



ABSTRACT

Tamil Nadu Urban Health Care Project supported by Japan International Co-operation Agency (JICA) - Administrative and Financial sanction for a sum of Rs.327,96,77,690/- towards the provision of Medical Equipments to Three Tertiary care Hospitals at Government Kilpauk Medical College Hospital, Government Coimbatore Medical College Hospital and Government Rajaji Hospital, Madurai - Sanction - Orders -Issued.

Health and Family Welfare (EAP II-1) Department

G.O(Ms) No.54

Dated : 14.02.2022

Pilava, Maasi - 2

Thiruvalluvar Aandu 2053

Read:

1. G.O (Ms). No. 217, Health and Family Welfare department, dated 8.9.2016.
2. G.O(Ms). No. 214, Health and Family Welfare department, dated 12.06.2017
3. G.O (Ms). No. 576, Health and Family Welfare department, dated 30.12.2019
4. From the Project Director, Tamil Nadu Urban Healthcare Project, Lr.Ref:No.4723/TNUHP-E1/JICA/2017, dated: 12.01.2022.
5. From the Deputy Principal Election Officer (Municipalities), Tamil Nadu State Election Commission Letter RC.No.0756/2022/EE 1/MCC-76, dated: 12.02.2022.

ORDER:

In Government Order first read above, among others, the Government have accorded administrative sanction for the implementation of Tamil Nadu Urban Health Care Project components viz., Upgrading Tertiary Hospitals, Strengthening Referral and Secondary care Hospitals, Strengthening Hospital Management and Primary Health Care in Non-Communicable Diseases at a total cost of Rs.1634,69,50,000/- with the assistance of Japan International Co-operation Agency (JICA).

2. In Government Order second read above, the State Empowered Committee (SEC) for the Tamil Nadu Urban Health Care Project has been formed under the Chairmanship of the Chief Secretary to Government. In the said Government Order, the Government have further ordered that, the State Empowered Committee shall meet periodically at every six months and also shall meet in between six months based on the requirement. In urgency, the proposal can be circulated among the members and get approved. The decision of the State Empowered Committee shall be communicated as Government orders from the Health and Family Welfare department. The financial powers of the State Empowered Committee shall be upto Rs.5.00 crore for civil works, equipment and for services.

3. In Government Order third read above, among others, the Government have accorded administrative sanction for a sum of Rs.368,20,00,000/- towards construction of a Tower Blocks in Government Kilpauk Medical College Hospital, Government Coimbatore Medical College Hospital and Government Rajaji Hospital, Madurai. In the said Government Order the Government have also released a sum of Rs.100.00 Crore (Rupees One Hundred Crore Only) for the year 2019-20 for the above said constructions.

4. Now, the Project Director, Tamil Nadu Urban Health Care Project in his letter fourth read above, has stated that, it is proposed to provide modern medical equipment to the following three tertiary care hospitals where new buildings are being constructed and expected to be completed by end of December 2022 under component 1 of the Tamil Nadu Urban Health care Project (TNUHP) namely,

- i. Government Rajaji Hospital – Madurai
- ii. Kilpauk Medical College Hospital – Chennai
- iii. Coimbatore Medical College Hospital – Coimbatore.

5. The Project Director, Tamil Nadu Urban Health Care Project has further stated that, the procedure for claims approved and reimbursement by Japan International Co-operation Agency is too lengthy and time consuming. Hence the present proposal at this stage will be ideal, so that supply of equipment will be on par with civil work completion and hospital can be made functional immediately to the general public. She has also stated that, the building construction is progressing as per schedule and will be handed over at the end of December 2022. She has stated that, the Japan International Co-operation Agency India Office has approved the revised equipment list proposed for component 1-2 under the captioned project. In view of the above, the proposal for providing modern medical equipment to the three tertiary care hospitals at Government Rajaji Hospital, Madurai, Government Kilpauk Medical College Hospital, Chennai, and Government Coimbatore Medical College Hospital, Coimbatore was circulated to State Empowered Committee chaired by the Chief Secretary to the Government and the same was approved by State Empowered Committee on 11.01.2022. Hence, the Project Director, Tamil Nadu Urban Health Care Project has requested the Government to issue necessary orders in this regard.

6. The Government have examined the proposal of the Project Director, Tamil Nadu Urban Health Care Project in detail and accordingly, do and hereby issue the following orders:-

- i. The Project Director, Tamil Nadu Urban Healthcare Project is permitted to incur a non recurring expenditure of Rs.327,96,77,690/- (Rupees Three Hundred and twenty Seven crores ninety six lakhs seventy seven thousand six hundred and ninety only) towards the provision of modern medical equipments to the Three Tertiary care Hospitals at Government Rajaji Hospital - Madurai, Government Kilpauk Medical College Hospital -Chennai, and Government Coimbatore Medical College Hospital - Coimbatore through Tamil Nadu Medical Services Corporation Ltd., by following Japan International Co-operation Agency procurement guidelines as detailed below:-

a. Cost of Equipment: Rs.277,68,45,500/-

Sl. No.	Hospital	Cost of equipment (INR)
1	Government Rajaji Hospital Madurai	75,61,72,500
2	Government Kilpauk Medical College Hospital Chennai	111,70,48,000
3	Government Coimbatore Medical College Hospital, Coimbatore	90,36,25,000
	Total	277,68,45,500

b. Provision for GST@18% = Rs. 49,98,32,190/-

c. Advertisement Cost = Rs.30,00,000/-

- ii. The Project Director, Tamil Nadu Urban Healthcare Project is permitted to send 100% reimbursable claim to the tune of Rs.277.68 Crore to Japan International

Co-operation Agency after completion of procurement by Tamil Nadu Medical Services Corporation Ltd., as per G.O(Ms).No.217, Health and Family Welfare Department, dated 8.9.2016.

- iii. The Project Director, Tamil Nadu Urban Healthcare Project is permitted to transfer INR Rs.327,96,77,690/- (Rupees Three Hundred and twenty Seven crores ninety six lakhs seventy seven thousand six hundred and ninety only) to the Managing Director, Tamil Nadu Medical Services Corporation Ltd., towards the procurement of the equipments detailed in the annexure to this order as per Japan International Co-operation Agency procurement guidelines.
- iv. The Managing Director, Tamil Nadu Medical Services Corporation Ltd., is directed to procure the above equipment by following Japan International Co-operation Agency Procurement Guidelines and the bidding procedures and supply the equipment to the concerned institutions and to settle the account with the Project Director, Tamil Nadu Urban Healthcare Project on completion of the activity.
- v. The Project Director, Tamil Nadu Urban Healthcare Project is permitted to increase or decrease the number of equipment as per need within the overall non recurring cost sanctioned for this activity and to revise the technical specifications with the concurrence of Japan International Co-operation Agency if required.

7. The expenditure sanctioned in para 6 above shall be debited to the following head of account

“2210 Medical and Public Health – 01 – Urban Health Services – Allopathy – 110 – Hospitals and Dispensaries – Externally Aided Projects – PC Tamil Nadu Urban Healthcare Project – 319 Machinery Equipment - 01 Purchase”.

(DP CODE 2210 01 110 PC 31901)

8. This order issues with the concurrence of the Finance Department vide its U.O.No.5040/Health-II/2022, dated: 07.02.2022.

(BY ORDER OF THE GOVERNOR)

J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Project Director, Tamil Nadu Urban Health Care Project, Chennai - 6
The Managing Director, Tamil Nadu Medical Services Corporation Ltd., Chennai – 8
The Director of Medical Education, Chennai-10,
The Dean / Medical Superintendent, Government Medical College Hospital, Concerned.
(Through the Director of Medical Education, Chennai – 10)
The Accountant General, Chennai -18.
The Pay and Accounts Officer, Concerned.
The District Treasury Officer, Concerned

Copy to.

The Finance (Health-II) Department, Chennai-9
The Section Officer, Health and Family Welfare (Data Cell) department, Chennai-9.
Stock file/Spare copy.

//Forwarded by Order//

L.S. Vinn
14/2/2022
SECTION OFFICER

Annexure

G.O.(Ms)No.54, Health and Family Welfare (EAP II-1) department,

dated: 14.02.2022

**COMPONENT 1.2 - GOVERNMENT RAJAJI HOSPITAL MADURAI -
CONSOLIDATED DEPARTMENT-WISE MEDICAL EQUIPMENT LIST (Ver 12.1)**

S.No	Name of the Equipment	GRH	
		Qty	Total Price
	Anesthesia	731	25,05,72,500
1	Anaesthesia Machine (2 Gas System)	1	17,00,000
2	Anaesthesia Workstation (3 Gas System)	23	5,75,00,000
3	BIPAP	2	4,40,000
4	Fogger	9	1,08,000
5	Infusion Pump	147	67,62,000
6	Nerve Stimulator	3	3,00,000
7	Patient Monitor	19	36,10,000
8	Patient monitor with IBP, ETCO2, CO, BIS Module & AGM with slave monitor	3	66,00,000
9	Patient monitor with AGM	18	2,34,00,000
10	Patient monitor with AGM & BIS Module	2	32,50,000
11	Patient monitor with ETCO2 & IBP	89	6,23,00,000
12	Patient warmer	21	21,00,000
13	PCA Pump	7	8,75,000
14	Pulse Oximeter	37	38,85,000
15	Rapid infuser	5	75,00,000
16	Syringe pump	237	77,02,500
17	Syringe pump (stack) with 4 pumps	6	18,00,000
18	Transport Ventilators	3	18,30,000
19	Ultrasonic Nebuliser	30	10,50,000
20	Ultrasound machine (Nerve Block)	3	21,00,000
21	Vein finder	4	3,60,000
22	Ventilators	57	4,56,00,000
23	Video Laryngoscope (2 blades)	5	98,00,000
	Blood Bank	1	2,50,000
24	Blood bank refrigerator 300 L	1	2,50,000
	Cardiology	86	17,81,50,000
25	ACT (activated clotting time) machine	4	9,20,000
26	Angiography system - single plane	2	10,12,50,000
27	Defibrillator	36	1,00,80,000
28	Defibrillator with internal paddles (adult & paediatric)	3	12,00,000
29	ECG Machine	18	18,00,000
30	Electro physiology ablation system with simulator and mapper	1	65,00,000
31	IABP (Intra Aortic Balloon Pump)	3	78,00,000

32	Intra Vascular Ultrasound	1	44,00,000
33	Optical coherence tomography (OCT) with FFR	1	1,40,00,000
34	Rotablator	1	27,00,000
35	Stress test system (TMT)	1	11,00,000
36	Temporary dual chamber pacemakers	5	12,50,000
37	Temporary single chamber pacemakers	5	6,50,000
38	Ultrasound Machine for Cardiac Cath Lab with Echo Navigation (4D)	1	75,00,000
39	Ultrasound machine for Cardiology (4D Echo with TEE probe)	1	65,00,000
40	Ultrasound Machine for Cardiology ECHO & TEE probe (Mid end)	2	96,00,000
41	Ultrasound Machine with ECHO - Portable	1	9,00,000
	Cardiothoracic Surgery	16	3,36,30,000
42	Extra Corporeal Membrane Oxigenation (ECMO) Machine	1	30,00,000
43	Fibrillator	3	60,000
44	Heart Lung machine	3	2,52,00,000
45	Sternotomy saw(regular & oscillating) with driving unit	6	45,00,000
46	Suction machine for CTS	3	8,70,000
	ENT	12	4,26,00,000
47	Co2 Laser (for ENT)	1	1,80,00,000
48	Coablation surgery unit	2	16,00,000
49	Flexible Nasopharyngoscope with working Channel	1	5,00,000
50	High frequency jet ventilation	1	1,00,000
51	High speed power drill for ENT	2	34,00,000
52	Intra operative Nerve monitoring(ENT)	2	40,00,000
53	Nasal endoscopy complete set (Laproscope Unit set without insufflator) with micro laryngoscope set	1	60,00,000
54	Operating Microscope for ENT w/CCD Camera	2	90,00,000
	General Surgery	137	11,00,80,000
55	Binocular loupe (4X zoom)	2	4,40,000
56	Blood & Fluid warmer	29	37,70,000
57	Electrosurgical unit	20	90,00,000
58	Electrosurgical unit with vessel sealing	3	34,50,000
59	Hysteropump	2	16,00,000
60	Hysteroscope	2	24,00,000
61	Laparoscope and Laproscope Set (HD) with recording set	4	1,68,00,000
62	Lipo suction (set with accessories)	2	58,00,000

63	Operation table with hand surgery accessories	2	58,00,000
64	Operation table with lithotomy position accessories	10	2,60,00,000
65	Operation Table with standard accessories	11	2,64,00,000
66	Suction Apparatus	41	8,20,000
67	Surgical Head light (LED) with magnification loupe 4X	7	42,00,000
68	Ultrasonic scalpel Machine	2	36,00,000
	ICU	36	18,00,000
69	Examination LED Light	36	18,00,000
	Laboratory	16	53,75,000
70	ABG Machine	6	30,00,000
71	Centrifuge	2	1,00,000
72	Electrolyte analyser	1	4,50,000
73	HbA1C analyser	1	2,00,000
74	Microscope	2	2,00,000
75	Semi Autoanalyser	2	5,00,000
76	Cell counter	1	5,75,000
77	Elisa Reader and Washer	1	3,50,000
	Nephrology	4	37,00,000
78	CRRT machine	1	9,50,000
79	Haemodialysis machine	1	8,00,000
80	RO Plant (500 L)	1	4,50,000
81	SLED-F machine	1	15,00,000
	Orthopedic	2	10,00,000
82	Digital Pneumatic Tourniquet (Adult & paediatric)	2	10,00,000
	Plastic Reconst Surgery	8	3,36,00,000
83	Dermatome	2	28,00,000
84	Highend power drill for K-wire oscillating / sagittal saw	2	36,00,000
85	Operating Microscope for Plastic/Burns	2	2,64,00,000
86	Skin graft mesher	2	8,00,000
	Pulmonology	6	60,00,000
87	Bronchoscope Set, Rigid, Pediatric with optical Forceps	1	30,00,000
88	Intubating Fibreoptic bronchoscope with light source	5	30,00,000
	Radiodiagnosis	13	7,61,75,000
89	Analog Mobile X-ray	1	6,50,000
90	CR system with Printer	1	8,50,000
91	Digital Fluoroscope	1	1,40,00,000
92	Digital Mammography	1	1,15,00,000
93	Digital Mobile X-ray	3	1,35,00,000

94	Digital X Ray	2	1,30,00,000
95	PACS	1	1,14,25,000
96	Ultrasound Machine - Portable	1	6,50,000
97	Ultrasound machine for Radiology (Mid end)	1	48,00,000
98	Ultrasound Machine for Radiology with 4D Probe and Elastography (High end)	1	58,00,000
	SGE	3	82,00,000
99	Cavitron Ultrasonic Surgical Aspirator	2	62,00,000
100	TEG monitor	1	20,00,000
	Vascular Surgery	14	50,40,000
101	Diode Laser 470 nm	2	36,00,000
102	DVT Pump (Deep Vein Thrombosis)	8	6,40,000
103	Hand held vascular doppler	4	8,00,000
	Total	1,085	75,61,72,500

**COMPONENT 1.2 - GOVERNMENT KILPAUK MEDICAL COLLEGE HOSPITAL
CHENNAI**

CONSOLIDATED DEPARTMENT-WISE MEDICAL EQUIPMENT LIST (Ver 12.1)

S.No	Name of the Equipment	KMCH	
		Qty	Total Price
	Anesthesia	903	26,31,13,000
1	Anaesthesia Machine (2 Gas System)	3	51,00,000
2	Anaesthesia Workstation (3 Gas System)	13	3,25,00,000
3	BIPAP	2	4,40,000
4	Enteral feeding pump	12	9,60,000
5	Fogger	5	60,000
6	Infusion Pump	188	86,48,000
7	MRI Compatible anaesthesia workstation	1	39,00,000
8	MRI Compatible patient monitoring system (with adult & pedia spo2 probe)	1	27,00,000
9	Nerve Stimulator	2	2,00,000
10	Patient Monitor	28	53,20,000
11	Patient monitor with IBP, ETCO2, CO, BIS Module & AGM with slave monitor	1	22,00,000
12	Patient monitor with AGM	10	1,30,00,000
13	Patient monitor with AGM & BIS Module	3	48,75,000
14	Patient monitor with ETCO2 & IBP	108	7,56,00,000
15	Patient warmer	17	17,00,000
16	PCA Pump	8	10,00,000
17	Pulse Oximeter	51	53,55,000
18	Rapid infuser	5	75,00,000
19	Syringe pump	282	91,65,000
20	Syringe pump (stack) with 4 pumps	2	6,00,000
21	Transport Ventilators	6	36,60,000
22	Ultrasonic Nebuliser	60	21,00,000
23	Ultrasound machine (Nerve Block)	3	21,00,000
24	Vein finder	7	6,30,000
25	Ventilators	80	6,40,00,000
26	Video Laryngoscope (2 blades)	5	98,00,000
	Blood Bank	1	2,50,000
27	Blood bank refrigerator 300 L	1	2,50,000
	Burns department	10	1,76,60,000
28	Baby incubator with hood	4	1,60,000
29	Co2 laser (For Burns)	1	55,00,000
30	Hydro surgery Debridement system	2	32,00,000
31	Hyperbaric oxygen chamber (single)	1	84,00,000
32	Refrigerator to store/keep skin-graft - Small	2	4,00,000
	Cardiology	57	1,99,30,000
33	ACT (activated clotting time) machine	1	2,30,000
34	Defibrillator	29	81,20,000

35	Defibrillator with internal paddles (adult & paediatric)	1	4,00,000
36	ECG Machine	20	20,00,000
37	IABP (Intra Aortic Balloon Pump)	1	26,00,000
38	Temporary dual chamber pacemakers	1	2,50,000
39	Temporary single chamber pacemakers	1	1,30,000
40	Ultrasound Machine with ECHO - Portable	2	18,00,000
41	Ultrasound Machine with Echo and Transcranial doppler	1	44,00,000
	Cardiothoracic Surgery	5	1,02,10,000
42	Fibrillator	1	20,000
43	Heart Lung machine	1	84,00,000
44	Sternotomy saw(regular & oscillating) with driving unit	2	15,00,000
45	Suction machine for CTS	1	2,90,000
	ENT	8	3,36,00,000
46	Co2 Laser (for ENT)	1	1,80,00,000
47	Coablation surgery unit	1	8,00,000
48	Flexible Nasopharyngoscope with working Channel	1	5,00,000
49	High frequency jet ventilation	1	1,00,000
50	High speed power drill for ENT	1	17,00,000
51	Intra operative Nerve monitoring(ENT)	1	20,00,000
52	Nasal endoscopy complete set (Laproscope Unit set without insufflator) with micro laryngoscope set	1	60,00,000
53	Operating Microscope for ENT w/CCD Camera	1	45,00,000
	General Surgery	128	7,70,50,000
54	Binocular loupe (4X zoom)	2	4,40,000
55	Blood & Fluid warmer	29	37,70,000
56	Electrosurgical unit	8	36,00,000
57	Electrosurgical unit with vessel fusion and argon plasma coagulator	2	24,00,000
58	Electrosurgical unit with vessel sealing	6	69,00,000
59	Hysteropump	1	8,00,000
60	Hysteroscope	1	12,00,000
61	Laparoscope and Laproscope Set (HD) with recording set	3	1,26,00,000
62	Lipo suction (set with accessories)	1	29,00,000
63	Operation table (bariatric table)	1	29,00,000
64	Operation table with hand surgery accessories	3	87,00,000
65	Operation table with lithotomy position accessories	2	52,00,000
66	Operation Table with standard accessories	6	1,44,00,000

67	Suction Apparatus	52	10,40,000
68	Surgical Head light (LED) with magnification loupe 4X	8	48,00,000
69	Ultrasonic scalpel Machine	3	54,00,000
	ICU	40	20,00,000
70	Examination LED Light	40	20,00,000
	Laboratory	18	57,75,000
71	ABG Machine	6	30,00,000
72	Centrifuge	2	1,00,000
73	Electrolyte analyser	1	4,50,000
74	HbA1C analyser	1	2,00,000
75	Microscope	2	2,00,000
76	PRP Centrifuge	2	4,00,000
77	Semi Autoanalyser	2	5,00,000
78	Cell counter	1	5,75,000
79	Elisa Reader and Washer	1	3,50,000
	MGE	13	3,05,50,000
80	Automatic Endoscopic Washer (Dual)	2	56,00,000
81	Endoscopic C-arm Compatible Table	1	10,00,000
82	Endoscopic Linear Ultrasound	1	65,00,000
83	Endoscopic procedure table	2	8,50,000
84	Endoscopic Radial Ultrasound	1	65,00,000
85	Endoscopy Flushing Machine	2	7,00,000
86	Esophageal manometry	1	16,00,000
87	Ultrastim Video Gastroscope	1	15,00,000
88	Video Endoscopy system consists of light source, video processor unit, Medical grade Monitor with recording & reporting software - Duodenoscope - 2 Nos (ERCP Scope), Storage Cabinet - 1 No	1	26,00,000
89	Video Endoscopy system consists of light source, video processor unit, Medical grade Monitor with recording & reporting software 1. Video Colonoscope -2 Nos 2. Video Gastroscope - 2 Nos 3. Storage Cabinet - 1 No	1	37,00,000
	Nephrology	20	1,78,50,000
90	CRRT machine	5	47,50,000
91	Haemodialysis machine	12	96,00,000
92	RO Plant (1000+1000 L)	1	5,00,000
93	SLED-F machine	2	30,00,000
	Neurology	3	99,00,000
94	EEG (with digital video monitor)	1	11,00,000
95	Portable EMG	1	18,00,000
96	Ultrasound machine with transcranial doppler)	1	70,00,000

	Neurosurgery	15	18,02,00,000
97	Cavitron Ultrasonic Surgical Aspirator (for Neuro)	1	50,00,000
98	High speed power drill for Neuro	3	1,50,00,000
99	ICP Monitor (Intracranial pressure)	3	81,00,000
100	Intra operative Nerve monitoring(Neuro)	1	35,00,000
101	Irrigation system for Neuro	1	16,00,000
102	NEURO Navigation System	1	3,60,00,000
103	Neuro endoscope (ventriculoscope, pituitary scope, spinal endoscope) with HD camera and recorder	2	3,90,00,000
104	Operating Microscope w/ 3D Camera with all fluorocence camera (Neuro)	2	6,50,00,000
105	Operation table with Neuro accessories	1	70,00,000
	Orthopedic	10	2,11,00,000
106	Arthroscope entire set (3 mm & 1 mm scope)	1	30,00,000
107	Digital Pneumatic Tourniquet (Adult & paediatric)	3	15,00,000
108	Operation table with Ortho accessories	2	1,30,00,000
109	Power drill system with oscillating saw and flexible reamer (Complete set)	4	36,00,000
	Plastic Reconst Surgery	22	5,56,00,000
110	Dermatome	7	98,00,000
111	Highend power drill for K-wire oscillating / sagittal saw	1	18,00,000
112	Operating Microscope for Plastic/Burns	3	3,96,00,000
113	Skin graft mesher	11	44,00,000
	Pulmonology	10	94,00,000
114	Bronchoscope Set, Rigid, Pediatric with optical Forceps	1	30,00,000
115	Flexible Video bronchoscope	1	16,00,000
116	Intubating Fibreoptic bronchoscope with light source	8	48,00,000
	Radiodiagnosis	16	28,79,00,000
117	Analog Mobile X-ray	1	6,50,000
118	C-arm X-ray unit	4	1,28,00,000
119	CR system with Printer	1	8,50,000
120	CT Scanner	1	6,00,00,000
121	Digital Fluoroscope	1	1,40,00,000
122	Digital Mobile X-ray	3	1,35,00,000
123	MRI	1	16,00,00,000
124	PACS	1	1,87,50,000
125	Ultrasound Machine - Portable	1	6,50,000
126	Ultrasound Machine for Radiology with 4D Probe and Elastography (High end)	1	58,00,000

127	Ultrasound with doppler for Dialysis ICU	1	9,00,000
	SGE	9	2,58,50,000
128	Baloon Enteroscope	1	36,00,000
129	Cavitron Ultrasonic Surgical Aspirator	2	62,00,000
130	CELL saver	1	23,50,000
131	Choledochoscope	1	32,00,000
132	Intraoperative ultrasound with laproscopic probe	1	45,00,000
133	TEG monitor	2	40,00,000
134	Thompson retractor	1	20,00,000
	Urosurgery	13	4,55,50,000
135	Cystoscopic SET	2	30,00,000
136	Irrigation pump for Urology	2	10,00,000
137	PCNL set (mini PCNL, PCNL slender set)	1	18,00,000
138	Pneumatic Lithoclast	2	58,00,000
139	RIRS set (laser - 100 w and flexible fibroscope)	2	3,10,00,000
140	Semi rigid ureteroscope	1	8,50,000
141	TURP set (Bipolar)	1	7,00,000
142	TURP set (monopolar)	1	7,00,000
143	Ultrasound machine with doppler and all probes	1	7,00,000
	Vascular Surgery	17	35,60,000
144	Diode Laser 470 nm	1	18,00,000
145	DVT Pump (Deep Vein Thrombosis)	12	9,60,000
146	Hand held vascular doppler	4	8,00,000
	Total	1,318	1,11,70,48,000

**COMPONENT 1.2 GOVERNMENT COIMBATORE MEDICAL COLLEGE HOSPITAL
COIMBATORE
CONSOLIDATED DEPARTMENT-WISE MEDICAL EQUIPMENT LIST (Ver 12.1)**

S.No	Name of the Equipment	CMCH	
		Qty	Total Price
	Anesthesia	587	19,00,25,000
1	Anaesthesia Machine (2 Gas System)	3	51,00,000
2	Anaesthesia Workstation (3 Gas System)	11	2,75,00,000
3	BIPAP	2	4,40,000
4	Enteral feeding pump	6	4,80,000
5	Fogger	6	72,000
6	Infusion Pump	118	54,28,000
7	MRI Compatible anaesthesia workstation	1	39,00,000
8	MRI Compatible patient monitoring system (with adult & pedia spo2 probe)	1	27,00,000
9	Nerve Stimulator	3	3,00,000
10	Patient Monitor	16	30,40,000
11	Patient monitor with IBP, ETCO2, CO, BIS Module & AGM with slave monitor	2	44,00,000
12	Patient monitor with AGM	7	91,00,000
13	Patient monitor with AGM & BIS Module	3	48,75,000
14	Patient monitor with ETCO2 & IBP	64	4,48,00,000
15	Patient warmer	14	14,00,000
16	PCA Pump	7	8,75,000
17	Pulse Oximeter	41	43,05,000
18	Rapid infuser	6	90,00,000
19	Syringe pump	172	55,90,000
20	Syringe pump (stack) with 4 pumps	4	12,00,000
21	Transport Ventilators	4	24,40,000
22	Ultrasonic Nebuliser	36	12,60,000
23	Ultrasound machine (Nerve Block)	3	21,00,000
24	Vein finder	4	3,60,000
25	Ventilators	47	3,76,00,000
26	Video Laryngoscope (2 blades)	6	1,17,60,000
	Blood Bank	1	2,50,000
27	Blood bank refrigerator 300 L	1	2,50,000
	Burns department	10	1,61,00,000
28	Baby incubator with hood	5	2,00,000
29	Co2 laser (For Burns)	1	55,00,000

30	Hydro surgery Debridement system	1	16,00,000
31	Hyperbaric oxygen chamber (single)	1	84,00,000
32	Refrigerator to store/keep skin-graft - Small	2	4,00,000
	Cardiology	54	4,20,20,000
33	ACT (activated clotting time) machine	2	4,60,000
34	Defibrillator	25	70,00,000
35	Defibrillator with internal paddles (adult & paediatric)	2	8,00,000
36	ECG Machine	14	14,00,000
37	IABP (Intra Aortic Balloon Pump)	2	52,00,000
38	Intra Vascular Ultrasound	1	44,00,000
39	Optical coherence tomography (OCT) with FFR	1	1,40,00,000
40	Rotablator	1	27,00,000
41	Temporary dual chamber pacemakers	2	5,00,000
42	Temporary single chamber pacemakers	2	2,60,000
43	Ultrasound Machine with ECHO - Portable	1	9,00,000
44	Ultrasound Machine with Echo and Transcranial doppler	1	44,00,000
	Cardiothoracic Surgery	10	2,04,20,000
45	Fibrillator	2	40,000
46	Heart Lung machine	2	1,68,00,000
47	Sternotomy saw(regular & oscillating) with driving unit	4	30,00,000
48	Suction machine for CTS	2	5,80,000
	General Surgery	95	6,00,00,000
49	Binocular loupe (4X zoom)	1	2,20,000
50	Blood & Fluid warmer	21	27,30,000
51	Electrosurgical unit	8	36,00,000
52	Electrosurgical unit with vessel fusion and argon plasma coagulator	2	24,00,000
53	Electrosurgical unit with vessel sealing	5	57,50,000
54	Hysteropump	1	8,00,000
55	Hysteroscope	1	12,00,000
56	Laparoscope and Laproscopy Set (HD) with recording set	2	84,00,000
57	Lipo suction (set with accessories)	1	29,00,000
58	Operation table (bariatric table)	1	29,00,000
59	Operation table with hand surgery accessories	2	58,00,000
60	Operation table with lithotomy position accessories	2	52,00,000
61	Operation Table with standard accessories	4	96,00,000

62	Suction Apparatus	35	7,00,000
63	Surgical Head light (LED) with magnification loupe 4X	7	42,00,000
64	Ultrasonic scalpel Machine	2	36,00,000
	ICU	39	19,50,000
65	Examination LED Light	39	19,50,000
	Laboratory	16	50,75,000
66	ABG Machine	5	25,00,000
67	Centrifuge	2	1,00,000
68	Electrolyte analyser	1	4,50,000
69	HbA1C analyser	1	2,00,000
70	Microscope	2	2,00,000
71	PRP Centrifuge	1	2,00,000
72	Semi Autoanalyser	2	5,00,000
73	Cell counter	1	5,75,000
74	Elisa Reader and Washer	1	3,50,000
	MGE	14	3,42,50,000
75	Automatic Endoscopic Washer (Dual)	2	56,00,000
76	Endoscopic C-arm Compatible Table	1	10,00,000
77	Endoscopic Linear Ultrasound	1	65,00,000
78	Endoscopic procedure table	2	8,50,000
79	Endoscopic Radial Ultrasound	1	65,00,000
80	Endoscopy Flushing Machine	2	7,00,000
81	Esophageal manometry	1	16,00,000
82	Ultrastim Video Gastroscope	1	15,00,000
83	Video Endoscopy system consists of light source, video processor unit, Medical grade Monitor with recording & reporting software - Duodenoscope - 2 Nos (ERCP Scope), Storage Cabinet - 1 No	1	26,00,000
84	Video Endoscopy system consists of light source, video processor unit, Medical grade Monitor with recording & reporting software1. Video Colonoscope -2 Nos2. Video Gastroscope - 2 Nos3. Storage Cabinet - 1 No	2	74,00,000
	Nephrology	4	37,00,000
85	CRRT machine	1	9,50,000
86	Haemodialysis machine	1	8,00,000
87	RO Plant (500 L)	1	4,50,000
88	SLED-F machine	1	15,00,000
	Neurosurgery	10	11,46,00,000

89	Cavitron Ultrasonic Surgical Aspirator (for Neuro)	1	50,00,000
90	High speed power drill for Neuro	2	1,00,00,000
91	ICP Monitor (Intracranial pressure)	3	81,00,000
92	Intra operative Nerve monitoring(Neuro)	1	35,00,000
93	NEURO Navigation System	1	3,60,00,000
94	Neuro endoscope (ventriculoscope, pituitary scope, spinal endoscope) with HD camera and recorder	1	1,95,00,000
95	Operating Microscope w/ 3D Camera with all fluorocence camera (Neuro)	1	3,25,00,000
	Orthopedic	15	3,29,00,000
96	Arthroscope entire set (3 mm & 1 mm scope)	2	60,00,000
97	Digital Pneumatic Tourniquet (Adult & paediatric)	4	20,00,000
98	Operation table with Ortho accessories	3	1,95,00,000
99	Power drill system with oscillating saw and flexible reamer (Complete set)	6	54,00,000
	Pharmacy	1	11,00,000
100	Walk in cooler 10 x 10 feet	1	11,00,000
	Plastic Reconst Surgery	15	3,90,00,000
111	Dermatome	6	84,00,000
112	Highend power drill for K-wire oscillating / sagittal saw	1	18,00,000
113	Operating Microscope for Plastic/Burns	2	2,64,00,000
114	Skin graft mesher	6	24,00,000
	Pulmonology	6	36,00,000
115	Intubating Fibreoptic bronchoscope with light source	6	36,00,000
	Radiodiagnosis	20	30,96,25,000
116	Analog Mobile X-ray	1	6,50,000
117	C-arm X-ray unit	4	1,28,00,000
118	CR system with Printer	1	8,50,000
119	CT Scanner	1	6,00,00,000
120	Digital Fluoroscope	1	1,40,00,000
121	Digital Mammography	1	1,15,00,000
122	Digital Mobile X-ray	3	1,35,00,000
123	Digital X Ray	2	1,30,00,000
124	MRI	1	16,00,00,000
125	PACS	1	1,14,25,000
126	Ultrasound Machine - Portable	2	13,00,000
127	Ultrasound machine for Radiology (Mid end)	1	48,00,000

128	Ultrasound Machine for Radiology with 4D Probe and Elastography (High end)	1	58,00,000
	SGE	9	2,58,50,000
129	Baloon Enteroscope	1	36,00,000
130	Cavitron Ultrasonic Surgical Aspirator	2	62,00,000
131	CELL saver	1	23,50,000
132	Choledochoscope	1	32,00,000
133	Intraoperative ultrasound with laproscopic probe	1	45,00,000
134	TEG monitor	2	40,00,000
135	Thompson retractor	1	20,00,000
	Vascular Surgery	12	31,60,000
136	Diode Laser 470 nm	1	18,00,000
137	DVT Pump (Deep Vein Thrombosis)	7	5,60,000
138	Hand held vascular doppler	4	8,00,000
	Total	918	90,36,25,000

J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT

//True Copy//

L. V. S. S.
14/2/2022
SECTION OFFICER