

(राष्ट्रीय पशु जैव प्रोद्योगिकी संस्थान)
National Institute of Animal Biotechnology

Corrigendum -- Change of Opening Date & Specifications

Please refer NIAB Tender Details as follows.

Tender ID : 2020_DBTEC_581140_1

Tender Reference Number : NIAB/SP/2020-21/25

Tender Title : Immunohistochemistry Equipment' s / lab Setup

The following changes may please be noted before submission of bids with respect to the tender details mentioned above.

In place of old dates mentioned in Tender , please consider following dates.

Document Download End Date :- in place of Existing old date --- Read As :- 07/10/2020

Bid Submission End date : in place of Existing old date --- Read As :- 07/10/2020

Bid Opening Date in place of Existing old date --- Read As :- 08/10/2020

Revised /New changes in specifications

Specification in place of Existing old specifications --- **Read As** : - Annexure -1 (as attached below) The specification mentioned below should be treated as revised specification and bid must be submitted accordingly with revised quantity .

Rest of the tender conditions remains same.

Manager (S&P)
NIAB-Hyderabad
Date:- 18/09/2020

Annexure -1

Immunohistochemistry Equipment's / Lab Setup			
Old Specifications			Revised Specifications
A	Fully Motorized Microtome	Qty	1 No
		1	Should be a fully motorized rotary microtome.
2	Should be provided with a removable section waste tray, which is easy and fast to clean.	Should be provided with a removable section waste tray, which is easy and fast to clean.	
3	Feed section thickness range should range from 0.5 to 100µm or better	Feed section thickness range should range from 0.5 to 100µm or better	
4	Trimming thickness range should range from 5 to 500µm or better	Trimming thickness range should range from 5 to 500µm or better	
5	Specimen retraction should be 5- 100µm in 5 um increments and should have the option to be turned off or deactivated.	Specimen retraction should be 0- 100µm in 1-5 um increments or better and it should have the option to be turned off or deactivated.	
6	Horizontal feed range < 24mm.	Horizontal feed range < 24mm or better	
7	Vertical specimen stroke < 70mm	Vertical specimen stroke < 70mm	
8	Should have slow forward and backward coarse feed speed at 300 µm/s, fast forward speed at 800 µm/s.	Should have slow forward and backward coarse feed speed at 75µm/s to 800 µm/s or more	
9	It should have a motorised specimen advance	It should have a motorised specimen advance	
10	The control panel should be removable and placement can be on either side of the microtome	Instrument must have integrated control panel & display for easy operation of microtome	
11	Microtome should be equipped with a touch pad keyboard to select section thickness, mode, speed and memory function	Microtome should be equipped with a touch pad keyboard to select section thickness, mode, speed and memory function	
12	Accidental start should be prevented by double click operation	Accidental start should be prevented by double click operation	
13	It should have 3 or more motorised modes of operation (single section, interval, continuous and multi sections) and Rocking mode to speed	It should have 3 or more motorised modes of operation (single section, interval, continuous and multi sections) and Rocking mode to speed	
14	Speed for course feed should be within the range of 300-800µm/s or more	Speed for course feed should be within the range of 75-800µm/s or more	

15	X/Y fine orientation with reproducible zero	X/Y fine orientation with reproducible zero	
16	It should preferably have a single blade holder for high and low profile disposable blades	It should preferably have a single blade holder for high and low profile disposable blades	
17	It should have automatic break following motorised action and an easily accessible	It should have automatic break following motorised action and an easily accessible	
18	Should have minimum 10 number of installations in reputed Govt. of India organizations like central universities, IITs,	Should have minimum 10 number of installations in reputed Govt. of India organizations like central universities, IITs,	
19	The instrument should be CE / EC or US –FDA registration or CSA Certificate	The instrument should be CE / EC or US –FDA registration or CSA Certificate	
20	Electrical Specifications- 230 ±10V; 50 Hz	Electrical Specifications- 230 ±10V; 50 Hz	
21	comprehensive warranty for 5 years	comprehensive warranty for 5 years	
B	Tissue Embedder Station	Qty	1 No
1	It should be a modular unit with heated paraffin station and separate cold storage unit	It should be a modular unit with heated paraffin station and separate cold storage unit	
2	The paraffin tank should have a capacity of 4L	The paraffin tank should have a capacity of 4L or	
3	The cold plate should be large with a capacity of 70-80 blocks	The cold plate should be large with a capacity of 70-80 blocks	
4	The cold plate temperature should be adjustable with a minimum of -12 to -5°C or better	The cold plate temperature should be adjustable with a minimum of -12 to -5°C or better	
5	The cold spot should be 5 or 6°C	The cold spot should be 5 or 6°C	
6	The wax reservoir temperature should be within the range of 50-80°C	The wax reservoir temperature should be within the range of 50-80°C	
7	Tissue and base mould storage temperature should be within the range of 50-80°C	Tissue and base mould storage temperature should be within the range of 50-80°C	
8	The embedder should have LED lighting for illumination	The embedder should have LED lighting for illumination	
9	It should have touch screen controls for setting of temperature and other parameters	It should have touch screen controls for setting of temperature and other parameters	
10	It should preferably have an inbuilt heated paratrimmer for trimming excess wax from	It should preferably have an inbuilt heated paratrimmer for trimming excess wax from	
11	The paraffin dispenser paddle should be adjustable for easy wax dispensing	The paraffin dispenser paddle should be adjustable for easy wax dispensing	
12	It should have a provision for heated forceps of different tips, magnifier and foot switch	It should have a provision for heated forceps of different tips, magnifier and foot switch	

13	The embedder should preferably have a power saving option for energy conservation when not in use	The embedder should preferably have a power saving option for energy conservation when not in use
14	Should have minimum 10 number of installations in reputed Govt. of India organizations like central universities, IITs, IISER, CSIR, DRDO, ICAR institutions etc. Complete user list of the quoted model with contact details should be enclosed with quotation	Should have minimum 10 number of installations in reputed Govt. of India organizations like central universities, IITs, IISER, CSIR, DRDO, ICAR institutions etc. Complete user list of the quoted model with contact details should be enclosed with quotation
15	Power Requirements- 230 ±10V; 50 Hz	Power Requirements- 230 ±10V; 50 Hz
16	The instrument should be CE / EC or US –FDA registration or CSA Certificate	The instrument should be CE / EC or US –FDA registration or CSA Certificate
17	comprehensive warranty for 5 years	comprehensive warranty for 5 years
C	Automated Tissue Processor	Qty 1 No
1	Fully Automated bench top Tissue Processor with freely selectable programs	Fully Automated bench top Tissue Processor with freely selectable programs
2	Should have a Glass Reagent containers 1.0 litres or less with seals to minimize evaporation and exposure the hazardous fumes	Should have a Glass or polypropylene Reagent containers 1.0 litres or less with seals to minimize evaporation and exposure the hazardous fumes.
3	Baths of capacity Should be 0.5 to 1.0 L	Baths of capacity Should be 0.5 to 1.0 L
4	Temperature range for processing reagents: Ambient to 60 °C	Temperature range for processing reagents: Ambient to 60 °C
5	Should have S.S. Tissue Capsule basket with even performances	Should have S.S. Tissue Capsule basket with even performances
6	Should have Stainless Still Tissue Capsule 28 x 28 x 9mm or smaller with sliding cover.	Should have Stainless Still Tissue Capsule 28 x 28 x 9mm or smaller with sliding cover.
7	Stainless Still Tissue Capsule with 20 x 20 x 10mm or smaller with sliding cover	Stainless Still Tissue Capsule with 20 x 20 x 10mm or smaller with sliding cover
8	Should have Circular S.S. Tissue Capsule, approx. 36mm dia with auto press lid	Should have Circular S.S. Tissue Capsule, approx. 36mm dia with auto press lid
9	Should have a Divider for Tissue Capsule S Shape and Divider for Tissue Capsule V Shape	Should have a Divider for Tissue Capsule S Shape and Divider for Tissue Capsule V Shape
10	Tissue Processing Capacity of 30 to 50 Cassettes	Tissue Processing Capacity of 30 to 50 Cassettes
11	Power: 220 ±10 V, 50Hz	Power: 220 ±10 V, 50Hz

12	Comprehensive warranty for 5 years			Comprehensive warranty for 5 years
D	Tissue Floatation Water Bath	Qty	1	No
1	Microprocessor based system with feather touch keypad and LED display that displays set temperatures			Microprocessor based system with feather touch keypad and LED display that displays set temperatures
2	Precise Temperature Control with range from ambient to +75 deg C			Precise Temperature Control with range from ambient to +75 deg C
3	Built-in memory for storing set temperatures			Built-in memory for storing set temperatures
4	Display for set temperature in addition to actual temperature			Display for set temperature in addition to actual temperature
5	Ergonomic design for easy cleaning			Ergonomic design for easy cleaning
6	Water bath dimensions: 225 x 175 mm to 310 x 350 mm not more			Water bath dimensions: 225 x 175 mm to 310 x 350 mm not more
7	Capacity- 2 to 5 Lit			Capacity- 2 to 5 Lit
8	Power: 220 ±10 V, 50Hz			Power: 220 ±10 V, 50Hz
9	1 Years Comprehensive warranty			1 Years Comprehensive warranty
E	Slide warming bench/Table	Qty	1	No
1	Microprocessor based control system			Microprocessor based control system
2	Feather touch keypad with LED display for current			Feather touch keypad with LED display for current
3	Uniform temperature throughout the warmer			Uniform temperature throughout the warmer
4	Precise Temperature Control range from ambient to 90 deg C			Precise Temperature Control range from ambient to 90 deg C
5	Minimum Slide warmer dimensions: 320 x 250 mm			Minimum Slide warmer dimensions: 320 x 250 mm
6	Power: 220 ± 10 V, 50Hz			Power: 220 ± 10 V, 50Hz
7	1 Years Comprehensive warranty			1 Years Comprehensive warranty
F	Chemicals and Reagents: - Isopropyl alcohol-72 Ltrs, Xylene -25 Ltrs, Wax - 60 kgs, formalin - 25 Ltrs			Isopropyl alcohol-35 Ltrs, Xylene -12 Ltrs, Wax - 30 kgs, formalin - 12 Ltrs

Important Note: All Instruments should include in the same quotation, individual quote will not be accepted.