



# शिवराज नगरपालिका

## नगर कार्यपालिकाको कार्यालय

चन्द्रौटा, कैलालिबस्तु  
लुम्बिनी प्रदेश, नेपाल

पत्र संख्या : ०८०/८१

चलानी नम्बर :

मिति : २०८१।०३।०५

सुचना

सुचना

सुचना

विषय : कोटेशन पेश गर्ने सम्बन्धमा ।

प्रस्तुत विषयमा शिवराज नगरपालिका पशु सेवा शाखाको आ.व. ०८०।८१ को वार्षिक स्वीकृत आधारभूत प्रयोगशाला कार्यक्रम अर्न्तगत तपसिलका ल्याव सामग्री खरिद गर्नुपर्ने भएकोले यो सुचना प्रकाशित भएको मिति ले ५ दिन भित्र यस कार्यालयलाई तपसिल अनुसारको कोटेशन उपलब्ध गराईदिनुहुन सम्बन्धित सबैमा जानकारीको लागि अनुरोध छ । साथै खरिद गर्नुपर्ने ल्याव सामग्रीको स्पेसिफिकेशन पान ३ यसै साथ संलग्न छ ।

### तपसिल

S.n.	Name of Equipments	Unit	Qun.	Rate	Remarks
1	Binocular Microscope	pc	1		
2	Ice lined refrigerator (ILR)	pc	1		

बाबुराम पौडेल  
प्रमुख प्रशासकीय अधिकृत

## Microscope Specification

Parts	Feature
Stand	Single mold stand with anti-rust materials
Viewing Bodies	Binocular 45 degree inclined, 360 degree rotatable both eyepiece focusable adjustable interpupillary distance adjustable from 48 to 75 mm
Eyepiece	WF 10x/18mm with eyeguard, lockable, antifungal
Objectives	EP2 plan infinity objectives 4x, 10x, 40x (SL) and 100x (SL,oil) antifungal
Mechanical Stage	Double plate stage 150 x 135mm, X/Y travel range 75mm x 40mm, double specimen holder.
Condenser	Sub-stage abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with blue filter
Focusing	Co- axial coarse and fine focusing on ball drive system for smooth operation
Illumination	LED illumination with variable illumination control. Up to 50000 hours of LED life rechargeable battery provide 6-8 hours battery backup in case of electricity failure
Electricals	Universal input 100v-240v AC, 50/60 Hz. Built-in voltage stabilizer
Optional accessories	Dark filled kit, phase contrast kit, video adaptor digital camera and mirror attachment

*[Handwritten signature]*

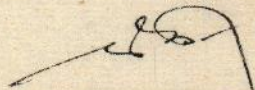
*[Handwritten signature]*

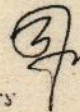
*[Handwritten signature]*  
**बाबुराज पण्डित**  
 प्रमुख पर्यावरणीय अधिकारी

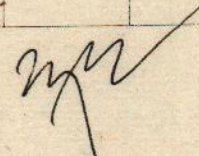


**Technical Specification of Refrigerator, Ice Lined Chest Type (Butwal Sub-Metro city)**

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
		Yes/No	Reference Doc Page No.	Remarks
	<b>Refrigerator, Ice Lined</b>			
	<b>Manufacturer</b>			
	<b>Brand</b>			
	<b>Type / Model</b>			
	<b>Country of Origin</b>			
<b>1</b>	<b>Description of Function</b>			
1.1	Ice lined refrigerator for vaccine storage.			
<b>2</b>	<b>Operational Requirements</b>			
2.1	Ice-lined refrigerator, chest type, CFC free, 75-100 litres capacity.			
<b>3</b>	<b>System Configuration</b>			
3.1	Ice-lined refrigerator, chest type, CFC free, 75-100 litres capacity.			
<b>4</b>	<b>Technical Specifications</b>			
4.1	Gross volume: 75-100 litres.			
4.2	Vaccine storage capacity: 50-65 litres approx.			
4.3	Holdover time min. 48 hours at external temperature of 43°C.			
4.4	Temperature control: With a full vaccine load in the refrigerator, the temperature remains between 2°C to +8°C at +32°C and +43°C continuous ambient temperature. Intermittent electricity supply, 8 hours on / 16 hours off.			
4.5	<b>Construction:</b> <ul style="list-style-type: none"> <li>Corrosion resistant: internal and external cabinet, lid and frame protected against corrosion.</li> <li>CFC free insulation</li> <li>Door with lock and handle</li> <li>Integrated digital temperatures display LCD/LED-01 (for displaying temperature inside the system and shall operate either from electrically or solar power).</li> </ul>			
4.6	Refrigerant: The refrigerator shall utilize CFC(Chlorofluorocarbon) free			
4.7	Compressor: <ul style="list-style-type: none"> <li>Sealed heavy duty type.</li> <li>Starts and operates on electricity supply from 220v to 260 volts.</li> </ul>			
4.8	Control panels: The thermostat thermometer and other visual displays like on off switch. Power indicator must be positioned.			
4.9	Temperature Record History: Data loggers records minimum 30 days' temperature reading.			
<b>5</b>	<b>Accessories, spares and consumables</b>			
5.1	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).			

  
**Er. Umesh Kumar Chaudhary**  
 NEC No. 162-Biomedical 'A'

 2080/03/12

  
**ಬಿಜುರಾಜ್ ಪಾಟೀಲ್**  
 ಪ್ರಾಥಮಿಕ ಪ್ರಾಸಾರಣಾಧಿಕಾರಿ



<b>6</b>	<b>Operating Environment</b>			
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
6.2	Power supply: 220-240VAC single phase, 50Hz fitted with appropriate plug. The power cable must be minimum 3 metres long.			
6.3	Voltage stabilizer unit to fit the refrigerator shall be included. Stabilizer to have the capacity of minimum 1KVA, normally operating input voltage of 110-270V.			
<b>7</b>	<b>Standards and Safety Requirements</b>			
7.1	This unit shall be certified to meet ISO9001 or ISO 13485.			
7.2	Shall meet WHO PQ standard.			
7.3	Test and inspections as per WHO Procedure reference for Ice lined refrigerator.			
<b>8</b>	<b>User Training</b>			
8.1	Must provide user training (including how to use and maintain the equipment).			
<b>9</b>	<b>Warranty</b>			
9.1	Comprehensive warranty for 2 year after acceptance.			
<b>10</b>	<b>Maintenance Service During Warranty Period</b>			
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
<b>11</b>	<b>Installation and Commissioning</b>			
11.1	Supplier must accomplish proper installation & commissioning of the equipment on site.			
<b>12</b>	<b>Documentation</b>			
12.1	User (Operating) manual in English			

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/No/All complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.

Er. Umesh Kumar Chaudhary  
NEC No.: 162-Biomedical 'A'

2080/03/12