

ANNEXURE - A


DESIGN AND SPECIFICATIONS/DESCRIPTION FOR THE PROJECT

The Entire structure will be designed for appropriate Seismic Zone of the location.

The Structure will be of MS Steel with aluminium section with glass windows and partition boards.

The structural details are as follows:

- (i) Eight Blocks comprising of about 45000 sqft:
 - Block 1: Receptions, OPD, Emergency/Triage- beds, Pharmacy, Pathology and screening, Office, etc
 - Block 2: ICU-1 and Dialysis
 - Block 3: Residential Block for Doctors accommodation
 - Block 4: Service block for Canteen, Kitchen, Laundry , Store Etc
 - Block 5: HDU- 1
 - Block 6: HDU-2
 - Block 7 : ICU-2
 - Block 8 :. PICU & Isolation / Private Rooms
- (ii) Global to make provision for concrete/bituminous parking lot, waiting shed for drivers and attendants near the parking lot and a Welcome gate by the road approaching the Acute Care Hospital.
- (iii) Steel structures with aluminium section with glass windows and Composite outside walls. Partition walls of Glass / Calcium Silicate Board / PVC Board


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ANNEXURE - B

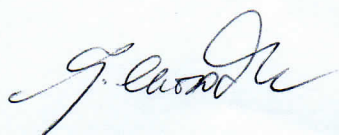
MEDICAL EQUIPMENTS AND OTHER EQUIPMENTS

Sl No	Equipments	Place of Installation	Qty	Specification
1	STRETCHER TROLLEY	EMERGENCY	4	Size: 71L x 22W x 32H inch, Frame work made of Tubular M.S Pipe with S.S handle, Swing Away type Safety Side Railing, Adjustable I.V Road, Utility Tray, Cylinder Cage Foam Padded top, Trolley mount on 15 cmsDia castors-Two with Brakes, Finish: Pretreated& Epoxy Powder Coated
2	DIALYSIS BED	DIALYSIS	4	Four Pieces Individual Side-Rails, Abs Molded With Angle Indicator, Abs Removal And Inter Changeable Foot Panel. Upper Framework And Lower Frame Work Made-Up Of CRCA M.S Tubes (60Mm X40Mmx1.6Mm). 4 Section Top Made Up Of Oval Perforated Crca Ms Sheet (1.25Mm). All Material Should Be Crca Sheet (Square Gagauge 1.25Mm -2.5Mm). Bed Mounted On 5" Pill Ss Telescopic Iv Rod With 4 Loctions Holder For Urine Bag, Finish:- Pretreated& Pure Polyester Powder Coating With 8-Tank Process (Itshould Be 60-90 Micron), Overall Approx. Size:- 2100mm (L) X 1000Mm (W) X 500-800Mm (H),
3	HEMO DIALYSIS MACHINE	DIALYSIS	4	The structure of the machine should be of modular design, Control & Monitoring Screen with minimum 10" coloured TFT/LCD Display (Screen), Display should have screen with high clarity & easily readable, Acetate & Bicarbonate dialysis facility, Sequential Ultra filtration facility, Arterial Venous & Transmembrane pressure monitoring facility, Blood pump flow rate should be from 30 ml/min to 600 ml/min, Single Needle dialysis facility, Volumetric Ultrafiltration System.
4	PATIENT MONITORING DEVICE	DIALYSIS	4	10" or above TFT display with 7 waveforms 7 Hrs Battery Back up 5 Parameters : ECG, Resp, NBP, SpO2, Temp. ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
5	INSTRUMENT TROLLEY	DIALYSIS	4	INSTRUMENT Trolley with two S.S Shelves, Frame made of stainless steel Mounted on five 7.5 cm. swivel castors. Wholly made of 304G stainless steel. Size: (39L x 14W X 34H) cms.
6	ELECTRIC NEEDLE BURNER	DIALYSIS	2	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
7	CARDIC / OVER BED TABLE	DIALYSIS	4	Size: 42"L x 16"W x 39"H, Tubular frame work mounted on 5 cms castors, Fixed Membrane press ABS top, Finish: Pre-treated and Epoxy powder Coated
8	BED SIDE LOCKER	DIALYSIS	4	Size: 410L X 410W X 810mm, ABS Top, with one door and a drawer, made by using machine pressed CRCA sheet, which is

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Sl No	Equipments	Place of Installation	Qty	Specification
				enclosed on their three sides, 4nos castors, Finish: Pre-treated and Epoxy powder coated
9	NEBULIZER MACHINE	DIALYSIS	2	Treatment time 5 to 7 min Maximum pressure 44 PSI Maximum flow rate 9.4 l/min Operating flow rate 7 LPM @ 10 psi Mode of operation 30 min. on/30 min. Off Nebulization capacity 8 ml MMAD 80% <lt/> 5 microns
10	DIGITAL WEIGHING SCALE	DIALYSIS	1	Digital Weight Machine, that provides accurate weight measurements in kilograms up to 150 Kg, +/- 100 grm fraction.
11	LARYNGOSCOPE ADULT	DIALYSIS	2	Four Bladed conventional Laryngoscope, made of 304G SS.
12	SUCTION MACHINE	DIALYSIS	1	Housing: Complete ABS (Plastic), Jars: Polycarbonate 2 x 2.0 liters capacity, Overflow Protection: Mechanical Type. Tubing: Non-Collapsible suction tubing. Vacuum Gauge: 3.0inch, 0-760 mm Hg.; Filter: Bacterial filter Autoclavable / Reusable. Pump Type: Oil free twin headed piston pump. Capacity: -710mmHg ± 10 at 32~35LPM. Noise Level: <50dB A ± 3 Almost whispers. Motor: Thermally Protected. Power: 220/230V AC, 50Hz ,130W. Valves: Stainless Steel.
13	PORTABLE IV STAND	DIALYSIS	4	Stainless steel tubular constructor. Five legs MS crusting base with 50mm dia. Castors. S.S double hook IV rod. Adjustable height.
14	ICU BED	EMERGENCY	3	Four Pieces Individual Side-Rails, Abs Molded With Angle Indicator, Abs Removal And Inter Changeable Foot Panel. Upper Framework And Lower Frame Work Made-Up Of CRCA M.S Tubes (60Mm X40Mmx1.6Mm). 4 Section Top Made Up Of Oval Perforated Crca Ms Sheet (1.25Mm). All Material Should Be Crca Sheet (Square Gagauge 1.25Mm -2.5Mm). Bed Mounted On 5" Pill Ss Telescopic Iv Rod With 4 Loctions Holder For Urine Bag, Finish:- Pretreated& Pure Polyester Powder Coating With 8-Tank Process (Itshould Be 60-90 Micron), Overall Approx. Size:- 2100Mm (L) X 1000Mm (W) X 500-800Mm (H),
15	CRASH CART	EMERGENCY	1	Dimension : 37 Lx 19W x 60H inch. S.S tubular frame. Standard Six removable plastic bins and two polystyrene lockable storage units with three drawers each. Four swivel Castors, 150mm dia. (Two with Brakes.), Complete with corner buffers, oxygen cylinder holders' IV Rods', cardiac massage board and electric lamp.
16	INSTRUMENT TROLLEY	EMERGENCY	3	INSTRUMENT Trolley with two S.S Shelves, Frame made of stainless steel Mounted on five 7.5 cm. swivel castors. Wholly made of 304G stainless steel. Size: (39L x 14W X 34H) cms.

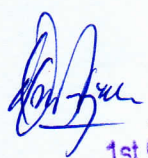

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Sl No	Equipments	Place of Installation	Qty	Specification
17	ECG MACHINE	EMERGENCY	1	Ergonomic look and simple layout enable R12 to achieve user's satisfaction: · 8-inch LCD screen with 800*400 high resolution · Frosted membrane keyboard. Typing and editing can be as easy and comfortable as using a computer · Optional touch bars for users with different operating preferences · Built-in thermal printer and external USB printer supported. To be compatible for API based intrigration.
18	ELECTRIC NEEDLE BURNER	EMERGENCY	1	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
19	WEIGHING MACHINE	EMERGENCY	1	Digital Weight Machine, that provides accurate weight measurements in kilograms up to 150 Kg, +/- 500 gm fraction.
20	EMERGENCY RECOVERY TROLLEY (GURNEY)	EMERGENCY	1	Dimension 83L x 26W inch, Two section top with removable X-ray permeable stretcher, made of pre-laminated board supported on tubular frame. Height, Trendlenburg / Reverse Trendlenburg positions obtained by crank mecha -nism with foldable handles.Four Swivel 5" castors with two brakes.Pre-treated & Epoxy Power Coated finish.
21	EXAMINATION LIGHT	EMERGENCY	2	LED Light: 40,000 hours, Field Diameter: 200mm, Focus Adjustment: Fixed, No.Of LED: 15 LED, Dome Diameter: 80mm, Temperature: 2degree
22	PATIENT MONITORING DEVICE	EMERGENCY	4	10"or above TFT display with 7 waveforms 7 Hrs Battery Back up 5 Parameters : ECG, Resp, NBP, SpO2, Temp. ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
23	DEFIBRILLATOR	EMERGENCY	1	With a 4-in-1 integrated design (manual defibrillation, AED, pacing, and monitoring modes), the durable and light-weightedPower on in 2 seconds · Charge to 200J in 3 seconds · ECG recovery in only 2.5 seconds
24	WHEEL CHAIR	EMERGENCY	6	M.S Chrome plated & Both Side Hand Operated, 8" Castor with breaks, Seat & Back Rest – Folding Washable, Seat Width – 16" & 18", Arm rest – Fixed & Foot Rest – adjustable, Load Capacity – 100kg
25	WHEEL CHAIR (DELUX)	EMERGENCY	2	M.S Chrome plated & Both Side Hand Operated, 8" Castor with breaks, Seat & Back Rest – Folding Washable, Seat Width – 16" & 18", Arm rest – Fixed & Foot Rest – adjustable, Load Capacity – 120kg
26	BED SIDE LOCKER	EMERGENCY	3	Size: 410L X 410W X 810mm, ABS Top, with one door and a drawer, made by using machine pressed CRCA sheet, which is


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Sl No	Equipments	Place of Installation	Qty	Specification
				enclosed on their three sides, 4nos castors, Finish: Pre-treated and Epoxy powder coated
27	NEBULIZER MACHINE	EMERGENCY	2	Treatment time 5 to 7 min Maximum pressure 44 PSI Maximum flow rate 9.4 l/min Operating flow rate 7 LPM @ 10 psi Mode of operation 30 min. on/30 min. Off Nebulization capacity 8 ml MMAD 80% <lt/> 5 microns
28	SOILED LINEN TROLLEY WITH CANVAS	EMERGENCY	2	Frame work of CRC tube mounted on 10cms castor, Superior quality canvas bag, Pre-treated and Epoxy power coated finish
29	BOWL STAND	EMERGENCY	2	Bowl Stand (With Bowl) are fabricated by optimum quality stainless steel and mild steel, with the easy movement, the stand is attached with the 50mm castor wheels.
30	X-RAY VIEW BOX DOUBLE	EMERGENCY	1	Double Plate LED View Box Dimension : 880x503x29mm Brightness : >5000 LU
31	OXYGEN REGULATOR WITH FLOW METER	EMERGENCY	1	Standard model
32	LARYNGOSCOPE ADULT	EMERGENCY	1	Four Bladed conventional Laryngoscope, made of 304G SS.
33	LARYNGOSCOPE PED	EMERGENCY	1	Double Blade conventional Laryngoscope, made of 304G SS
34	IOL TYPE CYLINDER TROLLEY	EMERGENCY	2	Mobile on two fixed 10 cm. Castors. Pretreated, Epoxy coated finish, for B type cylinder.
35	ABG MACHINE WITH PRINTER	EMERGENCY	1	On reagent rental.
36	SUCTION MACHINE	EMERGENCY	1	Housing: Complete ABS (Plastic), Jars: Polycarbonate 2 x 2.0 liters capacity, Overflow Protection: Mechanical Type. Tubing: Non-Collapsible suction tubing. Vacuum Gauge: 3.0inch, 0-760 mm Hg.; Filter: Bacterial filter Autoclavable / Reusable. Pump Type: Oil free twin headed piston pump. Capacity: -710mmHg \pm 10 at 32~35LPM. Noise Level: <50dB A \pm 3 Almost whispers. Motor: Thermally Protected. Power: 220/230V AC, 50Hz ,130W. Valves: Stainless Steel.
37	PORTABLE IV STAND	EMERGENCY	3	Stainless steel tubular constructor. Five legs MS crusting base with 50mm dia. Castors. S.S double hook IV rod. Adjustable height.
38	FULL FOWLER BED	HDU	88	Two pieces individual detachable side-rails, stainless steel, Heavy ABS Molded Head and Foot Panel with locking and corner buffer,

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SI No	Equipments	Place of Installation	Qty	Specification
				Framework Made-up of M.S Tubes, 4 Section top made-up of Oval perforated CRCA M.S. Sheet, Bed Mounted on 5" castors, 2 with brakes, S.S Telescope I.V Rod with 4 locations, Finish: Pre-treated & Epoxy Powder Coated, Size: 82L X 35W X 24-31H inch.
39	OVER BED TABLE	HDU	88	Rectangular frame work mounted on 5 cm castor, ABS top adjustable by Pneumatic gas spring, Finish: Pre - treated and Epoxy Powder Coated
40	BED SIDE LOCKER	HDU	88	Size: 410L X 410W X 810mm, ABS Top, with one door and a drawer, made by using machine pressed CRCA sheet, which is enclosed on their three sides, 4nos castors, Finish: Pre-treated and Epoxy powder coated
41	CRASH CART	HDU	3	Overall Approx. Size: 37 Lx 19W x 60H inch. S.S tubular frame. Six removable plastic bins and two polystyrene lockable storage units with three drawers each. Four swivel Castors, 150mm dia. (Two with Brakes.), Complete with corner buffers, oxygen cylinder holders' IV Rods', cardiac massage board and electric lamp.
42	INSTRUMENT TROLLEY	HDU	6	INSTRUMENT Trolley with two S.S Shelves, Frame made of stainless steel Mounted on five 7.5 cm. swivel castors. Wholly made of 304G stainless steel. Size: (39L x 14W X 34H) cms.
43	ELECTRIC NEEDLE BURNER	HDU	2	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
44	NEBULIZER MACHINE	HDU	4	Treatment time 5 to 7 min Maximum pressure 44 PSI Maximum flow rate 9.4 l/min Operating flow rate 7 LPM @ 10 psi Mode of operation 30 min. on/30 min. Off Nebulization capacity 8 ml MMAD 80% <lt/> 5 microns
45	ECG MACHINE	HDU	2	Ergonomic look and simple layout enable R12 to achieve user's satisfaction: · 8-inch LCD screen with 800*400 high resolution · Frosted membrane keyboard. Typing and editing can be as easy and comfortable as using a computer · Optional touch bars for users with different operating preferences · Built-in thermal printer and external USB printer supported.
46	PATIENT MONITORING DEVICE	HDU	88	10" or above TFT display with 7 waveforms 7 Hrs Battery Back up 5 Parameters : ECG, Resp, NBP, SpO2, Temp. ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff


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SI No	Equipments	Place of Installation	Qty	Specification
47	SYRINGE PUMP	HDU	88	2.5 " LCD Monochrome display 1. Mode: Rate Mode 2. Flow rate: 0.1 ml to 1500 ml/ Hr
48	BOWL STAND	HDU	10	Bowl Stand (With Bowl) are fabricated by optimum quality stainless steel and mild steel, with the easy movement, the stand is attached with the 50mm castor wheels.
49	X-RAY VIEW BOX DOUBLE	HDU	4	Double Plate LED View Box Dimension : 880x503x29mm Brightness : >5,000 LU
50	SOILED LINEN TROLLEY WITH CANVAS	HDU	4	Frame work of CRC tube mounted on 10cms castor, Superior quality canvas bag, Pre-treated and Epoxy power coated finish
51	SUCTION MACHINE	HDU	2	Housing: Complete ABS (Plastic), Jars: Polycarbonate 2 x 2.0 liters capacity, Overflow Protection: Mechanical Type. Tubing: Non-Collapsible suction tubing. Vacuum Gauge: 3.0inch, 0-760 mm Hg.; Filter: Bacterial filter Autoclavable / Reusable. Pump Type: Oil free twin headed piston pump. Capacity: -710mmHg \pm 10 at 32~35LPM. Noise Level: <50dB A \pm 3 Almost whispers. Motor: Thermally Protected. Power: 220/230V AC, 50Hz, 130W. Valves: Stainless Steel.
52	PORTABLE IV STAND	HDU	54	Stainless steel tubular constructor. Five legs MS crusting base with 50mm dia. Castors. S.S double hook IV rod. Adjustable height.
53	DEFIBRILLATOR	HDU	2	With a 4-in-1 integrated design (manual defibrillation, AED, pacing, and monitoring modes), the durable and light-weightedPower on in 2 seconds · Charge to 200J in 3 seconds · ECG recovery in only 2.5 seconds
54	INFUSION PUMP	HDU	2	2.4 " LCD Monochrome display 1 Mode: Rate Mode 2. Flow rate: 0.1 ml to 600 ml/ hr, Open System.
55	DRESSING TROLLEY	HDU	6	Wholly made of stainless steel Two S.S Shelves, Covered with Three Sides Rails Provide with S.S.Bowls& Buckets Mounted on Four 100mm. castors. two with breaks Shelf. Size: 40L X 20W X 35H inch
56	MEDICINE TROLLEY	HDU	4	Medicine trolley made of full SS with SS shelves and one SS sliding Drawer IN bottom along with 6 ABS Lockable Drawer. 4" Imported Castors with two brakes. Size: 30L x 18W x 32H inch
57	FOOT STEP DOUBLE	HDU	25	Frame made of 25 mm square tube, lapping with 1mm CRCA sheet, Step Height: 225mm (H), Support with 25 mm square tube, 25 mm slotted alum strip raised at the top in two row, Mounted on rubber shoe. Dimensions: 460mm (L) x 230mm (W) x 450mm (H)
58	Pulse Generator (TPM)	ICU	6	Standard dual chamber.

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	Machine)			
59	ICU BED	ICU	84	Four Pieces Individual Side-Rails, Abs Molded With Angle Indicator, Abs Removal And Inter Changeable Foot Panel. Upper Framework And Lower Frame Work Made-Up Of CRCA M.S Tubes (60Mm X40Mmx1.6Mm). 4 Section Top Made Up Of Oval Perforated Crca Ms Sheet (1.25Mm). All Material Should Be Crca Sheet (Square Gagauge 1.25Mm -2.5Mm). Bed Mounted On 5" Pill Ss Telescopic Iv Rod With 4 Loctions Holder For Urine Bag, Finish:- Pretreated& Pure Polyester Powder Coating With 8-Tank Process (Itshould Be 60-90 Micron), Overall Approx. Size:- 2100Mm (L) X 1000Mm (W) X 500-800Mm (H),
60	OVER BED TABLE	ICU	84	Rectangular frame work mounted on 5 cm castor, ABS top adjustable by Pneumatic gas spring, Finish: Pre - treated and Epoxy Powder Coated
61	BED SIDE LOCKER	ICU	84	Size: 410L X 410W X 810mm, ABS Top, with one door and a drawer, made by using machine pressed CRCA sheet, which is enclosed on their three sides, 4nos castors, Finish: Pre-treated and Epoxy powder coated
62	SYRINGE PUMP	ICU	126	2.5 " LCD Monochrome display 1. Mode: Rate Mode 2. Flow rate: 0.1 ml to 1500 ml/ Hr
63	CRASH CART	ICU	4	Overall Approx. Size: 37 Lx 19W x 60H inch. S.S tubular frame. Six removable plastic bins and two polystyrene lockable storage units with three drawers each. Four swivel Castors, 150mm dia. (Two with Brakes.), Complete with corner buffers, oxygen cylinder holders' IV Rods', cardiac massage board and electric lamp.
64	INSTRUMENT TROLLEY	ICU	8	INSTRUMENT Trolley with two S.S Shelves, Frame made of stainless steel Mounted on five 7.5 cm. swivel castors. Wholly made of 304G stainless steel. Size: (39L x 14W X 34H) cms.
65	ELECTRIC NEEDLE BURNER	ICU	6	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
66	BOWL STAND	ICU	8	Bowl Stand (With Bowl) are fabricated by optimum quality stainless steel and mild steel, with the easy movement, the stand is attached with the 50mm castor wheels.
67	FOOT STEP DOUBLE	ICU	10	Frame made of 25 mm square tube,lapping with 1mm CRCA sheet, Step Height: 225mm (H), Support with 25 mm square tube, 25 mm slotted alum strip raised at the top in two row, Mounted on rubber shoe. Dimensions: 460mm (L) x 230mm (W) x 450mm (H)
68	SOILED LINEN TROLLEY WITH	ICU	6	Frame work of CRC tube mounted on 10cms castor, Superior quality canvas bag, Pre-treated and Epoxy power coated finish

SI No	Equipments	Place of Installation	Qty	Specification
	CANVAS			
69	NEBULIZER MACHINE	ICU	6	Treatment time 5 to 7 min Maximum pressure 44 PSI Maximum flow rate 9.4 l/min Operating flow rate 7 LPM @ 10 psi Mode of operation 30 min. on/30 min. Off Nebulization capacity 8 ml MMAD 80% <lt/> 5 microns
70	ECG MACHINE	ICU	2	Ergonomic look and simple layout enable R12 to achieve user's satisfaction: · 8-inch LCD screen with 800*400 high resolution · Frosted membrane keyboard. Typing and editing can be as easy and comfortable as using a computer · Optional touch bars for users with different operating preferences · Built-in thermal printer and external USB printer supported.
71	VENTILATOR	ICU	16	Ped-Adult Critical Care smart Ventilator turbine based, Compact yet powerful state-of-the-art ventilator that's simple to configure, easy to operate, and versatile in use. It treats pediatric and adult patients with all acuity levels at ICUs and Intermediate Care. WOB (Work Of Breathing); RSBI (Respiratory Shallow Breathing Index); PEEPi(Intrinsic PEEP); NIF(Negative Inspiratory Force); Suction, API integratable. Standard accessories Disposable breathing circuit (Adult) O2 hoses 3M,UK,NIST-2 Supporting arm Power cord (India) Trolley
72	PORTABLE VENTILATOR	ICU	1	
73	BIPAP MACHINE	ICU	15	7" x 5.5" x 4" , starting ramp - 4 to EPAP min, Pressure range - EPAP 4 to 25cm H2O; IPAP 4 to 25 cm H2O; CPAP 4 to 25 cm H2O, Flex pressure relief - 0 to 30 (s-Mode), Breath rate - 0 to 30 beats per minute.
74	PATIENT MONITORING DEVICE	ICU	80	10" or above TFT display with 7 waveforms 7 Hrs Battery Back up 5 Parameters : ECG, Resp, NBP, SpO2, Temp. ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
75	PATIENT MONITOR 7PARA	ICU	2	10" or above TFT display with 8 waveforms 8 Hrs Battery Back up 7 Parameters : ECG, Resp, NBP, SpO2, Temp & X2 ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult

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SI No	Equipments	Place of Installation	Qty	Specification
				3. NBP Adult cable with cuff
76	PATIENT MONITOR 7PARAM(1BP)	ICU	2	10" or above" TFT display with 8 waveforms 8 Hrs Battery Back up 7 Parameters : ECG, Resp, NBP, SpO2, Temp & X2 ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
77	X-RAY VIEW BOX DOUBLE	ICU	4	Double Plate LED View Box Dimension : 880x503x29mm Brightness : >10,000 LU
78	LARYNGOSCOPE ADULT	ICU	8	Four Bladed conventional Laryngoscope, made of 304G SS.
79	WHEEL CHAIR	ICU	12	M.S Chrome plated & Both Side Hand Operated, 8" Castor with breaks, Seat & Back Rest – Folding Washable, Seat Width – 16" & 18", Arm rest – Fixed & Foot Rest – adjustable, Load Capacity – 100kg
80	SUCTION MACHINE	ICU	2	Housing: Complete ABS (Plastic), Jars: Polycarbonate 2 x 2.0 liters capacity, Overflow Protection: Mechanical Type. Tubing: Non-Collapsible suction tubing. Vacuum Gauge: 3.0inch, 0-760 mm Hg.; Filter: Bacterial filter Autoclavable / Reusable. Pump Type: Oil free twin headed piston pump. Capacity: -710mmHg ± 10 at 32~35LPM. Noise Level: <50dB A ± 3 Almost whispers. Motor: Thermally Protected. Power: 220/230V AC, 50Hz ,130W. Valves: Stainless Steel.
81	PORTABLE IV STAND	ICU	70	Stainless steel tubular constructor. Five legs MS crusting base with 50mm dia. Castors. S.S double hook IV rod. Adjustable height.
82	DEFIBRILLATOR	ICU	4	With a 4-in-1 integrated design (manual defibrillation, AED, pacing, and monitoring modes), the durable and light-weightedPower on in 2 seconds · Charge to 200J in 3 seconds · ECG recovery in only 2.5 seconds
83	INFUSION PUMP	ICU	6	2.4 " LCD Monochrome display 1 Mode: Rate Mode 2. Flow rate: 0.1 ml to 600 ml/ hr, Open System.
84	DRESSING TROLLEY	ICU	6	Wholly made of stainless steel Two S.S Shelves, Covered with Three Sides Rails Provide with S.S.Bowls& Buckets Mounted on Four 100mm. castors. two with breaks Shelf. Size: 40L X 20W X 35H inch
85	MEDICINE TROLLEY	ICU	6	Medicine trolley made of full SS with SS shelves and one SS sliding Drawer IN bottom along with 6 ABS Lockable Drawer. 4" Imported Castors with two brakes. Size: 30L x 18W x 32H inch

SI No	Equipments	Place of Installation	Qty	Specification
86	LITMUSMX OPD VERSION	OPD	5	
87	WEIGHING MACHINE WITH HEIGHT SCALE	OPD	6	Digital Weight Machine, that provides accurate weight measurements in kilograms up to 150 Kg, +/- 100 grm fraction.
88	EXAMINATION COUCH	OPD	5	Size: 72L X 20W X 32H inch, Body frame work made of 18G CRCA Sheet backrest, adjustable on gas spring, 3 Drawers, 3 Cabinets, One 6P apparatus
89	ELECTROLYTE ANALYZER	PATHOLOGY	1	
90	SEMI AUTO ANALYSER	PATHOLOGY	1	
91	AUTO ANALYSER	PATHOLOGY	1	
92	CELL COUNTER 3 Part	PATHOLOGY	1	
93	MICROPLATE READER	PATHOLOGY	1	
94	MICROPLATE WASHER	PATHOLOGY	1	
95	ELECTRIC NEEDLE BURNER	PATHOLOGY	1	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
96	REVOLVING STOOL	PATHOLOGY	3	Four legs, S.S toppretreated epoxy coated finish, Ht: 18-39inch (Screw Adj.) S.S Top Dia: 30 CM
97	CENTRIFUGE(16 Tube)	PATHOLOGY	1	
98	CENTRIFUGE(6 Tube)	PATHOLOGY	1	
99	PHOTOCHEM COLORIMETER(8 FILTER)	PATHOLOGY	1	
100	MICROSCOPE	PATHOLOGY	1	
101	NEEDLE BURNER	PATHOLOGY	1	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
102	AUTOCLAVE 10*12	PATHOLOGY	1	
103	BLOOD MIXER	PATHOLOGY	1	

Sl No	Equipments	Place of Installation	Qty	Specification
104	ELECTRICAL DIGITAL BALANCE	PATHOLOGY	1	
105	D DIMER	PATHOLOGY	1	
106	X-RAY MACHINE (300) with Table	RADIOLOGY	1	1 The high power R/F system should have high frequency (50000 pulses or more) inverter type generator. 2. 32kW High voltage generator with inverter frequency and Maximum output of 32kW. 3. Radiographic kV range : 40-125 kV. 4. Maximum mA : 300mA or higher. 5. Radiographic exposure time range : 5msec to 1 Sec. 6. LED readout for exposure parameter display. 7. Microprocessor controlled with automatic exposure control. 8. Two point radiographic technique – Selection of kV and mAs only. 9. Automatic setting of optimal digital radiography parameters from fluoroscopy parameters (kV, mAs). 10. Last technique parameters re-call.
107	C-ARM MACHINE	RADIOLOGY	1	Frequency Generator : 2.5-3.5 KW Frequency :50-250 KHz kVp range : 40 - 110 mA in radiography : 0.65 to 25.69 mA in fluoroscopy : 12-17 mA Cooling rate : 25000 - 48500 HU/Min Orbital Movement : -40 DGREE TO +90 DGREE (130) Swivel range : ±12.5° Approval : FDA,European-C, AERB Single HD Monitor 19" or above.
108	PORTABLE X-RAY (100)	RADIOLOGY	1	OUTPUT kV RANGE :40 kV - 110 kV In steps of 1 kV MAXIMUM mA : 100mA MAXIMUM mAs : 0.1 mAs to 250 mAs TIMER RANGE IN SECONDS :0.01s TO 5.00s FOCAL SPOT : 1.8mm IEC GENERATOR : 200 KHz DC GENERATOR COMPLETELY UPGRADABLE TO DR SYSTEM AERB APPROVED
109	CR-SYSTEM PRINTER	RADIOLOGY	1	Single Plate Reading, Sampling Pixel Pitch: 100, 50 microns Image resolution: 10 pixels/mm & 20 pixels/mm Grayscale Resolution: Data acquisition: 20 bits/pixel, Output to processor: 16 bits/pixel Scanning Time : 33-43 Second IP/hour : 65-75
110	FOOT STEP DOUBLE	RADIOLOGY	1	Frame made of 25 mm square tube,lapping with 1mm CRCA sheet, Step Height: 225mm (H), Support with 25 mm square tube, 25 mm slotted alum strip raised at the top in two row, Mounted on rubber shoe. Dimensions: 460mm (L) x 230mm (W) x 450mm (H)



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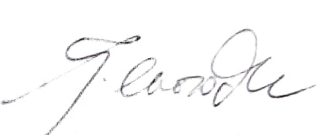


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Sl No	Equipments	Place of Installation	Qty	Specification
111	INSTRUMENT TROLLEY	RADIOLOGY	1	INSTRUMENT Trolley with two S.S Shelves, Frame made of stainless steel Mounted on five 7.5 cm. swivel castors. Wholly made of 304G stainless steel. Size: (39L x 14W X 34H) cms.
112	X-RAY VIEW BOX DOUBLE	RADIOLOGY	1	Double Plate LED View Box Dimension : 880x503x29mm Brightness : >10,000 LU
113	LEAD APRON with Thyroid Shield	RADIOLOGY	5	Standard model in two size.
114	CT SCAN	RADIOLOGY	1	16-slice acquisition. A wide range of clinical applications. 0.75 or 1.5mm slices per rotation in less than 20 seconds. Small diagnostic detail for acquisition. 105-millisecond temporal resolution for a clear depiction of blood vessels.
115	USG MACHINE	USG	1	Height adjustable with 19" LCD with 4 Probes inclusive of Cardiac Probe
116	3 SEATER WAITING AREA CHAIR	WAITING AREA	10	Perforated sheet, Galvanized arm rest, Chrome plated finish.
117	ICU BED	PICU/ISOLATION-PVT. WARD	28	Four Pieces Individual Side-Rails, Abs Molded With Angle Indicator, Abs Removal And Inter Changeable Foot Panel. Upper Framework And Lower Frame Work Made-Up Of CRCA M.S Tubes (60Mm X40Mmx1.6Mm). 4 Section Top Made Up Of Oval Perforated Crca Ms Sheet (1.25Mm). All Material Should Be Crca Sheet (Square Gauge 1.25Mm -2.5Mm). Bed Mounted On 5" Pill Ss Telescopic Iv Rod With 4 Locks Holder For Urine Bag, Finish:- Pretreated& Pure Polyester Powder Coating With 8-Tank Process (It should Be 60-90 Micron), Overall Approx. Size:- 2100Mm (L) X 1000Mm (W) X 500-800Mm (H),
118	OVER BED TABLE	PICU	28	Rectangular frame work mounted on 5 cm castor, ABS top adjustable by Pneumatic gas spring, Finish: Pre - treated and Epoxy Powder Coated
119	BED SIDE LOCKER	PICU	28	Size: 410L X 410W X 810mm, ABS Top, with one door and a drawer, made by using machine pressed CRCA sheet, which is enclosed on their three sides, 4nos castors, Finish: Pre-treated and Epoxy powder coated
120	SYRINGE PUMP	PICU	30	2.5" LCD Monochrome display 1. Mode: Rate Mode 2. Flow rate: 0.1 ml to 1500 ml/ Hr
121	CRASH CART	PICU	2	Overall Approx. Size: 37 Lx 19W x 60H inch. S.S tubular frame. Six removable plastic bins and two polystyrene lockable storage units with three drawers each. Four swivel Castors, 150mm dia. (Two with Brakes.), Complete with corner buffers, oxygen cylinder

SI No	Equipments	Place of Installation	Qty	Specification
				holders' IV Rods', cardiac massage board and electric lamp.
122	INSTRUMENT TROLLEY	PICU	4	INSTRUMENT Trolley with two S.S Shelves, Frame made of stainless steel Mounted on five 7.5 cm. swivel castors. Wholly made of 304G stainless steel. Size: (39L x 14W X 34H) cms.
123	ELECTRIC NEEDLE BURNER	PICU	4	Syringe & Needle Destroyer, two slot easy operation for destroying Needle & Syringe.. Needle burns electrically and syringe cuts manually. Size : 15.5 x 10.5 x 20.5 cm
124	BOWL STAND	PICU	4	Bowl Stand (With Bowl) are fabricated by optimum quality stainless steel and mild steel, with the easy movement, the stand is attached with the 50mm castor wheels.
125	FOOT STEP DOUBLE	PICU	8	Frame made of 25 mm square tube,lapping with 1mm CRCA sheet. Step Height: 225mm (H), Support with 25 mm square tube, 25 mm slotted alum strip raised at the top in two row, Mounted on rubber shoe. Dimensions: 460mm (L) x 230mm W) x 450mm (H)
126	SOILED LINEN TROLLEY WITH CANVAS	PICU	6	Frame work of CRC tube mounted on 10cms castor, Superior quality canvas bag, Pre-treated and Epoxy power coated finish
127	NEBULIZER MACHINE	PICU	5	Treatment time 5 to 7 min Maximum pressure 44 PSI Maximum flow rate 9.4 l/min Operating flow rate 7 LPM @ 10 psi Mode of operation 30 min. on/30 min. Off Nebulization capacity 8 ml MMAD 80% <lt/> 5 microns
128	ECG MACHINE	PICU	2	Ergonomic look and simple layout enable R12 to achieve user's satisfaction: · 8-inch LCD screen with 800*400 high resolution · Frosted membrane keyboard. Typing and editing can be as easy and comfortable as using a computer · Optional touch bars for users with different operating preferences · Built-in thermal printer and external USB printer supported.
129	VENTILATOR	PICU	4	Ped-Adult Critical Care smart Ventilator turbine based, Compact yet powerful state-of-the-art ventilator that's simple to configure, easy to operate, and versatile in use. It treats pediatric and adult patients with all acuity levels at ICUs and Intermediate Care. WOB (Work Of Breathing); RSBI (Respiratory Shallow Breathing Index); PEEPi(Intrinsic PEEP); NIF(Negative Inspiratory Force); Suction, API integratable. Standard accessories Disposable breathing circuit (Adult) O2 hoses 3M,UK,NIST-2 Supporting arm Power cord (India)



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Sl No	Equipments	Place of Installation	Qty	Specification
				Trolley
130	BIPAP MACHINE	PICU	4	7" x 5.5" x 4" , starting ramp - 4 to EPAP min, Pressure range - EPAP 4 to 25cm H2O; IPAP 4 to 25 cm H2O; CPAP 4 to 25 cm H2O, Flex pressure relief - 0 to 30 (s-Mode), Breath rate - 0 to 30 beats per minute.
131	PATIENT MONITORING DEVICE	PICU	26	10" or above TFT display with 7 waveforms 7 Hrs Battery Back up 5 Parameters : ECG, Resp, NBP, SpO2, Temp. ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
132	PATIENT MONITOR 7PARA	PICU	1	10" or above TFT display with 8 waveforms 8 Hrs Battery Back up 7 Parameters : ECG, Resp, NBP, SpO2, Temp & X2 ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
133	PATIENT MONITOR 7PARA(IBP)	PICU	1	10" or above" TFT display with 8 waveforms 8 Hrs Battery Back up 7 Parameters : ECG, Resp, NBP, SpO2, Temp & X2 ACCESSORIES 1. 5 Lead ECG set 2. Finger Clip SpO2 sensor for Adult 3. NBP Adult cable with cuff
134	X-RAY VIEW BOX DOUBLE	PICU	2	Double Plate LED View Box Dimension : 880x503x29mm Brightness : >10,000 LU
135	LARYNGOSCOPE PED	PICU	3	Four Bladed conventional Laryngoscope, made of 304G SS.
136	WHEEL CHAIR	PICU	2	M.S Chrome plated & Both Side Hand Operated, 8" Castor with breaks, Seat & Back Rest – Folding Washable, Seat Width – 16" & 18", Arm rest – Fixed & Foot Rest – adjustable, Load Capacity – 100kg
137	SUCTION MACHINE	PICU	2	Housing: Complete ABS (Plastic), Jars: Polycarbonate 2 x 2.0 liters capacity, Overflow Protection: Mechanical Type. Tubing: Non-Collapsible suction tubing. Vacuum Gauge: 3.0inch, 0-760 mm Hg.; Filter: Bacterial filter Autoclavable / Reusable. Pump Type: Oil free twin headed piston pump. Capacity: -710mmHg ± 10 at 32~35LPM. Noise Level: <50dB A ± 3 Almost whispers. Motor: Thermally Protected. Power: 220/230V AC, 50Hz ,130W. Valves: Stainless Steel.
138	PORTABLE IV STAND	PICU	20	Stainless steel tubular constructor. Five legs MS crusting base with 50mm dia. Castors. S.S double hook IV rod. Adjustable height.


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SI No	Equipments	Place of Installation	Qty	Specification
139	IOL TYPE CYLINDER TROLLEY	PICU	8	Mobile on two fixed 10 cm. Castors. Pretreated, Epoxy coated finish, for B type cylinder.
140	DEFIBRILLATOR	PICU	1	With a 4-in-1 integrated design (manual defibrillation, AED, pacing, and monitoring modes), the durable and light-weightedPower on in 2 seconds · Charge to 200J in 3 seconds · ECG recovery in only 2.5 seconds
141	INFUSION PUMP	PICU	2	2.4 " LCD Monochrome display 1 Mode: Rate Mode 2. Flow rate: 0.1 ml to 600 ml/ hr, Open System.
142	DRESSING TROLLEY	PICU	2	Wholly made of stainless steel Two S.S Shelves, Covered with Three Sides Rails Provide with S.S.Bowls& Buckets Mounted on Four 100mm. castors. two with breaks Shelf. Size: 40L X 20W X 35H inch
143	MEDICINE TROLLEY	PICU	2	Medicine trolley made of full SS with SS shelves and one SS sliding Drawer IN bottom along with 6 ABS Lockable Drawer. 4"Imported Castors with two brakes. Size: 30L x 18W x 32H inch
144	VERTICAL AUTOCLAVE (198 Ltr)	CSSD	1	98 Litre Deluxe Stainless Steel Vertical Autoclave, Fitted with neoprene rubber gasket, All systems are hydraulically tested upto 40 psi as a safety measure, Autoclaves are fitted with standard accessories such as water level indicator, pressure gauge, steam release cock, spring loaded safety valve & heating element. Working Pressure- 5-20 PSI, Capacity -98 L, Load Capacity -4 kW, Voltage -220-230 V, Height -24 inch, Material -Stainless Steel, Diameter -18 inch
145	ARTERY FORCEP-ST 7"	ICU	33	Standard, 304 medical grade stainless steel
146	ARTERY FORCEP-CURVE 8"	ICU	15	Standard, 304 medical grade stainless steel
147	ARTERY FORCEP-CURVE 7"	ICU	22	Standard, 304 medical grade stainless steel
148	SPONGE HOLDER 8"	ICU	26	Standard, 304 medical grade stainless steel
149	NEEDLE HOLDER 7"	ICU	25	Standard, 304 medical grade stainless steel
150	DISSECTING FORCEP-T 6"	ICU	12	Standard, 304 medical grade stainless steel
151	DISSECTING FORCEP-NT 6"	ICU	12	Standard, 304 medical grade stainless steel
152	STICH CUTTING SCISSOR 8"	ICU	16	Standard, 304 medical grade stainless steel

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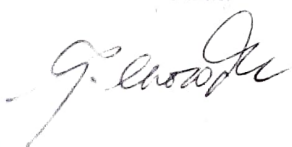
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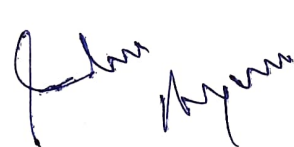
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Sl No	Equipments	Place of Installation	Qty	Specification
153	GALLIPOT 208X96X40MM	ICU	31	Standard, 304 medical grade stainless steel
154	KIDNEY DISH 10"	ICU	50	Standard, 304 medical grade stainless steel
155	KNIFE DISH	ICU	30	Standard, 304 medical grade stainless steel
156	TRAY WITH COVER 12 X11	ICU	51	Standard, 304 medical grade stainless steel
157	TRAY WITH COVER 14 X12	ICU	12	Standard, 304 medical grade stainless steel
158	SCISSOR CURVE 7"	ICU	5	Standard, 304 medical grade stainless steel
159	MOSQUITO FORCEP 6"	ICU	1	Standard, 304 medical grade stainless steel
160	TOWEL CLIP 6"	ICU	2	Standard, 304 medical grade stainless steel
161	PLAIN SCISSOR -ST 7"	ICU	9	Standard, 304 medical grade stainless steel
162	CHITTEL FORCEP	ICU	12	Standard, 304 medical grade stainless steel
163	SCISSOR PLAIN 7"	ICU	5	Standard, 304 medical grade stainless steel
164	STETHOSCOPE	ICU	20	Standard
165	DIAL TYPE BP APPARATUS	ICU	20	A sphygmomanometer, also known as a blood pressure meter, blood pressure monitor, or blood pressure gauge, is a device used to measure blood pressure, composed of an inflatable cuff to collapse and then release the artery under the cuff in a controlled manner,[1] and mechanical manometer to measure the pressure. It is always used in conjunction with a means to determine at what pressure blood flow is just starting, and at what pressure it is unimpeded.
166	FINGER TIP PULSE OXIMETERS	ICU	20	Pulse Oximeter is a portable equipment adopting advanced technology, it mainly checks SpO2 and PR value through the finger, which provides advanced, non-invasive and scientific means for quantitative measurement of oxygen saturation. It has Integrated SpO2 sensor and display module, Small in volume, light in weight and convenient in carrying, Easy to operate, low power consumption, SpO2 value display, Pulse rate value display, bar graph display, Pulse waveform display
167	OBSERVATION DESK	ICU	84	With two nos MS self and 1 nos MS drawer with MS top. Size -20L x 15W x 40H CM. Mounted on 4" dia castors fittings. Complete trolley made from MS tubular and MS sheet powder coated finish.


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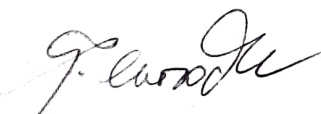
SI No	Equipments	Place of Installation	Qty	Specification
168	THREE FOLD BED SIDE SCREEN	ICU	50	Three fold screen with curtain. Pretreated epoxy finish. Overall size: 90W X 69H inch Castors dia 5cm

CAPITAL EQUIPMENT

SI No	Equipments	Place of Installation	Quantity	Specification
1	400 KVA TRANSFORMER With VCB PANEL	AS PER SERVICE PROVIDER	1	400KVA, 11KV/433V, 3PHASE, 50 HZ, DYN11, ONAN, IS 2026 COMPLIANT TRANSFORMER WITH COPPER WINDING, IMPEDANCE: 4%, IS: 335 COMPLIANT TRANSFORMER OIL.
2	82.5 KVA SILENT DG SET	SERVICE BLOCK	2	82.5KVA, 3 PHASE, 415V, 50HZ, DG SET WITH PF: 0.8, RPM: 1500, 4 CYLINDER, TURBOCHARGED, IP-23 PROTECTION, H-CLASS INSULATION
3	OIL COOLED VOLTAGE TRANSFORMER (AVR) 400KVA	SERVICE BLOCK	1	INPUT VOLTAGE RANGE 340 - 460 V. OUTPUT -425V. (+5%), 50HZ. OIL COOLED SERVO TYPE VOLTAGE STEABILIZER WITH BIPASS SYSTEM.
4	BATTERY & UPS 40KVA	SERVICE BLOCK	0	40 KVA, 50HZ, 415VOLT, PURE SINE WAVE UPS (3PHASE INPUT & 3PHASE OUTPUT), WITH ISOLATION TRANSFORMER AND SMF BATTERIES, ALL ACCESSORIES INCLUDING INTERCONNECTING CABLES, LUGS, BASE FRAMES, BATTERY RACK & BATTERY CIRCUIT BREAKER WITH MINIMUM 20-30MIN BATTERY BACK-UP ALONG WITH OTHER ACCESSORIES.
5	AIRCONDITIONING SYSTEM, HVAC	SERVICE BLOCK	1LS	ENERGY EFFICIENT AIRCONDITIONING SYSTEM, SHALL HAVE GREEN REF. GAS ONLY - R 134A/410A; CEILING SUSPENDED DUCTABLE TYPE, CASSETTE TYPE, HI- WALL TYPE VRF INDOOR UNITS. SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF FOLLOWING REFRIGERANT ALUMINUM FOIL PASTED NITRIL RUBBER INSULATION PIPING & INSULATION, REFRIGERANT 410A, 24 G GI DUCTING, DUCTING GRILL WITH VCD & DIFFUSER, DRAIN PVC PIPING WITH INSULATION.
6	AIRCONDITIONING SYSTEM, SPLIT	SERVICE BLOCK	1LS	SPLIT TYPE INDOOR AND OUTDOOR UNIT AS PER THE PSACE REQUIREMENT (1T/ 1.5T OR 2T) WITH REFRIGERANT INSULATED COPPER PIPE, DRAIN PIPE AND 4 OR 3 CORE

Sl No	Equipments	Place of Installation	Quantity	Specification
				ELECTRICAL CABLE.
7	PANEL(ELECTRIC)	SERVICE BLOCK	1	415V PANEL FOR DISTRIBUTION NORMAL / EMERGENCY POWER WITH MFM AND INTERNAL CABLING.
8	ELECTRICAL FITTING & FIXTURE	SERVICE BLOCK	1	LIGHT WITH FIXTURE: 12W CEILING MOUNTED LED LIGHT, 18/20W LED TUBE LIGHT, 9-12W LED BULB, 48" CEILING FAN, 9"/12"/18"/24" EXHAUST FAN, 15/25 LTR GEYSER, 100W LED FLOOD LIGHT WITH FITTING AND FIXTURE FOR AREA LIGHTING.
9	EARTHING	SERVICE BLOCK	20	GI PLATE ELECTRODE 600X600X6 / GI PIPE ELECTRODE OF 50MM DIA PRE CLAMPED WITH 10MTR. LENGTH HAVING PENCIL POINTED BOTTOM. GI FLAT OF 100X5, 50X5, 25X5 WILL BE USED AS PER REQUIREMENT. COPPER PLATE (600X600X3) EARTHING TO BE USED FOR CT SCAN ETC. WITH COPPER FLAT OF 50X3, 25X3 WILL BE USED AS PER REQUIREMENT. CHARCOAL, SALT AND BENTONITE WILL BE USED AS FILLER.
10	40 KLD STP/5KLD ETP	SERVICE BLOCK	1	A 40KLD STP AND A 5 KLD ETP WILL CONSIST OF BAR SCREED , DIFFUSERS, PUMPS LIKE CENTRIFUGAL PUMP, SLUDGE PUMP, SCREW PUMP DOSING PUMP OF CAPACITY 5 - 7LPH FOR OPERATION OF THE SYSTEM, IT WIL HAVE DUAL MEDIA FILTER, PRESSURE SAND FILTER AND ACTIVATED CARBON FILTER. THE SYSTEM WILL REQUIRE RCC TANKS AS PER REQUIREMENT.
11	DM & RO	SERVICE BLOCK	1	DM- 200 LPH + RO- 1000 LPH PLANT
12	OXYGEN GENERATOR 400 LPM	SERVICE BLOCK	1	AROUND 400 LPM AND AROUND 88 CYLINDER CAPACITY PSA/VSA TYPE
13	FIRE PUMP(30HP ELECTRIC) ELECTRICALI OPERATED	SERVICE BLOCK	2	30HP, 415V, 2850 LPM AS IS 3044
14	FIRE PUMP(10HP ELECTRIC)	SERVICE BLOCK	1	10HP, 415V, JOCKEY PUMP 10HP
15	FIRE ACCESSORIES & INSTALLATIONS WITH SPRINKLERS	SERVICE BLOCK	1	MS BLACK STEEL PIPE HEAVY CLASS CONFORMING TO IS : 1239/3589 INCLUDING ALL FITTINGS VIZ. ELBOWS, TEES, FLANGES, E.T.C. REDUCES, CLAMPS, MS SUPPORT DASH FASTENERS ETC. INCLUDING PAINTING THE PIPE WITH ONE COAT OF APPROVED RED OXIDE PRIMER AND TWO COATS OF APPROVED RED ENAMEL PAINT AND WELDED JOINTS COMPLETE WITH CUTTING AND MAKING GOOD THE WALLS, FLOORS OR ANY OTHER SURFACE


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SI No	Equipments	Place of Installation	Quantity	Specification
16	SMOKE DETECTION SYSTEMS	SERVICE BLOCK	1	ANALOG PHOTOELECTRIC SMOKE DETECTOR, TEMPERATURE DETECTOR WITH MOUNTING BASE COMPLETE AS REQUIRED.

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