(Haffkine)

HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED Procurement Cell

(A Government of Maharashtra Undertaking)

Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)

Phone No: 022- 24129320-23 Managing Director :022-24150628 General Manager (Procurement Cell) :022- 24100478	Website : http://www.vaccinehaffkine.com E-mail: procurementcell@vaccinehaffkine.com		
प्रशासकीय मान्यता निधी ५८,५२,९१३/- राज्य योजना २०१९-२०	No.: 5583 /Haffkine/Procurement Cell/E-2992/Fully Automated Tissue Processor Vertical/2021-22. Date: 0 1212021		

To,

M/s. Labtek Instruments. 3B-26, Highland Corporate Center, Kapurbawadi Junction, Thane (W), Maharashtra – 400 607. E-Mail: <u>sunil@labtekinstruments.com</u>

Subject : Supply Order for Tender No. E-2992/Fully Automated Tissue Processor Vertical. Reference: 1. Tender No. E-2992/HBPCL/PC/Fully Automated Tissue Processor Vertical/2020-21. 2. शा. नि. क्र. : एखप्र-२०२०/प्र.क्र. ४१/प्रशा-१ दि. ३० जानेवारी, २०२०.

3. Sanction of Tender Approval Committee Meeting Dated 22.10.2021.

With reference to the tender cited under reference no 1, you are requested to supply the following goods as per details mentioned below to consignee list enclosed with this order.

Sr. No.	Name of the item	Specification of item	Quantity/ Unit (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1.	Fully Automated Tissue Processor Vertical Make : Leica Model : ASP 6025	As per Annexure X	01	58,52,913/-	58,52,913/-
Total	amount in words: Rupees Fit	fty Eight Lakhs Fift	ty Two Thousand	d Nine Hundred Th	irteen Only.

17-37, D 35578 Wetzlar, Germany contact.india@leica-microsystems.com

- 1 Forwarding: Forwarding Free on Road Destination. I.e. door delivery basis.
- 2 Delivery Period: 12 weeks from the date of receipt of order by the supplier to the consignee attached.
- 3 Pre-Dispatch Inspection: Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier. Machine should be dispatched only after satisfactory Pre-Dispatch Inspection.

- 4 Risk purchase clause: If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender price. The extra expenditure in such cases shall be recovered by Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai from the Supplier.
- 5 **Payment Terms:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful installation and satisfactory commissioning and operation of the machinery.
- 6 Acceptance & Receipt: It should be submitted in Appropriate Format to the purchasing authority.
- 7 **Delivery Challan** Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 8 **Invoice Copy** Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai. Along with Bill of Entry and Country of Origin Certificate of the consignment.

9 Other Terms :

1) Warranty: The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 8 years. The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.

2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the order value (excluding taxes) of the equipment per year for 8 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.

10 Contract Agreement: Bidder should submit a tripartite (Importer, Manufacturer and Haffkine Bio Pharmaceutical Corporation Ltd.) Contract Agreement on non-judicial stamp paper of requisite value.

Fall Clause

It is a condition of the contract that all through the currency thereof, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

11 The Bidder should submit (within 7 days) amount of 1.5% i-e. **Rs. 87,794/-** of order value to meet other incidental expenditure and 3% i-e. **Rs. 1,75,587.39/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee valid for 2 months after the expiry of date of warranty issued by any Nationalized / Scheduled Bank.

Amount to be deposited to Following Account:

Name of Account	Haffkine B P C L (Procurement Cell), CESS Account
Name of the Bank & Branch	Bank of Maharashtra, Branch- Mumbai Parel
Account No.	60381379835
IFSC Code	MAHB0000079

Consignee: As per list enclosed

या. व्यवस्थापकीय संचालक गांच्या मान्यतेने व करिता

beundruch

Dr. Vijay P. Bawiskar General Manager - 1 Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.

Copy to:

- 1) Commissioner Health Services, Mumbai.
- 2) Director, Medical Education & Research, Mumbai-400 001.
- Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.
- 4) Office File.

<u>Copy to</u> Consignee: Dean, B. J. Government Medical College, Pune.: As per Tender Condition No.17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Order value (excluding taxes) of equipment per year for Eight years after Completion of warranty period.

Copy Submitted to: 1) Secretary, Medical Education & Drug Department, Mantralaya, Mumbai.

Annexure-X

Sr. No.	Technical Specification of Fully Automated Tissue Processor Vertical
1	Fully Automated advanced xylene free tissue processor should have Reagent Management System with optical sensor, 300 cassettes processing capacity & optimized by an integrated alcohol concentration measurement sensor to support consistently high specimen quality & reduce reagent consumption.
2	To helps to reduce reagent consumption the Fully Automated advanced imported xylene free tissue processor should be able to measure actual concentration of alcohol in processor to be constantly measured during infiltration, optimized by an integrated measurement sensor & display same in reagent status submenu, to support consistently high quality of specimens.
3	Fully Automated advanced xylene free tissue processor should be able to operate with either laboratory-specific programs or pre-installed & validated infiltration programs with 13-15 pre-installed, non-editable validated infiltration programs, including 3-5 auto-rotation programs, 5-6 xylene & 5-6 xylene- free programs/protocols.
4	Fully Automated advanced xylene free tissue processor should have facility for 20-22 programs freely programmable infiltration protocols with up to 15-20 steps of (temperature; time; reagent; three pressure/vacuum options) each consisting of up to 12-13 reagent and 3-4 paraffin processing reagent steps. Time per program step: 0 to 23 hours, 59 minutes & programmable Start/ Finish delay step timer of 6 to 7 days.
5	Fully Automated advanced imported xylene free tissue processor should have user defined on/off magnetic octagonal stirrer for infiltration, mixing, heating of reagents for best tissue processing results.
6	Auto xylene free tissue processor should have temperature, time, reagent & three pressure- vacuum options with reagent temperature selection for paraffinizing agent 50 to $65^{\circ}C\pm1^{\circ}C$, infiltration reagents ambient or 35 to $60^{\circ}C\pm1^{\circ}C$ for rapid, fast, standard processing
7	For best specimen quality, RMS of Fully Automated advanced tissue processor, after cleaning program should prompt cleaning of optical level sensors, inside infiltration chamber to enable three-level retort filling & as per user requirement able to run retort cleaning programs by Quick, Regular, extended cleaning program.
8	Fully Automated advanced imported xylene free tissue processor should have pre-installed auto-rotation programs to automatically measure actual concentration of graded alcohols in the reagent container and indicate when a used alcohol needs to be replaced if its actual alcohol content has fallen below specified there should, the used alcohol to be replaced, with fresh undiluted absolute alcohol, to help reduce time of dilution & errors that can occur during process & entirely avoid contact or inhalation of solvents.

9	For Fast turn-around time, Fully Automated advanced tissue processor should have rapid infiltration program with xylene free protocol to help increase productivity in lab by significantly shortening infiltration times. At least one paraffinizing & intermedium xylene substitute agent should be easily locally available from instrument manufacturing company & to optimize protocols 10 liters of same to be supplied along with instrument.
10	Fully Automated advanced xylene free tissue processor should be with total 15-16 reagent container of which 9 reagent container 5 litres capacity with marking & facility of manual loading & remote filling or draining via hose pipe, to be cleaned with cleaned with compressed air after fill or drain process for optimum quality of reagent.
11	Fully Automated advanced xylene free tissue processor should have 3-5 cleaning programs for infiltration chamber that can be supplemented with a water rinsing step including cleaning program for clearing reagent residuals from all the reagent lines or cleaning air system / fluid system & minimize deposits of lines or while changing the allocated station for best hygiene & quality specimen processing.
12	To optimize reagent consumption & cost savings, advanced imported xylene free tissue processor should be able to run in one, two, three basket mode with help of four optical level sensors, with option to operate with two reagent volumes between 3.5 to 5 liters to process 100,200,300 standard cassettes. & supplied with 3 Cassettes basket assemblies, with lid, handle, separating wall and spiral inserts for cassettes.
13	To ensure optimum fresh, liquid paraffin is readily available for paraffin baths. Automated advanced xylene free tissue processor should have an integrated additional paraffin station to hold up to 5-6 liters of molten paraffin and ready to be used at any time and perform auto refill in remaining wax baths.
14	In case of power failure, Fully Automated advanced xylene free tissue processor should have safe reagent function system with independent power supply unit inside instrument which prevents tissue specimens from drying out or being otherwise damaged by automatically filling retort with a safe reagent and when power is restored, infiltration program is automatically resumed & completed.
15	Fully Automated advanced imported xylene free tissue processor should have three paraffin baths of 4.5-5L with temp. 50°C to 65°C with 1°C increment to be used during tissue processing, paraffin baths should have two handles, Two movable covers to provide better thermal insulation & prevent liquid paraffin from spilling out when being pulled out & should have sieve in paraffin station to protect paraffin lines from contamination. Paraffin baths should be capable to fill paraffin from melting station.
16	Fully Automated advanced xylene free tissue processor should be supported with integrated battery to begin uninterrupted power supply for short power failure & avoid alarming sound immediately.

	Fully Automated advanced xylene free tissue processor should have solvent resistant LCD
	colour touch screen with user friendly Intelligent software for number of cassettes, protocols,
17	days since last change & reagents to be replaced to be displayed, according to set standard
	laboratory replacement schedule, with 100 or more reagents names in memory & export
	function of RMS data via USB interface in non-editable files like ndf files
	Tureton of Rivis data via 055 interface in non-editable files ince par files.
18	Fully Automated advanced imported xylene free tissue processor should have Fume control
	system via activated carbon filter and should have Remote alarm connection.
	Fully Automated advanced xylene free tissue processor should have system in which Harmful
	reagent fumes & vapors are continuously suctioned back from infiltration chamber into
19	instrument & filtered even after chamber is opened, e.g. to reload cassettes or baskets All
	solvent vapors are transferred to external vacuum extractor via a separate port on rear of
	instrument as a safety measure & reduce exposure to the user
	Fully Automated imported vylana free tissue processor should have infiltration $Procesure of \pm 25$
	Putty Automated imported xytele free fissue processor should have infinitation Pressure of +55
20	kPa & Drain pressure between +25 to +60 kPa. Further, Impregnation Vacuum -35 kPa & Fill
	Vacuum between -35 kPa to -60 kPa. Further, vacuum system should not be capable of
	generating a dangerous vacuum condition.
-	Fully Automated advanced xylene free tissue processor should have auto protection against
21	overheating and overpressure full protection against cross-contamination of incompatible
	reagents.
	Fully Automated advanced xylene free tissue processor should have permanent system
22	performance, quality assurance check, pump age, filter age, rotary valve performance, system
	performance on station level.
23	Fully Automated advanced tissue processor should have facility of local and remote alarm with
	ability to shut off if required for a certain period of time by user via suspension button.
	Fully Automated advanced imported xylene free tissue processor should have additional at least
24	6-7 Ready to Use reagent bottles with 5 liters capacity & Separate Condensate bottle 1 with
10	capacity 3.8 to 4 liters.
	Fully Automated advanced xylene free tissue processor should have password protection with
25	Supervisor/Operator password that can be alphanumeric, freely selectable, limit access via a
	multilevel password protection system.
	Fully Automated advanced xylene free tissue processor should be equipped with numerous
	safety functions, at least three USB ports & with sophisticated AI software control mechanisms.
26	to ensure that specimens remain safe in event of a power failure or other malfunction during
	infiltration process and that infiltration is completed successfully.
	For protection from Overpressure of the Fully Automated advanced imported xylene free smart
e l'an	tissue processor should have system if power is switched off pressure air pump & values
	defaults to safe condition, retort is to be vented with no pressure generation. Moreover, 16
27	is not stopped at correct moment during pressurization nouse such to be interested to
	separate electronic circuit. In addition, should have as fate as the set of t
	pump output to ofmosphere
	pump output to aunosphere.

E-2992/ Fully Automated Tissue Processor Vertical

28	For protection from Overheating of the Fully Automated advanced xylene free smart tissue processor should have. An error to be indicated & all heating to be stopped by microprocessor control if instrument detects Abnormally high temperature (>75°C), Contradictory results of the temperature sensors. Failure of one or more heating power control components. If microprocessor fails to interrupt heating power, independent temperature limiting hardware circuits to limit temperature rise to a safe level. If temperature limiting circuits malfunction, an independent thermal fuse circuit should cut power of heating elements.
29	To manage long time power failures Fully Automated advanced xylene free tissue processor if required for instrument, should be supplied with appropriate online ups with half hours backup & ac for installation with instrument.
30	At least 50 or more Installations of quoted or similar model in renowned Hospital in India & 1 to 2 in any Govt. Medical College in Maharashtra with factory trained certified service personnel should be available in State at Pune & Mumbai are mandatory for qualification.
31	Fully Automated advanced imported xylene free tissue processor should have Ergonomic Design of Ready to use bottle drawer & designed at ergonomic position for technician to use to help reducing technician save time in lab daily management.
32	Fully Automated advanced imported xylene free tissue processor should have Glass window: Retort viewing window within retort lid to See & believe & have confidence that retort is filling and draining correctly & make sure the tissues are always fully immersed.
33	Fully Automated advanced imported xylene free tissue processor should have Ergonomic design & new safety standards from USFDA registered manufacturer, CSA certification, company trained engineer certificate is mandatory for tender qualification.
34	Fully Automated advanced imported tissue processor should be able to add solvent which is easy to load, quick exchange step prior to paraffin infiltration to Reduce hazardous vapors and paraffin consumption & allow xylene free processing at moderate temperatures, while ensuring prolonged wax preservation and high quality sections for morphological examination. For optimal paraffin infiltration of tissue, minimizing need for xylene making, lab greener & reduce expense of hazardous waste disposal.
35	Fully Automated advanced imported tissue processor should have warranty of two years at least and AMC/CMC of 7 years after that at government rate.

Consignee Details

		M/s. Labtek Instruments.	
		Fully Automated Tissue Processor Vertical	
		Make : Leica	
		Model : ASP 6025	
Delivery Pe	ery Period 12 weeks		
No.: 5583/Haffkine/Procurement Cell/E-2992/Fully Automated To Processor Vertical/2021-22.Date:01112021		Automated Tissue	
		प्रशासकीय मान्यता निधी ५८,५२,९१३/- राज्य योजना २०१९-२०	
Sr. No.		Name & Address of the Consignee	Oty. (DMER)
1.	B. J. G	B. J. Government Medical College, Pune. 01	
		Total :	01

या व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

Bernshan

Dr. Vijay P. Bawiskar General Manager - 1 Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.