

CENTRAL PURCHASE OFFICE



BIHAR ANIMAL SCIENCES UNIVERSITY

Bihar Veterinary College Campus, Patna - 800 014, Bihar

e-mail: pobasupatna@gmail.com

No.: 539./CPO/BASU, Patna

Dated: 17/10/2022

Kindly refer the proceedings of the **Pre-bid meeting** held on 14/10/2022 under the Chairmanship of DRI-cum-Dean PGS for purchase of various equipment/instruments for CoF, Kishanganj under PMMSY project vide NIT No. 06/CPO/BASU/2022-23 Dated 26/09/2022. The item wise specifications finalized by the committee are mentioned here for your reference. There is no any change in bid submission period and last date of tender submission shall be **02/11/2022 upto 16.00 hrs.**

Signature
17/10/2022

Central Purchase Officer

Bihar Animal Sciences University, Patna

Encl.: Proceedings copy



BIHAR ANIMAL SCIENCES UNIVERSITY

BIHAR VETERINARY COLLEGE CAMPUS, PATNA – 14

Proceedings of Pre-bid meeting held on 14.10.2022 under the Chairmanship of DRI-cum-Dean, PGS for various lab equipment/instrument for CoF, Kishanganj under PMMSY Project.

The following members were present in the meeting:

- | | | | |
|----|---|---|----------------------------------|
| 1. | DRI-cum- Dean PGS | : | Chairman |
| 2. | Dean, CoF, Kishanganj | : | Member |
| 3. | Assistant Comptroller –I, BASU | : | Finance comptroller nominee |
| 4. | Mr. Bhartendu Vimal,
Asstt. Prof., CoF, Kishanganj | : | Member – Joined Online |
| 5. | Dr. Mamta Singh,
Asstt. Prof., CoF, Kishanganj | : | Member Secretary – Joined Online |

The following 10 (ten) representatives of different firms were present.

1. Scientific Syndicate
2. Genetix Biotech Asia Pvt Ltd
3. Biorad Laboratories India Pvt Ltd, Patna
4. Rose Redicare Pvt Ltd, Patna
5. Agrivijion Green Energy Pvt Ltd
6. Beekman Coulter India Pvt
7. Bio Apps
8. Labchem Labotronic Instrument
9. Angel Scientific Store
10. Himedia Laboratories Pvt Ltd

The Chairman of the committee welcomed all the members and briefed about the importance of pre-bid discussion. The Chairman has invited suggestion on the tender no. 06/CPO/BASU/2022-23 especially regarding specifications and term and conditions. The following item wise suggestions were given by the participating firm representative.

Name of the equipment	Specifications (BASU) given in NIT	Suggested changes by the participating firm	Specifications finalized by the committee
Item No. 13 - Trinocular Microscope with imaging system (Changed suggested by Rose Redicare Pvt Ltd)	Point No. 4: • LED illumination 3W white light, 5600K, lifetime 35000 hrs. • Halogen illumination with 6V 30W halogen lamp	High power LED light source with lifetime of 35000 hrs.	<ul style="list-style-type: none"> • LED illumination 3W white light, 5600K, lifetime 35000 hrs. • Halogen illumination with 6V 30W halogen lamp
	Point No. 7 • iplan-Achromat 4x/0.1WD: 30.7 mm • iplan-Archromat 10x/0.25 WD 17.4 mm	<ul style="list-style-type: none"> • iplan-Achromat 4x/0.1WD: 18.5-30.7 mm • iplan-Archromat 10x/0.25 WD 10-17.4 mm 	<ul style="list-style-type: none"> • iplan-Achromat 4x/0.1WD: 18.5-30.7 mm • iplan-Archromat 10x/0.25 WD 10-17.4 mm
	Point No. 13: • ECO mode, automatically go into a sleep mode after 30 min inactivity	Please delete this point as it is specific and no advantage in imaging application.	ECO mode, automatically go into a sleep mode
Item No. 1 - Microscope with imaging system	Point No. 1”	High power LED light source with lifetime of 35000 hrs.	<ul style="list-style-type: none"> • LED illumination 3W white light, 5600K, lifetime 35000 hrs.

(Changed suggested by Rose Redicare Pvt Ltd)	<ul style="list-style-type: none"> LED illumination 3W white light, 5600K, lifetime 35000 hrs. Halogen illumination with 6V 30W halogen lamp 		<ul style="list-style-type: none"> Halogen illumination with 6V 30W halogen lamp
	Point No. 7: <ul style="list-style-type: none"> iplan-Achromat 4x/0.1WD: 30.7 mm iplan-Archromat 10x/0.25 WD 17.4 mm 	<ul style="list-style-type: none"> iplan-Achromat 4x/0.1WD: 18.5-30.7 mm iplan-Archromat 10x/0.25 WD 10-17.4 mm 	<ul style="list-style-type: none"> iplan-Achromat 4x/0.1WD: 18.5-30.7 mm iplan-Archromat 10x/0.25 WD 10-17.4 mm
	Point No. 11 <ul style="list-style-type: none"> ECO mode, automatically go into a sleep mode after 30 min inactivity 	Please delete this point as it is specific and no advantage in imaging application.	ECO mode, automatically go into a sleep mode
Item No. 14 – Inverted Microscope (Changed suggested by Rose Redicare Pvt Ltd)	Point No. 1” <ul style="list-style-type: none"> Modular Illumination (HAL and LED) White LED. Should also have provision to interchange LED with HAL illumination. Halogen illumination should also be included. 	High power LED light source with lifetime of 35000 hrs.	Modular Illumination (HAL and LED) White LED. Should also have provision to interchange LED with HAL illumination. Halogen illumination should also be included.
Item No. 4 Real Time PCR (Changed suggested by Genetix Biotech Asia Pvt Ltd)	Point No. 4 -The quoted system should support the temperature range from 40-100c with block ramp more than 6 degree/sec and run time less than 40 min.	The quoted system should support the temperature range from 40-100c with block ramp more than 5 degree/sec	The quoted system should support the temperature range from 40-100c with block ramp more than 5 degree/sec
Item No. 6, Gel Documentation System (Changed suggested by Genetix Biotech Asia Pvt Ltd)	Point No. 11- Viewing surface dimensions should be minimum 10 cm x 15 cm	Viewing surface dimensions should be with maximum image area of 21x14 cm (WxH)	Viewing surface dimensions should be 10 cm x 15 cm or above
Item No. 3, Refrigerated Centrifuge (Changed suggested by Angel Scientific Store, Pana)	Point No. 3- RCF: 30,000xg Point No. 12- Centrifuge must have a swing out rotor capable of spinning sample above 16,00 xg Point No. 14- Rotor to be supplied: <ul style="list-style-type: none"> Fixed angle rotor 6x50ml in bio containment certified angle rotor, with speed not less than 9,500 rpm, 12,00 xg and Adapter for 15 ml tube 	RCF: - 2300xg or above Brand specific <ul style="list-style-type: none"> Fixed angle rooter 24 placed rooter with speed not less than 15,000 rpm/21300 xg. 	Point No. 3- RCF: 30,000xg Point No. 12- Centrifuge must have a swing out rotor capable of spinning sample above 16,00 xg Point No. 14- Rotor to be supplied: <ul style="list-style-type: none"> Fixed angle rotor 6x50ml in bio containment certified angle rotor, with speed not less than 9,500 rpm, 12,00 xg and Adapter for 15 ml tube

<p>Item No. 6, Gel Documentation System</p> <p>(Changed suggested by Angel Scientific Store, Pana)</p>	<p>Point No. 14- High Resolution 12 bit CCD Camera:1:0 to 1.5 megapixels with dynamic 56DB</p>	<p>High Resolution 12 bit CCD/CMOS Camera:1:0 to 1.5 megapixels with dynamic 56DB</p>	<p>High Resolution 12 bit CCD or CMOS Camera:1:0 to 1.5 megapixels with dynamic 56DB</p>
<p>Item No. 8, Clean Bench Systems for Biosafety cabinets</p> <p>(Changed suggested by Angel Scientific Store, Pana)</p>	<p>Point No. 4- Company is under make in India & MSME Certified with International standard, Certified model with duly mentioned brand name Internal IQ/qq/PQ Certification.</p>	<p>Please delete made in India & MSME Certifies term.</p>	<p>Certified with International standard, Certified model with duly mentioned brand name Internal IQ/qq/PQ Certification.</p>
	<p>Point No. 18: Statically balanced motor blower Assembly (Heavy Duty), 1440 rpm, ¼ hp. Noise of the blower is less than 55 Dba & Very low vibration.</p>	<p>Please mention energy efficient DC electrically uncontrolled blower motor.</p>	<p>Statically balanced motor blower Assembly (Heavy Duty), 1440 rpm, ¼ hp. Noise of the blower is less than 55 Dba & Very low vibration.</p>
	<p>Point No. 21: Front angular 10 degree slope helps reduce fatigue of user.</p>	<p>Front angular 8 degree or above slope helps reduce fatigue of user.</p>	<p>Front angular 8 degree or above slope helps reduce fatigue of user.</p>
	<p>Point No. 22: Pressure manometer to track filter pressure & air/gas cock inside the working area.</p>	<p>Pressure manometer/digital display to track filter pressure & air/gas cock inside working area.</p>	<p>Pressure manometer/digital display to track filter pressure & air/gas cock inside working area.</p>
	<p>Point No. 25: Electricals fittings & Fixtures: -</p> <ul style="list-style-type: none"> • Microprocessor based PID Controller – UV ON/OFF, UV-Timer, Blower 3 speed control- High, Low, Medium and Display of UV Age. 	<ul style="list-style-type: none"> • Microprocessor base PID Controller – IV ON/OFF, UV Timer, Blower – adjusted as per internal requirement microprocessor controller 	<p>Microprocessor base PID Controller – IV ON/OFF, UV Timer, Blower – adjusted as per internal requirement microprocessor controller</p>
<p>Item No. 15, Biosafety Cabinet Level –II</p> <p>(Changed suggested by Angel Scientific Store, Pana)</p>	<p>Point No. 7- The front window must be a 10” sash opening and be made of laminated safety glass to ensure containment of potentially hazardous samples in the case of accidental glass breakage.</p>	<p>The front window must be a 8” or above sliding sash opening and be made of laminated safety glass to ensure containment of potentially hazardous samples in the case of accidental glass breakage.</p>	<p>The front window must be a 8” or above sash opening and be made of laminated safety glass to ensure containment of potentially hazardous samples in the case of accidental glass breakage.</p>
	<p>Point No. 12 – The cabinet must automatically reduce fan/blower motor speed to 30% when the front window sash is in closed position to ensure reduced energy consumption when the cabinet is not in use.</p>	<p>The cabinet must automatically reduce fan/blower motor speed to 40% when the front window is almost/ fully closed position.</p>	<p>The cabinet must automatically reduce fan/blower motor speed to 30% and above when the front window sash is in closed position to ensure reduced energy consumption when the cabinet is not in use.</p>

	Point No. 15: The Bio safety cabinet should be NSF certified with listing on NSF website.	Please delete point no. 15 for NSF Certification or give option for E/ ISO 14644a/ JIS/ UL Certification also.	The Bio safety cabinet should be NSF or ISO 14644a/ JIS/ UL certified with listing on NSF website.
	Point No. 19: Ventilation system Exhaust and Inflow air volume approx. 300-350 CFM	Ventilation system Exhaust and Inflow air volume approx. 280-350 CFM	Ventilation system Exhaust and Inflow air volume approx. 280-350 CFM
	Point No. 20: Heat Emissions at 25°C should be approx.0.2 KW or lesser	Heat Emissions/Nominer power consumption approx. 180W	Heat Emissions at 25°C should be approx.0.2 KW or lesser
	Point No. 21: The BSC must incorporate an LED Indicator to indicate filter loading and should provide visual and audible alarm to indicate excessive HEPA filters loading which can result in unsafe air flows deviation from the NSF recommended inflow and down flows air velocity values measured in meters per second or foot per minute.	Please delete NSF recommended inflow part.	The BSC must incorporate an LED Indicator to indicate filter loading and should provide visual and audible alarm to indicate excessive HEPA filters loading which can result in unsafe air flows
Item No. 16, Elisa Reader (Changed suggested by Angel Scientific Store, Pana)	Point No. 1: Read-out Range:96 Well Plate; 384 Well Plate Point No. 6: Wavelength Range: 340-850 nm	384 well plates should be removed Wavelength Range: 340 to 700.	Point No. 1: Read-out 96 Well Plate Point No. 6: Wavelength Range: 340-850 nm
Item No. 17, Ultra Centrifuge (Changed suggested by Beckman Coulter Life Sciences)		Five user in Eastern Region	Preference will be given

-Sd-
(Mamta Singh)
Member – Online

-Sd-
(Bhartendu Vimal)
Member – Online

-Sd-
Finance Comptroller Nominee
Member

-Sd-
Dean, CoF
Member

-Sd-
DRI-cum-Dean, PGS
Chairman