## OFFICE OF THE COORDINATOR, TEQIP-III NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR

No: NIT/TEQIP18/421 Date: 04-10-2018

All Head of Departments, Head of Centers, and Deans are requested to obtain administrative approval of the equipment (List Enclosed) from Competent Authority so that process of purchase can be initiated.

In case approval has been accorded, kindly contact TEQIP III office for further necessary action.

For your reference the detailed procedure for carrying out purchase under TEQIP III is attached at (Annexure 1)

NODAL ØFFICER PROCUREMENT TEQIP III

#### Copy for information to:

- 1. H.O.D Chemical Engineering Department
- 2. H.O.D Chemistry Department
- 3. H.O.D Civil Engineering Department.
- 4. H.O.D Computer Science Engineering Department
- 5. H.O.D E & C Engineering Department
- 6. H.O.D Electrical Engineering Department
- 7. H.O.D I.T Department
- 8. H.O.D Mechanical Engineering Department
- 9. H.O.D Metallurgical Engineering Department
- 10. H.O.D Physics Department
- 11. Chairman CRFC
- 12. H.O.C WRMC
- 13. Concerned Files

## OFFICE OF THE TEQIP COORDINATOR NIT Srinagar

### No: NIT/TEQIP18/111 Date: 08 / 03 /2018

As approved by competent authority (copy enclosed), following procedure has been approved for procurement of equipment / softwares and any other item for an amount exceeding INR 5.0 lacs under TEQIP-III.

- Administrative approval of Competent Authority is mandatory before initiating the purchase.
- Evaluation of tender after Bid Opening is responsibility of indenter and DPC of the concerned Department.
- Process of Evaluation of tenders is responsibility of Mr. Habibullah Rather (Sr. Accountant) and AR. (Audit) for the approval of Director.
- Approval of Director is mandatory for issuing Purchase order.

Annexure (2)

- Installation and Commissioning certificate and Performance certificate of indenter to be submitted to TEQIP-III office through concerned H.O.D.
- TEQIP-III office will scrutinize the documents.
- Verification and processing of Bills is responsibility of Mr. Habibullah Rather (Sr. Accountant) and D.R Accounts.
- Final approval of Director is mandatory for release of payment and payment to be made to the supplier/Vendor/ firm directly through PFMS by the Director.
- For the purchases exceeding INR 50 lacs, above procedure will be adopted after obtaining the approval of B.O.G before initiating the purchase/ work.

8/3/18

Coordinator TEQIP-III

Copy to:

- All H.O.D's/Deans/Head's.
- DK Accounts.
- Ar. Audit. 🖌
- Mr. Habibullah Rather

| WRMC  |                                |
|-------|--------------------------------|
| S.no. | Name of the Equipment          |
| 1     | Soil Sampler                   |
| 2     | Gas Analyzer                   |
| 3     | Relative Humidity Meter        |
| 4     | Particulate Measuring Meter    |
| 5     | Methane Measuring Meter        |
| 6     | Carbon Dioxide Meter           |
| 7     | Inkjet Printer                 |
| 8     | Carbon Monoxide Meter          |
| 9     | Burette Stand                  |
| 10    | Hot Plate                      |
| 11    | Plotter Paper Roll             |
| 12    | Sound Velocity Meter           |
| 13    | Temperature Meter              |
| 14    | Nitrogen Meter                 |
| 15    | Cod Meter                      |
| 16    | BOD Meter                      |
| 17    | Fluoride Meter                 |
| 18    | Nitrate Meter                  |
| 19    | Chloride Meter                 |
| 20    | Do Meter                       |
| 21    | Sound Octave Band              |
| 22    | Sound Intensity Decibel Meter  |
| 23    | Soil Sieves                    |
| 24    | Sample Preparetor              |
| 25    | Sulphur Dioxide Analysis Meter |
| 26    | Ozone Gas Analyzer             |
| 27    | Air Sampler                    |
| 28    | Turbidity Meter                |
| 29    | Temperature Recording Meter    |
| 30    | Laboratory Stand               |
| 31    | Stabilizers                    |
| 32    | Glass Burette-50 Ml            |
| 33    | Laboratory Cylinders           |
| 34    | Sound Intensity Meter          |
| 35    | Flame Photo Meter              |
| 36    | Deep Freezer                   |
| 37    | Soil Analyzer Kit              |

| Mechanical Engineering Department |                       |
|-----------------------------------|-----------------------|
| S.no.                             | Name of the equipment |
| 1                                 | Turbine Tester        |
| 2                                 | Engine Tester         |
| 3                                 | Tribocorrosion Tester |

| E and C | C Department |  |
|---------|--------------|--|
|---------|--------------|--|

| S.no. | Name of the equipment   |
|-------|-------------------------|
| 1     | Device Simulator        |
| 2     | Spin Coater             |
| 3     | Thermal Imager          |
| 4     | PCB Machine             |
| 5     | Micro Processor Trainer |
| 6     | Digital Trainer         |
| 7     | communication Kits      |
| 8     | Microwave Benches       |

# Metallurgical Engineering Department

| S.no | Name of the Equipment                    |
|------|--|
| 1    | Computerised Micro Hardness Tester       |
| 2    | High Temperature Tube Furnace Upto 1200C |
| 3    | Horizontal Electronic Tensometer         |
| 4    | Stir Casting Furnance                    |
|      |  |

| CIVIL | <b>CIVIL ENGINEERING DEPARTMENT</b>    |  |  |
|-------|--|--|--|
| S.No. | Name Of The Equipment                  |  |  |
| 1     | Original Schmidth Type Hammer (type L) |  |  |
| 2     | Core Drilling Machine                  |  |  |
| 3     | Automatic Level                        |  |  |
| 4     | Digital Fluoride Meter With Probe      |  |  |
| 5     | Digital Theodolide                     |  |  |
| 6     | Electronic Balance                     |  |  |
| 7     | Water Testing Kit JAL TARA             |  |  |
| 8     | Dynamics Lab                           |  |  |
| 9     | TDS Meter                              |  |  |
| 10    | Flexural Testing Machine               |  |  |

| C    | <b>Chemical Engineering Department</b> |  |
|------|--|--|
| S.no | Name of the Equipment                  |  |
| 1    | FTIR                                   |  |
| 2    | HPLC                                   |  |

|      | Electrical Engineering Department       |
|------|---|
| S.no | Name of the Equipment                   |
| 1    | Numerical Relay Development Environment |
| 2    | Displacement Measurement Trainer        |
| 3    | Electric Measurement Trainer            |
| 4    | PID Trainer                             |
| 5    | ACE SCLX MC USB:ACE                     |
| 6    | Power Factor Demonstrator               |
| 7    | Transformer Oil Testing System          |
| 8    | ETAP/PSCAD                              |

|       | IT DEPARTMENT           |
|-------|-------------------------|
| S.no. | Name of the equipment   |
| 1     | Cisco Fiber Switch      |
| 2     | Sensor System           |
| 3     | WSN                     |
| 4     | Smart Interactive Kiosk |
| 5     | Router                  |
| 6     | IOT Development System  |

|      | Computer Science Engineering  |
|------|---|
| S.no | Name of the Equipment/Goods   |
|      |   |
| 1    | Getting Started With Intel Edison By Stephine Moyerman  |
| 2    | <ul> <li>Books <ol> <li>The Green Computing Book: Tackling Energy Efficiency at Large Scale by Wuchun Feng; CRC press Taylor and Francis Group</li> <li>Blockchain Applications: A Hands-On Approach-Hardcover - by Arshdeep Bahga and Vijay Madisetti</li> <li>Ethereum: Blockchains, Digital Assets, Smart Contracts, Decentralized Autonomous Organizations Paperback – by Henning Diedrich</li> <li>Blockchain Revolution: How the Technology Behind Bitcoin Is Changing Money, Business, and the World –Paperback by Don Tapscott and Alex Tapscott.</li> <li>Getting Started with Intel Edison by Stephanie Moyerman</li> </ol> </li> </ul> |
| 3    | Intel Joule 570x Developer Kit  |
| 4    | Grove Starter Kit for 96Boards  |
| 5    | Arduino UNO R3 Board  |
| 6    | Raspberry Pi 3 Model B- Complete Kit  |
| 7    | Real Sense Development Kit featuring the SR300  |
| 8    | Genuino 101 (Intel Curie)   |
| 9    | Intel Edison and Grove IOT Starter Kit Powered by AWS   |
| 10   | Wireless sensor Network Monitoring and Notification Software iMount Enterprise Edition  |
| 11   | Libelium Waspmote Plug and Sense Tool Kit   |
| 12   | VMWare 12.5 Pro   |
| 13   | Parallel Studio   |

|      | Physics Department   |
|------|--|
| S.No | Name Of The Equipment  |
| 1    | Specfic Charge Of Electrom   |
| 2    | Apparatus For Frank-Hertz Experiment                               |
| 3    | GM Counter   |
| 4    | Michelson Interferometer   |
| 5    | Apparatus For Measuring The Magnetoresistance Of<br>Semiconductors |

|      | Chemistry Department                             |
|------|--|
| S.no | Name of the Equipment                            |
|      | Spectroquant Thermoreactor And Empty Round Cells |
| 1    | 16mm   |
| 2    | Digital Melting Point Apparatus                  |
| 3    | Millipore Water System                           |

| CRFC  |                                   |
|-------|-----------------------------------|
| S.no. | Name of the Equipment             |
|       |                                   |
| 1     | Multi Targeting Sputtering System |