

# TECHNICAL SPECIFICATION FOR COLORIMETER

S.N.	Purchaser's Specifications	Bidder's compliance sheet		
	COLORIMETER	yes/No	Page no. in catlog	Remarks
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	<b>Description of Function</b>			
	General purpose colorimeter use in clinical laboratory			
2	<b>Operational Requirements</b>			
	Microprocessor controlled system.			
3	<b>System Configuration</b>			
	Colorimeter with complete accessories.			
4	<b>Technical Specifications</b>			
A	Must have 8 no of filters wave length from 400 nm to 680 nm			
B	Must have a digit LED display calibrated directly in optical density.			
C	Detector must be encased spill proof photocell			
D	Must have facilities for Auto zero, concentration calculation, percentage transmission and optical density.			
E	Lamp source: Broad spectrum LED, covering full visible range			
5	<b>Accessories, spares and consumables</b>			
	<b>Accessories:</b>			
	Dust cover-01 nos			
	Operation manual			
6	<b>Operating Environment</b>			
A	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country.			
7	<b>Standards and Safety Requirements</b>			
A	Must submit ISO 13485 or CE Certification.			
8	<b>User Training</b>			
	Must provide user training (including how to use and maintain the equipment).			
9	<b>Warranty</b>			
	Comprehensive Warranty for 1 year.			
10	<b>Maintenance Service During Warranty Period</b>			
	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.			

Deependra  
BIO-Medical Engineer  
NFC No. 365 "A"

प्रमुख प्रशासकीय अधिकृत  
न्यौपान

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*Bidder must completely fill the Technical Specification Form (TSF).*

*Only Yes/no/all complies should not be written. Pagenumber 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*

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# Technical Specification of Binocular Microscope


S.N.	Hospital Proposed Specification	
	<b>Binocular Microscope</b>	
	<b>Manufacturer :</b>	
	<b>Brand :</b>	
	<b>Model :</b>	
	<b>Serial No.</b>	
	<b>Country of Origin :</b>	
1	<b>Description of Function</b> A Microscope fitted with double eyepieces for vision with both eyes is a Binocular Microscope. Compound microscope consists of two or more than two magnifying lenses. One can view individual cells, even living ones. It shall have high magnification.	
2	<b>Operational Requirements</b> System complete with illumination system required.	
3	<b>System Configuration</b> Binocular microscope (LED) with complete accessories.	
4	<b>Technical Specification</b>	
	<b>Type</b> <ul style="list-style-type: none"><li>Upright compound microscope with Koehler Illumination</li></ul>	
	<b>LED illumination</b> <ul style="list-style-type: none"><li>Light source should be 0.5W LED light with minimum 20000 hours life</li><li>The system must have a build in transmitted illumination system.</li></ul>	
	<b>Optical System:</b> <ul style="list-style-type: none"><li>Infinity optical system</li><li>All optical parts including objectives, eye pieces and prisms must have anti-reflective coating which also gives anti-fungal property.</li></ul>	
	<b>Eyepiece</b> <ul style="list-style-type: none"><li>Paired, high quality, have a minimum field number of 20. Diopter adjustment must be present on on/both eye pieces or on the eye piece tube.</li></ul>	
	<b>Nose Piece:</b> <ul style="list-style-type: none"><li>Fixed quadruple nose-piece for 4 objectives</li></ul>	
	<b>Objectives</b> <ul style="list-style-type: none"><li>With High quality objectives of the Plan-Achromatic class: Plan-Achromatic 4x/0.10 Plan-Achromatic 10x/0.25 plan- Achromatic 40x/0.65 Plan-Achromatic 100x/1.25 Oil, WD=0.13mm</li><li>Making for the Objectives: Each objective must be engraved with the following information:<ul style="list-style-type: none"><li>Name of the manufacturer</li><li>Magnification and numerical aperture, for example, 10x/0.25</li></ul></li></ul>	

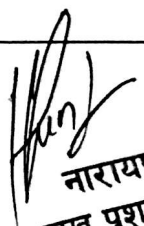
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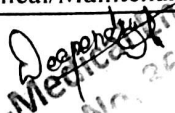



	100x objective must be engraved with the word 'Oil'	
	<b>Condenser</b> <ul style="list-style-type: none"> <li>Abbe-type condenser, numerical aperture (N.A) 1.25 focusable with rack and pinion arrangement incorporating a spherical lens and an iris-diaphragm</li> </ul>	
	<b>Viewing Tube</b> <ul style="list-style-type: none"> <li>Viewing with 30° angle and field of view min 20mm</li> <li>With Interpupillary Distance continuously variable from 48 to 75 mm by asymmetric folding of the binocular part</li> </ul>	
	<b>Stage</b> <ul style="list-style-type: none"> <li>Aluminum die cast stable body with coaxial focus adjustment.</li> <li>Mechanical reckless stage with Long-lived stage surface With well-readable vernier and robust controls</li> <li>Wire movement mechanical fixed stage. Travelling range: 76mmx30mmx, Specimen holder, specimen position scale.</li> <li>Co-axial coarse and fine focusing knobs capable of smooth fine focusing movement over the full range of coarse travel. Built in security slot and focus lock should be provided.</li> <li><b>Must have ergonomic grip for easy carrying</b></li> </ul>	
5.	<b>Accessories, spares and consumables</b>	
	All standard accessories, consumables if any 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).	
6.	<b>Operating Environment</b> The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include PowerSupply, Climate, Temperature, Humidity, etc.	
	Power supply: 220-240V/ 50 Hz AC Single phase fitted with appropriate plug to meet purchaser's country requirements. The power cable must be minimum 3 meters long.	
7	<b>Standard and Safety Requirements</b>	
	Must submit ISO13485:2016/AC:2007 for Medical Devices AND	
	CE (98/79/EC directives) or USFDA approved certificate.	
8	<b>User Training</b>	

  
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	The Supplier shall conduct onsite user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.	
9	<b>Warranty</b>	
	Comprehensive warranty for 2 years after installation, from Manufacturer.	
10	<b>Maintenance Service During Warranty Period</b>	
	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.	
11	<b>Installation and Commissioning</b>	
	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.	
12	<b>Documentation</b>	
12.2	User (Operating) manual in English	
12.3	Service (Technical/Maintenance) manual in English	

  
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“समुन्नत सम्पदा दिगो पूर्वाधार, समृद्ध कनकाईको मूल आधार”

# कनकाई नगरपालिका नगर कार्यपालिकाको कार्यालय



जामुखी झापा  
कोशी प्रदेश, नेपाल  
कोशी प्रदेश

पत्र संख्या: ०८१/०८२ (स्वास्थ्य शाखा)

मिति: २०८२/०१/०९

च. नं.:

ने.सं.: ११४५ चौलागा ९ मङ्गलवार

विषय:- प्रयोगशाला सामग्रीको दररेट पेश सम्बन्धि प्रथम पटक प्रकाशित सूचना ।

प्रस्तुत विषयमा यस कार्यालय अन्तर्गतका स्वास्थ्य संस्थाहरूका लागि तपशिल बमोजिमका प्रयोगशाला सामग्री खरीदका लागि लागत अनुमान तयार गर्न सार्वजनिक खरिद नियमावली २०६४ को नियम ११ को उप नियम २ (ख) बमोजिम स्थानीय बजारमा प्रचलित बजारभाउ ७ दिन (मिति २०८२ । ०१ । १५ गते) भित्र इकाई दररेट प्यान/ भ्याट दर्ता प्रमाणपत्रको छायाप्रति तथा आ. व. २०८० । ८१ को कर चुक्ता प्रमाण पत्रको प्रतिलिपी सहित यस कार्यालयको स्वास्थ्य शाखामा वा ईमेल ठेगाना kanakai.mun@gmail.com मा पेश गर्न हुन अनुरोध छ।

तपशिल:

सि.न.	सामग्रीको विवरण	उपलब्ध गराउन सकिने रकम रु (भ्याट बाहेक)	कैफियत
१	वाइनाकुलर माइक्रोस्कोप		समलग्न स्पेशिफिकेशन बमोजिमको
२	कोलोरिमिटर		

*(Signature)*  
२०८२/१/९  
नारायण न्यौपान  
प्रमुख प्रशासकीय अधिकृत