

NO.CPRGHKK/STORE/MACHQC/1183/19-20
Office of the Dean,
Chhatrapati Pramila Raje General Hospital,
Kolhapur
Dt.30/01/ 2020

Subject : Quotation for Purchase of Machinery and Equipments (PLAN).
Reference : As per Hon. Dean's approved note Dated :30/01/2019

We are inviting the quotations as per one envelope system for the following machinery and equipments required at different departments of this hospital. Quotations should be in the prescribed form and as per Terms and condition mentioned bellow. Prescribed format is available on www.rcsmgmc.ac.in. This quotation procedure is subject to administrative approval from Govt. of Maharashtra.

Last date of Submitting Quotation alongwith :- Date:10/02/2020 up to 05.00 p.m.
Demonstration report

Download the annexures and required forms from given website, print as per given instructions, give the demonstration of the machinery / equipment to the respective Head Of The Department, for which intended to submit the quotation. All the photo copies should be self attested or attested by guazetted officer.

Sd/-
Dean,
C.P.R. General Hospital,
Kolhapur.

Encl.:

- 1) List and Specifications of Machinery and Equipments.
- 2) Terms and Conditions

C.P.R. General Hospital, Kolhapur
List and Specification for Machinery and Equipments (PLAN)

Specification No	Name of Equipment.	Technical Specification	Department
PL - 17	O.T. TABEL (ELECTRICAL)	<ol style="list-style-type: none"> 1. It should have electric & hydraulic, movements & heavy non-rusting casting body & radioluscent perineal post. 2. It should have very stable & heavy skeletal traction system suitable for reduction of femur fracture surgeries. 3. It should have adjustable hand support for forearm surgery. 4. It should have support for tibia surgery & head surgery. 5. It should have arrangement of head low/up & screen for anaesthetist. 6. It should have arrangement for all orthopedics operations & general surgery in both supine & lateral position. 7. It should have adjustable thigh support with radioluscent top. 8. It should have lateral position for femur using special radioluscent C perineal post. 9. It should be extremely useful for femur surgeries under image intensifier. 10. It should be useful for fractures around hips, thighs, knees etc. 11. Position for operation for tibia & fibula using special radioluscent knee support. 12. It should be extremely useful for closed intramedullay nailing & interlocking for tibia & fibula under image intensifier. 	Orthopedic
PL - 19	Of Operating Ear Microscope	Combines brilliant Optics quality with unique 24mm stereoscopic base results in enhanced depth of field Enables surgeons to identify precise details.	E.N.T
PL – 20	Single Chip HD Camera	<p>3 1/3" 16:9 image sensors with more than 6Mega effective pixels in total</p> <ul style="list-style-type: none"> - High sensitivity requires less light from illumination - New image enhancement functions on clarity and color - High interference immunity from electrosurgery - Flexible filters for using with fiber flexible scope - Full digital chain achieved on DVI-D, HDMI(1), or 3G-SDI digital output - Up to 2,5x digital zoom function and freeze function - Mirror, flip, rotation function - Full HD resolution video recording and image capturing (optional) 	E.N.T
PL – 21	Defibrillator	<ul style="list-style-type: none"> • 7" TFT color display, up to 3 waveforms • Manual defibrillation with impedance compensation • Synchronized cardioversion, 3 Lead ECG Monitoring • Arrhythmia detection and vitals trending • 50 mm printer • Lithium ion battery with capacity of 100 full- energy charge/shock cycles • Quick charging of less than 6 seconds to charge to full energy 	T.B. AND CHEST
PL – 22	Sinuscope -Nasal (Sinus) Endoscope 70 degree 4 mm	<ul style="list-style-type: none"> • Nasal Endoscop 4mm • 70Degree • Sinusscop 4mm 70degree • aproximate lenght 185mm • autoclavable, • hight speed rodlens low 	E.N.T

		<ul style="list-style-type: none"> • vignetting high magnification • ss sapphire glass cover I • laser welded joint 	
PL – 23	Psychomtreck teast	<p>1. Minnesota Multiphasic Personality Inventory</p> <ul style="list-style-type: none"> • Specification <p>The MMPI-2 AIS V4 provides the clinician with comprehensive interpretations for the MMPI-2 and the MMPI-2 Restructured Form (MMPI-2-RF®). The program offers three interpretive reports for the MMPI-2, including a Codetype Report (similar to the report offered by Version 3), a Content-Based Report, and a Codetype/Content-Based Report. A Content-Based report is offered for the MMPI-2-RF. All reports include information on the potential impact of demographic factors, assessment of specific Dangerousness to Self and Others items, and a description of test-taking behaviors (e.g., omissions, accuracy of endorsement). The MMPI-2 AIS V4 does not score the MMPI-2 or the MMPI-2-RF; rather, it offers interpretation based on scores that are manually input into the program</p> <p>2. Sixteen Personality Factor Questionnaire (16PF)</p> <ul style="list-style-type: none"> • Specification <p>. 16 primary scales and other numerous derivative scales. A test of normal adult personality the 16 P. F, Form A to E effectively measure levels of (i) warmth, (ii) intelligence, (iii) emotional maturity, (iv) dominance, (v) impulsivity, (vi) super ego strength, (vii) boldness, (viii) sensitivity, (ix) trust, (x) imagination, (xi) shrewdness, (xii) confidence, (xiii) radicalism, (xiv) self sufficiency, (xv) self sentiment, and (xvi) tension. Additional derived scales include five second order factors—extraversion, anxiety, tough poise, independent and social control plus composite scores for creativity, adjustment, leadership and numerous other criteria related scales. It is widely used in industry and business for selection, placement, training and promotion of personnel. It also facilitates accurate diagnosis and effective treatment. Range 16 years and above. Forms A and B are equivalent forms of 187 items, untimed, requires 45-60 minutes, Forms C and D are equivalent forms of 105 items, meant for 15+ and adult, untimed, requires 25-30 minutes and Form E of 128 items is for low literates.),</p> <p>3. Woodcock-Johnson® III Normative Update - Tests of Cognitive Abilities Richard W. Woodcock, Kevin S. McGrew, and Nancy MatherThe WJ III NU</p> <p>Specification Tests of Cognitive Abilities is based on the Cattell-Horn-Carroll (CHC) theory of cognitive abilities, which combines Cattell and Horn's Gf-Gc theory and Carroll's three-stratum theory. The CHC theory provides the most comprehensive framework available for understanding the structure of human cognitive abilities. The Standard Battery consists of tests 1 through 10, and the Extended Battery includes tests 11 through 20. Depending on the purpose and extent of the assessment, examiners can use the Standard Battery alone or in conjunction with the Extended Battery.</p>	Psychiatry

PL – 24	Syringe Infusion Pump	<table border="1"> <tr> <td>Flow rate range:</td> <td>0.1 to 200 ml/h (0.1 ml/h increments) (up to 1200 ml/h, programmable)</td> </tr> <tr> <td>Flow rate accuracy :</td> <td>+/- 1% on mechanism, +/- 2 % on syringes</td> </tr> <tr> <td>Syringes capacities:</td> <td>: 5, 10, 20, 30/35, 50/60 ml, automatic syringe size recognition</td> </tr> <tr> <td>Types of syringes:</td> <td>Up to 50 syringes can be stored</td> </tr> <tr> <td>Volume limit infusion mode:</td> <td>0.1 to 999.9 ml, (0.1 ml increments)</td> </tr> <tr> <td>Volume/time infusion mode:</td> <td>Volume to infuse: 0,1 to 99.9 ml / Time: 0 h 01 to 96 h 00</td> </tr> <tr> <td>Pause:</td> <td>1 minute to 24 hours (increments from minute to minute)</td> </tr> <tr> <td>Bolus rate:</td> <td>50 ml/h to 1200 ml/h (50 ml/h increments)</td> </tr> <tr> <td>End of VL or end of V/T settings:</td> <td>2 KVO adjustable (OFF... 0,1 ml/h to 5 ml/h), continuous mode</td> </tr> <tr> <td>Data log event:</td> <td>1500 data log events</td> </tr> <tr> <td>Drug library:</td> <td>Drug library of 50 agents with dilution, hard and soft limits</td> </tr> <tr> <td>Preventive silence function:</td> <td>2 minutes silence setting to change the syringe</td> </tr> <tr> <td>Initial rate memorisation function:</td> <td>Initial rate memorisation function when device is turned off (option)</td> </tr> <tr> <td>Sound level adjustable:</td> <td>Up to 7 levels of sound</td> </tr> <tr> <td>Occlusion alarm limit:</td> <td>100 to 900 mmHg, (50 mmHg increments) 2 modes available: Variable or 3 pre-set levels</td> </tr> <tr> <td>DPS (Dynamic Pressure System):</td> <td>Line disconnection alarm, indication of pressure increase and decrease in the infusion line</td> </tr> <tr> <td>Pressure display:</td> <td>Graphic representation of the pressure in the infusion line and of the pressure limit</td> </tr> <tr> <td>Anti-bolus system:</td> <td>Reduces significantly bolus after occlusion release (0.2 ml max at 500mmHg)</td> </tr> </table>	Flow rate range:	0.1 to 200 ml/h (0.1 ml/h increments) (up to 1200 ml/h, programmable)	Flow rate accuracy :	+/- 1% on mechanism, +/- 2 % on syringes	Syringes capacities:	: 5, 10, 20, 30/35, 50/60 ml, automatic syringe size recognition	Types of syringes:	Up to 50 syringes can be stored	Volume limit infusion mode:	0.1 to 999.9 ml, (0.1 ml increments)	Volume/time infusion mode:	Volume to infuse: 0,1 to 99.9 ml / Time: 0 h 01 to 96 h 00	Pause:	1 minute to 24 hours (increments from minute to minute)	Bolus rate:	50 ml/h to 1200 ml/h (50 ml/h increments)	End of VL or end of V/T settings:	2 KVO adjustable (OFF... 0,1 ml/h to 5 ml/h), continuous mode	Data log event:	1500 data log events	Drug library:	Drug library of 50 agents with dilution, hard and soft limits	Preventive silence function:	2 minutes silence setting to change the syringe	Initial rate memorisation function:	Initial rate memorisation function when device is turned off (option)	Sound level adjustable:	Up to 7 levels of sound	Occlusion alarm limit:	100 to 900 mmHg, (50 mmHg increments) 2 modes available: Variable or 3 pre-set levels	DPS (Dynamic Pressure System):	Line disconnection alarm, indication of pressure increase and decrease in the infusion line	Pressure display:	Graphic representation of the pressure in the infusion line and of the pressure limit	Anti-bolus system:	Reduces significantly bolus after occlusion release (0.2 ml max at 500mmHg)	Surgery
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PL – 25	Patient Monitor 5 Parmeter	<p>12 .1 inch high resolution color TCFT LCD screen Thinner and lighter design, Convenient and portable for user pace-maker detection Freeze instant waveform for real time S-T segment analysis Real time S-T analysis ,pace-maker detection 3 -level audio visual alarming. Efficient resistance to interference of defibrillator and HF Knife. Lasting working capacity with bult in rechargeable lithium battery 400 groups of NIBF list ,6000 seconds ECG waveform recall 60 alarm events record recall 7-days trends chart in storage. Wire/ wireless central monitoring system applicable to ICU/CCU/Or</p>	E.N.T																																				

PL - 26	RVG digital intraoral with sensor and software	<ul style="list-style-type: none"> • Should be compatible with Kodak 2100 intraoral X- ray system . • CCD /Super CMOS technology • sensor size : should be convenient and comfortable for adults as well as pediatric • sensory plat thickness- approx. 7.3 mm • true image resolution of sensor 16-20 lines per mm • Connection – USB 2.0 high speed • Exposure life should be minimum 35000-4lakhs • should have automatic acquisition and save facility • should provide compatibility with software such as digital camera and scanner • sensor cable length should be approx . 3 meter and reinforced for durability and reliability . 	Dentistry																
PL – 27	Infusion Pump	<ul style="list-style-type: none"> • Flow rate range— 0.1 – 200 ml • Syringe Capacity—5,10,20,30/35,50/60cc • Infusion modes—ml/hr, vol/hr • Battery—ni/mh/capacity: 10hrs at ml/hr/battery • Large display for at a glance monitoring • Smart pictograms and coloured status • Indicator lights • Two position fixation for the innovative clamp. 	T.B. AND CHEST																
PL – 28	Portable Spirometry System	<ul style="list-style-type: none"> • FVC, SVC, MVV, MV and pre/post medication test • LCD display for graphical numerical values • Simple operation • Display of flow volume loop in real time • Pre post comparison with interpretation/diagnosis statement • Inbuilt thermal printer giving graphical numerical data of the test performed • Ready-to-file reports within seconds on 3.5" (90 mm) paper • Choice of predicted normals for Indian standards • Internal memory for up-to 100 tests • Unique sensor technology - reusable flow sensors • Mains and battery operation 	T.B. AND CHEST																
PL – 29	Beam Splitter	<ul style="list-style-type: none"> • The BeamSplitter ,light weight assembly is to required • to use both optical path accessories such sa video and Observation tube . • Poarizing prisms are used in a beam splitter to reduce reflection . • prism coated with 80-20 ratio reduces light loss of doctors eye. • The relay lens projects the image formed by microscope from • the beam splitter to the chip of video camera. A commercially available • CCD Camera is mounted on c-much adptor of the realy lens . • It is available in two focal lengths i.e f 65 and f 55. 	ENT																
PL – 30	400mm Microscope lense	<table border="1"> <tr> <td>• Type</td> <td>• Gallilean</td> </tr> <tr> <td>• Binocular</td> <td>• Stright /1800 Tilttable (Optional)</td> </tr> <tr> <td>• Objective</td> <td>• Appochromatic F -250 standard (F200on request)</td> </tr> <tr> <td>• Stereoscopic Base</td> <td>• 24 mm</td> </tr> <tr> <td>• Eye Piece</td> <td>• 125×wide field high eye point</td> </tr> <tr> <td>• Msgnification</td> <td>• 25× 16× 10× 6 × 4 ×</td> </tr> <tr> <td>• Light source</td> <td>• Cold light through fiber Optic light guide</td> </tr> <tr> <td>• Bulb</td> <td>• LED</td> </tr> </table>	• Type	• Gallilean	• Binocular	• Stright /1800 Tilttable (Optional)	• Objective	• Appochromatic F -250 standard (F200on request)	• Stereoscopic Base	• 24 mm	• Eye Piece	• 125×wide field high eye point	• Msgnification	• 25× 16× 10× 6 × 4 ×	• Light source	• Cold light through fiber Optic light guide	• Bulb	• LED	ENT
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		<ul style="list-style-type: none"> • Illumination field • Light Intensity • Total height (Eyepoint) • Fine focus • Penta arm adjustment • Penta arm Rotation • Head swivel • Mobility • Power supply • Weight 	<ul style="list-style-type: none"> • 53mm 80,000 lux max.at standard conditon • Built in heat absorbing filter (blue, Green Optional) • Max 1565 mm/min1165mm • Through rack and poit range 45 mm (motorized optional) • 400mm • 0 to 240 • 0 to 90 • Movable on 4 castor wheels • 230v 50Hz single phase AC (110v AC Optional) • 70kg 																													
PL – 31	LED Light Source (LED OT LAMP)	<ul style="list-style-type: none"> • Led light source • Model envolite 180 • Lamp type advance led • Led lifespan 30,000hr • Optics superior nano optics • Intensity adjustment infinitely adjustment • 5200k natural day light Colour temp. 5200k • Dimension 190x130x88mm (l x b x h) • Weight 1.8kg 		E.N.T.																												
PL – 32	HD Monitor	<ul style="list-style-type: none"> • Full HD 27 inch (69 cm) HD monitor with advanced OptiContrast™ Panel and digital Input • The tough, high brightness 27" (69cm) LCD panel features an advanced anti-reflective technology that reduces internal and external reflections to optimise image contrast and helps provide surgeons and staff with high-quality viewing during operations. • Surgeons and operating room staff can view Full HD images from a wide range of medical imaging systems with this high quality LCD monitor. • The stylish displays High Definition 2D colour images from surgical endoscopic/laparoscopic cameras and other compatible medical imaging systems. • Flexible operation is enhanced with a choice of PIP/POP picture modes and a convenient image flip function. An intuitive guided user interface assists with simple fingertip operation. • Digital interfaces simplify connection with a wide range of High Definition and Standard Definition imaging sources. 		E.N.T																												
PL – 34	Microear Instruments	<table border="1"> <tr> <td>Mollisons self retaining mastoid</td> <td>3×3</td> </tr> <tr> <td>Retractor</td> <td>2×2</td> </tr> <tr> <td>Farabeufs periosteum elevator</td> <td>1</td> </tr> <tr> <td>Belluchi microscissor</td> <td>1</td> </tr> <tr> <td>Alligator forceps</td> <td>1</td> </tr> <tr> <td>Crocodile forceps</td> <td>1</td> </tr> <tr> <td>Hartmanns cup forceps</td> <td>1</td> </tr> <tr> <td>Iris scissor</td> <td>1</td> </tr> <tr> <td>House malleus head nipper</td> <td>1</td> </tr> <tr> <td>House Ear micro curette</td> <td>2</td> </tr> <tr> <td>Plesters flag knife</td> <td>1</td> </tr> <tr> <td>Rose circular knife</td> <td>1</td> </tr> <tr> <td>Sheas microear sickle knife</td> <td>1</td> </tr> <tr> <td>Cawthorne straight pick</td> <td>1</td> </tr> </table>	Mollisons self retaining mastoid	3×3	Retractor	2×2	Farabeufs periosteum elevator	1	Belluchi microscissor	1	Alligator forceps	1	Crocodile forceps	1	Hartmanns cup forceps	1	Iris scissor	1	House malleus head nipper	1	House Ear micro curette	2	Plesters flag knife	1	Rose circular knife	1	Sheas microear sickle knife	1	Cawthorne straight pick	1		E.N.T.
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PL - 35	Nerve Stimulator with Pen Mapper	<ol style="list-style-type: none"> Should be suitable to identify peripheral nerves and giving percutaneous stimulation for neuro- muscular blocks. Should have a percutaneous monopolar / bipolar stimulating handle for localization of nerves without puncturing the nerve and which should be autoclavable. Should have selectable stimulation intensity ranging from 0-60 mA in steps 0.1mA. Stimulation impulse width from 0.3ms, 0.5ms and 1.0ms Should continuously measure and display actual current passing through the patient and selected current. Should have pause function to interrupt stimulation without delivering impulse test functions. Should allow switching between invasive and percutaneous nerve stimulations. Should automatically switch off with a acoustic warning if not operated over a period of 20mins. Should have full graphic LCD display for stimulation current, impulse pattern, pulse width, impulse amplitude. Should have analogue and digital display of selected current and actual current. Should have membrane touch pads for choosing stimulation function. Should be small (pocket size) and light weight. Should be supplied complete with- Adapter with extension cable, Percutaneous stimulating handle, Plexus Cannula with thin polymer insulation coating (Teflon coating not desirable) needles of sizes 22G, 24G, and 25G - 10 Numbers Each with varied length. 9 Volt rechargeable battery with charger back up of minimum 30 minutes. The system should be USA FDA / European CE approved. Warranty minimum two years. Company should do AMC and CMC as per government rules for next 8 years. Spare parts should be available for next 10 years from date of installation. Company should resolve problems/ complaints if any within 72 hours whenever communicated by the user. 	Anesthesiology												
PL - 36	High Vaccume Suction Machine	<ol style="list-style-type: none"> SUPR- TORRENT 32 LPM (Liters per Minute) Maintenance free Oil Free Aluminium Piston Cylinder No Lubrication Required. 2*2 Its capacity Poly Carbonate bottles. Foot Switch Provided along with the machine Oer Flow Protection Device Provided. One Extra Bacteria Filter Provided extra. Easily remoable Lids with Silicon Washers. 	ENT												

PL – 37	LED Surgical Light 4 Star Model	Dome Diameter : 610 mm. Lux Intensity (At 1 Meter)1,70,000 Lux No of LED – 36 Focus Diameter – 100 – 250 mm Colour Rendering Index – 93 RA Colour Temp. – 3200 – 5000 LED lite- 60,000 working hours. Focusing – yes Power consumption – 50 watts.	OBGY
PL – 39	E.C.G Machine	<ol style="list-style-type: none"> 1. It should be portable, light weight 2. The machine should be able to operate on AC mains (120-240 volts) 50-60Hz 3. It should have facility for auto measurement of parameters 4. The machine should be able to record all standard and chest leads with simultaneous acquisition of 12 leads on a single sheet of paper measuring 25-30 cm X 19321 cms on its own without help of another computer printer. 5. Should have auto power shut off facility when not in use 6. LCD display of ECG real time 3,6,6+6 channels 7. Full alphanumeric keyboard 8. Dual power supply : mains and rechargeable internal battery 9. Memory of the last ECG recording and printing of additional copies. 10. Time and date display facility has to be present with this eqpt. Unit should be provided with all standard accessories. 11. The battery back up of the machine should be of at least 2hrs/50 ECG to produce 	Prisoner Ward
PL – 40	Nerve Stimulator with Nerve Blocker	<ol style="list-style-type: none"> 1. Should have a current range from 0.1mA to 5 mA. 2. Should have a selectable stimulation intensity ranging from 0 -60 mA in steps of 0.1mA. Stimulation impulse width from 0.3 ms, 0.5 ms and 1.0 ms. 3. Should have a digital display for current. 4. Should have short stimulus pulse duration of 0.1ms. 5. Should have frequency range from 0.1 to 99Hz. 6. Should have able to monitor single twitch, train of four (TOF), PTC and DBC. 7. Should have integrated electrode cable with lead. 8. Should have a battery backup of minimum 30 minutes. 9. Should be supplied with 10 sets of insulated needles of sizes 22G, 23G, 24G, 25G, and 26G of varied lengths. 	Anesthesiology
PL - 41	Refridgerator	Capacity :- 190 lit. Smart Inverter Compressor Fast cooling No need of Stablizer Manual defreezing.	TB & CHEST
PL - 42	Pneumatic Torniquet	Cuff pressure range 10 to 430 mmHg Pressure regulation \pm 10 mm hg of set point Online setting increase and decrease in pressure settings on jump of ten. Timer Range from 9 hrs to 59 minutes, decrement mode from set value. Internal least count One minute, Internal 1/1000 second Memory pressure set in earlier session is stored and displayed, when machine is switched ON again Pressure regulation maintains set pressure under leak conditions. Backup 3 hours battery backup (on full charge) Switchover Automatic switchover from mains to battery mode.	Orthopedics

		<p>Power 230 v (AC)/50Hz ± 10 % stabilizer inbuilt Digital display digital display of time elapsed, set time, actual and set pressure Cuffs Different sizes of 5 cuffs-washable & easy fitting (pediatric, small, medium, big & large). Flush instantaneous inflate & Deflate. Body plastic Alarm Activation along with display indication for the following After set time is over, it will show t.Ou. Only once it will show P.Hi, when pressure goes 25 mm above set pressure. Only once it will show P.Lo, when Pressure goes 25 mm below set pressure. In Battery mode , when battery voltage reaches 9V, it will show bat. Lo.</p>																																											
PL – 43	E.C.G. Machine	<table border="1"> <tr> <td>Lead Selection</td> <td>Standard 12 Leads</td> </tr> <tr> <td>CMMR</td> <td>Greater than 120db</td> </tr> <tr> <td>Input Impedance</td> <td>50 M Ω</td> </tr> <tr> <td>Frequency Response</td> <td>0.05 to 100 Hz (-3db) 0.5 to 30 Hz Filtered</td> </tr> <tr> <td>Time Constant</td> <td>Better than 3.2 Seconds</td> </tr> <tr> <td>A/D Conversion</td> <td>10 Bit</td> </tr> <tr> <td>Noise</td> <td>± ½ LSB</td> </tr> <tr> <td>Leakage current</td> <td>Patient <5 m A Chassis < 100 mA</td> </tr> <tr> <td>Recording Mode</td> <td>Automatic mode & Manual Mode</td> </tr> <tr> <td>Recording Device</td> <td>Electronic Thermal Array Printer</td> </tr> <tr> <td>Recordings Length (Automatic Mode)</td> <td>2 sec./Lead (Factory Set)</td> </tr> <tr> <td>Recording Paper</td> <td>Thermal Paper Roll 50 mm x 30 mtr (chemical coated High Sensitivity)</td> </tr> <tr> <td>Sensitivity</td> <td>5,10,20 mm/mv</td> </tr> <tr> <td>Recording Speed</td> <td>25 mm/sec., 50 mm/sec</td> </tr> <tr> <td>Recording Track</td> <td>Single channel automatic trace centering & single sensitivity</td> </tr> <tr> <td>Printout</td> <td>ECG Trace, Gain, Paper Speed, Lead Marking and Calibration Pulse</td> </tr> <tr> <td>Power supply</td> <td>230 VAC/50 Hz(Factory set)9.5 VDC Rechargeable Battery</td> </tr> <tr> <td>Operation Temperature</td> <td>0 to 95 % RH(non-Condensing)</td> </tr> <tr> <td>Safety Standard</td> <td>According to IEC601-1</td> </tr> <tr> <td>Weight</td> <td>1.5kg (with Battery)</td> </tr> <tr> <td>Dimension</td> <td>6½(W)x10¼(L)x2¾(H)</td> </tr> </table>	Lead Selection	Standard 12 Leads	CMMR	Greater than 120db	Input Impedance	50 M Ω	Frequency Response	0.05 to 100 Hz (-3db) 0.5 to 30 Hz Filtered	Time Constant	Better than 3.2 Seconds	A/D Conversion	10 Bit	Noise	± ½ LSB	Leakage current	Patient <5 m A Chassis < 100 mA	Recording Mode	Automatic mode & Manual Mode	Recording Device	Electronic Thermal Array Printer	Recordings Length (Automatic Mode)	2 sec./Lead (Factory Set)	Recording Paper	Thermal Paper Roll 50 mm x 30 mtr (chemical coated High Sensitivity)	Sensitivity	5,10,20 mm/mv	Recording Speed	25 mm/sec., 50 mm/sec	Recording Track	Single channel automatic trace centering & single sensitivity	Printout	ECG Trace, Gain, Paper Speed, Lead Marking and Calibration Pulse	Power supply	230 VAC/50 Hz(Factory set)9.5 VDC Rechargeable Battery	Operation Temperature	0 to 95 % RH(non-Condensing)	Safety Standard	According to IEC601-1	Weight	1.5kg (with Battery)	Dimension	6½(W)x10¼(L)x2¾(H)	Orthopedics
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**Sd/-
Dean,
Chhatrapati Pramilaraje General Hospital,
Kolhapur.**

Copy for publishing on office website

Dr. Sudesh Gandham, President Website Development Committee And
Professor and Head, Dept. Of P.S.M., C.P.R. Hospital, Kolhapur.

TERMS AND CONDITIONS

1	Quotation	All rights are reserved by The Dean, C.P.R. General Hospital, Kolhapur to reject any or all quotations without assigning any reason.
2	Security Deposit :	The successful supplier will have to pay a security deposit of an amount equivalent to 5% of the cost of the equipment offered in one of the following form. a) Bank guarantee valid for ten years issued by any Nationalized bank in concurrence with the Reserve Bank of India, Mumbai. b) National Saving Certificate, national Defense Certificate or Postal Saving Certificate pledged in the name of the Dean, Chhatrapati Pramila Raje General Hospital, Kolhapur” payable at Kolhapur. for a period of ten years .
3	Delivery Period :	The delivery of goods should invariably be made with in 6 To 8 weeks for indigenous terms and 8 To 12 weeks for imported items, from the date of confirm order. If the date of delivery cannot be strictly adhered to, then extension required by the quotation should be stated in the bid. No excuses for delay by any statutory like custom etc. will be taken into consideration for extension of the period of delivery. The primary responsibility for supply of goods in time will rest with the supplier.
4	Penalty on late delivery :-	In the event of the late delivery of goods, the buyer will recover from supplier by way penalty, a sum equal to half percent (1/2%) of price of the goods (subject to maximum 5%) delivered late per week calculated from the next day after the agreed delivery period is over.
5	Warranty Period :-	The warranty period shall be for Two years from the date of commissioning of all equipments supplied as certified by the consignee.
6	Warranty Contents:-	Clearly mention the items which are covered under warranty and which are not covered under warranty, if not mentioned separately; it will be treated as whole machinery including all accessories etc. is covered under warranty .
7	Warranty Extension :	The successful quotation must ensure 100% uptime during warranty period in case of down time, warranty period will be extended for period of down time. The quotation will have to give Bank Guarantee (of Nationalized bank) of 5% of ordered value valid for 02 years towards performance guarantee for warranty. If the equipment is not attended within 24 hours for Kolhapur and 48 hours for Other Places . The supplier will be liable to pay a penalty of 0.05% of purchase cost per day of delay. Such penalty shall be recovered from the amount of bank guarantee. Certificate of such uptime / downtime shall be issued by the end user. Which shall be binding for the supplier. Replacement of parts and service thereof due to manufacturing defects during warranty period will be entirely at the supplier’s cost. The expenditure incurred for procurement of space, transport, installation, commissioning and various duties there of shall be borne by the supplier.
8	Annual Maintenance Contract / Comprehensive Maintenance Contract :-	The supplier will have to agree to enter into a annual maintenance contract (AMC) @ 1% of the ordered value of the equipment or will have to agree for comprehensive maintenance (CMC) inclusive of all spares @ 5% of the ordered value of the equipment. The period of such AMC / CMC will be of 8 years after completion of warranty period, In case of non-compliance of AMC/CMC the supplier will be liable to pay a penalty. Such penalty shall be recovered from the amount of bank guarantee. Payment for AMC/CMC on yearly basis will be made by the user institution, at the end of year after satisfactory performance report from the end user
9	Payment :	Initial payment of 90% of the contract value will be made on delivery and successful installation. Remaining 10 % of the contract value will be paid only on satisfactory commissioning of the machinery for minimum period of 30 days and after all documentary compliance. Payment is subject to availability of grants.
10	Rates :	The rates quoted must be in Indian Rupees. The rates quoted should be inclusive of excise duty, GST, Transportation, Insurance, packing and forwarding and Fittings and Installation charges etc.. Rates should be within the market rate limits and should not be more than M.R.P. at any circumstances. At any stage of the quotation process even

		after completing the process if it is found that the rates mentioned are more than the M.R.P., the supplier is responsible for refund the difference with interest to this office.
11	Specification :	Quoted Machinery should be as per the specification mentioned above chart.
12	GEM Product :	If any product is available on G.E.M. Portal, then quotation procedure for such product will be treated as cancelled.
13	Attachments: (Must be attached in the sequential order mentioned.) (All the annexures must be printed on A-4 Size Paper)	<p>Attach with Sealed Envelope.</p> <p>1) Annexure – A (Satisfactory Demonstration Report signed and issued by H.O.D., user department) Must be attached with quotation envelope externally. Quotation submitted without “Annexure A” will not be accepted. Office will not pay any type charges for demonstration purpose, all expenditure will be born by supplier only.</p> <p>Submit in Sealed Envelope : (Use Separate Envelope for each equipment.)</p> <p>2) Annexure – B (Acceptance letter of all terms and conditions duly signed and stamped by the supplier on suppliers letter head.)</p> <p>3) Annexure – C (Quotation On Given Format duly stamped and signed by Authorised Signatory) (Amount should be quoted only for demonstrated Machinery / Equipment mentioned in Annexure - A)</p> <p>4) GST Clearance / Exemption Certificate,</p> <p>5) Authorisation Letter from manufacturer for selling, after sales service and to enter in to agreement on behalf of manufacturer.</p> <p>6) Product Catalogue,</p> <p>7) I.S.O./ I.S.I. Certificate if applicable,</p> <p>8) Attested photo copies of PAN Card,</p> <p>9) Registration Certificate (Shop Act License, Company Reg. Certificate etc.)</p>
14	Submission	Quotation should be enrolled at Inward department and then submitted to Machinery and Equipment Store Department.
15	Superscript	Please superscript the envelope with "QUOTATION FOR _____ Machine / Equipment (Specification No. _____.)"

**Dean,
Chhatrapati Pramilaraje General
Hospital, Kolhapur.**

Annexure – A
(Don't insert in Quotation Envelope)

No. CPRGHK/_____ /2019-20

Department _____.

Chhatrapati Pramilaraje General Hospital,
Kolhapur

Date : ____ / ____ /2020

To, _____

M/s _____

Subject : Demonstration report of _____

Specification No. _____

Reference : Quotation published by Dean, C.P.R. Hospital, Kolhapur

No. CPRGHKK/STORE/MACHQC/1183/19-20 Date :30/01/2020

With reference to above mentioned subject, certified that

Point No.	Particulars
1	M/s _____ has given demonstration for _____ _____ Machine / Equipment (Specification No. _____). Demonstrated machine Model No. : _____ on date ____ / ____ /2019 Demonstrated machine is complying with our required specifications. Hence, Allowed to submit the quotation.
2	Demonstration Not required for this equipment / machine. Hence, allowed to submit the quotation.

As per point No. _____ mentioned above, this department is agreed for further necessary procedure.

Professor And H.O.D.
Stamp

Annexure – B
(Insert in Quotation Envelope)
(On Suppliers Letterhead)

Terms & Condition Acceptance Certificate

Ref :-

Date :-

To,

The Dean,
Chhatrapati Pramilaraje General Hospital,
Kolhapur.

Subject : Acceptance of all terms and conditions.

Ref:- Quotation Call No. CPRGHKK/STORE/MACHQC/1183/19-20

Date : 30/01/2020

Respected Sir,

I / We the undersigned have examined the above mentioned Quotation Call document and I /We have read all the terms and conditions of the quotation carefully and I/We agree to abide by them.

If our quotation is accepted, we undertake to supply the goods & perform the services as mentioned in Quotation Call Document in Accordance with the delivery schedule.

I/We further understand that you are not bound to accept the lowest or any quotation you may receive against your quotation enquiry.

I/We confirm that we fully agree to the terms & conditions specified in above mentioned Tender Enquiry document including Amendment /Corrigendum if any.

_____ is covered under warranty clause and
_____ is not covered under warranty caluse.

Sign & Office Seal of the Supplier

Annexure – C

(Insert in Quotation Envelope)
(On Suppliers Letterhead)
(Price Quotation)

To,
The Dean,
Chhatrapati Pramilaraje
General Hospital, Kolhapur

Respected Sir,

We are giving our lowest possible rates for the bellow mentioned Equipment.

Specification No.	Particulars	Rate Per Unit In INR
	<u>NAME OF EQUIPMENT AS MENTIONED IN QUOTATION CALL LETTER</u> ----- -----	
	<u>Add. : GST % :</u>	
	<u>Add. : Any Other Taxes (If any) :</u>	
	<u>Grand Total :</u> (Inclusive of All Taxes, Duties, Installation and Delivery at site, Fitting and Fixtures etc.)	
<u>Total Amount in Words (INR): (In CAPITAL Letters)</u> _____ _____		

Note :

- 1) Variation in Amount in Figure and Amount in word will be treated as falsy quotation and it will be cancelled without any notice.
- 2) Do not over write the figures and amount in words.
- 3) Only original form given by this office will be accepted (Quotation made on letter head will not be accepted.)
- 4) Certified that the above mentioned price of the goods to be supplied is not more than the M.R.P. of the said goods.