MINUTES OF THE 5th MEETING OF THE BOG OF JORHAT ENGINEERING COLLEGE, JORHAT

Day & Date :Saturday, 23rd November, 2019

Time: 11 AM - 2 PM

Venue :Hotel Gateway Grandeur, Guwahati

Members Present:

1. Mr. Abhijit Barooah : Chairman

2. Dr.ReetaSarmah : Member Secretary

Dr.Chitralekha Mahanta : Member

4. Mr. Sandip Sanyal : Member

5. Dr.S.Murali Mohan : Member

6. Dr. Vimlesh Kumar Soni : Member

7. Dr. Prasanna Kr. Khaund : Member

8. Dr.RupamBaruah : Member

9. Dr. DigantaHatibaruah : Member

10. Dr. K S Jayantha : Invite

Principal,

Malnad College of Engineering

11. Dr. Mukul Chandra Bora : Invite

SPA (North East)

Agenda No. 1: Chairman takes the Chair:

Mr. Abhijit Barooah, Chairman presided over the meeting.

Agenda No.2: Grant of leave of absence, if any:

Leave of absence was granted to Dr. Shyamanta Moni Hazarika and representative member of Govt. of Assam, Higher Education Department.

Agenda No.3: Confirmation of the minutes of the last meeting (4th BOG) held on 07-09-2019.

The minutes of the 4th BOG Meeting held on 07/09/2019 is confirmed.

Agenda No.4: Action Taken Report on the minutes of last BoG meeting

 A member from the All India Council for Technical Education is yet to be included in the BoG. The principal, JEC is advised to communicate with the AICTE in this regard.

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Report: AICTE has nominated Dr. Vimlesh Kumar Soni, Associate professor, Dept. of Mechanical Engg. MANIT, Bhopal 462003 as AICTE representative in the BOG of Jorhat Engineering College, vide letter No. F. No. AICTE(U B) /24-2/Nominee/2019/57 6 dt 19-09-2019.

Re-allocation of space to Electrical, Instrumentation and Mechanical Engineering departments. BOG also permits any civil work that may arise in the concerned departments because of the proposed re-allocation of space.

Report: The re-allocation of space for Electrical, Instrumentation and Mechanical Engineering departments is completed. The civil work for Electrical and Instrumentation engineering department is in progress.

The Board noted the same.

Agenda No.5: Status of NBA

| Department | Status | |
|-----------------------------|---------------------------------|--|
| Mechanical Engineering | Accredited | |
| | From June 2019 to June 2021 | |
| Instrumentation Engineering | Not Accredited | |
| Civil Engineering | Application filed on 29-10-2019 | |
| Electrical Engineering | Application filed on 29-10-2019 | |
| Computer Sc. & Engineering | Application filed on 29-10-2019 | |

The Board noted the same.

Agenda. No.6 :Discussion on crisis of faculty after end of TEQIP-III

Current faculty position and SFR requirement in future

| Department | No. of students (2 nd , 3 rd , 4 th) UG+PG | Total Sanction post | Available | SFR required 1:20 | SFR 1:15 |
|-----------------|--|---------------------------|-----------|----------------------|----------|
| Civil Engg | 312 | 19 | 11 | 16+2 = 18 | 21+2=23 |
| Mechanical Engg | 342 | 22 | 12 | 18+2 =20 | 23+2=25 |
| Electrical Engg | 252 | 13 | 6 | 13+2=15 | 17+2=19 |
| CSE | 198 | 7 | 5 | 10+2=12 | 14+2=16 |
| Instrumentation | 99 | 7 | 4 | 5+2=7 | 7+2=9 |
| Physics | | 5 | 3 | | |
| Chemistry | | 7 | 0 | | |
| Mathematics | | 7 | 4 | | |
| Humanities | | 5 . | 2 | | |

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Decision: The BoG advised that the issue of faculty crisis after TEQIP-III should be communicated to the government of Assam at regular intervals. Moreover, the urgency of the matter should be emphasized by contacting concerned higher authorities in person.

Agenda. No.7: Discussion on crisis of technical staff, 3rd grade and 4th grade employee

| NAME 0 | F INSTITUTE: JORHAT EN | GINEERING COLLEGE | JORHAT-785007(AS | SAM) | |
|--------|------------------------|-------------------------|-----------------------------|--------------------|--------|
| SL NO | NAME POST | TEACHING/NO TEACHING | TOTAL SANCTIONED POST | MAN IN POSITION | VACANT |
| 1 | Head Assistant | NON TEACHING | 1 | Nil | 1 |
| 2 | Senior Assistant | NON TEACHING | 6 | 5 | 1 |
| 3 | Junior Assistant | NON TEACHING | 9 | 5 | 4 |
| 4 | Chief Store Keeper | NON TEACHING | 1 | Nil | 1 |
| | Assistant Store Keeper | NON TEACHING | 1 | Nil | 1 |
| 5 | Asstt. Librarian | NON TEACHING | 2 | 1 | 1 |
| 6 | Nurse-Cum-Midwife | NON TEACHING | 1 | Nil | 1 |
| 7 | Dresser | NON TEACHING | 1 | Nil | 1 |
| 8 | Matron | NON TEACHING | 1 | Nil | 1 |
| 9 | Junior Instructor | TEACHING | 13 | 9 | 4 |
| 10 | Assistant Instructor | TEACHING | 13 | 2 | 11 |
| 11 | Supervisory Instructor | TEACHING | 2 | 1 | 1 |
| 12 | Mechanic | TEACHING | 2 | Nil ' | 2 |
| TOTAL | | | 53 | 23 | 30 |

| SL NO. | NAME OF THE POST | TOTAL SANCTION POST | MAN IN POSITION | VACANT |
|--------|-------------------|------------------------|--------------------|--------|
| 1 | Cook | 24 | 22 | 2 |
| 2 | Hostel Helper | 46 | 32 | 14 |
| 3 | Hostel Mali | 8 | 5 | 3 |
| 4 | Chowkider | 11 | 10 | 1 |
| 5 | Sweeper | 10 | 6 | 4 |
| 6 | Peon | 8 | , 6 | 2 |
| 7 | Class Room Bearer | 7 - | 4 | 3 |
| 8 | Laboratory Bearer | 7 | 2 | 5 |
| 9 | Workshop Jugali | 12 | .10 | 2 |
| TOTAL | | 133 | 97 | 36 |

Decision: The BoG advised that the vacancy position should be communicated to the government of Assam at regular intervals. Moreover, the urgency of the matter should be emphasized by contacting concerned higher authorities in person.

Agenda No.8: Discussion on fund requirement for implementation of AICTE instructed activity

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Decision: The fund required for implementation of AICTE instructed activities should be included in the institutional budget and the matter should be brought to the notice of the higher authorities in the department.

Agenda No. 9: Review of procurement plan to be uploaded in PMSS:

Detail procurement plan is attached in Annexure-I.

Decision: The BoG accords permission to carry out the above work.

Agenda No. 10: Any other matter with approval of Chairman:

International conference ICRAMES 2020 will be organized jointly (Malnad College of Engineering and Jorhat Engineering College) at Malnad College of Engineering, Hassan under twinning activity. For this conference, Jorhat Engineering College will contribute maximum Rs. 4,00,000.00 as expenditure. The expenditure will be released after receiving voucher/ invoice and the required documents from the mentor college.

Decision: The BoG accords permission for the contribution as above.

Agenda No. 11 : Vote of Thanks :

There being no other items, the meeting ended with a vote of thanks to the Chair.

Signature

Chairman BOG

Jorhat Engineering College

Date: 23/11/2019

Place: Guwahati

Signature

Principal

Jorhat Engineering College

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Annexure I

PROCUREMENT PLAN FOR LABORATORIES OF MECHANICAL ENGINEERING DEPARTMENT, JEC UNDER TEQIP-III

| EQUIPMENT | Estimated cost |
|---|----------------|
| Thermodynamics Laboratory | 1208556.00 |
| Vapour Compression Refrigeration Trainer | |
| 2. Heat Pump Trainer | |
| Domestic Vapour Absorption System Trainer | |
| Air Conditioning Trainer – Window Type | |
| Two-stage air compressor test rig | |
| Water cooling tower apparatus | |
| Separating& throttling calorimeter with boiler | |
| Thermocouple calibration test rig | |
| Universal Testing Machine : | 1360000.00 |
| Universal Testing Machine Computerized Capacity, 1000KN, 6 Pillar | |
| Type with Hydraulic Jaws | |
| 3. Resolutions: 0.05kN | |
| 4. Max. Clearance for Tensile Test: 50-850 mm | |
| Max. Clearance for Compression Test: 0-850 mm | |
| 6. Clearance between columns: 750mm | |
| 7. Ram Stroke: 250 mm | |
| 8. Straining/Piston Speed at no load: 0-80 mm | |
| Solid work (3 years AMC) 60 users | 800000.00 |
| Solid Works Software EDU Edition Classroom 2019-2020 Network, with | |
| three-year upgrade free. | |
| TOTAL | . 3368556.00 |
| | |

PROCUREMENT PLAN FOR IT ITEMS JEC UNDER TEQIP-III

| Item Name | Quantity | Total Estimated Cost (Rs.) | TOTAL |
|---|----------|----------------------------------|------------|
| Projector : XGA, 4500 Lumens, VGA, 2xHDMI, Optional Wifi, LAN, 20000:1 contrast ratio, 6000/12500 hr lamp life | 16 | 65000.00 | 1040000.00 |
| Xerox copier: 23 PPM, 128 MB RAM, 30 ipm Scan Speed, Scan to PC, Scan to Network, 350 Sheets tray capacity, 10X100 Ethernet | 1 | 60000.00 | 60000.00 |
| Webcam: 5-megapixel snapshots Built-in mic with noise reduction Automatic light correction Im compatibility Hd video calls | 100 | 2500.00 | 250000.00 |

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e-Journals

| Product | Subscription Period upto | No of Titles | Offer Price | Method pf procurement |
|--------------------|-----------------------------|--------------|-------------|--------------------------|
| ASME e-journals | 31-12-2020 | 31 | 233175.00 | Direct |
| Elsevier e journal | 31-12-2020 | 274 | 705915.00 | Direct |

Furniture

| Department | TOTAL |
|--------------------------------|--------|
| Instrumentation Engineering | 740700 |
| Computer Science & Engineering | 687200 |
| Mechanical Engineering | 462000 |
| Electrical | 730100 |

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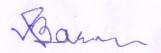
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| SI No | Item name | Item Specification | Dept. | Quantity |
|-------|------------------------|--|-----------------|----------|
| | Laboratory Table -3 | 10ft. length X 2.4ft. width X 2.6ft. height, Two sliding drawers of length 2.5ft. at equal distance for keyboard Footrest 4 inches above ground with three horizontal bars for housing C.P.U. With frame made of 1.5 inch square pipe, Wooden finished top made of 0.5 inch ply board with blue sun mica | CSE | 8 |
| 2 | Laboratory Table -4 | 7ft. length X 2.4ft. width X 2.6ft. height, Three sliding drawers of length 2 ft. each at equal distance for keyboard, Footrest 4 inches above ground with three horizontal bars for housing C.P.U., With frame made of 1.5 inch square pipe, Wooden finished top made of 0.5 inch ply board with blue sun mica | CSE | 6 |
| 3 | Laboratory Table -1 | 5 ft. length X 2.4ft. width X 2.6ft. height, Two sliding drawers(with sliders) of length 2ft. at equal distance for keyboard, Footrest 4 inches above ground with three horizontal bars for housing C.P.U. With frame made of 1.5 inch square pipe Wooden finished top made of 0.5 inch ply board with 0.8mm blue sun mica Reliable finish | Instrumentation | 16 |
| 4 | Laboratory Table -2 | 6ft. length X 2ft. width X3ft 6 in. height, With frame made of 1.5 inch square pipe, Wooden finished top made of 0.5 inch ply board with 0.8mm blue sun mica, Reliable finish | Instrumentation | 8 |
| 5 | Laboratory Table -5 | 3.5 ft. length x 2.5 ft. width x 2.5 ft. height; One sliding drawers of length 2.5 ft. at equal distance for keyboard; Footrest 4 inches above ground with 4 horizontal (2 inch X 6 inch) bars for housing C.P.U. and UPS; With frame made of 1.5 inch square pipe; Wooden finished top made of 1 inch ply board with blue sun mica | EE . | 2 |
| 6 | Laboratory Table -6 | 4 ft. length x 3 ft. width x 2.5 ft. height; Footrest 4 inches above ground with 4 horizontal (2 inch X 6 inch) bars for housing circuit accessories; With frame made of 1.5 inch square pipe; Wooden finished top made of 1 inch ply board with blue sun mica | EE | 40 |
| 7 | Machine Table | 8 ft length x 4ft width x 2.5 ft height Iron square pipe size 50 mm × 50 mm (heavy duty) 19 mm ply (Screen ply/ century) top with pastings (back side of ply board where company board should not be painted) | месн | 18 |
| 8 | Writing table | 8 ft length x 3ft width x 30 inch height Iron square pipe size 50 mm × 50 mm (heavy duty) 19 mm ply (Screen ply/ century) top 1mm Sanmaika pasting with wooden border beat (teak) | MECH | 12 |
| 9 | Discussion table | 8 ft (Length) x 6 ft (Width) x 2.5 ft (Height); With Brown colour; 25mm chipboard high pressure melamine Cherry Laminated top; With frame made of 1.5 inch square pipe, and 4 numbers of 60mm tubular square legs made of high-quality metal; Reliable finish | | 1 |
| | | | CSE | 1 |
| | | | EE | 2 - |

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| 10 | C | | Mech | 3 |
|----|-------------------------------------|--|--|----|
| 10 | Secretary table | 4 ft × 2.5 ft × 2.5 ft : Body made up of 20 gauge metal sheet with powder coating and frame = 1.5 inch square pipeboth sides drawers. Top : 19 mm water proof plyboard, 1 mm laminated finished Mika, Both side drawer at top and one self with door with lock, handle | Miceli | |
| | Laboratory Chair | dimensions: 24 inches (Depth) x 24 inches (width) Made of high-quality Metal With Soft Upholstered Seat & Black Breathable Mesh Back With ample Support to Your Back & Shoulders, No armrest, Reliable finish | Instrumentation | 30 |
| | | | CSE | 68 |
| 12 | Chair for discussion table | | Instrumentation | 10 |
| | | Made of high-quality Metal with chrome plated & Black hard Leathere single piece (top and back rest), With Soft Cushioned Seat with padded arms, With ample Support to Your Back & Shoulders, dimensions: 24 inches (Depth) x 24 inches (width), Reliable finish | | |
| | | (sepul) 12 million (million), | CSE | 12 |
| | | | EE | 22 |
| | | Made of high-quality Metal with chrome plated & Black hard Leathere single piece (top and back rest), With woodfinish arms, With ample Support to Your Back & Shoulders, supporting on four legs, dimensions: 24 inches (Depth) x 24 inches (width), Reliable finish | Mech | 12 |
| 13 | Bench | Bench: Iron square pipe size 50 mm × 50 mm (heavy duty) 19 mm ply (Screen ply/ century) top 1mm Sanmaika pasting with wooden border beat (teak) | Mech | 24 |
| 14 | Steel Almirah | , | Instrumentation | 3 |
| | | Material: High quality mild steel consisting of various sections to accommodate laboratory components Dimension:1980mm(H), 900mm(W), 480mm(D), 5 compartments [top 2 compartments are of half the height of the other 3] Inside locker facility: No Outside door lock facility: Yes Reliable finish | | |
| | | Material: High quality mild steel consisting of 4 compartments Dimension:1980mm(H), 900mm(W), 480mm(D), Outside door lock facility: Yes Reliable finish | Mechanical | 3 |
| | | Material: High quality 5 mm thick mild steel sheet to accommodate laboratory equipments; Dimension: 1950 mm (H), 900 mm (W), 480 mm (D); 5 compartments each of equal heights; No inside locker; Outside door lock facility; Powder coated navy blue painting; Reliable finish | Electrical | 9 |
| 15 | Bookshelves for documentation | Standard Close type with 4 shutter-doors with individual locks, 4 shelves; Made of 5 mm thick galvanized steel sheets; powder coated, 4 mm glass for | Electrical | 10 |
| | room | shutter doors; reliable finish | No. of the last of | |





| | | Design type: Standard close type, 2 doors, 4 shelves Style: contemporary suitable for library Shape: rectangular: 85cm(W), 185cm(H), 40cm (D) Mount type: free standing Primary material: galvanised steel (0.5mm), powder coated; Secondary material: Glass (for door)Door lock facility, Reliable finish | Instrumentation | 2 |
|----|---|---|-----------------|----|
| 16 | Laboratory Stools | Seat: 46 cm(H), 28-30cm(L), 28-30cm(W) Style: contemporary Material: Primary material – metal; Scat – Polypropylene, Legs-steel, epoxy/polyester powder coating, Reliable finish | Instrumentation | 50 |
| 17 | Open rack | Shape: rectangular: 85cm(W), 185cm(H), 40cm (D) Material: Metal with adjustable partitions | Instrumentation | 4 |
| 18 | Office Executive (secretary) table | 2800 mm (W) x 2200 mm (D) x 760 mm (H); Three drawers on both sides; Footrest 4 inches above ground with 2 horizontal (2 inch X 6 inch) bars; With frame made of 1.5 inch square pipe; Wooden finished top made of 1 inch ply board with brown sun mica; reliable and beautiful finish | Electrical | 1 |
| 19 | Office Executive (secretary) Chair | Dimensions: H 42-45 (pneumatic adjustable) x W 27 x D 24; Seating Height: 19-22 (pneumatic adjustable) (All Dimensions in Inches); Made of high-quality Metal & Black Leatherette; With Soft Cushioned Scat; With ample Support to Your Back & Shoulders & arm rest; Ergonomic plush, high back with a headrest; superior lumbar support, 360-degree swivel options for effortless mobility and pneumatic height adjustments; Reliable finish | Electrical | 1 |

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HORIZONTAL EXTENTION OF THERMODYNAMICS & AIR CONDITIONING LABORATOTY

Department of Mechanical Engineering

Estimated cost: Rs. 1530596.00

| Item No | Description | Square Feet | Rate in Rs. | Amount |
|---------|--|-----------------|-------------|-----------|
| 1 | Dismantling of old existing walls ,floors and Roof | 540 | 50 | 27000.00 |
| 1 | Supply & Construction of 5 inch bricks Wall | 1392 | 95 | 132240.00 |
| 2 | Supply & Fitting of 10 mm bar grills | 1900 Kg | 80 | 152000.00 |
| 4 | Supply & Fitting of 2 inch pipes truss | 2000 Kg | 80 | 160000.00 |
| 5 | Supply & Fitting of 0.45 mm Coloured roof (Tin) on truss | 200 sq. meters | 600 | 120000.00 |
| 6 | Supply & Fitting of Wall Painting (Plastic Paints with putty & Oil Paint on Grilland Truss) | 2700 | 25 | 67000.00 |
| 7 | Supply & Fitting of point wiring with 28W LED tubes | 15 no. | 800 | 12000.00 |
| 8 | Supply & Fitting of point wiring with 2400 Electric | 15nos. | 3000 | 45000.00 |
| 9 | Earth filling | 1843 cubic feet | 70 | 129010.00 |
| 10 | PCC floor | 2000 | 100 | 200000.00 |
| 11 | Main Supply (3 Phase) with Protection Devices | 20 meters | 200 | 40000.00 |
| 12 | Shifting and supply of 1000 liters water tank | 1 no. | 15000 | 15000.00 |
| 13 | Others GST 18% | | | 233481.00 |

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