



GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR

ସରକାରୀ ଯାନ୍ତ୍ରିକ ମହାବିଦ୍ୟାଳୟ, କେନ୍ଦୁଝର

(An Affiliated College of BPUT, Odisha)

At : Jamunalia, P.O.: Old Town, Dist., Kendujhar, Pin: 758002 (Odisha)

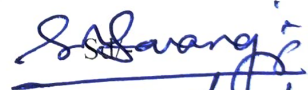
Web: www.gcekjr.ac.in / Mail id- principal@gcekjr.ac.in

No. 1294 Date 05-08-2026

TENDER CALL NOTICE

Sealed tenders are invited from reputed Original Manufacturers/ Authorized Distributors for supply of equipment through speed/registered post for supply of equipment for **Department of Mineral Engineering, Government College of Engineering, Keonjhar**. The date of opening the tender is mentioned in the tender document, which will be opened in the office of the Principal, Government College of Engineering, Keonjhar in the presence of bidders and/or their nominees. The tender bid documents with details of terms and conditions are to be downloaded from the College Website (Tender Section): www.gcekjr.ac.in.

The authority reserves the right to reject/cancel the tenders in whole or in part without assigning any reason thereof. The authority will not be responsible for any postal delay.


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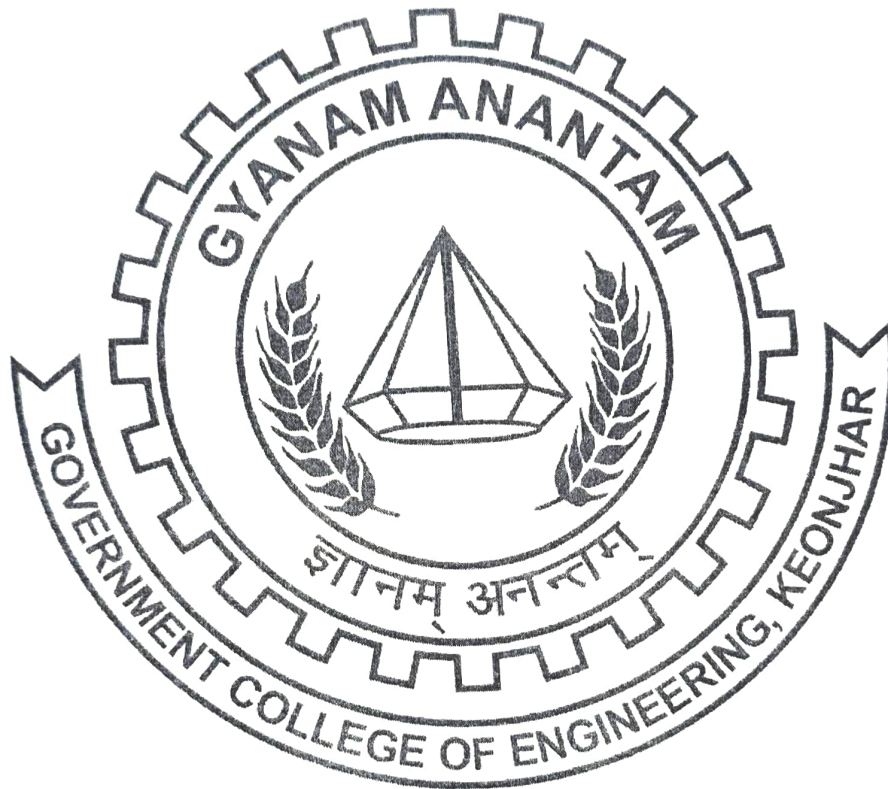
Government College of Engineering, Keonjhar



**BIDDING DOCUMENTS AND INSTRUCTION TO SUPPLY OF
EQUIPMENT**

FOR

DEPARTMENT OF MINERAL ENGINEERING



GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR

[An Affiliated College of Biju Patnaik University of Technology]

Jamunalia, Old Town, Kendujhar– 758002

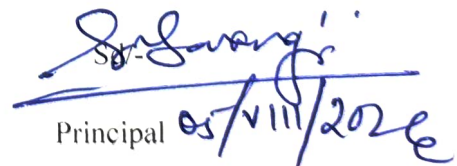
INVITATION FOR BIDS

Principal, Government College of Engineering, Keonjhar invites sealed bids from eligible bidders for supply of machineries/equipment to Department of Mineral Engineering.

Interested eligible Bidders may obtain detail information and list of items with technical specifications from the website of the College www.gcekjr.ac.in

Particulars about submission of bidding document are as follows:

Price of bidding document	Rs.1000/- (Service Tax is included) (non-refundable)
EMD	Rs. 30,000/- in favour of Principal, Government College of Engineering, Keonjhar payable at Kendujhar in any Nationalized Bank towards EMD.
First date of availability of Bidding	05.08.2026
Last date and time for submission of bids	29.08.2026
Date of opening of bids	02.09.2026
Place of opening of bids	Principal Office Government College of Engineering, Jamunalia, Old Town, Kendujhar-758002
Address for communication for Mineral Engineering Department	Sushanta Kumar Pradhan Mail Id: sushantapradhan_fm1@gcekjr.ac.in Phone: 91-8763112083


Principal 05/VIII/2026

Government College of Engineering, Keonjhar



1. Eligibility of Tenderer and General Instructions:

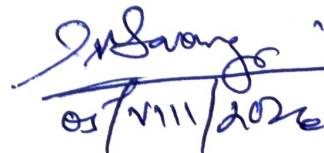
1.1. Eligibility:

Those who fulfil the following criteria are eligible to participate in the tender.

- a) The tenderer must be a reputed Original Manufacturer or the Authorised agent/ dealer of a reputed manufacturer.
- b) If the tenderer is an Authorized Dealer/Agent of a reputed manufacturer, necessary certificate to this effect from the manufacturer must be enclosed.
- c) Annual turn-over of the tenderer must be more than **Rs. 1 Crore total in last three financial years (2023-24, 2024-25, 2025-26)**. As a letter of support, the bidder should submit CA audited balance sheet for the last three financial years.
- d) The company must be registered with GST and provide latest GST clearance certificate (GSTR 3B).
- e) The company must have PAN no. and must submit ITR for last three financial years (**2023-24, 2024-25, 2025-26**).
- f) GST and PAN no. must be enclosed with the tender documents.
- g) The tenderer must have willingness to provide comprehensive maintenance support of the equipment supplied for **at least two years** after expiry of the warranty period. An undertaking must be submitted with the tender document.
- h) The tenderer must provide evidence of purchase order from reputed organizations like NITs/IITs/IIESTs/IISERs/NISER/IISc/Central Research Laboratories/ Government Universities and Colleges of Odisha.
- i) The manufacturer should have preferably its own NABL (National Accreditation Board for Testing and Calibration Laboratories) accredited laboratory or equipments supplied should have certification from any NABL accredited laboratory in respect of quality and performance.
- j) The manufacturer should have preferably its own R&D section registered with Government of India.

1.2. General Instructions:

The selection for procurement of equipment will be based on quality and performance along with cost. In this context decision of technical committee is final based on documentary evidence or actual physical verification.



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- a) Submission of more than one bid by a particular tenderer under different names is strictly prohibited. In case it is discovered later on that, this condition is violated, all the tenders submitted by such tenderer/s would be rejected or contract cancelled.
- b) The tenderer should mention in the tender paper, the location of its service center nearest to Kendujhar.
- c) All offers should be in English and the price quoted for each item should be firm.
- d) Warranty period, Delivery period and After-Sale-Service conditions, etc. are also to be clearly indicated.
- e) The rates and the conditions of the offer will remain valid for **Six months** from the date of opening of the tender and no change or alteration of the rate will be acceptable on any account.
- f) Submitted tender forms with overwriting or erased or illegible specifications and rates will be rejected.
- g) Request from tenderer in respect of additions, alterations, modifications, corrections, etc. of either terms & conditions or rate after opening of the bid may not be considered. However, negotiation may be made before finalization.
- h) Tenderers shall carefully examine the bid documents and fully inform themselves of all the conditions, which may in any way affect the work of the cost thereof.
- i) Should a tenderer find discrepancies or omissions from the specification or other documents and any doubt as to their meaning, he should at once notify the purchaser and obtain clarification in writing.
- j) This, however, does not entitle the tenderer to ask for time beyond the due date fixed for receipt of tenders.
- k) The tenderer must also specify minimum time and maximum time to repair/replace in the event of a failure and penalty thereof.
- l) Verbal clarification and/or information given by the purchaser or its employees or representatives shall not be binding on the purchaser.
- m) Submission of sealed bid will carry with the implication that the tenderer agrees to abide by the conditions laid down in the detailed particulars of the bid notice.
- n) Conditional offers and offers qualified by vague and indefinite expression, as "subject to immediate acceptance"/ "subject to prior sale" etc. will not be considered.
- o) While tenders are under consideration, tenderers and their representatives or other interested parties are advised to refrain from contacting by any means, to the purchaser's personnel or representatives on matter relating to the tenders under study.

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- p) The purchaser, if necessary, will obtain clarification on tenders by requesting such information from any or all the tenderers either in writing or through personal contact as may be necessary.
- q) The tenderer will not be permitted to change the substance of his offer after the tenders have been opened.
- r) In the event of non-compliance with this provision, the tenderer is liable to be disqualified.

1.3. Procedure for Submission of Tenders:

The Tenderers must submit their bids as required in two parts in separate sealed covers prominently super scribed as Part-I “**Technical Bid**” and Part-II “**Financial Bid**” and also indicating on each of the covers the “Tender call Notice Number & Date” and due date and time of submission as mentioned in Tender Call Notice. **The tender fee and EMD should be kept with Technical Bid documents.**

Part-I (Technical Bid)

Excepting the price schedule, all other documents as mentioned in para 1.1 shall be covered in Part-I (Technical Bid).

- a) Tender fee and EMD
- b) Copy of Firm Registration Certificate from the competent authorities
- c) Self-declaration stating that the company is the original maker of offered equipment (for original manufacturers).
- d) Authorization letter from the original manufacturer (for Authorized agent/ dealer).
- e) Proof of annual turnover (CA certified) for last three financial years (2023-24, 2024-25, 2025-26).
- f) GST registration certificate and GST clearance certificate (GSTR 3B)
- g) PAN card copy and ITR for last three financial years (2023-24, 2024-25, 2025-26).
- h) Willingness certificate to provide comprehensive maintenance support for the supplied equipment for at least two years after expiry of the warranty period.
- i) List of clients and purchase orders
- j) Details of technical specifications, printed information Catalogue for each equipment
- k) Tender document duly signed by the authorized person in each page

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Part-II (Financial Bid)

All indications of price shall be given in Part-II (Financial Bid).

Both sealed covers Part-I "Technical Bid" and Part-II "Financial Bid" should be placed in a third cover and sealed. The sealed cover containing tender documents as per procedure indicated above should be sent to the Office of the Principal, GCE, Keonjhar by Registered Post/Speed Post addressing to the Principal, Government College of Engineering, Jamunalia, Old Town, Kendujhar-758002 within the due date and time as stipulated in Tender. The sealed envelope must show the name of the tenderer and its address and should be super scribed as **"Tender for supply of Equipment for Mineral Engineering Department"** on the top of the envelope.

- A. All the documents submitted must be in the papers showing signature of the tenderer and printed office name of the tenderer on official seal.
- B. All the documents must be submitted in a sequential manner with separator/flags to help with quick scanning of the topics. Wherever possible, data in tabular form should be given.

2. Requirements by Tenderer before Supply:

2.1. Rating Plate, Name Plate and Labels:

Each of the equipment is to have permanently attached to it, a rating plate of non-corrosive material in a conspicuous position, upon which the total specifications along with the manufacturer's name, address, etc. are to be engraved.

2.2. Packaging:

All the equipment are to be suitably protected, covered in water -proof packing and crated to prevent damage or deterioration during transit and storage till the time of installation. The supplier shall be responsible for any loss or damage caused during transportation, handling or storage till their successful installation.

2.3. Inspection:

- a) All materials / equipment shall be inspected and tested for completeness, proper assembly, operation, cleanliness and state of physical condition and performance as per quoted specification.
- b) The test shall be conducted, reported and certifications to be provided by the tenderer.

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- c) The tenderer shall provide all test and measuring equipment/tools required for inspection / testing. The cost of all such tests shall be borne by the Tenderer.
- d) GCE, Keonjhar reserves the right to reject any equipment if it does not comply with the specifications during site testing, installation and commissioning stage.
- e) Inspection & testing would be conducted, jointly, at various stages as applicable during unpacking, installation and commissioning of respective equipment / components at the manufacturing site.

2.4. Environmental Condition:

All the equipment supplied shall be rugged and should operate without any deviation in quality, or degradation of equipment performance. All the specification/parameters shall be guaranteed over the following environmental conditions:

- a) Storage and operating Temperature: 0 to 50⁰ C
- b) Humidity: 95% RH (non-condensing)
- c) Power supply: 220 V/440 V, 50 Hz

3. Requirements by Tenderer after Supply:

3.1. Supply:

- a) The material would be delivered by the supplier at Government College of Engineering, Jamunalia, Old Town, Kendujhar – 758002, Odisha.
- b) The items should be supplied directly from the manufacturing terminal having passed all tests successfully with certifications as required.
- c) The equipment should conform to the latest relevant National/International standards and shall be completed in all respect.
- d) Any component, fitting etc. which may not have been specifically mentioned in the specifications but which are usual and necessary for the equipment, shall be supplied by the tenderer at no extra cost.
- e) In case articles are found damaged in transit or found short at the time of delivery the full cost of the same will be deducted from the supplier's bill in case the supplier does not replace the stock within a week from the date of the complaint.
- f) The articles ordered must be supplied in one lot within 30 days of placing the order. In case of any extension (if required), the tenderer must take permission from GCE, Keonjhar.
- g) GCE, Keonjhar reserves the right to procure the materials from alternative sources at the risk and cost of the successful tenderer giving 15 days notice.

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- h) Any increase in tax and duties after expiry of delivery period will be borne by the supplier.
- i) In case the items supplied by the supplier are found not up to the specification shall be rejected. The supplier will be intimated to take back the stocks at his own cost within three days from the date of rejection and to replace the same within 7 days, failing which the EMD will be invoked in addition to taking legal actions.
- j) Imported consignment, if any, should be destined to GCE, Jamunalia, Old Town, Kendujhar – 758002, Odisha, India through Bhubaneswar Airport.
- k) The suppliers shall be responsible for releasing the consignments from the carriers/transporters.
- l) The equipment shall be delivered and installed at site at the cost of the tenderer.
- m) All taxes, levies, surcharges including the customs clearance and handling freight and insurance should be paid and handled by the tenderer.

3.2. Installation and Commissioning:

Installation and Commissioning shall include the following:

- a) Installation and Testing of the Equipment, Machineries etc. must be conducted by the tenderer at GCE, Keonjhar.
- b) It will be the responsibility of the tenderer to provide all necessary spares and consumables, which may be required during installation and commissioning, at no extra cost to purchaser.
- c) The tenderer is to bring their own testing and measuring instruments required for installation, testing, commissioning, which can be taken back after completion.
- d) Installation must be completed within 15 days after delivery on site.
- e) During installation and commissioning the complete intended experiments are to be conducted with results that must be within accepted level of accuracy.
- f) The raw materials and samples required for conducting experiments during installation are to be supplied by the tenderer free of cost.

3.3. Documentation:

- a) Detailed technical manuals, handbooks, drawings, Warranty card, Factory Quality Assurance checklist and any other certifications mentioned in the technical specifications shall be supplied along with the consignment.
- b) Supplied manuals/handbooks must cover detailed technical specifications and installation, operation, maintenance and System Safety procedures.

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- c) For Experimental setups details of theory, procedure and methods of taking measurements etc. should be provided in the form of handbooks for each experiment.
- d) The receipts for taxes paid, if any, for the supplied materials should also be submitted.

3.4. Trial Operation and Performance Guarantee Test:

- a) After successful completion of Installation and Commissioning of the equipment, an one day continuous trial operation putting those on optimum use shall be conducted by the tenderer at site, during which the performance of the equipment shall be demonstrated for trouble-free continuous operation, meeting the specified standards and proper training shall be imparted to two persons of the purchaser.
- b) During trial operation, tenderer shall do all necessary adjustments required to ensure the performance as per the acceptable level.
- c) In case guaranteed performance is not established, the tenderer shall be given opportunity to rectify/replace the equipment/components, and restart the continuous trial operation, at the risk and cost of the tenderer.

3.5. On-Site Warranty:

- a) **The supplied device/equipment shall cover a warranty period of minimum two years.**
- b) During the warranty period, it shall be the responsibility of the tenderer to provide all essential spare parts and consumables, which may be required for maintenance and trouble-free operation of the devices / components at the tenderer's cost.
- c) The entire materials may be used continuously. The reliability and safety of the total installed system and trouble-free operation are, therefore, of prime importance. The supplied devices/equipment and components shall be covered under Two-years or more comprehensive on-site warranty from the date of issue of successful completion of Performance Guarantee Report.
- d) Software, if any, has to be tested with at least two-year warranty for trouble-free operation.

3.6. Comprehensive Maintenance Contract:

- a) The tenderer shall be under the obligation of entering into a Comprehensive Maintenance Contract (CMC) with GCE for a minimum period of two years, renewable if felt necessary, on mutually acceptable rates, terms and conditions. CMC shall start after the completion of Warranty.
- b) The scope of CMC shall cover maintenance and supply/replacement of materials and components, for smooth and reliable operation of the systems without trouble.
- c) Accordingly, the tenderer has to offer rates for the CMC structure per equipment along with the price for the Systems and other associated Equipment supplied.

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3.7. After Sales Service:

- a) During the warranty period and subsequently, after signing of Agreement for CMC the tenderer shall attend to the problems reported by the users of GCE on a priority basis.
- b) For any problem reported the tenderer shall attend and rectify the problem within 15 (seven) days or provide a standby system of similar configuration.
- c) The report on any problem will be informed by phone or mail of which shall be given by the tenderer.
- d) The branch office of the firm concerned will be fully responsible to provide maintenance service, in case of any negligence, in providing the service by the tenderer.

4. Financial Terms:

4.1. EMD

- a) The tenderer has to submit a Demand Draft / Banker's Cheque / Pay order of Rs.30,000/- in favour of **Principal, Government College of Engineering, Keonjhar** payable at **Kendujhar** in any Nationalized Bank towards EMD.
- b) There will be no interest paid to the tenderer towards EMD money.
- c) In no case, the EMD Money in cash or other forms will be accepted at the time of opening of the bid.
- d) No request for adjustment of claims, if any, will be accepted.
- e) In case of successful bidders, the EMD will be kept as performance security deposit and will be refunded after expiry of stipulated warranty periods from the date of successful installation and commissioning.
- f) The EMD of unsuccessful tenderers will be refunded as soon as possible after the tenders are finalized.

4.2. Prices:

Price quoted should be FOR Government College of Engineering, Keonjhar only. Tax components as applicable should be mentioned clearly in the financial bid.

- a) **Price should be quoted for unit items.**
- b) **Purchase order will be issued for a single lot for each type of item or for all the items together as the case may be.**
- c) In case of import items, the tenderer should take full responsibility for customs clearance, handling, tax payment, etc. and specify the charge for the same in the price bid.

4.3. Tax Concession:

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Central Sales Tax Concession is to be availed on production of the required certificates applicable to Educational Institution.

4.4. Discount:

- a) Our Institute is a pioneer Institution in the field of Teaching and Research in Engineering and allied disciplines and does not run with profit motive.
- b) As such we are availing price discount for purchase of equipment/instruments.
- c) The rate of discount or any other Institutional benefit arising out of Govt. Policy etc., on each item may also be indicated in the bid specifically.

4.5. Payments:

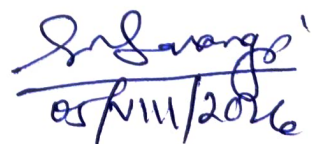
- a) In case of imported items, payment will be made by opening LC in the name of the manufacturer subject to the condition that a Bank Guaranty for an equal amount will be submitted by the selected tenderer to GCE, Keonjhar for the period of completion of installation and commissioning.
- b) In case of purchase in Indian Rupees, payment of 90 percent of the ordered value will be made after successful installation and commissioning of the equipment subject to submission of satisfactory performance report by the concerned Head of Department. The rest 10 percent of the payment will be made after one year of successful installation of the equipment.**

4.6. Penalty:

If the delivery, installation and commissioning is not carried out in time as specified in other part of the tender document, the tenderer/manufacturer will be charged @ 1 % (one per cent) per week of the total value of the concerned machine / equipment.

5. Instructions to the Tenderer:

- a) Some of the minimum specifications specified may be redundant, obsolete or incompatible and in these cases, quote the particulars of correct specification of latest trend and technology.
- b) Higher specifications instead of minimum specifications are allowed if a minimum specification is not available, obsolete or incompatible.
- c) Otherwise, models with higher specification should be in addition to the model with minimum specifications.
- d) Specify brand name and full model name and number for each offer.
- e) Include the printed catalogue and pricelist if any for each of the equipment quoted.

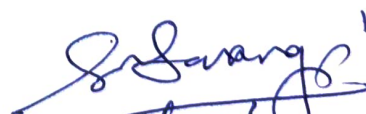


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- f) Specify the list of Accessories required along with each of the equipment.
- g) Quote the additional price of the accessories; only those which are fully compatible with the quoted model, should be furnished.
- h) Specify the list of Accessories to be given free of cost, along with the equipment as "Free Accessories"; these should be fully compatible with the quoted models.

5.1. Solving Disputes:

- a) GCE, the tenderer and the manufacturer shall make all efforts to resolve amicably by direct informal negotiation on any disagreement or dispute arising between them under or in connection with this contract.
- b) All disputes arising out of the contract shall be referred to courts under the jurisdiction of the Kendujhar court only.
- c) The above terms and conditions, except those otherwise agreed upon, shall form a part of the Purchase Order.
- d) Sign each page of this tender document and return it along with the offer enclosing this part together with the Technical Offer.
- e) The GCE authority has all rights to accept / reject any tender without assigning any reasons thereof.


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6. Technical Specifications with Price Quote Sheet:

Sl. No.	Name of the equipment	Technical specification	Price/ Unit (In Rupees)
1	High Temperature Muffle Furnace	a. Maximum Temperature: 1400⁰ C b. Working temperature(operating): 1350⁰ C c. Heating zone dimension: minimum 150mm(W) X 150 mm(H) X 150 mm(D) d. Controller: PID Controller of any reputed make e. Rate of Heating: 1 to 5⁰ C per minute f. Heating Element: Silicon Carbide Rod g. Temperature sensor: r- type thermocouple h. Structure: The furnace shall be made of heavy angle iron of mild steel. The outer casing other than the door shall be made of high-quality stainless-steel sheet duly buffed. The inner of the furnace shall be painted with Heat resisting Aluminium paint (400 °C). i. Internal Chamber: High Alumina refractory boards j. Insulation: Poly crystalline Alumina ceramic fibre (Al₂O₃ +SiO₂) fibrous insulation lining k. Alarm: Yes l. Total Power: Maximum 5 Kw, single phase, 200V-230V	
2	Laboratory Vibratory Screen	a. Screen type: unbalanced vibrating motor b. No. of decks: 2 c. Size: 500 mm (length) x 1000 mm (width) d. Frame material: mild steel e. Speed: 1440 RPM f. Power: 415 V three phase, 50 Hz a. Motor: 1-2 Kw. The motor should be of reputed make such as ABB/ GE/Kirloskar/Crompton Greaves/NGEF or Siemens.	

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3	Lab wet Sieve Analysis	a. No. of sieves: should accommodate 8 nos. of standard test sieves as supplied b. With 2 sets of I.S. test sieves of 45-micron, 75-micron, 106-micron, 150-micron, 212-micron, 355-micron, 500-micron, 1 mm c. Sieve Material: Brass d. Structure and platform: made from strong steel e. Timer provision for predetermined screening time f. Spray nozzle: required g. Power: 220 V single phase, 50 Hz g. Motor: 1-2 Kw. The motor should be of reputed make such as ABB/ GE/Kirloskar/Crompton Greaves/NGEF or Siemens.	
4	Bond Work Index Ball Mill	a. Capacity: 5 Kg b. Effective size: 12X12 inch c. Operating Speed: 70 rpm d. With automatic revolution counter e. Feed size: 6 mesh f. Power: 220 V single Phase 50 Hz Frequency g. Motor: 1 HP or more. The motor should be of reputed make such as ABB/ GE/Kirloskar/Crompton Greaves/NGEF or Siemens. h. Grinding Media (High Chrome-High Carbon Balls) of the following sizes: 43 Balls-1.45 Inch Diameter, 67 Balls- 1.17 Inch Diameter, 10 Balls -1.00 Inch Diameter, 71 Balls -0.75 Inch Diameter, 94 Balls-0.61 Inch Diameter and 5 balls of each size as make up balls. Total numbers of balls 285, total weight of grinding charge close to 20,125 gms	



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