



समावेशी ग्रामीण विकास परियोजना नवलपरासी
स्वास्थ्य उपकरण खरिद सम्बन्धि सिलबन्दी दरभाउ पत्र आह्वान
Terms of Reference (TOR)

परिचय :

कोरिया अन्तर्राष्ट्रिय सहयोग नियोग (कोइका) र गुड नेवर्स इन्टरनेशनल नेपालको आर्थिक तथा प्राविधिक सहयोगमा सहमतिद्वारा संचालित समावेशी ग्रामीण विकास परियोजना अर्न्तगत स्थानीयद्वारा पहल परियोजना नवलपरासी बर्दघाट सुस्ता पश्चिमको सुनवल नगरपालिका वडा नं. २, ५ र ९, सुस्ता गाउँपालिका वडा नं. २ र ३, प्रतापुर गाउँपालिका वडा नं. ६ र ८, सरावल गाउँपालिका वडा नं. ७, पाल्हीनन्दन गाउँपालिका वडा नं. ६ को साथै नवलपरासी बर्दघाट सुस्ता पूर्वको मध्यविन्दु नगरपालिका वडा नं. ६, ७, ८ र ९ मा विभिन्न २६ वटा परियोजना संचालन भै रहेको छ ।

कोभिड-१९ को प्रभाव न्यूनिकरण गर्न यस समावेशी ग्रामीण विकास परियोजना अर्न्तगतको कोभिड १९ रिकभरी परियोजनाले कार्यक्षेत्र भित्रका स्थानिय तहका स्वास्थ्य संस्थाहरूलाई स्वास्थ्य उपकरण सहयोग गर्ने उद्देश्य लिएको छ । स्वास्थ्य उपकरणहरू खरिदको लागि नेपालमा आधिकारिक डिलरसीप तथा सप्लाई गर्ने अनुमति पाएका इच्छुक फर्म, सप्लायर्स, कम्पनी तथा सेवा प्रदायकहरूले निम्न शर्तहरूको अधीनमा रहि तोकिएको म्यादभित्र पेश गर्ने गरी सिलबन्दी बोलपत्र आह्वान गरिन्छ ।

कार्यक्षेत्र:

मध्यविन्दु नगरपालिका ६, ७, ८ र ९, सुस्ता गाउँपालिका वडा नं. २ र ३, प्रतापुर गाउँपालिका वडा नं. ६ र ८ र सुनवल नगरपालिका वडा नं. २, ५ र ९, पाल्हीनन्दन गाउँपालिका वडा नं. ६ तथा सरावल गाउँपालिका वडा नं. ७

शर्तहरू :

१. नेपाल सरकारबाट इजाजत प्राप्त तथा सम्बन्धित क्षेत्रमा अनुभव भएका निजी/सावर्जनिक फर्म तथा संस्थाले यो बोलपत्रको लागि योग्य हुनेछ ।
२. अनुसूची २ मा उल्लेख भएका स्वास्थ्य उपकरणहरूको गुणस्तर, उपयोगिता र टिकाउ सम्बन्धी विस्तृत विवरण, बिक्री पछिको सेवा तथा सुविधाहरू खुलाई प्रति इकाई दररेट पेश गर्नुपर्ने छ ।

३. आपूर्तिकर्ताले उल्लेखित परियोजना कार्यक्षेत्रसम्म उपकरणहरूको ढुवानी सेवा दिनुको साथै आवश्यक परे उपकरण संचालन सम्बन्धि अभिमुखिकरण गर्नु पर्नेछ ।
४. कम्पनी/फर्म/अधिकृत बिक्रेताले बोलपत्र आह्वानको सूचना प्रकाशन भएको मितिले ७ दिनभित्र बोलपत्र पेश गर्नु पर्ने छ । म्याद नाघी वा रीत नपुगी दाखिला भएका बोलपत्र उपर कुनै कारवाही हुने छैन ।
५. बोलपत्रदर्ता गर्ने अन्तिम दिन सार्वजनिक बिदा परेमा सोको लगत्तै कार्यालय खुलेका दिन उपरोक्त बमोजिमका समयमा नै बोलपत्रदर्ता गर्न सकिनेछ ।
६. बोलपत्र कागजातको मूल्यअंकित सूचीमा उल्लेख गरेको दररेट अंक र अक्षरमा स्पष्ट लेखिएको हुनु पर्नेछ, केरमेट भएको हुनु हुँदैन । कथमकदाचित् अंक र अक्षरमा फरक देखिएमा अक्षरलाई मान्यता दिइनेछ । कुनै शर्त राखेको वा दररेट सम्बन्धि अधुरो रहेको बोलपत्र स्वतः रद्द हुनेछ ।
७. आवश्यक परेको खण्डमा कम्पनी/फर्म/अधिकृत बिक्रेतालाई प्रस्ताव मञ्जुर गर्नु भन्दा अगाडि संशोधन गर्न भन्न सकिनेछ ।
८. छनौट भएको कम्पनी/फर्म/अधिकृत बिक्रेतासँग वार्षिक सम्झौता गरिनेछ ।
९. बोलपत्रको सम्पूर्ण कागजातमा प्रोप्राईटर वा अख्तियार प्राप्त व्यक्तिले सही गरी कम्पनीको छाप लगाएको हुनुपर्नेछ ।
१०. **पेश गर्नुपर्ने आवश्यक कागजातहरू :**
 - क. विस्तृत र स्पष्ट रूपमा दररेट (उल्लेखित अनुसूचीमा उपलब्ध फारम नमूना अनुसार)
 - ख. फर्म दर्ताको प्रमाणपत्र तथा नवीकरणको प्रतिलिपि
 - ग. मूल्यअभिवृद्धि कर दर्ता तथा पछिल्लो आर्थिक वर्षको चुक्ताकर प्रमाणपत्रको प्रतिलिपि
 - घ. बोलपत्र बुझाएको निवेदन
 - ङ. आधिकारिक डिलरसिप लिएको प्रमाण पत्रको प्रतिलिपि
११. अनुमानित आवश्यक यन्त्र, उपकरण र परिमाण अनुसूचि १ मा उल्लेख गरिएको छ
१२. छनौट भएको सप्लायर्ससँग खरिद गरिने सामग्रीको कुल मुल्यको ५ प्रतिशत बैंक ग्यारेन्टी सम्झौता गर्नु अगावै परियोजना कार्यालयमा पेश गर्नुपर्नेछ ।
१३. बोलपत्र पेश गर्दा अनिवार्य रूपमा यस TOR मा सम्लग्न अनुसूचि भरि हस्ताक्षर गरी अन्य कागजात सहित पेश गर्नुपर्नेछ ।
१४. बोलपत्र छनौट गर्ने वा नगर्ने सम्पूर्ण अधिकार सम्बन्धित संस्थाहरूमा निहित हुनेछ ।

उल्लेखित दरभाउ पत्र सिलबन्दी खाममा “स्वास्थ्य उपकरण खरिद” लेखी मिति २०७८।०१।३१ गते तदअनुसार (14 May, 2021) ५:०० बजेभित्र समावेशी ग्रामीण विकास परियोजनाको कार्यालय, शिवालय टोल, वर्दघाट ४, नवलपरासी वा सहमतिको कार्यालय, गैँडाकोट नगरपालिका, वडा नं. ५, नवलपरासी वा गुड नेवर्स इन्टरनेशनल नेपालको केन्द्रिय कार्यालय, एकान्तकुना ललितपुरमा सिधै वा हुलाक कुरियर मार्फत बुझाउन सकिनेछ ।

दरभाउ पत्रको इलेक्ट्रोनिक प्रतिलिपि बुझाउँदा, दररेट भएको फाइल पासवर्डद्वारा सुरक्षित पीडीएफ फाइलमा पेश गर्नुपर्नेछ । पासवर्डलाई गोप्य राखी EOI बुझाउने अन्तिम मितिको भोलिपल्ट इमेल मार्फत बुझाउनुपर्ने छ । संस्थाको इमेल TO: procurement@sahamati.org मा र CC: eoi@gninepal.org गरी बुझाउन सकिनेछ ।

अनुसूची १

स्वास्थ्य उपकरणहरूको विवरण र आवश्यक परिमाण

S.N	Name of Tools /Equipment	Operational Requirements	System Configuration	Specification	Require QT
1	Hospital Bed	The patient bed shall be made of solid steel construction with anti-corrosive and antirust treated baked hard epoxy powder coating	Hospital Bed	<ol style="list-style-type: none"> 1. Bed base shall be anti-corrosive and antirust treated epoxy powder coated steel frame 2. The bed base top shall be made of epoxy powder coated 18G perforated sheet to improve ventilation 3. The patient bed shall have a fixed height 4. Shall have 4 IV rod receptacles and mosquito net pole receptacles at the 4 corners 5. It shall come with one dual hook anti-corrosive and antirust treated epoxy powder coated or 304 grade stainless steel IV rod 6. Shall have provisions to fix urinary bag on both sides 7. All 4 legs of the bed shall be capped with heavy duty rubber footings. 8. It shall have S.S./epoxy powder coated bedhead & foot-end fitted with laminated panels 9. Both bedhead and foot-end panel shall be detachable. 10. The height of the bedhead panel: not less than 1060mm from floor. 11. The height of the foot-end panel: not less than 820mm from floor. 12. Overall approximate dimension: not less than 1980mm length, 910mm width, 600mm height. 13. The colour of the paint or coating shall be finalised during contract negotiation 	10

2	ANC/OPD/patient checkup bed	An examination couch with upholstered top in two pieces. Adjustable headrest on gas spring.	Examination couch with mattress.	<ol style="list-style-type: none"> 1. The examination couch shall be made of a solid steel sheet and plate construction with anti-corrosive and antirust treated epoxy powder coating with upholstered top. 2. All 4 legs of the bed shall be capped with heavy duty rubber footings. 3. Overall size of the table must not be less than 1890mm L x 600mm W x 825mm H 4. Strong Mild steel tubular construction epoxy powder coated treated. The top base of machine pressed double bent Mild steel sheet epoxy powder coated treated finish 5. Gas spring assisted adjustable backrest of approx. size 450mm L x 310mm H with upholstered top. 6. Upper section with drawers lower section comprises of cabinet with lockable sliding door. 7. Swinging tray must be attached near headrest for BP apparatus and/or other health checkup minor equipment. 8. The mattress shall be foldable and shall be designed to bend with the positioning of the bed when the backrest of the bed is adjusted. Bidder shall indicate the weight capacity and the total weight of the mattress in kilogram (kg) 9. The mattress shall have mid-firmness, with foam density of approximately 0.55kg/ cubic foot, to avoid that the patient would sink down into foam with antibacterial, antistatic, acid resistance, waterproof and washable vinyl or vinylized nylon cover. 10. The joints must be smooth and neat finish. 	16
3	Oxygen cylinder with meter and mask (Large)	Steel Oxygen cylinder of 10L capacity is required.	Oxygen Cylinder, 10L with Trolley, Regulator, Flow Meter and Bubble Humidifier.	<ol style="list-style-type: none"> 1. Cylinder filled with medical grade Oxygen. 2. Seamless steel Oxygen cylinder with "Bull nose"-valve 3. Water Capacity: 10L 4. Working pressure: 15MPa(150bar) 5. Testing Pressure: 250bar 6. Cylinder shall be easily refilled anywhere and there is no need for any custom made refilling hose /station / connector. 7. Shall be supplied complete with cylinder key/spanner/bar or hand-wheel to turn cylinder on/off. 8. Regulator: Bull nose screw type, medical oxygen cylinder fitting Regulated to convert standard cylinder pressure (typically 2,000 psi) to approximately 4BAR (4 atmospheres) pressure Regulator delivery pressure must be factory pre-set, and not permit user adjustment Maintenance engineer adjustment of delivery pressure via a screw slot or covered or capped system is required Regulator must incorporate overpressure safety valve with auto venting 9. Flow Meter: Back Pressure Controlled Flow Meter Sturdy and reliable Flow Meter Unit for an accurate measuring of flow of gases. Flow adjustment by Needle valve equipped with inlet filter – 100 µm. Flow rate range 0 – 15 litres / minute. Flow meter to be attached to regulator output Bubble Humidifier with Safety Valve and Pressure Relief Valve: Lid made of ABS Plastic Jar made of Unbreakable Poly Carbonate Valve Brass chromium plated Humidifier jar must be steam autoclaveable / gas sterilizeable 	25

4	Oxygen cylinder (Small)	Steel Oxygen cylinder of 46L capacity is required	Oxygen Cylinder, 46L	<p>1 Cylinder filled with medical grade Oxygen.2 Seamless steel Oxygen cylinder with "Bull nose"-valve3 Water Capacity: 46L4 Working pressure: 15MPa(150bar)5 Testing Pressure: 250bar6 Cylinder shall be easily refilled anywhere and there is no need for any custom made refilling hose / station / connector.7 All fitting of cylinder must be leak proof and shall not have any chances of leakages.8 Shall be supplied complete with cylinder key/spanner/bar or hand-wheel to turn cylinder on/off.9 Regulator: Bull nose screw type, medical oxygen cylinder fittingRegulated to convert standard cylinder pressure (typically 2,000 psi) to approximately 4BAR (4 atmospheres) pressureRegulator delivery pressure must be factory pre-set, and not permit user adjustmentMaintenance engineer adjustment of delivery pressure via a screw slot or covered or capped system is requiredRegulator must incorporate overpressure safety valve with auto venting4.10 Flow Meter:Back Pressure Controlled Flow MeterSturdy and reliable Flow Meter Unit for an accurate measuring of flow of gases.Flow adjustment by Needle valve equipped with inlet filter – 100 µm.Flow rate range 0 – 15 litres / minute.Flow meter to be attached to regulator outputBubble Humidifier with Safety Valve and Pressure Relief Valve:Lid made of ABS PlasticJar made of Unbreakable Poly CarbonateValve Brass chromium platedHumidifier jar must be steam autoclaveable / gas sterilizeable.</p>	25
5	Delivery bed	Manually operated delivery bed	Delivery Bed with complete attachments and accessories.	<ol style="list-style-type: none"> 1. It must have manual adjustments for height and back positions. 2. It must have collapsible side rails. 3. It must have three sectional mattress and seat section must have large perennial cut. 4. It must have headboard which can be detached. 5. Must have wheels provided with locking system. 6. Must have retractable foot section so as to convert bed into table. +E2337 7. Must have infusion rods, which have adjustable heights, quick release and attaches to all corners of bed. 8 Must have adjustable leg rests. 9 Must have push grip handles. 10 Must have sliding stainless steel bowl at perennial part of table. 11 It must have catheter bag holder, which can be attached, on either side of bed. 12 It must be able to give trendelenburg, reverse trendelenburg and 70 degree sitting position. 13 It must have adjustable foot supports. 14 It must be easy to maintain clean and sterilize (especially blood stains). 15 Frame must be of epoxy powder coated (washable) steel. <p>Dimensions (approx.): Length: 180cm Width: 75cm Load capacity: 150kg or more</p>	1

6	Emergency trolley/Patient Trolley	It shall be non-hydraulic, mechanically operated patient trolley.	Emergency patient trolley complete with mattress and accessories	<p>1. Shall have three sectional mattress base made of X Ray translucent high pressure laminate with facility to insert X Ray Cassette from either sides & ends of the trolley.2. Shall be able to X Ray the patient from positions along the entire length and width of the trolley.3. Shall have pneumatic gas spring stepless adjustment for back section. Trendelenburg (approx. 14Degree) and reverse trendelenburg (approx.7 Degree) positions.4. Shall have non hydraulic height adjustment by crank mechanism app. 500-900 mm.5. Frame of the trolley shall move with mattress base when foot section / back section are adjusted.6. Frame shall be made up of steel with epoxy powder coated washable paint finish.8. Shall be equipped with heavy-duty castors diameter 150 mm with brakes.9. Shall have bumpers at all the four corners of the trolley.10. Shall have facility to fix IV rod at all the four corners and middle of mattress base frame.11. Shall have place for fixing 'B' type Oxygen cylinder.12. Dimensions: Max. Length: app. 2075 mm· Max. Width : app. 750 mm· Height: approx. 500 – 900 mm· Trendelenburg : app. 14 deg. stepless· Anti Trendelenburg : app. 7 deg. stepless· X ray viewing area : entire length</p>	6
7	Suction machine (Foot)	An electric double jar suction pump for surgical use.	Suction machine with two bottles and accessories.	<p>1. It shall be mounted on four robust, fully 360 degree swiveling, antistatic, non-marking grey tires castors, minimum size 75 mm with at least 2 diagonal brakes. 2. Come with suction controller and vacuum gauge / indicator. 3. The pump shall be oil free vacuum pump where the pumped liquid shall be sealed off from the pump. 4. Come with overflow control valves. Bidder shall provide technical design and details of the pump with this TSF A. Vacuum rate shall be from 0 to not less than 640 mmHg (0.85 bars). B. Air flow rate shall be at least 25 l/min. C. The pump shall come fitted with twin unbreakable, transparent, autoclaveable suction bottles minimum 2 litre each. D. The bottles shall be incorporated with an automatic suction cut-off mechanism when they become full. E. The suction bottles shall come with overflow lid. 5. Noise level: not more than 60 dB. 6. Air discharge from pump shall be filtered by a 0.3 micron bacterial hydrophobic filter.</p>	2
8	Thermal gun				12

9	Nebulizer Machine	Heavy duty compact Nebulizer is required	Nebulizer, complete unit with all standard accessories.	<ol style="list-style-type: none"> 1. Compact, lightweight, low noise. 2. Durable long life compressor. Suitable for heavy duty/ institutional (hospital) use, must be able to run uninterruptedly for at least 30 min. 3. Must have Maximum air pressure Between 25-40 psi 4. Operating Air Pressure Between 0.8-1.5 bar 5. Must produce particle of size 1-5µm 6. Must have a dust filter 7. Must be able to deliver a flow rate more than 5 L/min. 8. Must have a check valve to protect the device against contamination due to backward inhalation. 9. Protective thermal cut out relay. 10. Shall provide ABS case with handle for easy carrying. 11. Must be compatible of 24 hour use on daily basis with standard condition applicable for the stoppage. Should mention the time of stoppage for the using the system 	11
10	Autoclave machine with drum	Seamless autoclave drums, to be used in autoclave	Seamless autoclave drums, complete set	<ol style="list-style-type: none"> 1. Material must be stainless steel type 3042. Must be seamless type 3. Sizes to submit (inches) 6 x 6, 9 x 5, 9 x 9, 11 x 5, 11 x 9, 14 x 9 and 15 x 12 	14
11	Wheel chair (Wheelchair with bed pan)	Basic foldable/unfold able wheelchair for adult use.	Wheel Chair (with bed pan)	<ol style="list-style-type: none"> 1. Heavy carriage mounted on 4 ball-bearing wheels. 2. Front wheels free rolling, 360 degrees swivel. 3. Both rear wheels with brake. 4. Foot lever, integrated in frame, facilitates tilting the wheelchair. 5. Two handles at the rear fit with plastic rims. 6. Swing-away foot and arm supports for easy stepping on/off. 7. Armrests seat and back are upholstered. 8. Materials: <ul style="list-style-type: none"> · High resistance to corrosion (tropical environment). · Frame: Chrome-plated tubular steel. · Upholstery: Plastic, flexible highly tear resistant, anti-static, flame retardant, disinfectant- and liquid proof, washable. · Tires: Heavy duty solid rubber. 9. Dimensions, Approx. + 10%: <ul style="list-style-type: none"> · Overall: 450 x 500 x 870mm (d x w x h). · Back support: 500 x 400mm (w x h). · Frame, diameter: 23mm. · Wheels, diameter: Front 200mm, Rear 600mm. · Carrying capacity: Approximately 150kg. 10. Attached with anbed pan 	9

12	Auto/Sincere sanitizer machine				2
13	LED View Box (Single Film)	Single film LED view box, operates on mains electric supply	LED View Box (Single Film), complete unit.	<ol style="list-style-type: none"> 1. Ultra slim design. 2. LED backlit and shall have separate on/off function with separate rotary continuous adjustable brightness control at the bottom of panel for convenient operation. 3. It shall have fully electronic continuous brightness control with adjustment range approx. up to 90%. 4. Shall have no lag period in intensity modulation. 5. Front sheet shall be made of polycarbonate or acrylic with antiglare. 6. Shall have sturdy film clamping mechanism with automatic sensor induced on/off system. 7. Illumination: High bright white LEDs. 8. It shall have homogeneous illumination and shall have luminance of more than 1200 cd/m². 9. LED light source shall have at least 20000 hours of operation. 10. Shall be able to hold two full large size CT/MR films at a time and each film has maximum size of 43cmX 35cm. 	2
14	Weight machine (2 in 1)				20
15	Baby weight machine	Microprocessor based electronic weighing machine with facility to weight lying down as well as standing babies.	Weighing Scale Infant (Digital), complete unit.	<ol style="list-style-type: none"> 1. Weight range 0-20 kg (minimum weight to be weighing 20 gm.). 2. Accuracy +/- 5gms, resolution 5 gm. 3. Unit must have facility to accurately weigh the hectic/active baby and retain the digital display for 30 sec. even if baby is removed from the scale. 4. Zeroing facility (when disposable sheets are used above the tray). Display must show negative reading when linen is removed 5. Shall have feather touch keys 6. Shall have Kg to pound conversion facility 7. Unit must have facility to "Freeze" display to show reading even baby is removed 8. Durable HIP moulded baby tray and it must be detachable. The construction of baby tray does not allow baby to be injured or slip from the scale 9. Large bright red display for strain free reading. 	3
16	IV stand	Epoxy powder coated IV/Saline stand with castors.	Adjustable IV/saline stand with five legs, with double hooks and five swivels castors.	<ol style="list-style-type: none"> 1. The IV stand shall be made of tubular anti-corrosive and antirust treated epoxy powder coated mild steel, with a 5 pronged base fitted on mobile on swivelling castors of approx. diameter Ø50mm. The castors must be non-rusting and non-marking. 2. The stand should come with stainless steel double IV hook, height adjustable from approximately 1620mm to 2340mm, with a screw knob for height adjustment. 	4

17	Refrigerator	<p>1. Refrigerator is required to operate at temperatures from +2 0C to +8 0C and Freezer to operate between -10 0C to – 20 0C.</p> <p>2. Floor standing model, preferably double door with lock and handle supplied with two keys.</p>	<p>Refrigerator with freezing compartment CFC free</p> <ul style="list-style-type: none"> · Floor standing model · Digital display · Adjustable shelves/drawers · Alarm system · Voltage corrector/stabilizer · Temperature data logger 	<ol style="list-style-type: none"> 1. Gross Volume: approx. 250 litres. 2. Corrosion resistant construction, preferably stainless steel. 3. Type: Compression Cycled, CFC-Free Refrigerant (both for refrigeration and insulation), R134A, cooling coil of copper. 4. Compressor: Power saver compressor. 5. It shall have adjustments for uneven bases. The adjustments shall be easy to use like rotating a screw on the legs of the base. 6. Spill proof adjustable shelves/drawers. Bidder to specify the number of shelves/drawers to be offered. 7. It shall have microprocessor based control system with digital display. 8. Individual display for temperature inside the freezer and the refrigerator. 9. Alarm for Low/High temperature inside freezer and the fridge. 10. Frost free system. 11. Internal illumination. 12. Alarm: 	9
18	Microscope	<p>System complete with illumination system and research quality optics is required.</p>	<p>Binocular Microscope (LED) with all the necessary adapters and power cords</p>	<ol style="list-style-type: none"> 1. Optical System: Infinitely corrected optics par focal, plan achromatic lenses with anti-fungal properties. 2. Magnification must be 40X – 1000X. 3. Illumination: Built in transmitted Koehler illumination. The Illumination must be modular type with LED illumination having life time more than 20,000 hours of operation. 4. Focusing: Fine drive: 0.3mm /rotation. Coarse drive: 44mm/rotation. Total travel range is 15mm. Stage height movement by roller guide (rock & pinion). Upper limit stopper. Tension adjustable on coarse focus. Adjustment knob. 5. Revolving nosepiece, Quintuple. 6. Observation tube: Observation tube must be Binocular compensation free with Side & top of design with two working heights at 385 & 425 mm with an ergonomic head inclination at 30°. Interpupillary distance adjustment must be from 48-74mm. 7. Stage: Mechanical stages must be low positioned coaxial control knobs: X-Y travelling area 140 x 135mm. Travel range 75x30mm having graduated scale. Must have filter holder and must be equipped with Blue, Green Yellow filters. Must have rounded edges of the stage corners. 8. Condenser: Type – Abbe condenser. N.A. – 0.9/ 1.5. Aperture iris diaphragm – built-in. 9. Base must be metallic, supplied with field lens unit, rubber feet and with external power adapter. 10. The Objectives must be antifungal Plan Achromatic Objectives, 4x/0.1, 10x/0.25, 40x/0.65, 100/1.25 Oil immersion and 40x & 100x Objectives spring loaded. Ocular and Objective must have an antifungal coating with 4-position reverser, the inclined ocular tube at a ergonomically height of 30° (for convenient and fatigue free observation). 11. Eye Pieces must be WF-10X/18. 12. The Microscope must have provision of connection of Plano Concave mirror unit. 13. LED light intensity must be displayed on both sides of the stand. 	1

19	Folding Screen (Patient Screen)	Epoxy powder coated three fold patient screen.	Patient Screen with light blue curtain and fully swivel twin wheel castors	<p>1. Three fold ward screen approx. total size 2450 w x 1650 h mm in three sections.</p> <p>2. Mild steel tubular construction with epoxy powder coated treated in three section 600mm span width at each side and 1210 mm span width in the middle) and mounted on wide spaced legs for each section, and each foot to have two swivel castors size 50mm.</p> <p>3. To be supplied with hooks, springs and heavy duty curtain, firmly attached at sides, top and bottom. Curtain must have no gaps between sections</p>	14
20	Cardiac Monitor(Fetal Monitor)	External fetal monitoring system, shall work on mains electric supply	Cardiotocograph (CTG) Monitor with complete accessories.	<p>1. It shall have ultrasonic transducer to measures foetal heart rate (FHR).2. Facility of calculation of FHR base line, variability, accelerations and decelerations.3. Facility of audio-visual alert on loss of signal.4. Shall have pressure-sensitive transducer records uterine contractions (UC).5. Monitor fit with remote switch for event marking.6. Monitor can be used for twins.7. System automatically recognizes specific transducer.8. Self-test is performed each time the device is switched on.9. Large alphanumeric display provides with: FHR 1, FHR 2 and UC.10. FHR range, approximately 50 to 240bpm, minimal graduation 1bpm.11. UC range, relative: 0 to 100 units, minimal graduation 1 unit.12. System reports, with audio-visual alert: operational status, malfunctions (transducers), out-of-paper.13. Printer:· Built-in high-resolution thermal printer, paper width approximately 150mm.· Automatic and manual print-out mode.· Prints FHR 1, FHR 2 and UC, displayed parameters and marked events.· Printer resolution, approximately 1bpm (FHR) and 1 unit (UC).· Paper speed, adjustable: 1, 2 or 3cm/min.· Print-out on z-folded thermo-reactive paper.· Paper graduation: FHR 25bpm/cm and UC 25 units/cm.14. Shall have data communication interface: RS232, BNC, USB or equivalent.15. Monitor shall be compact and ergonomic design, smooth finishing allows for easy cleaning.</p>	2

21	Postmortem Tool box	The post mortem set must be made of highest quality materials e.g. stainless steel (S/S) for metal devices. The surgical instruments must be CE marked / USFDA approved. The bidder must submit quality assurance (QA) certificates	Post Mortem Set, complete unit.	1. The instruments required are listed below, bidder MUST provide full description of all instruments (description includes: full name, type, shape, design, full length, volume and etc.) required below for the evaluation. Instruments Required: NB: All sizes indicating length may vary +/- 3mm, other sizes +/- 2mm. • Surgical scissors straight size 6" 1 pc • Surgical scissors straight size 9" 1 pc • Surgical scissors straight size 12" 1 pc • Ribs cutting scissors size 9" 1 pc • Ribs cutting scissors size 12" 1 pc • Post-mortem electrical saw for skull 1 pc • Bone cutting saw 1 pc • Surgical knives size 4" 1 pc • Surgical knives size 6" 1 pc • Surgical knives size 9" 1 pc • Anatomy knife 1 pc • Osteotome • Scalpel handle with blades (surgical) • Tissue forceps with teeth • Cartilage knife with metal handle, cutting length 55 mm 1 pc. • VIRCHOW Autopsy knife with metal handle, cutting length 85 mm 1 pc. • Bone shears 225 mm 1 pc • Bowel scissors, 210 mm 2 pc • Dissecting forceps, length 130 mm 1 pc • Metal mallet, Bergmann, 235 mm, 300 gm • Rachiotom 220 mm 2 pc. • Blow pipe, straight, double, 104 mm 2 pc. Retractors, double, 65 mm. • Surgical needles. • Storage cas	2
22	Waiting chair		Steel	Readymade, stainless steel 4 seat s	13

नोट: माथि उल्लेखित उपकरण आवश्यकताको आधारमा थपघट हुन सक्ने छ ।

अनूसूची २

स्वास्थ्य उपकरण दर रेट (फारम)

क. स.	उपकरणको नाम	विशिष्टता, ब्रान्ड, मोडेल नं., अपरेटिङ्ग प्रणाली, बिक्रि पछिको सेवा र वारेन्टी, ग्यारेन्टी उल्लेख गर्नुहोस	इकाई र परिमाण	दर रेट (भ्याट सहित) अंकमा रु	दर रेट (भ्याट सहित) अक्षरमा रु	कैफियत
1	Hospital Bed					
2	ANC/OPD/patient checkup bed					
3	Oxygen cylinder with meter and mask (Large)					
4	Oxygen cylinder (Small)					
5	Delivery bed					
6	Emergency trolley/Patient Trolley					
7	Suction machine (Foot)					
8	Thermal gun					
9	Nebulizer Machine					
10	Auto clave machine with drum					
11	Wheel chair (Wheelchair with bed pan)					
12	Auto/Sincere sanitizer machine					
13	LED View Box (Single Film)					

14	Weight machine (2 in 1)					
15	Baby weight machine					
16	IV stand					
17	Refrigerator					
18	Microscope					
19	Folding Screen (Patient Screen)					
20	Cardiac Monitor(Fetal Monitor)					
21	Postmortem Tool box					
22	Waiting chair					

नाम :

हस्ताक्षर :

छाप :

मिति: