



GOVERNMENT OF KERALA

Abstract

Health and Family Welfare Department - Establishment of NELS Skill Center at Government Medical College, Thiruvananthapuram - Procurement of equipment - Administrative Sanction accorded - Orders issued.

HEALTH AND FAMILY WELFARE (P) DEPARTMENT

G.O.(Rt)No.1594/2025/H&FWD Dated,Thiruvananthapuram, 09-06-2025

Read 1) Letter No.Z.28015/77/2022-DMCell dated 17.10.2024 from the Ministry of Health and Family Welfare(Disaster Management Cell), Government of India.

2) Letter No.PA2/2845/2025/DME dated 24.05.2025 from the Director of Medical Education, Thiruvananthapuram.

ORDER

As per the letter read as 1st paper above, the Government of India has sanctioned grant -in- aid of Rs.1,50,00,000/- as second installment for the establishment of National Emergency Life Support (NELS) Skill Centre at Medical College, Thiruvananthapuram. In continuation the Director of Medical Education has forwarded the proposal for according Administrative Sanction for an amount of Rs.1,50,00,000/- for the procurement of items and equipment for the setting up of Skill center at GMC, Thiruvananthapuram.

2) Government have examined the matter in detail and are pleased to accord Administrative Sanction for an amount of Rs.1,50,00,000/-(One Crore Fifty Lakhs Only) for the procurement of items and equipment for the setting up of Skill Center at GMC, Thiruvananthapuram, as detailed below;

Sl No	Name of the Item	Approximate cost (in Rs)
1	Equipment & Mannequin	1,25,00,000
2	Consumables	4,80,000
3	Minor Equipments	2,00,000
4	Drugs	20,000
5	Furniture	18,00,000
	Total	Rs.1,50,00,000

List of Equipments & Mannequin

Sl No	Item	Unit cost (Rs)	No.Of units	Total amount
1	Advances Life Support Skill Trainer mannequin	10,00,000	4	40,00,000
2	Airways Management Trainer mannequin	1,50,000	4	6,00,000
3	Audit CPR Training (half torso) mannequin with cardiac feedback	35,000	6	2,10,000
4	Audit CPR Training (full body) mannequin with cardiac feedback	50,000	2	1,00,000
5	Infant basic CPR Training mannequin (full torso) with cardiac feedback	40,000	4	1,60,000
	Anatomical Torso Trauma			

6	mannequin (with minimum 5 skins) for thoracocentesis)	4,00,000	2	8,00,000
7	Anatomical Neck Trauma mannequin (with minimum 5 skins) for cricothyroidotomy	1,50,000	2	3,00,000
8	Adult Phlebotomy (IV access) trainer arm	30,000	4	1,20,000
9	Paediatric Phlebotomy (IV access) trainer arm	30,000	2	60,000
10	Intraosseous access training set comprising of : Power driver (1) Needles with accessories (adult size) (5). Adult limb with at least 5 bones (1)	50,000	1	50,000
11	Intraosseous access training set comprising of : Power driver (1) Needles with accessories (Paediatric size) (5). Paediatric limb with at least 5 bones (1)	50,000	1	50,000
12	Central IV mannequin with internal jugular and subclavian access with minimum 2 vein access pads	1,00,000	2	2,00,000
13	AED trainer	30,000	6	1,80,000
14	ECG simulator and Rhythm generator (DART)	40,000	4	1,60,000
15	Monitor Defibrillator, pacer with AED, capable of defibrillation / synchronized cardio version	7,00,000	2	14,00,000

16	Monitor Defibrillator, capable of defibrillation / synchronized cardio version	2,00,000	2	4,00,000
17	Airway Foreign Body trainer mannequin	60,000	1	60,000
18	Anatomic full -spine model	5,000	1	5,000
19	Portable Ultrasound Machine (with at least a convex probe and linear probe, upgradable to echo probe	27,80,000	1	27,80,000
20	Laptops with LED screen / MDVD drive	40,000	4	1,60,000
21	Desktop with LED screen /DVD drive	40,000	2	80,000
22	Microphone, Lavaiere (collar mike) and sound system	70,000	1	70,000
23	Smart TV (minimum 65 inches) for seminar room	1,00,000	1	1,00,000
24	Laryngoscope with adult blades	4,000	6	24,000
25	Finger Pulse Oximeter	1,500	5	7,500
26	Scoop stretcher	12,000	1	12,000
27	Long spine board with immobilization device	13,000	4	52,000
28	Bag -mask device / Resuscitator bag (adult)	3,200	24	76,800
29	Bag -mask device / Resuscitator bag (paediatric)	3,200	24	76,800
30	Brose low Paediatric Emergency	4,000	2	8,000

	Tape -1 (hard bind)			
31	Pressure bags	2,000	4	8,000
32	Infusion syringe pump (for 10,20 and 50 ml)	74,950	2	1,49,900
33	Post Partum Hemorrhage control training mannequin	40,000	1	40,000
Total				1,25,00,000

List of Consumables

Sl No	Item	Unit cost (Rs)	No.of units	Total amount
1	Blanket Red	800	20	16,000
2	Towel	250	20	5,000
3	Gauze Pad (4*4)	9	400	3,600
4	Gauze Pad (3*3)	7	400	2,800
5	Roller Bandage	65	200	13,000
6	Cotton Roll	150	100	15,000
7	Adhesive tape 1"	175	50	8,750
8	Adhesive tape 2"	180	50	9,000
9	Twill tape	200	50	10,000
10	4*4 Sponge	5	400	2,400
11	3*3 Sponge	4	400	1,600
12	I.V catheters /venflons 14,16,18,20,22,24 gauge	5.22	480	2,506
13	Central line IV catheter with guide wire	230	1	230
14	Flexible Guidewire	1200	4	4,800
15	14 to 20 gauge cutdown	8	4	32

	catheters -2			
16	Syringes 2 ml	1.5	200	300
17	Syringes 5 ml	1.8	200	360
18	Syringes 10 ml	3.65	200	730
19	Syringes 20 ml	9.4	200	1,880
20	Syringes, Lucer Lock:5,10,20, 50 ml	9.4	40	376
21	18 G bevelled needle	1	24	24
22	12- to 14 - gauge over -the needle catheters (8.5 cm long)	120	16	1,920
23	Assorted intravenous over the needle catheters (14,16 and 18- gauge, 15-20 cm, or 6-8 inches, in length	100	8	800
24	16 or 18 - gauge bone aspiration /transfusion needle (1.25 CM or 0.5 inch, in length	430	4	1,720
25	22- to - 24- gauge over the needle catheters (5-6 inches, or 12.7-15.2 cm, in length if animals are used and 2.5-3 inches, or 6.25-7.5 cm, if cadavers are used	60	16	960
26	Butterfly needle 19 or 20 G	20	16	320
27	7.0 -to 8.5 French rapid infuser catheter Kit with guidewire -1	130	4*4	280
28	I.V set with Macro Dip	10.5	15*4	630

29	Large- caliber extension tubing	30	4*4	480
30	Oxygen mask	95	10	950
31	Non- rebreathing mask with O2 reservoir	199	8	1,592
32	Oral Airway	20	10	200
33	Nasal Airway	20	10	200
34	No.5 tracheostomy tube cuffed	450	5*4	9,000
35	Endotracheal tubes cuffed :Adult Nasal (6 mm ID)	51	6*4	1,224
36	Endotracheal tubes cuffed :Adult Oral (6 to 8 mm ID)	50	8*4	1,600
37	Endotracheal tubes uncuffed :Paediatric (3 mm ID)	51	4*4	816
38	Endotracheal tubes uncuffed :Paediatric (4 mm ID)	51	2*4	408
39	ET Tube paediatric adapter size 3	85	4*4	1,360
40	36-French chest tube and drainage collection device	35	8*4	1,120
41	Soft suction catheter	20	8*4	640
42	Rigid suction catheter	60	8*4	1,920
43	Nasogastric tube 16/18	188	5*4	3,760
44	Peritoneal lavage kit	510	4*4	8,160
45	Indwelling urinary catheter and collection bag	18	4*4	288
46	PPE Kits	334	3	1,002

47	Surgical garb (scrub suit, gowns)	259	50*4	51,800
48	Disposable gloves 6 1/2 & 7 1/2	159 per 100	50*4	636
49	Shoe cover	1.6	50*4	320
50	Respirator with ET tube adapter	85	4	340
51	Antiseptic swabs	72 per 100	1 box per course / 12 workshops	864
52	Suture 4-0 silk with swaged needle	1269	1 box *4	5,076
53	2-0 and 3-0 silk with cutting needle	1000	1 box *4	4,000
54	2-0 and 3-0 silk with taper needle -1	1305	1 box *4	5,220
55	4-0 monofilament non cutting needle (optional)	1500	1 box *4	6,000
56	10/12 No.scalpel blades	180	3	540
57	Surgical drapes	50	6*4	1,200
58	Bed sheets	350	5*4	3,200
59	Pillow	300	2	600
60	Towels	250	6	1,500
61	Underwater seal device - disposable-	150	6*4	3,600
62	Flutter - Type valve -1	250	1	250
63	One way valve	20	4	80
	Three - way stopcock with			

64	attached tubing	40	4*4	740
65	Pneumatic inflatable splints	4000 (pack of 6)	2	8,000
66	Vacuum / bean bag splints	30000 (pack of 6)	1	30,000
67	Leg Traction Splint	600	2	1,200
68	Slings	250	2	500
69	Dye, Methylene Blue	350	12 bottles	4,200
70	ECG electrodes	7.5	4 sets *12	1,776
71	Pacing/ defibrillator pads	3750	1	3750
72	ECG roll	245	16	3920
73	Pelvic binder/ sheet	450	3	1,350
74	Tongue blades SS	100	1 box *4	400
75	Tourniquet	150	4*4	3,840
76	Make up Mouline Kit	2,000	1	2,000
77	Gum Elastic Bougie	100	2*4	800
78	LMA (different sizes: 2 to 5)	3460 (5; each costing about Rs.692)	1	3,460
79	Combi tube	8000	1	8,000
80	Pericardiocentesis Kit	20000	1	20,000
81	ILMA	1100	1	1100
82	Miscellaneous Consumables (Contingency etc)	160000	1	1,60,000
Total				4,80,000

List of Minor Equipments

Sl No	Item	Unit Cost (Rs)	No.Of units	Total Amount
1	Stethoscope	2300	10	23,000
2	B.P Instrument (Digital)	3500	10	35,000
3	Semi rigid Cervical Collar	1000	7	7,000
4	Scalpel handle 3.4 with blades 10,11,20	300	8	2,400
5	Kelly's curved forceps	350	8	2,800
6	Magil Forceps	600	4	2,400
7	Haemostats	490	10	4,900
8	Needle Holder	450	10	4,500
9	Suture Scissors	150	4	600
10	Heavy Curved Mayo Scissors	400	4	1,600
11	Mosquitoes scissors	450	4	1,800
12	Metsenbaum / curved dissecting scissor	650	4	2,600
13	Tissue forceps :toothed	300	4	1,200
14	Tissue forceps : without teeth	400	4	1,600
15	Allis clamps or sharp towel clips	450	8	3,600
16	Motor Cycle helmet (full face with visor)	2500	2	5000
17	Stop watch	3500	4	14,000
18	Countdown timer (LED)	10000	4	40,000
19	KED extrication device	22000	2	44,000

20	Small instrument tray	500	4	2,000
Total				2,00,000

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List of Essential drug

SL No	Item	Unit Cost (Rs)	No.of units	Amount (Rs)
1	Nasal Anaesthetic spray	110	2*4	880
2	1 % Lidocaine	37	8*4	1,184
3	Epinephrine	15	4*4	240
4	Atropine sulphate	7	4*4	112
5	Aminodarone	35	4*4	560
6	Adenosine	100	4*4	1,600
7	Vasopressin injection	202	4*4	3,232
8	Heparin 1:1000	114.5	1*4	458
9	Ringer Lactate 500	41.4	8*4	1,325
10	Ringer Lactate 1000	71.69	15*4	4,301
11	Normal Saline	15.5	4*4	248
12	Water soluble lubricant sachet	6	15*4	360
13	Other drugs	5500	1	5,500
Total				20,000

List of Furniture

SL No	Item	Unit Cost (Rs)	No.of units	Amount (Rs)
1	Table 6-8 Foot	25000	6	1,50,000
2	Mayo stand Emergency - Table	50000	4	2,00,000

3	Portable IV stand	2500	6	15,000
4	Table for faculty /class room	15000	12	1,80,000
5	Chairs for faculty / Class room	2500	46	1,15,000
6	Stool to stand on for CPR	2530	10	25300
7	Trolleys for mannequin	20800	6	1,24,800
8	Crash Cart	35000	4	1,40,000
9	Clocks	2000	10	20,000
10	Podium	15000	1	15,000
11	Pointer	1500	2	3,000
12	X Ray view boxes	35400	5	1,77,000
13	Dust Bins	800	6	4,800
14	Mats	300	6	1,800
15	Conference Table	200000	2	4,00,000
16	Conference Chairs	4100	13	53,300
17	Storage Racks Steel	17500	10	1,75,000
Total				18,00,000

3) The Director of Medical Education should furnish Utilization Certificate in a time bound manner.

(By order of the Governor)

SUBHASH R

ADDITIONAL SECRETARY

To:

The Director of Medical Education, Thiruvananthapuram

The Superintendent / Principal, Government Medical College,
Thiruvananthapuram

The Principal Accountant General (Audit) / (A&E), Kerala,
Thiruvananthapuram

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