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कामा व आल्ब्लेस रुग्णालय, मुंबई

महापालिका मार्ग, मुंबई - ४०० ००१
CAMA & ALBLESS HOSPITAL
MAHAPALIKA MARG, MUMBAI-400001

क्र.कावआरु/खरेदी विभाग/यंत्रसामुग्री/दरपत्रके/२५०४/२०२१

दिनांक : २३/०३/२०२१.

विषय :- राज्य योजनांतर्गत योजना सन २०२०-२१ या वित्तीय वर्षात रुग्णालयातील विविध विभाग व कक्षाकरिता लागणारी यंत्रसामुग्री खरेदी करण्यासाठी दरपत्रके सादर करणे बाबत..

उपरोक्त विषयान्वये नमूद केल्यानुसार राज्य योजनांतर्गत योजना सन २०२०-२१ या वित्तीय वर्षात रुग्णालयातील विविध विभाग व कक्षाकरिता लागणारी यंत्रसामुग्री खरेदी करण्यासाठी आपणाकडून दरपत्रके मागविण्यात येत आहेत.

Sr. No.	Name of Equipment	Qty.	Specification
01	Ventus Machine	01	Attached Separately
02	S.S. Trolley with Basinet	05	Attached Separately
03	Dressing Trolley	01	Attached Separately
04	Dental X-Ray Machine	01	Attached Separately
05	Delivery Table	02	Attached Separately
06	Spot Light	04	Attached Separately
07	Suction Machine	06	Attached Separately
08	P.V. Table with Spot Light	01	Attached Separately
09	N.S.T. Machine	02	Attached Separately
10	Examination Table with Mattress	03	Attached Separately
11	Patient Trolley	01	Attached Separately

वर दर्शविल्याप्रमाणे दरपत्रकेचा अनुक्रमांक व तारीख आणि यंत्रसामुग्रीचे नांव उल्लेखित केलेल्या मोहोरबंद लिफाफयातून पूर्ण भरलेले दरपत्रक अधीक्षक, कामा व आल्ब्लेस रुग्णालय, मुंबई ४०० ००१ या कार्यालयात दिनांक २५ मार्च २०२१ रोजी दुपारी १२.०० वाजेपर्यंत स्विकारल्या जातील

अधीक्षक,

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दरपत्रकाच्या अटी व शर्ती :-

- १) सदर दरपत्रक सिलबंद पाकीटावर ज्या बाबींसाठी दरपत्रक सादर करण्यात येत आहे त्याचे नाव ठळकपणे नमूद करावे.
- २) सदरील दरपत्रक अधिकृत लेटरहेडवर सादर करावे. त्यासोबत व्यवसाय नोंदणी प्रमाणपत्र, जीएसटी विलअरन्स सर्टिफिकेट, जीएसटी नंबराची किंवा तत्सम प्राधिकरणाची नोंदणी प्रमाणपत्र तसेच पॅनकार्डची प्रत, औषधीद्वये विभागाचे वैद्य मान्यता / परवानगी प्रमाणपत्र, सदर यंत्रसामुग्री पुरवठा करण्यास कंपनीने प्राधिकृत व वैद्य प्रमाणपत्र (उत्पादक कंपनीचे अथोरायझ सर्टिफिकेट) यांच्या छायांकित प्रती तसेच माहिती पत्रक (कॅटलॉग) इत्यादी माहिती सादर करणे बंधनकारक आहे.
- ३) दरपत्रक आकरण्यात आलेले दर हे बाजारभावाच्या अधिन राहून असावेत, सदरचे वस्तूची निव्वळ किंमत व इतर सर्व कर हे स्वतंत्रपणे दर्शविण्यात यावे. तसेच यंत्रसामुग्री यांचे पुरवठा आदेश प्राप्त झाल्यापासून लवकरात लवकर पुरवठा करणे आवश्यक आहे. सदरील यंत्रसामुग्री पुरवठा करण्यास विलंब झाल्यास देयकामधून नियमानुसार दंडात्मक वसूली करण्यात येईल.
- ४) उपरोक्त यंत्रसामुग्री ही दरपत्रकांच्या सोबत जोडलेल्या विनिर्दिष्टाप्रमाणे असणे आवश्यक असून, यंत्रसामुग्री ही आयएसआय मार्क किंवा तत्सम समान दर्जाची व उत्कृष्ट असणे आवश्यक आहे.
- ५) दरपत्रकाती बाबीं कोणत्याही शासनाचे दरकरार तसेच GeM Portal वर उपलब्ध झाल्यास त्या बाबींकरिता भरण्यात आलेले दरपत्रके वगळण्यात येतील याची नोंद घ्यावी.
- ६) संबंधितांकडून यंत्रसामुग्री संबंधित मागील अनुभव असल्यास त्याची प्रत सोबत सांक्षाकित करून देण्यात यावे.
- ७) दरपत्रक वरील यंत्राचा हमी (वारंटी) कालावधी नमूद करावा तसेच सदर वस्तूंचे नमूने तपासणीसाठी सादर करणे बंधनकारक आहे.
- ८) शासकीय सर्व शनिवार व रविवार तसेच जोडून आलेली सार्वजनिक सुट्ट्या वगळून दरपत्रके सादर करण्यात यावे यांची नोंद घ्यावी. दरपत्रक पोस्टाने पाठविलेले स्विकारल्या जाणार नाहीत.
- ९) दरपत्रके स्विकारण्याचा अथवा नाकरण्याचा अधिकार अधिक्षक, कामा व आल्ब्लेस रुग्णालय, मुंबई तसेच खरेदी समिती, कामा व आल्ब्लेस रुग्णालय, मुंबई यांना राहिल.
- १०) सविस्तर अटी व शर्ती वाचूनच दरपत्रके भरण्यात यावेत.



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Technical Specification of Vacuum/Ventos:

1. Noiseless aspiration unit with rapid vacuum build up mounted on a well-balanced trolley with at least four good quality antistatic castors with brakes
2. The machine should be based on aluminum free heat resistant piston cylinder technology with long lasting high-tech material.
3. System should have membrane vacuum regulator & easily readable vacuum gauge
4. System should be capable of operating at vacuum levels between 0 to -712 mmHg.
5. System should have Clean Touch buttons providing One-touch flow.
6. System should provide multiple preset flow rates of 40 ltr/min, 50 ltr/min and 60 ltr/min, with one touch button.


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Specification for Baby Bassinet Trolley

- Stainless steel bed framework
- Swivel tiltable bed plate
- Angular tilt positions
- Large size storage basket
- Four castors with wheels brake

Frame	Stainless steel frame
Angular Tilt	0° ~ 12°
Caster wheel	4 casters with 80mm diameter with break
Dimensions	820 × 530 × 960 mm


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Technical Specification for Dressing Trolley:

- The trolley should be full Stainless Steel
- The top should have a size of 18"(L)X18"(W)X42"(H)
- The plastic drawer should also have partitions to segregate small instruments.
- The trolley should consists of 3 shelves overall



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1. Dental X-Ray Machine: With manual/remote control/both control.

Dental X-Ray unit with digital system with small digital sensor attached to the tube head. sensor area for tube and position monitoring. a control console provided for directing of the X-Ray.

Technical Specification:

• Technical Unit	Max. 9.0kV
• Filament	2 Nos. 4.0 filamentless operation with separate port
• Filter	Aluminum
	7 cm non penetrable radiographic imaging by
	thermoluminescence
• Rated Electrical power	0.500W
• High Frequency technology	IGBT
• Load type	0.5 max. all 2. 1000
• Maximum film thickness	1.5
• Total filtration	2mm Al eq
• Adjustable mobile X-ray	0.7 - 1
• Adjustable voltage to X-ray tube	max 70 kVp
• Dispersed radiation	< 0.25 mR/cycle at 1 meter from focus
• Exposure time	20 ms - 1 sec scale R10
• Intermittent operation Power supply	230 V (50/60 Hz)
• Intermittent operation	1 s exposure- 30 s reset max
• Distance	1.1 - 20 cm
• Fuse	1.6 A 11
• Exposure Control	Wireless Radio Remote

1. Radiovisiography: RVG :- 1 nos.

RVG sensor with software, : "Size 1 with a sensitive (active) area of 30 X 20 mm ideal for standard examinations. Software with multiple image display on screen.

Specification:-

- 1) Active area - Size 1.-600mm² (30x20mm)
- 2) Pixel Size -20x20µm
- 3) Number of Pixels:-1500 x1000
- 4) Connection to PC:- USB 2.0(A Type connector)

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Seshank
Dental Hygienist

Technical Specifications of Delivery Table:

- Overall size : 1830 x 610 x 780mm 72" x 24: x31" ht, {L x w x H}.
- Fixed upholstered top of 610 mm , (W) / 24" (W).
- Optimized height of the table for comfortable observation and reach.
- The design focuses on ease of operation, hygiene, doctor and patient ergonomics, and aesthetics. Homogeneous soft forms with rounded edges evoke feeling of comfort and safety.
- First part of the lower section consists of One drawer, B.P Apparatus tray and one cupboard
- All doors have aesthetically designed inbuilt press bend handles placed in such a way that to give a unique look also provide wider space for gripping to users & do not protrude outside the surface of the cupboard thus avoiding inconvenience to the patient.



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Specs for Spot Light:

- It should be floor mouted LED Light.
- Spot Diameter – 45000 lux
- Depth illumination – 10-15 cm
- Color Temp: 4350K
- CRI – 91Ra
- LED Life: 50000 hrs
- Number of LED – more than 10



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Specification of M.T.P Suction Machine.

1. The machine should be portable and completely noiseless.
2. It should be able to with stand up to 8 hours of continuous pressure at time without overheating.
3. It should be fitted with stainless steel cabinet having stainless steel top and entire unit shall be mounted on smooth moving 4 Nos. castors wheel.
4. The main assembly of the pump consist of a stator with a rotor mounted.
5. The Rotor is fitted with two spring loaded diametrically opposed vanes, which moves in and out of their slots pressing against the inner surface of the stator.
6. It should create vacuum of 700 to 760 mm of mercury in it (28" to 30") and suction mechanism shall be oil immersed in sturdy cast iron tank.
7. Machine shall create vacuum instantly and shall be fitted with a regulator for vacuum alteration.
8. The bottle should be of polycarbonate fibre of 1500 C.C. each and should be fitted on S.S. top by means of S.S. spring clamp arrangements. The bottles should be easy to detach for cleaning purpose.
9. The Machine shall be fitted with a automatic cut of float mechanism, vacuum gauge and pilot lamp, special high quality non collapsible and a adaptor shall be provide with the Machine.
10. The machine shall be fitted with $\frac{1}{2}$ H.P. high torque motor working on 220V single phase A.C. supply and provide with 3 core power chord with 3 pin top suitable length as well as a cut out fuse.


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Technical Specifications of P.V. Table with Spot Light:

- Overall size : 1830 x 610 x 780mm 72" x 24: x31" ht, {L x w x H}.
- Fixed upholstered top of 610 mm , (W) / 24" (W).
- Optimized height of the table for comfortable observation and reach.
- The design focuses on ease of operation, hygiene, doctor and patient ergonomics, and aesthetics. Homogeneous soft forms with rounded edges evoke feeling of comfort and safety.
- Mattress and upholstery is to be made with PU foam
- First part of the lower section consists of One drawer, B.P Apparatus tray and one cupboard
- All doors have aesthetically designed inbuilt press bend handles placed in such a way that to give a unique look also provide wider space for gripping to users & do not protrude outside the surface of the cupboard thus avoiding inconvenience to the patient.
- In built sliding step stool be made of ERW square tube, of section 25.4mm and 1.25mm thick with aluminum treads offering firm grip for climbing
- Under Structure and top frame is to be made of ERW square tube, of section 25.4mm x 25.4mm and 1.25 mm thick Understructure is to be made of MS square tubes with unique styling that provides better strength and stability

Specs for Spot Light:

- It should be floor mouted LED Light
- Spot Diameter – 45000 lux
- Depth illumination – 10-15 cm
- Color Temp: 4350K
- CRI – 91Ra
- LED Life: 50000 hrs
- Number of LED – more than 10



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Technical Specifications for NST Machine:

1. Automatic fetal movement detection with user adjustable sensitivity.
2. User customizable high rate, low rate and loss of contact alerts.
3. Integral trace annotation facility with user customizable messages.
4. High performance software, with the high sensitivity transducer, provides excellent Fetal Heart Rate performance.
5. Transducers and patient event marker are included as standard and are supplied complete with latex free belts.
6. Plain thermal paper for lower running costs and improved risk management
7. Intuitive user interface and controls minimise training overheads
8. Unique twins solutions with wide no compromise trace presentation
9. Dual data ports for connection to software systems and external monitors
10. Interface option available to Vital Signs Monitors for maternal vital signs monitoring
11. High resolution printer with high contrast printing.
12. Can be upgraded to intrapartum with plug and play kit.



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Technical Specifications of Examination Table:

- Overall size : 1830 x 610 x 780mm 72" x 24: x31" ht, {L x w x H}.
- Fixed upholstered top of 610 mm , (W) / 24" (W).
- Optimized height of the table for comfortable observation and reach.
- The design focuses on ease of operation, hygiene, doctor and patient ergonomics, and aesthetics. Homogeneous soft forms with rounded edges evoke feeling of comfort and safety.
- Mattress and upholstery is to be made with PU foam
- First part of the lower section consists of One drawer, B.P Apparatus tray and one cupboard
- All doors have aesthetically designed inbuilt press bend handles placed in such a way that to give a unique look also provide wider space for gripping to users & do not protrude outside the surface of the cupboard thus avoiding inconvenience to the patient.
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Specification for Patient Trolley

- Overall Approximate size of one stretcher on trolley: 1870mm (L) x 50mm (W) x 900mm (H).
- Frame work made of CRC tubes.
- Mounted on 150 mm swivel castors.
- The system consists of 2 undercarriage & 1 Stretcher
- The 2 undercarriages can be interlocked & the stretcher can rollover from one carriage to another.
- Two saline locations in each unit & one Saline rod supplied with system, cylinder cage in one undercarriage.
- Stretcher can be raised at one end on ratchet system.

• Powder Coating:

All M.S. parts are Eight Tank Pre-treated & Epoxy Powder Coated.


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