

कार्यालय— प्रधानाचार्य, राज.स्वा.वि.वि. आयुर्विज्ञान महाविद्यालय, जयपुर

Office of the Principal, RUHS College of Medical Sciences, Jaipur

(Constituent College of Rajasthan University of Health Sciences)

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No. RUHS-CMS/Store/2018-19/ 18119

Date 02/11/2018

वित्तीय निविदा (BoQ) में संशोधन

राजस्थान स्वास्थ्य विज्ञान विश्वविद्यालय आयुर्विज्ञान महाविद्यालय में स्वाईन फ्लू एवं वी.आर.डी. एल. लैब की स्थापना हेतु आवश्यक उपकरण Biological Safety Cabinet Class II type A2 क्रय किये जाने हेतु जारी ई-निविदा सूचना संख्या 14989 दिनांक 03.10.2018 में राजस्थान लोक उपापन में पारदर्शिता नियम 2013 के नियम 46 के अनुसार आयोजित प्री-बिड बैठक में प्राप्त प्रतिवेदनों पर विभागीय तकनीकी समिति द्वारा की गयी अभिशंषा का अनुमोदन महाविद्यालय क्रय समिति द्वारा किये जाने के पश्चात् उपकरण के संशोधित किये गये स्पेसीफिकेशन के अनुसार वित्तीय निविदा प्रपत्र (BoQ) को निम्नानुसार संशोधित किया जाता है।

S.No.	Item Description	Unit price (Excluding Taxes as per Rules) Rates quoted must be inclusive of three year comprehensive Warranty including spare parts.	GST Amount in Rs.	Total Amount with Taxes in Rs.	Total Amount in Words
1.	Supply and Installation of Biological Safety Cabinet Class II 30% Exhaust Flow and 70% Recirculation (NSF Certified) for Swine Flu and VRDL Lab at RUHS College of Medical Sciences, Jaipur				
2.	Supply and Installation of Biological Safety Cabinet Class II 100% Exhaust Flow (NSF / EN12469 Certified) for Swine Flu and VRDL Lab at RUHS College of Medical Sciences, Jaipur				

निविदा में भाग लेने वाले निविदाताओं को निर्देशित किया जाता है कि वे उपरोक्त परिवर्तन के अनुसार ही वित्तीय निविदा प्रस्तुत करें।

(प्रधानाचार्य)

राज.स्वा.वि.वि. आयुर्विज्ञान महाविद्यालय, जयपुर।

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Corrigendum in E-Bid

The bid submission end date and Technical bid opening date are hereby extended in NIT No. RUHS CMS/Store/2018-19/14989 Dated 03-10-2018 Corrigendum No. 17405 Dated 27-10-2018 and 17896 Dated 31-10-2018 for Supply and installation of Following equipments for Swine Flu & VRDL Lab at RUHS College of Medical Sciences, Jaipur

S. No.	Name of Equipments / Item	Qty	Total Approx. Cost in Rs.	UBN No.
1.	Biological safety Cabinet class II type A2	03	16,20,000.00	CMS1819GLOB00152

S. No.	Description	Previous Date	Extended up to
1.	Bid submission End Date/ Time	27-11-2018 at 2.00 pm	05-12-2018 at 2.00 pm
2.	Technical Bid Opening Date/Time	28-11-2018 at 11.00 am	06-12-2018 at 11.00 am

For any further information and change in schedule please visit the website www.ruhscms.org, or <http://eproc.rajasthan.gov.in> or www.sppp.raj.nic.in


(Principal)

RUHS College of Medical Sciences, Jaipur

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No. RUHS-CMS/Store/2018-19/ 18/18

Date ...02/11/2018

तकनीकी निविदा में संशोधन

राजस्थान स्वास्थ्य विज्ञान विश्वविद्यालय आयुर्विज्ञान महाविद्यालय में स्वाईन फ्लू एवं वी.आर.डी. एल. लैब्र की स्थापना हेतु आवश्यक उपकरण Biological Safety Cabinet Class II type A2 क्रय किये जाने हेतु जारी ई-निविदा सूचना संख्या 14989 दिनांक 03.10.2018 में राजस्थान लोक उपापन में पारदर्शिता नियम 2013 के नियम 46 के अनुसार आयोजित प्री-बिड बैठक में प्राप्त प्रतिवेदनों पर विभागीय तकनीकी समिति द्वारा की गयी अभिशंषा का अनुमोदन महाविद्यालय क्रय समिति द्वारा किये जाने के पश्चात् निविदा में वर्णित उपकरण के स्पेसीफिकेशन को निम्नानुसार संशोधित किया जाता है -

BIOLOGICAL SAFETY CABINET BASED ON CLASS II TYPE A-2 70% EXHAUST -VERTICAL FLOW AS PER INTERNATIONAL STANDARDS

Specifications:

Work Area (mm) : 4 ft X 2 ft

Air Flow : Vertical down flow (30 % Exhaust and 70% recirculation in type II (NSF certified) cabinet – total quantity required 02, and 100 % exhaust flow in type II (NSF/ EN 12469 certified) cabinet – total quantity required - 01)

Cleanliness Level : Less than 3.5 particles/ litre of 0.5 um and larger) {ISO 14644-1}

Noise Level : Less than 65 db

Vibration Level : Less than 2.5um

Average Air Flow : 90 ± 20 fpm (down flow)

CONSTRUCTION :

Main Body : STAINLESS STEEL [(304 grade) – Heavy Gauge-16G].

Table Top & Working Zone : STAINLESS STEEL [(304 grade) – Heavy Gauge-14G & 16G]

Table Top in two parts :

(a) Front Perforated portion – 4” size

(b) Non-Perforated Working Zone: Table sunken type (trough type) for Spillage Management. It can be lifted easily for cleaning below the table.

INCLUSIVE OF STANDARD ACCESSORIES:

- HEPA filters – MINIPLEAT or H14 grade HEPA or ULPA filters with 99.99% efficiency for 0.3 micron with integral metal guards & filter frame gaskets & manufactured in class 1000 super clean Air-Conditioned environment – for longer life.(at supply and exhaust)
- Air Pressurization system - Statically and dynamically balanced fitted with special vibration reducing system to suit low noise and vibrations, the inflow and down flow is controlled by dual AC motors thus maintaining the airflow velocities, the negative pressurized plenum ensures that nothing comes out of the BSC.
- Front Door- Polycarbonate/Toughened Glass(6 mm)- Adjustable as per requirement – vertical
- sliding (one piece with counter weight arrangement -finger tip control)
- Side Walls in Stainless Steel (304 grade)-Heavy Duty – 14 Gauge:
- Fluorescent Light - low energy choke less to withstand larger fluctuations in voltage – Placed outside working zone to avoid turbulence.(Intensity- More than 200Lux)

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- Support Stand -with leveling Screws adjustable from 55-85mm.
- U.V. lamp -In working zone(40 micro watts/ square cm at 254 nm or better). So placed that you can not see directly i.e. eyes are always protected.
- Universal Service Fittings for Gas & Air.
- **Rehabitable Pre Filters with efficiency of more than 80% - optional**
- Switches & Electrical socket outlets(15/5 amp- Industrial type for longer life)
- Pressure Monitors: Magnehelic Gauge – to indicate pressure drop across HEPA filter
- DOP Port.
- Current Leakage Circuit Breaker
- Air Tight Duct Exhaust Extension
- Exhaust ducting.
- NSF Certified.

Special features

- Contaminated plenum in negative pressure to prevent leakage into the environment. Exhaust blower placed outside at roof top level.
- Exhaust Blower – Suitable for 30% Exhaust interconnected with supply air blower, the system will only start when the negative pressure is developed, with virus burn out unit
- Special precautions are taken so that if by chance the exhaust blower is not working, you will get buzzer.
- Audible alarm warns the operator if the window is raised above the recommended height of 203mm (8").
- Air Short Circuiting or the By Pass arrangement: By chance there is ingress of fresh air from near the top of front shutter, this ingress will not percolate into the working zone: but will be short circuited to return duct at the back. Safety Suction points near the upper portion of the front shutter transfer short circuit dirty air into exhaust /return duct
- Adjustable Zero-leak proof damper at supply air intake & exhaust ducting.
- Special provision for system which gives alarm to stop supply air in case the negative pressure goes beyond certain limits to stop contamination egress to laboratory.
- Spillage trough below the working table is of 16G Heavy Duty Stainless Steel. This trough has drain cock..
- **Back holes on vertical walls: To provide more work area on table top - optional**

POWER REQUIREMENT : 1 KW Single/Three Phase

Firm to validate the cabinet at time of installation and 2 times every year to change HEPA as and when required during guarantee period validation to include Following requirements (at site):-

1. Down flow velocity and Volume Test.
2. Inflow Velocity Test.
3. Airflow Smoke Pattern Test.
4. HEPA Filter Leakage Test.
5. Cabinet Leakage Test.
6. Electrical Leakage: Ground Circuit Resistance and. Polarity Test.
7. Lighting Intensity Test.
8. Vibration Test.
9. Noise Level Test.
10. UV Lamp Intensity Test.
11. Alarms and indicators test (if provided).
12. The differential pressure gauge should be calibrated.

To be provided with suitable UPS with half hour battery backup.

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Exhaust with extra blower / pump unit for the better efficiency of blower unit along with virus burn unit, as required with ducting from 3rd floor to 5th floor on the terrace with similar color of the building for the ducting should be done.

उपरोक्तानुसार संशोधित स्पेसीफिकेशन के अतिरिक्त निविदा प्रपत्र में वर्णित अन्य शर्तें पूर्वानुसार यथावत् मान्य होंगे। निविदा में भाग लेने वाले निविदाताओं को निर्देशित किया जाता है कि वे उपरोक्त परिवर्तन के अनुसार ही निविदा प्रस्तुत करें।


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