



7. The number of items can be increased or decreased with the approval of the Competent Authority.
8. For electrical / IT / laboratory equipment the warranty period of at least 01 (one) year is mandatory to be mentioned in the quotations.
9. No tender or bid shall be entertained without deposition of the CDR @ 2%.
10. No tender or bid shall be entertained without deposition of Tender fee @ Rs.1000/- (Rupees One Thousand only) which shall be deposited in account No. 4581-2 National Bank of Pakistan (NBP) Main Branch Saidu Sharif Swat.
11. The firms must write on the corner of envelop the name of the items/equipment applied for.
12. Provision of sample is obligatory for the firms in due course of time, if mentioned in supply order, and if the firm fails to provide the sample, then the firm will be excluded from the tender.
14. No tender/bid shall be accepted without tender application form duly signed by the firm.
15. The Competent Authority reserves the right to accept or reject any or all of tenders processed by assigning any reason(s) (as per PPRA Rules).
16. No overwriting / cutting / corrections or interpolation will be allowed in the BOQ's/Quotations/bids, if any.
17. Any bids received after the prescribed date & time for submission of bids shall be returned unopened.
18. The bid prices must be valid for at least 120 days from the date of Tender opening.
19. Conditional / incomplete tenders will not be accepted.
20. Refurbished, Grey, used, open box or smuggled products will not be accepted in any case.

➤ **Undertaking**

**It is certified that the above terms & conditions have been read, learned and accepted.**

\_\_\_\_\_  
Signature of CEO/Bidder  
Dated: \_\_\_/\_\_\_/\_\_\_\_\_

## Specifications of Lab Equipment's for the HEC funded Project No. 7303 ( Dr.Haider Ali Project )

### TECHNICAL SPECIFICATIONS OF THE EQUIPMENT FOR TENDER UNDER HEC NRPU RESEARCH PROJECT-7303 P.I. Dr. Haider Ali

#### 1. HORIZONTAL LAMINAR AIRFLOW CABINET

##### **TECHNICAL PECIFICATIONS:**

- ❖ **External Size (W\*D\*H):** 1300x820x2040 mm or above
- ❖ **Internal Size (W\*D\*H):** 1200x550x570 mm or above
- ❖ **Work Surface Height:** 750 mm or above
- ❖ **Display:** LCD Display
- ❖ **Airflow Velocity:** 0.3-0.5 m/s
- ❖ **Material Main Body:** Cold-rolled steel with anti bacteria powder coating
- ❖ **Material Work Table:** 304 stainless steel
- ❖ **Material Front Window:** 5 mm toughened glass, anti ultraviolet radiation
- ❖ **Pre-filter:** Polyester fiber, washable
- ❖ **HEPA Filter:** 99.999% efficiency at 0.3 µm
- ❖ **Front Window:** Motorized
- ❖ **Max Opening:** 430 mm
- ❖ **LED Lamp:** 12W\*1
- ❖ **UV Lamp:** 30W\*1, Emission of 253.7 nanometers
- ❖ **Consumption:** 400 W
- ❖ **Caster:** Universal wheel with leveling feet
- ❖ **Waterproof Socket:** Two, total load ≤500 W
- ❖ **Power Supply:** 220V
- ❖ **Standard Accessory:** LED Lamp, UV Lamp\*2, Base Stand, Gas Tap & Socket\*2.

#### 2. GPS (Global Positioning System)

##### **TECHNICAL PECIFICATIONS:**

With high-sensitivity GPS and GLONASS 24 satellite tracking, worldwide basemap with shaded relief and customizable buttons for 1-touch image capture and waypoint marking.

- ❖ 3" or above sunlight-readable touchscreen display with dual orientation:
- ❖ 8 MP or above autofocus camera with LED flash/torch
- ❖ Worldwide basemap with shaded relief
- ❖ 3-axis compass with accelerometer and barometric altimeter sensors
- ❖ Dual battery system — 2 AA batteries or included rechargeable internal NiMH pack
- ❖ USB/charging cable
- ❖ AC adapter
- ❖ Carabiner clip

  
02-11-2020