

Phone: Off: +91-40-23158665  
 Fax: +91-40-23158665  
 Web : [www.jntuh.ac.in](http://www.jntuh.ac.in)  
 E Mail: [pa2registrar@jntuh.ac.in](mailto:pa2registrar@jntuh.ac.in)



## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

**Kukatpally, Hyderabad – 500 085, Telangana (India)**

### Amendment to the Tender Notification No.JNTUH/DAPO/TENDERS/05/2019 dated 11.05.2019

In the pre-bid meeting held on 27.05.2019 at 04.00 PM in the Chambers of the Director, Academic & Planning and as per the discussions, certain amendments have to be incorporated in the specifications of the various items which are mentioned in the respective Tender Documents.

Hence, you are requested to read the amendments as mentioned below:

| S.No.  | Description   | Existing Serial No. of item specification   | Modified specification   |
|--------|---|---|--|
| Item 2 | <b>a. Server (10 core)<br/>2 Nos.</b>   | Memory  | To be read as 128 GB (8x16 GB)   |
|        |   | RAID Controller   | Cache 2GB (added)  |
|        |   | Boot Storage  | To be read as Boot storage/equivalent instead of Boot storage  |
|        |   | Operating system support  | Canonical deleted  |
|        |   | Warranty  | and Monitor deleted  |
|        | <b>Server (8 core) 3 Nos.</b>   | Memory  | To be read as 64 GB (16x4 GB)  |
|        |   | RAID Controller   | Cache 2GB (added)  |
|        |   | Boot Storage  | To be read as Boot storage/equivalent instead of Boot storage  |
|        |   | Operating system support  | Canonical deleted  |
|        |   | Warranty  | and Monitor deleted  |
| Item 3 | <b>Physics lab equipment (CEJ)</b>  | 2. Photoelectric effect experimental setup  | To be read as Light source: Mercury coated lamp instead of external light source which is 110 LED's with remote sensor |
|        |   | 3. Coupled Oscillator Exp setup   | To be read as Stop clock: start – stop digital battery operated instead of mains operated                              |
|        |   | 5. Torsional pendulum Exp setup:  | To be read as Stop clock: start – stop digital battery operated instead of mains operated                              |
| Item 4 | <b>a. Computerized Universal Testing machine (CEJ)</b>  | Typical tests   | Hardness test deleted  |
|        |   | Other Technical specifications  | In additional For Flenural Test (bending attachment) Flenural testing attachment for round/flat specimen with complete |
|        | <b>c. Variable Compression Ratio (VCR) Multi fuel Engine Test Rig and Multi Cylinder four stroke Diesel Engine Test Rig (CEM)</b> | 1. Variable Compression Ratio-Diesel Engine Test Rig (VCR) Multi fuel Engine Test Rig | To be read as Variable Compression Ratio-Diesel Engine Test Rig (VCR) only<br>Multi fuel Engine Test Rig deleted       |
|        |   | Engine  | Added Brand new engine (Kirloskar)   |
|        |   | Load  | Added With water cooling system  |
|        |   | <b>2. Multi Cylinder four stroke Diesel Engine Test Rig</b>                           |  |
|        |   | Engine  | CRDI deleted<br>To be read as Maruthi/Hindustan Motors   |

|        |  |   |  |
|--------|--|---|--|
| Item 4 | <b>d. Machine Tools lab equipment (CEs)</b>                  | Lathe machine   | Spindle power (KW) – 11 deleted<br>To be read as Main motor power HP 4 instead of KW 7.5   |
|        | <b>e. Instrumentation &amp; Control system lab equipment</b> | 5. Equipment for calibration of thermocouples for temperature measurement                   | Thermocouples; J,K type one each 'T' deleted<br>RTD:Pt – 100 deleted   |
|        |  | 8. Equipment for calibration of resistance temperature detector for temperature measurement | Thermocouple : Fe / K (J-Type) deleted<br>Thermistor : 5/10 K Ohms (NTC -Type) deleted<br>Thermocouple Trainer deleted<br>Thermistor Trainer deleted |
| Item 5 | <b>Concrete and Highway Technology lab equipment</b>         | Quantity  | The quantity of the items will depend on unit price of the items. After knowing the unit from the price bid quantities will be decided               |
|        |  | 2. compression testing machine  | To be read as (a) Moulds of 15cmx15cm cubes (b) 15cmx30cm cylindrical moulds (c) 70.6mmx70.6mmx70.6mm cube moulds                                    |
|        |  | 11. Coarse sieve set  | diameters of the sieve 450mm Aperture size 63mm, 50mm, 40mm, 25mm, 20mm, 16mm, 12mm, 10mm 6.3mm  |
|        |  | 15. Vibrating table   | Table top size 525mmx525mm   |
|        |  | 16. Accelerated curing tank   | To accommodate 6 no. of cubes of 150mmx150mmx150mm size at a time  |
|        |  | 19. Load Frame Flexural strength setup  | Beam mould of 100x100x500mm size and 150x150x700mm size  |
|        |  | 21. Lechatelier Apparatus   | Including water bath   |
|        |  | 23. Aggregate Durability Test setup   | Deleted  |
|        |  | 25. Flask & fine point for Bitumen setup  | To be read as Flash & Fire point for Bitumen setup   |
|        |  | 26. Marshal Stability test setup  | Including water bath   |

Further the last date for purchase and submission of tender documents is 01.06.2019 at 03.00 PM.

**Sd/-XXXXX  
DIRECTOR  
ACADEMIC & PLANNING**