

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 641 013

TEQIP PHASE II

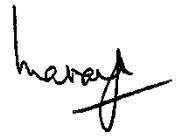
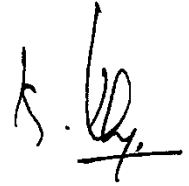
MINUTES OF THE SECOND MEETING OF THE BOARD OF GOVERNORS (TEQIP)

HELD AT THE PRINCIPAL'S CHAMBER ON 09.04.2012 AT 10.30 AM

The meeting of the Board of Governors of the Government College of Technology, Coimbatore 13, was held at the Principal's Chamber of the college on Monday the 09.04.2012 at 10.30 AM.

The following members attended the BOG meeting.

1. Mr.K.Ilango Chairman
Joint Managing Director
RSM Autokast Limited
603, C- Block, Pioneer Complex
1075, Avanashi Road
Coimbatore – 641 018
2. Dr.R.Sundararajan Member Secretary
Principal
3. Er.Lakshminarayanan Member
Managing Director, Autozone
SS No.149, Behind Lotus TVS
Show room
Mettupalayam Road
Coimbatore -641 043
4. Dr.V.Chelladurai Member
Principal
Coimbatore Institute of Technology
Coimbatore -641 014
5. Prof.Esther Annlin Kala James Member
Prof. of ECE & Commn. Engg.,GCT,CBE
6. Dr.N.Devarajan Member
Prof. of EIE, GCT, CBE



2. The Educationalist Member- Additional Director (Poly.Exam), Directorate of Technical Education, Chennai -25 could not attend the meeting due to his prior commitments.

Requisition for nomination of members has been sent to the UGC, Government of Tamilnadu and Anna University of Technology Coimbatore. However, the above mentioned members are yet to be nominated.

Dr.R.Sundararajan, Principal and Member Secretary extended a warm welcome to the Chairman and members and briefed them on the agenda of the meeting.

Mr.K.Ilango, Chairman, BOG welcomed the members of the BOG and requested the Member- Secretary to initiate the discussion.

The agenda was taken up in an orderly manner.

ITEM 1: Approval of the proposal for purchase of Thin/Thick film measurement system at a cost of Rs.3 lakhs

The proposal for the purchase of Thin/Thick film measurement system at a cost of Rs.3 lakhs was discussed in detail. As this equipment would help enhance the Research and Development activities and Consultancy in the area of thin film and thick film technology, this proposal was accepted by the Board of Governors.

ITEM 2: Approval of the purchase of Digital Signal Processing Lab Solution at a cost of Rs.13 lakhs

The proposal for the purchase of Digital Signal Processing Lab Solution at a cost of Rs.13 lakhs was approved by the members without many deliberations, as they felt that this purchase would be immensely useful for the PG students and research scholars of the Department of ECE for their research.

ITEM 3: Approval for the purchase of Multi-purpose Lab Station at a cost of Rs.8 lakhs

The proposal to purchase the Multi- level Lab Station that would be immensely useful for the research students of the department of EEE was approved by the members. The members also pointed that the Multi- level Lab Station would also generate internal revenue through consultancies.

ITEM 4: Approval for the purchase of Power System Lab Trainer at a cost of Rs.30 lakhs

The Department of EEE had submitted a proposal for the purchase of Power System Lab Trainer at a cost of Rs.30 lakhs. This kit would help to study the working principle of power system lab equipments. The members felt that the purchase of this kit would make

understanding of concepts easier for the students. They approved the purchase of the Power System Lab Trainer.

ITEM 5: Approval of the purchase of PLC and its application kits at a cost of Rs.10 lakhs

The proposal for the purchase of PLC and its application kits that could be used for automation of electromechanical processes and for automation controller in industrial and real time costing Rs.10 lakhs was submitted by the Department of EEE. The members approved the purchase with the opinion that this kit would be extremely useful for the Laboratory classes.

ITEM 6: Approval for the purchase of Pressuremeter at a cost of Rs.7 lakhs

The Department of Civil Engineering had submitted a proposal for the purchase of a Pressure meter at a cost of Rs.7 lakhs. The members approved the purchase of Pressure meter with a positive comment that it is very reliable in measurement of ground engineering problems, and would fetch a handsome IRG for the institution.

ITEM 7: Approval for the purchase of Block Vibration Test at a cost of Rs.3.50 lakhs

The proposal for the purchase of Block Vibration Test that is useful for the evaluation of the dynamic properties of the site submitted by the Department of Civil Engineering was approved by the members.

ITEM 8: Approval for the purchase of Geotechnical Field Monitoring System at a cost of Rs.1 lakh

The proposal for the purchase of Geotechnical Field Monitoring System including piezometer, settlement cells, Tilt- meter, Pendulums, Pressure cells, Stress meter, Rock bolts and Pull out test apparatus at a cost of Rs.1 lakh was approved. However, the Chairman felt that purchases of such routine nature could be made with the Block Grant, thereby preserving the TEQIP funds for higher investments.

ITEM 9: Approval for the purchase of Global Positioning System at a cost of Rs.2 lakhs

The purchase of Global Positioning System at a cost of Rs.2 lakhs that was proposed by the Department of Civil Engineering was approved by the members.

ITEM 10: Approval for the purchase of Planer Magnetron RF Upward Sputtering unit with Accessories at a cost of Rs.7 lakhs

The proposal for the purchase of Planer Magnetron RF Upward Sputtering unit with Accessories which would allow system users to select operation from DC or RF power supplies was approved by the members.

ITEM 11: Approval for the purchase of UV Spectro photometer and accessories (Absorption) at a cost of Rs.15 lakhs

The proposal for the purchase of a UV spectrophotometer that can be used for the measurement of transmittance or reflectance of solutions, transparent or opaque solids, such as polished glass, or gases was approved by the members of the BOG.

ITEM 12: Approval for the purchase of Impedence Measurement Meter at Rs.15 lakhs

The proposal for the purchase of an Impedence Measurement Meter that would be useful in testing components and materials in a variety of research was approved by the members for purchasing at a price of Rs.15 lakhs.

ITEM 13: Approval for the purchase of Oasys Software at a cost of Rs.7.50 lakhs

The proposal for the purchase of Oasys software for Rs.7.50 lakhs that was submitted by the Department of Civil Engineering for use in Geotechnical consultancy works was approved by the members.

ITEM 14: Approval for the purchase of Photo luminescence apparatus (High Sensitivity version) at a cost of Rs.7 lakhs

The proposal for the purchase of Photo luminescence apparatus at a cost of Rs. 7 lakhs was approved by the members. The members felt that photoluminescent analysis of a selected photoluminescent target substance could be easily done with this apparatus.

ITEM 15: Approval for the purchase of Hall Effect Measurement system for Rs. 15 lakhs

The proposal for the purchase of Hall Effect Measurement System for Rs. 15lakhs that is useful for measurement of the voltage difference (the *Hall* voltage) across an electrical conductor in a direction transverse to the current flow in a system of charged particles, was approved by the members.

ITEM 16: Approval for the purchase of Desktop computers at a cost of Rs. 1.5 lakhs for TEQIP office

The proposal for the purchase of 4 Desktop computers for Rs. 1.5 lakhs that is useful in office automation was approved by the members.

ITEM 17: Approval for the purchase of X-BAND Microstrip Antenna Trainer Kit at a cost of Rs.4.57 lakhs

The proposal for the purchase of X-BAND Microstrip Antenna Trainer Kit, that helps the students to study and easily understand the principles of microstrip antennae was submitted by the Department of ECE. This purchase was approved by the members.

ITEM 18: Approval for the purchase of Digital Image Processing unit at a cost of Rs.1.40 lakhs

The proposal for the purchase of Digital Image Processing unit at a cost of Rs.1.40 lakhs, that was submitted by the Department of ECE to be used for PG research was approved by the members.

ITEM 19: Approval for the purchase of DM6437 Digital Video Development platform at a cost of Rs.2.50 lakhs

The proposal for the purchase of DM6437 Digital Video Development platform at a cost of Rs.2.50 lakhs, that was submitted by the Department of ECE was approved by the members. The members agreed that this Digital Video Development Platform would simplify development of digital video applications.

ITEM 20: Approval for the purchase of Frame Grabber at a cost of Rs.3.50 lakhs

The proposal for the purchase of Frame Grabber at a cost of Rs.3.50 lakhs was approved by the members.

ITEM 21: Approval for the purchase of Sigma scan Pro 5.0 – Automated image analysis software at a cost of Rs.5 lakhs

The proposal for the purchase of Sigma scan Pro 5.0 – Automated image analysis software at a cost of Rs.5 lakhs, that was submitted by the Department of ECE was approved by the members.

ITEM 22: Approval for the purchase of Apple Macpro 2.66GHz Quad-Core Intel Xeon processors at a cost of Rs.7.5 lakhs

The proposal for the purchase of Apple Macpro 2.66GHz Quad-Core Intel Xeon processors at a cost of Rs.7.5 lakhs, that was submitted by the Department of ECE, for use in PG research was approved by the members.

ITEM 23: Approval for the purchase of High Quality Image Scanners at a cost of Rs.0.50 lakhs

The proposal for the purchase of High Quality Image Scanners that is to be used for PG Research and laboratory classes that was submitted by the Department of ECE was approved by the members.

ITEM 24: Approval for the purchase of Furniture for Rs.1 lakh

The proposal for the purchase of steel tables, cupboards and chairs for the TEQIP office at a total cost of Rs.1 lakh was approved by the members.

ITEM 25: Approval for the purchase of Simultaneous DTA-TGA System, Thermal Analysis System Software and Interface at a cost of Rs.24 lakhs

The proposal for the purchase of Simultaneous DTA-TGA System, Thermal Analysis System Software and Interface at a cost of Rs.24 lakhs was approved by the members.

ITEM 26: Approval for the purchase of Binary HPLC System with Chromatography Work Station at a cost of Rs.11.20 lakhs

The proposal for the purchase of Binary HPLC System with Chromatography Work Station at a cost of Rs.11.20 lakhs was approved by the members.

ITEM 27: Approval for the purchase of PC based double beam spectrophotometer at a cost of Rs.3 lakhs

The proposal for the purchase of PC based double beam spectrophotometer at a cost of Rs.3 lakhs was approved by the members.

ITEM 28: Approval for the purchase of TOC Analyser at a cost of Rs. 15 lakhs

The proposal for the purchase of TOC Analyser at a cost of Rs. 15 lakhs was submitted by the Department of Civil Engineering. The purchase of TOC analyser, which measure the Total Organic Content, at a cost of Rs.15 lakhs was approved by the members.

ITEM 29: Approval for the purchase of HPLC Apparatus at a cost of Rs. 1 lakh

The proposal for the purchase of HPLC Apparatus at a cost of Rs. 1 lakh was submitted by the Department of Civil Engineering. HPLC separates a mixture of compounds in analytical chemistry and bio-chemistry with the purpose of identifying, quantifying and purifying the individual components of the mixture. This purchase of HPLC apparatus at a cost of Rs.1 lakh was approved by the members.

ITEM 30: Approval for the purchase of Ambient air quality monitoring Equipment at a cost of Rs. 0.5 lakh

The proposal for the purchase of Ambient air quality monitoring Equipment at a cost of Rs.0.5 lakh was approved by the members.

ITEM 31: Approval for the purchase of High speed Refrigerated centrifuge at a cost of Rs. 1.5 lakhs

The proposal for the purchase of High speed Refrigerated centrifuge at a cost of Rs. 1.5 lakhs was approved by the members.

ITEM 32: Approval for the purchase of Gas Flowmeter at a cost of Rs. 0.5 lakhs

The proposal for the purchase Gas Flowmeter at a cost of Rs. 0.5 lakhs was approved by the members.

ITEM 33: Approval for the purchase of Microbalance at a cost of Rs. 1.5 lakhs

The proposal for the purchase of Microbalance at a cost of Rs. 1.5 lakhs was approved by the members.

ITEM 34 : Approval for the purchase of Hydrogen gas flow meter at a cost of Rs. 0.6 lakh

The proposal for the purchase of Hydrogen gas flow meter at a cost of Rs. 0.6 lakh was approved by the members.

ITEM 35 : Approval for the purchase of FTIR Spectrophotometer at a cost of Rs. 5 lakhs

The proposal for the purchase of FTIR Spectrophotometer that can be used for chemical analysis. at a cost of Rs. 5 lakhs was approved by the members. The members placed on record the usefulness of the FTIR Spectrophotometer in measuring how well a sample absorbs light at various wavelengths, would be very useful for PG research.

ITEM 36: Approval for the purchase of Scanning Electron Microscope at a cost of Rs. 50 lakhs

The proposal for the purchase of Scanning Electron Microscope was submitted by the Department of Civil Engineering. The Scanning Electron Microscope which reveals information about the including external morphology (texture), chemical composition, and crystalline structure and orientation of materials making up the sample and displays spatial variations in these properties would be immensely useful for the researchers. The purchase of the Scanning Electron Microscope at a price of Rs.50 lakhs was approved by the members.

ITEM 37: Approval for the purchase of Qualnet Software at a cost of Rs12 lakhs

The purchase of Qualnet Software, costing Rs.12 lakhs, which is used for simulation of wireless ad-hoc networks was approved by the members.

ITEM 38: Approval for the purchase of Silver Schmidt Digital Rebound Hammer at a cost of Rs. 3 lakhs

The purchase of Silver Schmidt Digital Rebound Hammer at a cost of Rs. 3 lakhs was approved by the members. The members felt that this purchase would enhance revenue generation for the institution, as the Silver Schmidt Digital Rebound Hammer can quickly and easily determine concrete compressive strength.

ITEM 39: Approval for the purchase of Ultrasonic Pulse Velocity Concrete Testing Apparatus at a cost of Rs. 4 lakhs

The proposal for the purchase of Ultrasonic Pulse Velocity Concrete Testing Apparatus was submitted by the Department of Civil Engineering. The purchase of this apparatus at a cost of Rs.4 lakhs was approved by the members, as they believed that it would be highly useful in testing and consultancy works that involve assessing the quality of concrete by ultrasonic pulse velocity.

ITEM 40: Approval for the purchase of Rebar Locator at a cost of Rs. 3 lakhs

A rebar locator can determine the presence and orientation of steel reinforcement rebars under the surface of the concrete. The proposal for the purchase of rebar locator at a price of Rs.3 lakhs was submitted by the Department of Civil Engineering. This purchase was approved by the members.

ITEM 41: Approval for the purchase of Concrete Cover Meter at a cost of Rs.5lakhs

The purchase of Concrete Cover Meter that locates rebars and measures the exact concrete cover by the Department of Civil Engineering at a cost of Rs.5lakhs was approved by the members.

ITEM 42: Approval for the purchase of Corrosive Analyser plus ResistivityMeter at a cost of Rs.6.50lakhs

The proposal for the purchase of Corrosive Analyser plus ResistivityMeter, which measures the rate of corrosion was submitted by the Department of Civil Engineering. The purchase of Corrosive Analyser plus ResistivityMeter, at a cost of Rs.6.50lakhs was approved by the members.

ITEM 43: Approval for the purchase of Accelerator Curing Tank for 12 moulds of 150 mm size at a cost of Rs. 3 lakhs

The purchase of Accelerator Curing Tank for 12 moulds of 150 mm size at a cost of Rs. 3 lakhs was approved by the members.

ITEM 44: Approval for the purchase of Hydraulic Power Pack with Hydraulic Jack of 15 T and 8T Capacity at a cost of Rs.3lakhs

The purchase of Hydraulic Power Pack with Hydraulic Jack of 15 T and 8T Capacity at a cost of Rs.3 lakhs

ITEM 45: Approval for the purchase of Concrete Permeability Apparatus with Compressor at a cost of Rs. 1.70 lakhs

The purchase of Concrete Permeability Apparatus with Compressor at a cost of Rs. 1.70 lakhs

ITEM 46: Approval for the purchase of Hydraulic Flow Table Motorised at a cost of Rs.1.5 lakhs

The purchase of Hydraulic Flow Table Motorised at a cost of Rs.1.5 lakhs was approved by the members.

ITEM 47: Approval for the purchase of Vibration Machine for cement mortar cube along with 18 Nos of 70.6mm cube mould at a cost of Rs.1.80 lakhs

The purchase of Vibration Machine for cement mortar cube along with 18 Nos of 70.6mm cube mould at a cost of Rs.1.80 lakhs was approved by the members.

ITEM 48: Approval for the purchase of Pull out Test Fixture for Hitech computerized UTM at a cost of Rs.4 lakhs

The purchase of Pull out Test Fixture for Hitech computerized UTM at a cost of Rs.4 lakhs was approved by the members.

ITEM 49: Approval for the purchase of Metal Pipe and Cable Locator at a cost of Rs.5 lakhs

The proposal for the purchase of Metal Pipe and Cable Locator at a cost of Rs.5 lakhs, that was submitted by the Department of Civil Engineering , was approved by the members.

ITEM 50: Approval for the purchase of Single cylinder engine 4 stroke diesel, vertical inline overhead valve, water cooled at a cost of Rs.5 lakhs

The proposal for the purchase of Single cylinder engine 4 stroke diesel, vertical inline overhead valve, water cooled at a cost of Rs.5 lakhs, that was submitted by the Department of Mechanical Engineering was approved by the members.

ITEM 51: Approval for the purchase of Industrial Commercial thermal Imager with test Certificate with accessories at a cost of Rs.8.64 lakhs

The proposal for the purchase of Industrial Commercial thermal Imager with test Certificate with accessories at a cost of Rs.8.64 lakhs, that was submitted by the Department of Mechanical Engineering was approved by the members.

ITEM 52: Approval for the purchase of Optical microscope with photograph setter and micro hardness tester at a cost of Rs.15 lakhs

The purchase of Optical microscope with photograph setter and micro hardness tester at a cost of Rs.15 lakhs was approved by the members.

ITEM 53: Approval for the purchase of PIN ON DISC wear test equipment at a cost of Rs.8.40 lakhs

The purchase of PIN ON DISC wear test equipment at a cost of Rs.8.40 lakhs was approved by the members.

ITEM 54: Approval for the purchase of Vibration tester with calibration certificate with accessories at a cost of Rs.9 lakhs

The proposal for the purchase of vibration tester with calibration certificate with accessories at a cost of Rs.9 lakhs was approved by the members.

ITEM 55: Approval for the purchase of Permanent Magnet Shaker at a cost of Rs.3 lakhs

The purchase of Permanent Magnet Shaker at a cost of Rs.3 lakhs was approved by the members.

ITEM 56: Approval for the purchase of LMS test Xpress Octave analyser software at a cost of Rs.1 lakh

The purchase of LMS test Xpress Octave analyser software at a cost of Rs.1lakh was approved by the members.

ITEM 57: Approval for the purchase of Server, Nodes and High speed switches, router, Firewall at a cost of Rs.40 lakhs

The proposal for the purchase of Server, Nodes and High speed switches, router, Firewall at a cost of Rs.40 lakhs that was submitted by the Department of Information Technology was approved by the members.

ITEM 58: Approval for the extensions of EEE, EIE and PH Labs at a cost of Rs.37 lakhs

The extensions of EEE, EIE and PH Labs at a cost of Rs.37 lakhs was approved by the members.

ITEM 59: Approval for the appointment of Performance auditors and mentors at a consultancy charge of Rs.12.50 lakhs

The appointment of Performance auditors and mentors at a consultancy charge of Rs.12.50 lakhs was approved by the members.

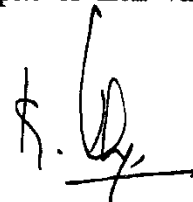
ITEM 60: Any other matter

The Chairman and the members suggested the following,

- a. AMC agreement is to be made with the companies for the high cost machines purchased.
- b. The updation of the college website should be undertaken immediately.

The Principal thanked all the members and expressed his gratitude for having attended the meeting and for their active participation and valuable suggestions, in spite of their various commitments.

The meeting came to an end at 12.30 pm.



(K.ILANGO)

CHAIRMAN, BOG

To
Copy submitted to
The Commissioner of Technical Education, Chennai- 25
- For information
The Chairman, BOG
All the members of BOG
Copy to: All HODs/ COE's Office/TEQIP Office
Copy to: PA to Principal/ Bursar/ B1 Section / BOG File