



**BHARATHIDASAN INSTITUTE OF TECHNOLOGY (BIT) CAMPUS  
ANNA UNIVERSITY, TIRUCHIRAPPALLI - 620 024**

**FOURTEENTH MEETING OF BOARD OF GOVERNORS**

**BY CIRCULATION**

**26<sup>th</sup> April 2016, Tuesday**

**AGENDA & MINUTES**

**014.01.01 To consider and approve the procurement of the instruments to issue the purchase order under National Shopping (NS) method.**

The Chairman, Board of Governors, Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli has approved the procurement of equipments/items for Rs.2.75crores (inclusive 0.25 crores for civil works) on 16.03.2016 for the all eligible departments of Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli

Due to unforeseen circumstances (examinations and short spell of academic activities) the Board of Governors meeting was not convened during March / April 2016. The purchase procedure was strictly followed as per the instructions of the NPIU for all the equipments to be purchased under TEQIP-II.

The following list of equipments/items required by the eligible departments with the quantity and cost were submitted for your kind perusal and approval.

S.No.	Department	File No.	Name of Item	Quantity	Amount in (Rs.)
1	Automobile	TEQIP-II/TN/TN1G04/136	Petrol-Fuel System and Diesel fuel system (Each one)	1	6,17,3840
2			Air Compressor	1	
3			Hydraulic Lift Jack 2 Ton Capacity	1	
4			Three Wheeler Chassis frame	1	
5			Valve lapping machine	1	
6		TEQIP-II/TN/TN1G04/137	Vertical Milling Machine	1	656,085
7			Turret and Capstan Lathes	1	
8		TEQIP-II/TN/TN1G04/138	Tool and cutter grinder	1	424,913
9			Milling Tool Dynamometer	1	
10			Metallurgical Microscope	1	
11		TEQIP-II/TN/TN1G04/200	Centerless grinding machine	1	399,605
12	TEQIP-II/TN/TN1G04/201	Kaplan Turbine	1	452,275	
13	Mechanical	TEQIP-II/TN/TN1G04/139	Solar photovoltaic Kit	1	501,510
14		TEQIP-II/TN/TN1G04/140	Thermal Energy Storage Kit	1	514,334

15			Surface finish measuring equipment	1	
16			Floating Carriage Micrometer	1	
17		TEQIP-II/TN/TN1G04/141	Measuring Devices (Micrometer-4, Vernier Caliper-5, Vernier Height Gauge-2, Vernier depth Gauge-1, Sine Centre -1 )	13	659,978
18			Comparators ( Electrical and Pneumatic) and Gauges (Bore and Telescope, Rosette Strain Gauge-1)	5	
19		TEQIP-II/TN/TN1G04/142	Torsion Testing Machine (60 NM Capacity)	1	522,921
20			Basic Hydraulic Trainer Kit	1	
21			Composite wall apparatus	1	
22		TEQIP-II/TN/TN1G04/202	Thermal conductivity of insulating powder apparatus	1	543,073
23			HC Refrigeration System	1	
24			Fluidized Bed Cooling Tower	1	
25		TEQIP-II/TN/TN1G04/203	Gear Hobbing Machine	1	708,411
26	Biotechnology	TEQIP-II/TN/TN1G04/204	PCR Thermo Cycler*	1	325,617
27	Civil	TEQIP-II/TN/TN1G04/160	1.Plastic Limit Apparatus (in wooden Box) - 4 Unit 2.Liquid Limit Device Hand Operated - 4 Unit 3.Liquid Limit Device Motorized -4 Unit 4.Shrinkage limit of soil - 4 Unit 5.Permeability Test apparatus - 1 Unit	1	86,820
28		TEQIP-II/TN/TN1G04/151	Structured Network Cabling	1	921,560
29	CSE/IT	TEQIP-II/TN/TN1G04/221	Server Room active Components	1	815,696
30		TEQIP-II/TN/TN1G04/222	IT /CSE Digital Board	1	78,120
31	ECE	TEQIP-II/TN/TN1G04/162	Computer Networks Lab Equipment	3	924,900

32		TEQIP-II/TN/TN1G04/163	Electronics Simulation Lab Work station Digital Version	5	887,250
33		TEQIP-II/TN/TN1G04/164	Server	1	76,000
34		TEQIP-II/TN/TN1G04/223	Communication Systems Lab Kits	5	346,160
35	EEE	TEQIP-II/TN/TN1G04/199	Solar Based Single Phase AC Generation ( 10KW)	1	1,323,750
36	Petrochemical	TEQIP-II/TN/TN1G04/167	Hydrocarban Gas Analyser	1	996,765
37		TEQIP-II/TN/TN1G04/168	Kerosene Testing Apparatus	1	84,000
38		TEQIP-II/TN/TN1G04/169	Cloud and Pour Point Apparatus	1	70,665
39		TEQIP-II/TN/TN1G04/170	Reciprocating Pump test rig	1	41,160
40		TEQIP-II/TN/TN1G04/171	Pressure Process Controller	1	214,396
41		TEQIP-II/TN/TN1G04/172	Multi Parameter Bench Top Meter	1	134,155
42		TEQIP-II/TN/TN1G04/173	Heat Transfer in Natural Convection	1	34,545
43		TEQIP-II/TN/TN1G04/208	Vertical and Horizontal Condenser	1	62,895
44		TEQIP-II/TN/TN1G04/210	Visco Meter	1	521,958
45		TEQIP-II/TN/TN1G04/211	Control Valve Trainer	1	169,772
46		TEQIP-II/TN/TN1G04/212	Digital Refractometer	1	239,715
47	TEQIP-II/TN/TN1G04/213	Combined flow reactor	1	73,443	
48	Pharmaceutical	TEQIP-II/TN/TN1G04/175	Fluid Mechanics Equipments	1	444,260
49		TEQIP-II/TN/TN1G04/176	Heat Exchanger	1	90,455
51		TEQIP-II/TN/TN1G04/179	Gel Electrophoresis Western with Blot	1	44,856
52		TEQIP-II/TN/TN1G04/180	UV Tran Illuminator	1	18,690
53		TEQIP-II/TN/TN1G04/181	Microbial Shaker Incubator	1	251,134
54	Chemistry	TEQIP-II/TN/TN1G04/182	Diode Array Spectrometer	1	484,769
55		TEQIP-II/TN/TN1G04/183	FT IR Spectrometer (FT IR)	1	1,029,375

56		TEQIP-II/TN/TN1G04/184	Gas Chromatography	1	795,600
57		TEQIP-II/TN/TN1G04/185	High Performance Liquid Chromatography	1	841,190
58		TEQIP-II/TN/TN1G04/215	5KVA Online UPS	1	110,500
59	Mathematics	TEQIP-II/TN/TN1G04/190	Interactive Smart Board	4	423,999
60	Physics	TEQIP-II/TN/TN1G04/193	Electron Beam Evaporation System	1	696,160
61		TEQIP-II/TN/TN1G04/196	UPS	1	253,890
62		TEQIP-II/TN/TN1G04/216	SILAR Coating System with stirrer	1	296,975
63		TEQIP-II/TN/TN1G04/218	Muffle Furnace and Pelletizer	1	210,108
<b>Total</b>				<b>91</b>	<b>2,04,21,792</b>

The total expenditure incurred for the procurement was Rs.2,04,21,792/- and this may be met from the allotted head of procurement of instruments of Rs.2.75 crores received as additional grant from the total of Rs.5.00 crores under TEQIP-II.

This matter is placed for consideration and approval.

**RESOLVED TO APPROVE the recommendations of the purchase committee for issuing the purchase order to successful bidders through National Shopping (NS) for various Departments of BIT Campus Tiruchirappalli**

**014.01.02 To consider and approve for the re allotment of Rs.25 lakhs from the civil works to purchase of equipments/items.**

The procurement plan approved by Chairman Board of Governor was executed for an amount of Rs.2.75 crores (Rs.2.5 crores for Instruments and Rs.25 lakhs for civil works) as per the letter dated: 16.03.2016. A sum of Rs. 25 lakhs was allotted for the civil works (construction of class rooms in the first floor of Civil block) The preliminary works such as estimation and planning was submitted to the PWD for approval. Although the PWD has approved the plan they were not able to process further because of the code conduct, due to Assembly Elections to be held on May 2016. In this connection SPFU has orally informed us to divert the fund allotted for civil works (Rs.25lakhs) to purchase of instruments. Moreover the Departments

Biotechnology, Civil Engineering, EEE, Mathematics & English have received less responses for quotation enquires. So these departments are not able to purchase some of items as per their requirements. Hence, without compromising the purchase procedures and with concurrence of SPFU, Chennai some of the items were multiplied. The following items/equipments are listed below may be procured under TEQIP-II grant.

S.No.	Department	File No.	Name of Item	Quantity	Amount in (Rs.)
1	Biotechnology	TEQIP-II/TN/TN1G04/185	High Performance Liquid Chromatography	1	8,41,190
		TEQIP-II/TN/TN1G04/182	Diode Array Spectrometer	1	4,84,769
		TEQIP-II/TN/TN1G04/204	PCR Thermo Cycler	1	3,25,617
2	Physics	TEQIP-II/TN/TN1G04/216	SILAR Coating System with stirrer	1	2,96,975
3	Auto/Pharma/EEE (2) Bio/Petro/English/ ECE/ Library/	TEQIP-II/TN/TN1G04/215	5KVA Online UPS	9	9,94,500
4	Pharma (2)/EEE/ Mech /Civil	TEQIP-II/TN/TN1G04/196	UPS	5	12,69,450
5	Civil	TEQIP-II/TN/TN1G04/201	Kaplan Turbine	2	9,04,550
		TEQIP-II/TN/TN1G04/142	Torsion Testing Machine (60 NM Capacity) Basic Hydraulic Trainer Kit	1	5,22,921
<b>Total</b>					<b>56,39,972</b>

The total expenditure incurred for the procurement was Rs.56,39,972/- and this may be met from the allotted head of procurement of instruments of Rs.2.75 crores received as additional grant from the total of Rs.5.00 crores under TEQIP-II.

This matter is placed for consideration and approval.

**RESOLVED TO APPROVE the recommendations of the purchase committee for issuing the purchase order to successful bidders through National Shopping (NS) for various Departments of BIT Campus Tiruchirappalli**

**014.01.03 To consider and approve the procurement of copier and server through DGS&D rate contract.**

Due to shortage of time to complete the purchase procedure permission is requested to procure the following items through DGS&D rate contract.

<b>S.No.</b>	<b>Department</b>	<b>File No.</b>	<b>Name of Item</b>	<b>Quantity</b>	<b>Amount</b>
1	Institute	TEQIP-II/TN/TN1G04/224	Copier	8	5,74,560
2	CSE	TEQIP-II/TN/TN1G04/225	High performance Server	4	8,52,956
				<b>Total</b>	<b>14,27,516</b>

The copier items may be procured through the DGS & D rate contract method which is also one of the purchase procedure prescribed by the NPIU.

The total expenditure incurred for the procurement was Rs.14,27,516/- and this may be met from the allotted head of procurement of instruments of Rs.2.75 crores received as additional grant from the total of Rs.5.00 crores under TEQIP-II.

This matter is for consideration and approval

**RESOLVED TO APPROVE the recommendations of the purchase committee for issuing the purchase order to successful bidders through DGS&D rate contract for the Institute.**

**Mr. R. Balasubramanian**  
Chairman

**Dr. S. Ganesan**  
Member

**Mr. K. E. Rangunathan**  
Member

**Prof. Vir Singh**  
Member

**Mr.K.Arumugam**  
Member

**Dr.S.Muttan**  
Member

**Dr. K. Ruckmani**  
Member

**Dr. P. Rajaguru**  
Member

**Dr. T.Senthilkumar**  
Member Secretary