

M.G.M. MEDICAL COLLEGE, INDORE

Annual Requirement of Kits, Chemicals, Consumables & other items for COVID 19 Testing.

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
1	Autoclavable Biohazard Bag, Large size, Dimension 483 x 584 cms	Bags should be Autoclavable at 121 degree C, Should be in 2 thickness of polypropylene, Printed with Biohazard warning symbol, Should fulfill M.P Pollution Control Board norms WITH INDICATOR LABELLED SIZE 2X2"	100/ pack	20 Packs		
2	Autoclavable Biohazard Bag, Medium size, Dimension 356 x 483 cms	Bags should be Autoclavable at 121 degree C, Should be in 2 thickness of polypropylene, Printed with Biohazard warning symbol, Should fulfill M.P Pollution Control Board norms WITH INDICATOR LABELLED SIZE 2X2"	100/ pack	20 Packs		
3	Autoclavable Biohazard Bag, Small size, Dimension 203 x 305 cms	Bags should be Autoclavable at 121 degree C, Should be in 2 thickness of polypropylene, Printed with Biohazard warning symbol, Should fulfill M.P Pollution Control Board norms WITH INDICATOR LABELLED SIZE 2X2"	100/ pack	20 Packs		
4	Autoclave Tape	Tape (18 mm width) to be used in high vacuum, high temperature steam autoclaves and other high temperature sterilisation system, colour change from white to visible brown/ black should take place on complete sterilisation through moist heat.	50 meter / pack	1 nos.		
5	Biological Indicator	For Autoclave with incubator, having Geobacillus thermophilus	each	50 nos.		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
6	Cryobox	Capacity 100 places/ for 100 tubes (2.5 ml), polypropylene, for storage of samples at minus 80 degree C / minus 20 degree C -hinges Type-	4/ pack	1000 Packs		
7	Cryogenic vials, 1.8 ml,	sterile, internal thread ,as per LATA - Self Standing RAW MATERIAL SHOULD BE USE FDA APPROVED	500 / pack	100 Packs		
8	Cryotags / Freezer labels for 1.5 ml- 2.0 ml Vials/ Tubes	Cryotags / Freezer labels, 1.5- 2.0 ml, ability to withstand cryogenic temperatures upto minus 80°C for a wide variety of plastic and glass vials, test tubes, cryogenic boxes and plates, should be available in rolls	1000 labels/ pack	50 Packs		
9	Disposable Conical Bottom Polypropylene (PP) tubes 15ml with seal caps.	15 ml Sterile, certified nonpyrogenic and DNase-/RNase-free, disposable conical bottom polypropylene (PP) tubes with seal caps. The tubes should have printed graduations and a large white marking spots WITHSTANDS UPTO 180000 FORCE (RCF/G)	500 / pack	10 Packs		
10	Disposable Conical Bottom Polypropylene (PP) tubes 50ml with seal caps.	50 ml Sterile, certified nonpyrogenic and DNase-/RNase-free, disposable conical bottom polypropylene (PP) tubes with seal caps. The tubes should have printed graduations and a large white marking spots WITHSTANDS UPTO 180000 FORCE (RCF/G)	500 / pack	10 Packs		
11	Disposable Head Cover/ Cap	Non-woven material	100 / pack	1000 Packs		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
12	Ethanol	99% Ethyl alcohol (Molecular Grade)	500 ml Bottle	2000 Bottles		
13	Face Shield (Reusable)	Made of clear fiber and provides good visibility to both the wearer and the patient. • Adjustable band to attach firmly around the head and fit snugly against the forehead. • Fog resistant (preferable). • Completely covers the sides and length of the face	Each	1000		
14	Disposable Face Shied	Made of clear plastic and provides good visibility to both the wearer and the patient. • Adjustable band to attach firmly around the head and fit snugly against the forehead. • Fog resistant (preferable). • Completely covers the sides and length of the face	Each	35000		
15	Filter Tips for 0.5-10 ul auto pipettes,	Sterile, low retention aerosol barrier tips, Racked filter tip in box format, 0.5 ul - 10 ul Universal Graduation, DNAase/ RNA ase free compatible With auto pipette- Gamma Sterile radiation procedure calidated ACCORDANCE TO EN-ISO11137-2 and filer porosity should be 0.13 micron	Rack (Each Rack Contains 96 Tips)	13000 Racks		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
16	Filter Tips for 100 ul -1000 ul auto pipette,	Sterile, low retention aerosol barrier tips, Racked filter tip in box format, 100 ul - 1000 ul Universal Graduation, DNAase/ RNAase free compatible With auto pipette- Gamma Sterile radiation procedure calidated ACCORDANCE TO EN-ISO11137-2 and filer porosity should be 0.13 micron	Rack (Each Rack Contains 96 Tips)	13000 Racks		
17	Filter Tips for 10-100 ul pipette,	Sterile, low retention aerosol barrier tips, Racked filter tip in box format, 10 ul - 100 ul Universal Graduation, DNAase/ RNAase free compatible With eppendrof pipette- Gamma Sterile radiation procedure calidated ACCORDANCE TO EN-ISO11137-2 and filer porosity should be 0.13 micron	Rack (Each Rack Contains 96 Tips)	13000 Racks		
18	Filter Tips for 2 ul to 20 ul auto pipette,	Sterile, low retention aerosol barrier tips, Racked filter tip in box, 2 ul - 20 ul Universal Graduation, DNAase/ RNAase free compatible With auto pipette- Gamma Sterile radiation procedure calidated ACCORDANCE TO EN-ISO11137-2 and filer porosity should be 0.13 micron	Rack (Each Rack Contains 96 Tips)	13000 Racks		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
19	Filter Tips for 20 ul to 200 ul auto pipette,	Sterile, low retention aerosol barrier tips, Racked filter tip in box format, 20 ul - 200 ul Universal Graduation, DNAase/ RNAase free compatible With auto pipette- Gamma Sterile radiation procedure calidated ACCORDANCE TO EN-ISO11137-2 and filer porosity should be 0.13 micron	Rack (Each Rack Contains 96 Tips)	13000 Racks		
20	Formaldehyde	Concentration 40%	5 ltrs/ Can	20 Cans		
21	Goggles (Reusable)	<ul style="list-style-type: none"> • With transparent glasses, zero power, well fitting, covered from all sides with elastic band/or adjustable holder. • Good seal with the skin of the face. • Flexible frame to easily fit all face contours without too much pressure. • Covers the eyes and the surrounding areas and accommodates for prescription glasses. • Fog and scratch resistant. • Adjustable band to secure firmly so as not to become loose during clinical activity. • Indirect venting to reduce fogging. • May be re-usable (provided appropriate arrangements for decontamination are in place) or disposable. • Quality compliant with the below standards, or equivalent. 	Each	1000		
22	Hand Sanitizer	Containing 70 - 80 % ethyl alcohol Alcohol Concentration	5 liter/ Can	200 Cans		
23	Isopropyl alcohol	70%	5 ltrs/ Can	60 Cans		
24	Latex Sterile Gloves	Size No. 6.5	50 Pairs Box	50 Boxes		
25	Latex Sterile Gloves	Size No. 7	50 Pairs Box	100 Boxes		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
26	Latex Sterile Gloves	Size No. 7.5	50 Pairs Box	50 Boxes		
27	Latex Sterile Gloves	Size No. 8	50 Pairs Box	50 Boxes		
28	Micro centrifuge Tube 1.5 ml,	Polypropylene tubes, resistance to chemicals, mechanical stress and temperature extremes, autoclavable, DNase, RNase/Endotoxin free with stands upto 20000G force. WITH LOW RETANTION PROPERTY	500 tubes/pack	2000 Packs		
29	Micro centrifuge Tube 2 ml,	Polypropylene tubes, resistance to chemicals, mechanical stress and temperature extremes, autoclavable, DNase, RNase/Endotoxin free with stands upto 20000G force. WITH LOW RETANTION PROPERTY	500 tubes/pack	1000 Packs		
30	Microcentrifuge tube rack	(24 tubes capacity) for 1.5ml / 2ml tube	5/ Pack	50 Packs		
31	Microcentrifuge tube rack	(96 tubes capacity) reversible one side for 1.5ml tube and other side with 0.2 ml PCR tubes	5 / pack	50 Packs		
32	RT-PCR Grade Water	RT-PCR Grade Water, specifically purified, double- distilled, deionized and autoclaved., The water does not contain detectable amounts of nucleic acid. It is routinely tested in PCR with conventional thermal cycler instrument., The water is specially tested and qualified for use in all PCR or RT PCTR..	25 X 1 ml/ pack	2000 Packs		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
33	Electronic pipette 01 μ L to 10 ml	Automatic electronic chargeble with memory function. Wide range of dispensing from 1 μ L to 10 ml . in multiple steps, Large illuminated color display.	Each	2		
34	Electronic pipette 01 μ L – 50 ml	Automatic electronic chargeble with memory function. Wide range of dispensing from 1 μ L to 50 ml. in multiple steps, Large illuminated color display.	Each	2		
35	Starter Kit for Electronic pipette 1 μ L to 10 mL	Pipette Crousal, Pipette holding stand, Pipette charger	Each	2		
36	Starter Kit for Electronic pipette 1 μ L to 50 mL	Pipette Crousal, Pipette holding stand, Pipette charger	Each	2		
37	Tips for electronic pipette 0.1 mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
38	Tips for electronic pipette 0.2mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
39	Tips for electronic pipette 0.5mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
40	Tips for electronic pipette 1mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
41	Tips for electronic pipette 2.5mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
42	Tips for electronic pipette 5mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
43	Tips for electronic pipette 10mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
44	Tips for electronic pipette 25mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		
45	Tips for electronic pipette 50 mL	Color Coded with appropriate purity to perform RT PCR	100/ pack	50 Packs		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
46	N-95 Mask (Large Size per fitting with Airseal Check)	<ul style="list-style-type: none"> • Shape that will not collapse easily. • High filtration efficiency. • Good breathability, with expiratory valve. • Quality compliant with standards for medical N95 respirator.a. NIOSH N95, EN 149 FFP2, or equivalent. • Fluid resistance: minimum 80 mmHg pressure based on ASTM F1862, ISO 22609, or equivalent. • Quality compliant with standards for particulate respirator that can be worn with fullface shield. 	Each	40000		
47	N-95 Mask (Medium Size as per fitting with Airseal Check)	<ul style="list-style-type: none"> • Shape that will not collapse easily. • High filtration efficiency. • Good breathability, with expiratory valve. • Quality compliant with standards for medical N95 respirator.a. NIOSH N95, EN 149 FFP2, or equivalent. • Fluid resistance: minimum 80 mmHg pressure based on ASTM F1862, ISO 22609, or equivalent. • Quality compliant with standards for particulate respirator that can be worn with fullface shield 	Each	25000		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
48	N-95 Mask (Small Size as per fitting with Airseal Check)	<ul style="list-style-type: none"> • Shape that will not collapse easily. • High filtration efficiency. • Good breathability, with expiratory valve. • Quality compliant with standards for medical N95 respirator.a. NIOSH N95, EN 149 FFP2, or equivalent. • Fluid resistance: minimum 80 mmHg pressure based on ASTM F1862, ISO 22609, or equivalent. • Quality compliant with standards for particulate respirator that can be worn with fullface shield 	Each	5000		
49	VTM Kits with Oropharyngeal	Synthetic Swabs with plastic sticks	50 tubes/ Pack	700 Packs		
50	12-channel Electronic chargable automated Pipette 0.5-10 µL, multifunction rocker switch for pipette tips	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
51	12-channel Electronic chargable automated Pipette 15-300 μ L, multifunction rocker switch for pipette tips	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		
52	12-channel Electronic chargable automated Pipette 5-100 μ L, multifunction rocker switch for pipette tips	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
53	8-channel Electronic chargable automated Pipette 0.5-10 μ L, multifunction rocker switch for pipette tips 20 μ L	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		
54	8-channel Electronic chargable automated Pipette 15-300 μ L, multifunction rocker switch for pipette tips	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
55	8-channel Electronic chargable automated Pipette 50-1200 µL, multifunction rocker switch for pipette tips	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		
56	8-channel Electronic chargable automated Pipette 5-100 µL, multifunction rocker switch for pipette tips	Piston should provide thermal, mechanical and chemical stability, Provision to rotate lower part at 360 degrees, Only one multifunction rocker for liquid aspiration & dispensing, Individual piston for all channels should automatically return Zero position when tip is ejected, Should have provision for removing individual channels (in multichannel pipette) to adjust the space between channels. Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
57	Single channel Electronic chargable Pipette 0.5-10 µL, multifunction rocker switch for pipette tips	Pipette piston with high resistance to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion. Spring loaded tip cone for perfect TIPS connection, Adjustable window for adjusting pipette to a specific liquid, Control button with very low operating force, Color indication for pipette volume. Serial number is printed on multiple components of the pipette, Without removing any parts, full pipette needs to withstand Autoclave sterilization at 121 °C for 20 mins., Minimum 3 year Warranty, Pipette should have advanced Radio-Frequency Identification device (RFID Chip) to enter all relevant data regarding the pipette (Serial no., Certificate of Conformity, article no. etc) Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
58	Single channel Electronic chargable Pipette 50-1000 µL, multifunction rocker switch for pipette tips	Pipette piston with high resistance to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion. Spring loaded tip cone for perfect TIPS connection, Adjustable window for adjusting pipette to a specific liquid, Control button with very low operating force, Color indication for pipette volume. Serial number is printed on multiple components of the pipette, Without removing any parts, full pipette needs to withstand Autoclave sterilization at 121 °C for 20 mins., Minimum 3 year Warranty, Pipette should have advanced Radio-Frequency Identification device (RFID Chip) to enter all relevant data regarding the pipette (Serial no., Certificate of Conformity, article no. etc) Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
59	Single-channel Electronic chargable Pipette 15-300 µL, multifunction rocker switch for pipette tips	Pipette piston with high resistance to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion. Spring loaded tip cone for perfect TIPS connection, Adjustable window for adjusting pipette to a specific liquid, Control button with very low operating force, Color indication for pipette volume. Serial number is printed on multiple components of the pipette, Without removing any parts, full pipette needs to withstand Autoclave sterilization at 121 °C for 20 mins., Minimum 3 year Warranty, Pipette should have advanced Radio-Frequency Identification device (RFID Chip) to enter all relevant data regarding the pipette (Serial no., Certificate of Conformity, article no. etc), Electronic Chargable.	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
60	Single channel Electronic chargable Pipette 5-100 μ L, multifunction rocker switch for pipette tips	Pipette piston with high resistance to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion. Spring loaded tip cone for perfect TIPS connection, Adjustable window for adjusting pipette to a specific liquid, Control button with very low operating force, Color indication for pipette volume. Serial number is printed on multiple components of the pipette, Without removing any parts, full pipette needs to withstand Autoclave sterilization at 121 °C for 20 mins., Minimum 3 year Warranty, Pipette should have advanced Radio-Frequency Identification device (RFID Chip) to enter all relevant data regarding the pipette (Serial no., Certificate of Conformity, article no. etc), Electronic Chargable.	Each	2		
61	Single Channel autopipette (Manual) 01-10 μ l	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	2		
62	Single Channel autopipette (Manual) 10-100 μ l	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	2		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
63	Single Channel autopipette (Manual) 05-50 µl	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	2		
64	Multichannel autopipette (Manual) 01-10 µl	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	6		
65	Multichannel autopipette (Manual) 05-50 µl	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	4		
66	Multichannel autopipette (Manual) 30-300 µl	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	4		
67	Multichannel autopipette (Manual) 100-1200 µl	Autoclavable, UV resistant, Chemical Resistent, should be provided with calibration certificate , ISO/ CE Approved	Each	4		
68	Micro Pipette Stand	Capacity 4 - 6 Places, Polypropyline, Durable, Skid resistant for Bio Safety Cabinete	Each	20		
69	Potassium Permanganate Crystal	Crystal form	500gm/ Pack	25 Packs		
70	Powder free Sterile Nitrile Gloves, Large size (7.5)	ISO 9001certified & FDA approved, CE Marked- EN455 & AQL 1.5, Should provide high degree of puncture and chemical resistance	100 / pack	1000 Packs		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
71	Powder free Sterile Nitrile Gloves, Small size (6.5)	ISO 9001certified & FDA approved, CE Marked- EN455 & AQL 1.5, Should provide high degree of puncture and chemical resistance	100 / pack	1000 Packs		
72	Powder free SterileNitrile Gloves, Medium size (7)	ISO 9001certified & FDA approved, CE Marked- EN455 & AQL 1.5, Should provide high degree of puncture and chemical resistance.	100 / pack	1500 Packs		
73	Red Bag with Biohazard sign,	Large size, Dimension 483 x 584 cms	100/ pack	10 Packs		
74	Red Bag with Biohazard sign,	Medium size, Dimension 356 x 483 cms	100/ pack	10 Packs		
75	Red Bag with Biohazard sign,	Small size, Dimension 203 x 305 cms	100/ pack	10 Packs		
76	RNase wipes,	Wipes for complete removal of RNase contamination from work surfaces, pipettes and equipments should be provided in towel format, should be stable at room temperature	100 wipes/ pack	100 Packs		
77	RNase/ DNase away Solution	Solution for complete removal of RNase/ DNase contamination from work surfaces, pipettes and equipments, should be stable at room temperature	500 ml/ Bottle	50 Bottles		
78	RT PCR kit for COVID-19 testing	Multiplex (Screening and confirmatory)	Each Test	1000000 Tests		
79	Screw Cap 2 ml tubes	Plastic tubes	500 / pack	500 Packs		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
80	Disposable Shoe Cover	<ul style="list-style-type: none"> Made up of the same fabric as of coverall Should cover the entire shoe and reach above ankles 	100/ Pack	700 Packs		
81	Sodium Hypochlorite	10%	50 Lit Can	400 Cans		
82	Sodium Hypochlorite	5%	50 Lit Can	400 Cans		
83	Sterile Pasteur pipettes, 3ml Capacity	Individually wrapped , raw Material US FDA Approved	50 / pack	500 Packs		
84	Surface & Air Disinfectant	Composition of (Each 100gram contains) g 1, 6, Dihydroxy 2, 5 – Dioxy hexane 11.2 (Chemically bound formaldehyde) Glutaraldehyde 5.0 Benzal konium chloride 5.0 Alkyl urea derivative 3.0	5 Ltrs/ Can	150 Cans		
85	Surgical Spirit	70% Ethyl Alcohol	5 Ltrs/ Can	150 Cans		
86	Stand for Auto pipettes	Capacity 04 Pipettes, made of Acrylic material	Each	15		
87	Test tube stand	Polypropylene, 3 tier, for keeping 15 ml VTM vials 50 ml Sterile Certified nonpyrogenic and Dnsae-/Rnase-free, disposable conical bottom polypropylene (PP) tubes with seal caps. The tubes should have printed graduayions and a large white marking spots	5 / pack	100 Packs		
88	Tissue Paper Roll	Length (25 Mtrs) x Width (approx 3-4 Inchs) x thickness (2 Ply)	Each	4000 Rolls		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
89	Triple Layer Mask	Three layered medical mask of non-woven material with nose piece, having filter efficiency of 99% for 3 micron particle size. Strings (Non Elastic)	100/ pack	500 Packs		
90	Yellow Bag with Biohazard sign,	Small size, Dimension 203 x 305 cms	100/ pack	200 Packs		
91	Yellow Red Bag with Biohazard sign,	Large size, Dimension 483 x 584 cms	100/ pack	400 Packs		
92	Yellow Red Bag with Biohazard sign,	Medium size, Dimension 356 x 483 cms	100/ pack	400 Packs		
93	Sharps Containers	As per BMW Guidelines for disposable of tips in the Biosafety Cabinates	Each	13000		
94	PPE Kit Large Size	<p>1.1 Gloves</p> <ul style="list-style-type: none"> • Nitrile • Non-sterile • Powder free • Outer gloves preferably reach mid-forearm (minimum 280 mm total length) • Different sizes (6.5 & 7) • Quality compliant with the below standards, or equivalent: <ul style="list-style-type: none"> a. EU standard directive 93/42/EEC Class I, EN 455 b. EU standard directive 89/686/EEC Category III, EN 374 c. ANSI/SEA 105-2011 d. ASTM D6319-10 <p>1.2 Coverall (medium and large)*</p>	Each	20000		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<ul style="list-style-type: none"> • Impermeable to blood and body fluids • Single use • Avoid culturally unacceptable colors e.g. black • Light colors are preferable to better detect possible contamination • Thumb/finger loops to anchor sleeves in place • Quality compliant with following standard <p>a. Meets or exceeds ISO 16603 class 3 exposure pressure, or equivalent</p> <p>1.3 Goggles</p> <ul style="list-style-type: none"> • With transparent glasses, zero power, well fitting, covered from all sides with elastic band/or adjustable holder. • Good seal with the skin of the face <ul style="list-style-type: none"> • Flexible frame to easily fit all face contours without too much pressure • Covers the eyes and the surrounding areas and accommodates for prescription glasses <ul style="list-style-type: none"> • Fog and scratch resistant • Adjustable band to secure firmly so as not to become loose during clinical activity • Indirect venting to reduce fogging 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<ul style="list-style-type: none"> • May be re-usable (provided appropriate arrangements for decontamination are in place) or disposable • Quality compliant with the below standards, or equivalent: <ul style="list-style-type: none"> a. EU standard directive 86/686/EEC, EN 166/2002 b. ANSI/SEA Z87.1-2010 <p>1.4. N-95 Masks</p> <ul style="list-style-type: none"> • Shape that will not collapse easily • High filtration efficiency • Good breathability, with expiratory valve • Quality compliant with standards for medical N95 respirator: <ul style="list-style-type: none"> a. NIOSH N95, EN 149 FFP2, or equivalent • Fluid resistance: minimum 80 mmHg pressure based on ASTM F1862, ISO 22609, or equivalent • Quality compliant with standards for particulate respirator that can be worn with fullface shield <p>1.5. Shoe Covers</p> <ul style="list-style-type: none"> • Made up of the same fabric as of coverall • Should cover the entire shoe and reach above ankles 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<p>1.6. Face Shield</p> <ul style="list-style-type: none"> • Made of clear plastic and provides good visibility to both the wearer and the patient • Adjustable band to attach firmly around the head and fit snugly against the forehead • Fog resistant (preferable) • Completely covers the sides and length of the face • May be re-usable (made of material which can be cleaned and disinfected) or disposable • Quality compliant with the below standards, or equivalent: <ul style="list-style-type: none"> a. EU standard directive 86/686/EEC, EN 166/2002 b. ANSI/SEA Z87.1-2010 <p>3. Triple Layer Medical Mask</p> <ul style="list-style-type: none"> • Three layered medical mask of non-woven material with nose piece, having filter efficiency of 99% for 3 micron particle size. <p>a. ISI specifications or equivalent</p> <p>4. Gloves</p> <ul style="list-style-type: none"> • Nitrile • Non-sterile • Powder free 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<ul style="list-style-type: none"> • Outer gloves preferably reach mid-forearm (minimum 280mm total length) • Different sizes (6.5 & 7) • Quality compliant with the below standards, or equivalent: <ol style="list-style-type: none"> 1. EU standard directive 93/42/EEC Class I, EN 455 2. EU standard directive 89/686/EEC Category III, EN 374 3. ANSI/SEA 105-2011 4. ASTM D6319-10 5. Body Bags - Specifications <ol style="list-style-type: none"> 1) Impermeable 2) Leak proof 3) Air sealed 4) Double sealed 5) Disposable 6) Opaque 7) White 8) U shape with Zip 9) 4/6 grips 10) Size: 2.2 x 1.2 Mts 11) Standards: <ol style="list-style-type: none"> a) ISO 16602:2007 b) ISO 16603:2004 c) ISO16604:2004 d) ISO/DIS 22611:2003 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<p>All items to be supplied need to be accompanied with certificate of analysis from national/ international organizations/labs indicating conformity to standards</p> <p>All items: Expiry 5 years</p> <p>* Due to scarcity of coveralls, and risk versus benefit, that as an emergency temporary measure in larger public interest, in present given circumstances, the fabric that cleared/passed 'Synthetic Blood Penetration Resistance Test' (ISO 16603) and the garment that passed 'Resistance to penetration by biologically contaminated solid particles (ISO 22612:2005) may be considered as the benchmark specification to manufacture Coveralls.' The Coveralls should be taped at the seams to prevent fluid/droplets/aerosol entry.</p> <p>The test for these two standards (ISO 16603 and ISO 22612:2005), which can be performed in Indian laboratories are as per WHO Disease Commodity Package (Version 4.0)</p>				
95	PPE Kit Medium Size	<p>1.1 Gloves</p> <ul style="list-style-type: none"> • Nitrile • Non-sterile • Powder free 	Each	20000		

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<ul style="list-style-type: none"> • Outer gloves preferably reach mid-forearm (minimum 280 mm total length) • Different sizes (6.5 & 7) • Quality compliant with the below standards, or equivalent: <ul style="list-style-type: none"> a. EU standard directive 93/42/EEC Class I, EN 455 b. EU standard directive 89/686/EEC Category III, EN 374 c. ANSI/SEA 105-2011 d. ASTM D6319-10 1.2 Coverall (medium and large)* <ul style="list-style-type: none"> • Impermeable to blood and body fluids • Single use • Avoid culturally unacceptable colors e.g. black • Light colors are preferable to better detect possible contamination • Thumb/finger loops to anchor sleeves in place • Quality compliant with following standard <ul style="list-style-type: none"> a. Meets or exceeds ISO 16603 class 3 exposure pressure, or equivalent 1.3 Goggles 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<ul style="list-style-type: none"> • With transparent glasses, zero power, well fitting, covered from all sides with elastic band/or adjustable holder. • Good seal with the skin of the face • Flexible frame to easily fit all face contours without too much pressure • Covers the eyes and the surrounding areas and accommodates for prescription glasses • Fog and scratch resistant • Adjustable band to secure firmly so as not to become loose during clinical activity • Indirect venting to reduce fogging • May be re-usable (provided appropriate arrangements for decontamination are in place) or disposable • Quality compliant with the below standards, or equivalent: <ul style="list-style-type: none"> a. EU standard directive 86/686/EEC, EN 166/2002 b. ANSI/SEA Z87.1-2010 1.4. N-95 Masks <ul style="list-style-type: none"> • Shape that will not collapse easily • High filtration efficiency • Good breathability, with expiratory valve 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<ul style="list-style-type: none"> • Quality compliant with standards for medical N95 respirator: <ul style="list-style-type: none"> a. NIOSH N95, EN 149 FFP2, or equivalent • Fluid resistance: minimum 80 mmHg pressure based on ASTM F1862, ISO 22609, or equivalent • Quality compliant with standards for particulate respirator that can be worn with fullface shield <p>1.5. Shoe Covers</p> <ul style="list-style-type: none"> • Made up of the same fabric as of coverall • Should cover the entire shoe and reach above ankles <p>1.6. Face Shield</p> <ul style="list-style-type: none"> • Made of clear plastic and provides good visibility to both the wearer and the patient • Adjustable band to attach firmly around the head and fit snugly against the forehead • Fog resistant (preferable) • Completely covers the sides and length of the face • May be re-usable (made of material which can be cleaned and disinfected) or disposable • Quality compliant with the below standards, or equivalent: 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<p>a. EU standard directive 86/686/EEC, EN 166/2002</p> <p>b. ANSI/SEA Z87.1-2010</p> <p>3. Triple Layer Medical Mask</p> <ul style="list-style-type: none"> • Three layered medical mask of non-woven material with nose piece, having filter efficiency of 99% for 3 micron particle size. <p>a. ISI specifications or equivalent</p> <p>4. Gloves</p> <ul style="list-style-type: none"> • Nitrile • Non-sterile • Powder free • Outer gloves preferably reach mid-forearm (minimum 280mm total length) • Different sizes (6.5 & 7) • Quality compliant with the below standards, or equivalent: <p>1. EU standard directive 93/42/EEC Class I, EN 455</p> <p>2. EU standard directive 89/686/EEC Category III, EN 374</p> <p>3. ANSI/SEA 105-2011</p> <p>4. ASTM D6319-10</p> <p>5. Body Bags - Specifications</p> <ol style="list-style-type: none"> 1) Impermeable 2) Leak proof 3) Air sealed 4) Double sealed 5) Disposable 				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<p>6) Opaque 7) White 8) U shape with Zip 9) 4/6 grips 10) Size: 2.2 x 1.2 Mts 11) Standards: a) ISO 16602:2007 b) ISO 16603:2004 c) ISO16604:2004 d) ISO/DIS 22611:2003</p> <p>All items to be supplied need to be accompanied with certificate of analysis from national/ international organizations/labs indicating conformity to standards All items: Expiry 5 years</p>				

Sr. No	Name of Items	Specifications	Unit (Per Pack Size)	Approx. Qty.	Unit Rate Rs. In Figure	Unit Rate Rs. In Words
		<p>* Due to scarcity of coveralls, and risk versus benefit, that as an emergency temporary measure in larger public interest, in present given circumstances, the fabric that cleared/passed 'Synthetic Blood Penetration Resistance Test' (ISO 16603) and the garment that passed 'Resistance to penetration by biologically contaminated solid particles (ISO 22612:2005) may be considered as the benchmark specification to manufacture Coveralls.' The Coveralls should be taped at the seams to prevent fluid/droplets/aerosol entry.</p> <p>The test for these two standards (ISO 16603 and ISO 22612:2005), which can be performed in Indian laboratories are as per WHO Disease Commodity Package (Version 4.0)</p>				