specified period from the date of purchase order, the *District Agriculture Officer , Ranchi* shall have the authority to cancel the order and to take any such action which will be deemed fit in the circumstances.
- If any manufacturing or other technical defects are found within the specified months from the date of installation of the instrument, the same will have to be rectified or replaced free of cost by the supplier.
- The equipments are to be warranted for a period of at least 2 years after installation and commissioning against manufacturing defect and bad workmanship. The warranty period specified will commence from the date of handing over the items. Moreover, it should be certified that parts and servicing of the installed items would be available (on a chargeable basis) for at least another 10 years after the lapse of warranty period.
- Issue of work order to the selected bidder will depend on availability of fund.

Sd/-
District Agriculture Officer,
Ranchi.

EMD FOR DIFFERENT ITEMS

S.NO.	ITEMS	EMD (IN RUPEES)	REMARKS
1	LABORATORY EQUIPMENTS / INSTRUMENTS	5,000	Bidders applying even for both the sections i.e s.no. 1& 2 should submit single EMD of Rs.5,000.00
2	GENERAL LAB ITEMS AND LAB CHEMICALS	5,000	

Annexure- I Form A

PARTICULARS TO BE FILLED BY THE BIDDER

- Name of the Supplier:
- Complete Address of the Supplier:
- Availability for demonstration of instruments at STL Ranchi: Yes / No
- Cost of the Tender document enclosed:

Yes/No If yes,

- Name of the Bank _____
- Amount in words _____
- Demand Draft No.and Date _____

Earnest Money Deposit enclosed: Yes / No if

Yes,

- Name of the Bank _____
- Amount in words _____
- Demand Draft No. and Date _____
- Last Validity date of the enclosed DD _____

Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry. [NOTE: Any changes after submission of Tender documents kindly update *District Agriculture Officer, Ranchi*]

- a. Full Name : _____
- b. Complete Postal Address : _____
- c. Telephone No. : _____
- d. Fax No. : _____
- e. Mobile No. : _____
- f. E-mail: _____
- g. Website Address : _____

PARTICULARS FOR PERFORMANCE GUARANTEE BOND

Annexure–II

(To be filled by successful bidder)

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of Two Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONALISED BANKS (WHETHER SITUATED AT RANCHI) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT RANCHI. BONDS ISSUED BY CO- OPERATIVE BANKS ARE NOT ACCEPTED.)

To,

District Agriculture Officer , Ranchi,
Krishi Bhawan Campus Kanke Road,
Ranchi-834008

**LETTER OF
GUARANTEE**

WHEREAS District Agriculture Officer , Ranchi (Buyer) have invited Tenders vide

Tender No.....

Date.....

for purchase of..... and whereas the said tender document requires the supplier/firm (seller) whose tender is accepted for the supply of instrument / machinery, etc. in response thereto shall establish an irrevocable Performance Guarantee Bond in favor of “District Agriculture Officer , Ranchi, Jharkhand” in the form of Bank Guarantee for Rs..... [5% (five percent) of the purchase value] which will be valid for entire warranty period from the date of installation & commissioning, the said Performance Guarantee Bond is to be submitted within 30 (Thirty) days from the date of Acceptance of the Purchase Order. NOW THIS BANK HEREBY GUARANTEES that in the event of the said supplier/firm (seller) failing to abide by any of the conditions referred to in tender document / purchase order / performance of the instrument / machinery, etc. this Bank shall pay to District Agriculture Officer, Ranchi. on demand and without protest or demur Rs (Rupees.....). This Bank further agrees that the decision of District Agriculture Officer , Ranchi (Buyer) as to whether the said supplier/firm (Seller) has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.

We, (name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the supplier/firm (Seller) and/ or District Agriculture Officer , Ranchi (Buyer). Notwithstanding anything contained herein: a, our liability under this Bank Guarantee shall not exceed Rs..... (Indian Rupees..... only).

This Bank Guarantee shall be valid up to(date) and We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if before (date). This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at.....

(Address of local branch).

Yours truly,

Signature and seal of the
guarantor:

Name of the Bank:

Complete Postal Address:

Date

Annexure – III

DECLARATION REGARDING BLACKLISTING/DEBARRING FOR TAKING PART IN TENDER.

I / We _____ Manufacture / Partner(s) / Authorized Distributor/agent of M/S. _____ hereby declare that the firm / company namely

M/s. _____ has not been blacklisted or debarred in the past by Union / State Government or organization from taking part in Government tenders in India.

Or

I / We _____ Manufacture / Partner(s) / Authorized Distributor/agent of M/s. _____ hereby declare that the Firm/ company namely

M/s. _____ was blacklisted or debarred by Union / State Government or any Organization from taking part in Government tenders for a period of _____ years w.e.f. _____ to _____.

The period is over on _____ and now the firm / company is entitled to take part in Government tenders.

In case the above information found false I / we are fully aware that the tender/ contract will be rejected/cancelled by District Agriculture Officer , Ranchi and EMD / Performance Security shall be forfeited.

In addition to the above *District Agriculture Officer , Ranchi* will not be responsible to pay the bills for any completed/partially completed work.

Name _____

Address _____

*** Annexure – III should be typed on companies letter head**

Annexure - IV

CERTIFICATE TO BE SIGNED BY THE TENDERER CERTIFICATE

It is certified that I have read and understood and will comply all instructions contained in tender

Document and its annexure. All pages of schedule (Annexure) from page _____ to have been filled properly and signed.

Signature of Tenderer: _____

Name in Block Letters: _____

Name of The Firm: _____

Full Address: _____

Telephone No. _____

Mobile No. _____

Fax No. _____

Email ID _____

Website: _____

Signature of Tenderer with Office Seal

**Annexure-V
FINANCIAL OFFER**

Supplier's Ref No. & Date: - _____ Tender No. : - Group

Due Date: - _____ Description of item: -

S.NO.	Description of Item & Specification(Mo del no if any)	Unit Price in Rs.	Discount (%)	Excise Duty /Custom Duty (%)	GST/(%)	Other Charge (If any)	Total Price in Rs
I.							

(Total Amount in Words.....)

Delivery Mode: Delivery at STL RANCHI KRISHI BHAWAN CAMPUS, at site only

Total bid price should be inclusive of all taxes and levies, transport, loading, unloading etc.

Warranty Period:.....

Delivery Period:days/weeks. Installation

Period:.....days/weeks.

Quotation Validity Date: - Minimum 120 Days from the date of Submission of quotation/tender.

Payment Term: Payment in rupees within 30 working days from the date of submission of clear bill (100% on successful installation & training).

Sign of bidder: - _____

Date: - _____

Name of the bidder:- _____

Firm's Name:- _____

- SHOULD BE SUBMITTED SEPARATELY FOR GROUP I & II ITEMS

Annexure-A GROUP I

SPECIFICATION OF THE MACHINERY/ EQUIPMENTS & OTHER ITEMS:

**TECHNICAL SPECIFICATION OF
AUTO TITRATOR**

S.No.	DESCRIPTION	SPECIFICATION	REMARKS
1.	Measurement input pH/mV	pH/mV-input with electrode socket according to DIN 19 262 or additional with BNC socket insert (Z 860)	SPECIFICATIONS OF THE ITEMSTO BE SUPPLIED BY THE TENDERER (WHETHERSA MEORHIGHER THAN GIVENSPECIFICATIONS,IFHIGHER, DETAILS TOBE FURNISHED) FREE - INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL. WARRANTY - MINIMUM TWO YEARS FROM DATE OF INSTALLATION. SHOULD BE QUOTED WITH ALL NECESSARY ACCESSORIES
2.	Measurement input temperature	Pt 1000/NTC 30: (socket 2 x 4 mm)	
3.	Interfaces	1 x USB-A and 1 x USB-B, 2 x RS-232-C.	
4.	Stirrer connection	TM 50 power supply directly through piston burette	
5.	Keyboard	The unit is operated using the keys on the device itself, the controller TZ 3880 and optional PC-keyboard (USB)	
6.	Display	Graphics-capable TFT display.	
7.	Volume display	0000,000...9999,999 mL	
8.	Display resolution	0.005-0.025 mL (depending on dosing unit)	
9.	Dosing speed	Max. 100 mL/min (with 50 mL unit)	
10.	Filling speed	Min. 30 s to 999 s adjustable (time according to the cylinder volume)	
11.	Dosing units	50 mL dosing unit, interchangeable	
12.	Burette resolution	8000	
13.	Dosing accuracy	20 mL or 50 mL dosing unit, interchangeable	
14.	Power supply	100 -240 V~; 50/60 Hz, power input 30 VA	
15.	Conformity	ISO 8655, part 6	
16.	CE-mark	EMC: 2004/108/EG; safety EG- Directive 2006/95	
17.	Dimensions	135 x 310 x 205 mm (W x H x D), including dosing unit, without stirrer	
18.	Weight	2.3 kg (without stirrer)	
19.	Ambient conditions	Ambient temperature: + 10 ... + 40 °C for operation and storage. Humidity according to EN 61 010, Part 1: Max. relative humidity 80 % for temperatures up to 31 °C, linear decrease down to 50 % relative humidity at a temperature of 40 °C	

TO BE FILLED BY TENDERER

NAME OF THE MODEL _____
MANUFACTURER OF THE MODEL _____
YEAR OF RELEASE OF THE EQUIPMENT _____

SIGNATURE ----- **NAME** -----
SEAL

RECIPROCATING SHAKER

S.NO.	DESCRIPTION	SPECIFICATION	REMARKS
1.	Type of movement	Reciprocating	SPECIFICATIONS OF THE ITEMSTO BE SUPPLIED BY THE TENDERER (WHETHER SAME OR HIGHER THAN GIVEN SPECIFICATIONS, IF HIGHER, DETAILS TOBE FURNISHED) FREE - INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL. WARRANTY - MINIMUM TWO YEARS FROM DATE OF INSTALLATION.
2.	Orbital Movement	10 mm	
3.	Permissible Shaking Weight	7.5 Kg	
4.	Power Input (W)	13 W	
5.	Power Output (W)	57 W	
6.	Speed Range	20 to 500 RPM	
7.	Speed Display	Digital LED	
8.	Timer	Yes	
9.	Timer Display	99 Hrs. 59 Mins.	
10.	Operating Mode	Timer & Continuous	
11.	Dimension (W X D X H)	36 X 42 X 12 Cm	
12.	Top Plate Dimension	33 X33 Cm	
13.	Weight	9.0 Kgs	
14.	Permissible Ambient Temperature	5 – 50* C	
15.	Permanent Relative Moisture	90 %	
16.	Voltage Input	220 – 240 VAC	

TO BE FILLED BY TENDERER

NAME OF THE MODEL _____

MANUFACTURER OF THE MODEL _____

YEAR OF RELEASE OF THE EQUIPMENT _____

SIGNATURE ----- **NAME** ----- **SEAL**

Whole Glass Kjeldahl Distillation Unit with Inbuilt Steam Generator

S.NO.	DESCRIPTION / SPECIFICATIONS	REMARKS
<u>1</u>	1. Dropping funnel to add sodium hydroxide, digested sample and distilled water 2. Kjeldahl Trap 3. Coil condenser 4. Siphoning tube 5. Cabinet 6. Waste discharge 7. Conical flask 8. Glass tube to hold digested sample 9. Outer jacket to hold the spent liquid after the experiment 10. Additional funnel to add distilled water 11. Steam generator 12. Quartz heater 13. Steam inlet tube 14. Cooling water inlet 15. Hot water outlet 16. Waste water discharge	SPECIFICATIONS OF THE ITEMSTO BE SUPPLIED BY THE TENDERER (WHETHER SAME OR HIGHER THAN GIVENSPECIFICATIONS,IF HIGHER, DETAILS TOBE FURNISHED) FREE - INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL. WARRANTY - MINIMUM TWO YEARS FROM DATE OF INSTALLATION

TO BE FILLED BY TENDERER

NAME OF THE MODEL _____
MANUFACTURER OF THE MODEL _____
YEAR OF RELEASE OF THE EQUIPMENT _____

SIGNATURE ----- **NAME** ----- **SEAL** _

Automatic Sieve Shaker

S. No.	SPECIFICATION	REMARKS
1.	Should be oil free	
2.	To work on 220V / 50 Hz	<p>SPECIFICATIONS OF THE ITEM TO BE SUPPLIED BY THE TENDERER (WHETHER SAME OR HIGHER THAN GIVEN SPECIFICATIONS, IF HIGHER, DETAILS TO BE FURNISHED)</p> <p>FREE -INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL.</p> <p>WARRANTY- MINIMUM TWO YEARS FROM DATE OF INSTALLATION.</p> <p>SHOULD BE QUOTED WITH ALL NECESSARY ACCESSORIES</p>
3.	Shock proof, with digital display of speed and time	
4.	Stop setting facility	
5.	Along with set of standard sieves with BIS mesh ,20 cm Diameter & 5cm height	
6.	Fitted with Sieve of 0.25,1.0,1.7,2.0,2.8,3.35,3.8,4.0mm	
7.	The shaker should produce the gyratory as well as the tapping motion	
8.	Vibrate at 3000 cycle/minute	

TO BE FILLED BY TENDERER

NAME OF THE MODEL _____

MANUFACTURER OF THE MODEL _____

YEAR OF RELEASE OF THE EQUIPMENT _____

SIGNATURE ----- **NAME** -----

SEAL

Annexure-B Group II

GENERAL LAB ITEMS & OTHER ACCESSORIES:

1.	TISSUE PAPER ROLL			PER ROLL
2.	Konica Minolta bizhubC224e Drum Unit Set	BIZHUB C224e	DR-512,DR-512K	Price/Piece
3.	CARTAGE (COLOUR)	BIZHUB C224e	TN -321M, TN -321Y, TN -321C, TN -321K	Price/Piece
4.	COTTON DUSTER BIG _SIZE (2.5 X2.5 FT.)			Price/Piece
5.	DOORMAT PLASTIC (3 X 4) GOOD QUALITY			Price/Piece
6.	HAND GLOVES ACID PROOF _7.5 INCH			Price/Piece
7.	APRON		FREE SIZE	Price/Piece

FILTER PAPER

S.N.	NAME OF ITEMS	GRADE NO	PACK SIZE	RATE (RS.)
1.	ASHLESS FILTER PAPER WHATMAN 100 SHEETS	1	100	PER PACK
2.	BHUMI FILTERPAPER		100	PER PACK
3.	GENERAL PURPOSE ORDINARY LAB FILTERPAPER		100	PER PACK

Annexure-C Group II

SCHEDULE FOR REQUIREMENT OF Chemicals

S. NO	Item Description/ Name of Chemical	Specification / Grade	Packing Size
1	Buffer Capsules 4.00	pH 4.0	10Sachet
2	Buffer Capsules 7.00	pH 7.0	10 Sachet
3	Buffer Capsules 9.20	pH 9.2	10 Sachet
4	Buffer Soln. 4.00	pH 4.0	100 ml
5	Buffer Soln. 7.00	pH 7.0	100 ml
6	Buffer Soln. 9.00	pH 9.2	100 ml
7	Standard Solution of Zn 1000ppm	EMPARTA/Emplura	100ml
8	Standard Solution of Mn 1000ppm	EMPARTA/Emplura	100ml
9	Standard Solution of Fe 1000ppm	EMPARTA/Emplura	100ml
10	Standard Solution of Cu 1000ppm	EMPARTA/Emplura	100ml