

Corrigendum-III

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for Supply, Installation & Commissioning of Teaching Equipment for Establishment of Nursing Labs (Nursing Foundation Lab, Community Health Nursing Lab, Nutrition Lab, Pre-Clinical Lab, Anatomy & Physiology Lab, Skills Lab & A.V. Aids) on Turn-Key Basis in 07 Government Nursing GNM Schools & 01 Govt. ANM School in Bihar was floated vide Notice Inviting Tender No.- BMSICL/2021-22/ME-254. During and after Pre-bid meeting various suggestions were received from different prospective bidders regarding amendment in technical specification of equipment which were discussed and deliberated on by the experts, who after due deliberation recommended certain amendments in the list of tendered items, which are annexed as Annexure-I & II of this corrigendum. In order to facilitate maximum participation of bidders the tender schedule is being revised as follows:

Tender Reference No.	BMSICL/2021-22/ME-254
Date and time for downloading of bid document	Up to 30th March 2022 till 17:00 Hrs.
Last date and time of submission of online bids	31st March 2022 till 17:00 Hrs.
Last date and time of submission of original documents of EMD, Tender Fee and Document.	01th April 2022 till 14:00 Hrs.
Date, Time and Place of opening of Technical Bid	01st April 2022 (at 15:00 Hrs.) on the website of www.eproc.bihar.gov.in in the office of BMSICL
Date and time of opening of financial Bids	To be announced later on www.eproc.bihar.gov.in

Note: (1) Bidders are advised to refer to the Annexure-I & II of this corrigendum before submission of bid.

(2) Those bidders who have submitted their bids are advised to resubmit their bids in the light of this corrigendum.

Annexed:- as above

**Sd/-
GM (Procurement)
BMSICL**

Annexure-I

Amended List of Equipment's/Apparatus For GNM Nursing

Table 1: List of equipment for MCH Skill Lab

S.No	Brief Description of Goods and Services	Qty	Specification	Amendment	
				Specification	Qty
1- Antenatal care					
1	Abdominal palation mannequin with Leopold manoeuvre	4	As mentioned in Section V of this bid document	NC	2
2	Human foetus replicas	Added		NC	2
3	BP apparatus Manual	4		BP apparatus Manual	2
			Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	BP apparatus digital	2
4	Stethoscope	4		NC	NC
5	Fetoscope	4		NC	NC
6	Thermometer(Digital)	4	As mentioned in Section V of this bid document	NC	NC
7	Measuring tape	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
8	Dictaphone	2	As mentioned in Section V of this bid document	NC	NC
9	Watch with second hand	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	Wall Clock	NC
10	Adult Weighing scale	2		NC	NC
11	Heamoglobinometer with 100 strips/cuvettee	6		NC	2
12	Glucometer (Plasma) with 100 strips/cuvettee	6	As mentioned in Section V of this bid document	NC	2
13	Pipette and stirrer	6	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
14	Steel bowl 4"	10		NC	NC
15	EDD calculator chart	2		NC	NC
16	Family planning kit	1		NC	2
17	Family planning flip book	1		NC	NC
18	BPCR flip book	1		NC	NC
19	Kidney tray medium	4	As mentioned in Section V of this bid document	NC	NC
20	Hub cutter	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
21	Puncture proof container	2		NC	NC
22	Spirit lamp	6		NC	NC
23	Test tube	1 box		NC	NC
24	Test tube holder	10		NC	NC
25	Steel tray big and medium	2+2		NC	NC
Labour Room and NBCC					
26	Childbirth simulator with episiotomy repair attachments	4	As mentioned in Section V of this bid document	NC	2
27	Cervical dilatation board	2		NC	NC

28	Cervical dilatation block	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
29	Pelvis	4		NC	NC
30	Foetal skull model	4		NC	NC
31	Neo Natalie	4		NC	2
32	Baby doll	2		NC	NC
33	Artery forceps	4		NC	NC
34	Straight scissors	2	As mentioned in Section V of this bid document	NC	NC
35	Curved scissor (Episiotomy scissors)	2		NC	NC
36	Kidney tray small, medium and large	2+2+2	As mentioned in Section V of this bid document	NC	NC
37	Niddle holder small and medium	2+2	As mentioned in Section V of this bid document	NC	NC
38	Toothed dissecting forceps	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
39	Cheatle forceps	2	As mentioned in Section V of this bid document	NC	NC
40	Cheatle forceps holder	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
41	Radiant warmer	1	As mentioned in Section V of this bid document	NC	NC
42	Foot operated suction machine	1	As mentioned in Section V of this bid document	NC	NC
43	NR bag	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
44	Baby weighing machine	2		NC	NC
45	Infantometer/Penguin mucus sucker	2		NC	Infantometer-1, Penguin mucus sucker-1
46	Shoulder roll	2		NC	NC
47	Stop watch	2		NC	NC
48	Self-inflating resuscitation bag (500 & 250 MI capacity)	2 each		NC	NC
49	Mask 0 and 1 size	2 each		NC	NC
50	Oxygen Hood	2	As mentioned in Section V of this bid document	NC	NC
51	Hanging weigher	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
52	Trays to be kept in the labor room: Delivery tray, Episiotomy tray, Baby tray, Medicine tray, Emergency Drug tray, MVA tray and PPIUCD tray	2 set of each	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
53	Steel bowl 6"	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
54	Hub cutter	1		NC	2
55	Puncture proof container	1		NC	2
Post-natal Care				NC	NC

56	Child Birth Simulator with 48 hr postpartum uterus attachment and episiotomy repair attachments	2	As mentioned in Section V of this bid document	NC	NC
57	Neo Natalie	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
58	Baby doll	1		NC	NC
59	KMC wrap	2		NC	NC
60	Artery forceps (small + big)	2 + 2	As mentioned in Section V of this bid document	NC	NC
61	Kidney tray small, medium and large	2+2+2	As mentioned in Section V of this bid document	NC	NC
62	Straight scissors	2		NC	NC
63	Curved scissor (Episiotomy scissors)	2		NC	NC
64	Niddle holder small and medium	2	As mentioned in Section V of this bid document	NC	NC
65	Toothed dissecting forceps	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
66	Plastic Basin(big)	2		NC	NC
67	Kelly's Pad	2		NC	NC
68	Cheatle forceps	2	As mentioned in Section V of this bid document	NC	NC
69	Cheatle forceps holder	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
70	Steel bowl 6"	4	As mentioned in Section V of this bid document	NC	NC
71	Puncture proof container	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
Complication Management (MNH)					
72	Adult Iv arm training Kit	2	As mentioned in Section V of this bid document	NC	NC
73	IM Injection Training mannequin	2	As mentioned in Section V of this bid document	NC	NC
74	Catheterization Model	2	As mentioned in Section V of this bid document	NC	NC
75	Mannuequin for Simulation and Management of PPH (Mama Natalie)	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC

76	Adult CPR mannequin	1	§ Adult CPR mannequin should have features to demonstrate opening of airway, head tilt/chin lift or jaw thrust techniques. § Adult CPR mannequin should have disposable airways § Adult CPR mannequin should have removable, reusable faces § Adult CPR mannequin should have a “clicker” which confirms correct compression depth § Adult CPR mannequin should have compression spring for consistent resistance § Adult CPR mannequin should have weight: 3.9kg and HxWxD: 25 in x 8.5 in x 13.5 in § Additional Accessories: o 6 Reusable mannequin Faces o 6 Airways o 50 Mannequin Wipes	NC	NC
77	Scissors	10		NC	9
78	Kidney Tray	10		NC	2+2+2
79	Artery forceps	6 Medium	As mentioned in Section V of this bid document	NC	NC
80	Steel bowl (4 Inches)	6		NC	NC
Family Planning					
81	Zoe model with post- partum Uterus	2	As mentioned in Section V of this bid document	NC	NC
82	Anteverted and retroverted uterus	1 each	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
83	Hand held uterus model	5	As mentioned in Section V of this bid document	NC	2
84	Penile model	5	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	2
85	FP counselling kit	1		NC	NC
86	Contraceptive basket	1		NC	NC
87	Plastic basin containing	1		NC	NC
a	OCP (Mala-N)	1 strip		NC	NC
b	Cu-T 3801A,	1		NC	NC
c	Cu375 (Multi-load)	1		NC	NC
d	Male/Female condoms	1pkt each		NC	NC
e	Emergency pills	1		NC	NC
88	Family planning flipchart	1		NC	NC
89	MEC wheel and blanket	1		NC	NC
90	EDD Calculation Chart	4		NC	NC
91	Sims speculum	3		NC	NC

92	Cuscus speculum	2		NC	NC
93	Long artery forceps	4		NC	NC
94	Mayo's scissors	2		NC	NC
95	Vulsellum/Tenaculum	3		NC	NC
96	Uterine sound	3		NC	NC
97	Anterior Vaginal wall retractor	2		NC	NC
98	Steel bowl	3		NC	NC
99	Sponge holder	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
100	PPIUCD forceps	1	As mentioned in Section V of this bid document	NC	NC
101	Kidney tray medium	5		NC	NC
Infection Prevention					
102	Water Source		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
103	Large Plastic tub	2		NC	NC
104	Clean cloth	05 set		NC	NC
105	SS drum	2		NC	NC
106	Hub Cutter	2		NC	NC
107	Puncture Proof, leak Proof, tamper Proof container	2		NC	NC
108	Cheatle forceps	2	As mentioned in Section V of this bid document	NC	NC
109	Cheatle forceps holder	2		NC	NC
110	Boiler	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	1

111	Autoclave	2	<p>§ The autoclave should be of 20 L capacity and must be Stand-Alone Bench Top autoclave</p> <p>§ The autoclave should have automatic single door, self-sealing with high-quality silicon gasket</p> <p>§ The autoclave should have chamber diameter 25 cm, depth 45 cm</p> <p>§ The autoclave should have pre-set automatic cycles for unwrapped instruments, wrapped instruments /packs</p> <p>§ The autoclave should have slow exhaust and drying cycle</p> <p>§ The autoclave should have two automatic programmes which are 2.2 bar at 134. C and 121.C</p> <p>§ The autoclave should be fitted with 5 L water reservoir could be manually filled, automatic for at least 10 cycles</p> <p>§ The autoclave should have auto power shut-off upon completion of each cycle</p> <p>§ The autoclave should have 3 removable shelves, instruments trays and double safety door locking device</p> <p>§ The autoclave should have safety feature to protect against over-pressure and over-temperature</p> <p>§ The autoclave should have audible and visual alert upon cycle interruption or completion</p> <p>§ The autoclave should have unwrapped cycle time: cold 30 min, hot 20 min</p> <p>§ The autoclave should have control panel with alpha-numerical display and cycle indicators</p> <p>§ The autoclave should have air vents situated laterally and need to be manually closed after sterilization</p> <p>§ TST (Temperature Steam Time) control spot</p>	1
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§ The autoclave should be of 20 L capacity and must be Stand-Alone Bench Top autoclave

§ All body made of Stainless Steel.

§ Fitted with pressure gauge.

§ The unit has spring loaded safety valve of pressure adjustment and a dead weight safety valve.

§ It is hydraulically tested up to 30 PSI & Plug, supplied completed with Tripod Stand.

§ To work on 220/330Volt AC Supply

§ Certification required ISO 9001

			must be self-adhesive and the color changes must be irreversible when sterilized, attachable to steam sterilizing containers § Power requirement for the autoclave must be 220 V/50 Hz single phase § Power consumption of autoclave not more than 3000 W § The autoclave should have device safety certification according CE 93/42, FDA 510k or equivalent § Additional accessories: § Set of 3 matching instruments baskets § Set of 3 matching sterilizing drums § 3 roll of sterilization indicator TST control spots § 3 boxes paper sheet and crepe for sterilization pack § 3 rolls of adhesive tape for sterilization pack § 10 spare set of fuses § 1 box TST (Temperature Steam Time) control spot, (box of 50 TST), plus 1 record sheet § 2 stainless steel cylindrical sterilizing drum of 165 mm diameter § Thickness steel: 0.8 mm § Diameter, approx: 165 mm § Height, approx: 100 mm		
112	Big steam steriliser	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
113	Plastic Container (Closed)	4		NC	NC
Additional Items					
114	shoe dispenser	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
115	IV Stand	2		NC	NC
116	Tourniquete	10		NC	NC
Table 2: List of Models and equipment for Nursing Foundation Lab					
S.No	Brief Description of Goods and Services	Qty	Specification	NC	NC
				NC	NC

1.	Patient cots (adult)	6 Nos	Dimension 800 mm X 900 mm X 550 mm, Frame Material Stainless Steel	Dimension 1800 mm X 900 mm X 550 mm, Frame Material Stainless Steel, Plain Patient Cot Adult, Frame Material M.S., with side rail	NC
2.	Patient Cots (child)	2 Nos		NC	NC
3.	Bed side locker	8 Nos		NC	NC
4.	Stools/chair	8 Nos	18 - 27 Inch	NC	NC
Mannequins and models				NC	NC
5.	Adult male	3 Nos	Material PVC	NC	NC
			Width 14"	NC	NC
			Height 6 ft.	NC	NC
			Full body life like Male Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises	Full body life like Male Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises having following fetures:- Oxygen Inhaling *Oral & Nasal feeding *Gastro Lavage *Main organs in the thoracic cavity *Male urethral catheterization *Female urethral catheterization *Male bladder irrigation *Ostomy *Buttocks intramuscular injection *Main organs in the abdominal wall *Holistic nursing: sponge bath, replacing clothes *Tracheotomy care Package size : 127*48*22cm G.W.: 16.2KGS	NC
6.	Adult female	3 Nos	Material PVC	NC	NC
			Width 12"	NC	NC
			Height 5.11 ft.	NC	NC
			Full body life like Female Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises	Full body life like Male Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises having following fetures:- Oxygen Inhaling	NC

				*Oral & Nasal feeding *Gastro Lavage *Main organs in the thoracic cavity *Male urethral catheterization *Female urethral catheterization *Male bladder irrigation *Ostomy *Buttocks intramuscular injection *Main organs in the abdominal wall *Holistic nursing: sponge bath, replacing clothes *Tracheotomy care Package size : 127*48*22cm G.W.: 16.2KGS	
7.	Child	2 Nos	Weight 6kg	NC	NC
			Dimensions 89x38x22.25	NC	NC
			Soft childlike face skin	NC	NC
			Self-moulded hair	NC	NC
			Eyes open and close in realistic eye sockets for ophthalmic procedures	NC	NC
			Fully articulating head and jaw with teeth and tongue	NC	NC
			NG and Otic exercises	NC	NC
			Bends at wrist	NC	NC
			Jointed elbows, wrist, knees and ankles	NC	NC
			Realistic hands, feet, fingers and toes	NC	NC
			Soft upper body skin over hard upper body for realistic feel	NC	NC
8.	Newborn	2 Nos	Length 52cm	NC	NC
			Head diameter 34cm	NC	NC
			Material Plastic PVC	NC	NC
				NC	NC
9.	CPR	1 Nos	Can perform airway open	NC	NC
			Can perform artificial breathing and external cardiac compression	NC	NC
			While performing artificial aspiration, judge inflation volume by chest rise;	NC	NC

			E49External chest compression, correct compression depth: 5-6 cm Correct compression site, prompt correct buzzing sound Excessive compression site, prompt alarming buzzing sound	NC	NC
Instrument				NC	NC
10.	Trays of different Sizes	6 Nos	As mentioned in Section V of this bid document	Trays of different Sizes (+/- 5%)	NC
	24*16	6 Nos		24*16	NC
	14*10	6 Nos		14*10	NC
	11*9	6 Nos		11*9	NC
	8*5			8*5	NC
11.	Trays with cover –Assorted sizes	6 Nos	As mentioned in Section V of this bid document	Trays with cover –Assorted sizes (+/- 5%)	NC
	24* 16			24* 16	NC
	14*10			14*10	NC
	11*9			11*9	NC
	8*5			8*5	NC
12.	Bowls with cover	12 Nos	As mentioned in Section V of this bid document	Bowls with cover (+/- 5%)	NC
	6” diameters	12 Nos		6” diameters	NC
	4” diameters			4” diameters	NC
13.	Enema can	4 Nos		NC	NC
	1 litre	4 Nos		NC	NC
	2 500ml			NC	NC
14.	Kidney trays of assorted sizes	15 Nos		Kidney trays of assorted sizes (+/- 5%)	NC
	150x70x30 mm			150x70x30 mm	NC
	200x90x40 mm			200x90x40 mm	NC
	250x100x50 mm			250x100x50 mm	NC
	250x150x40 mm			250x150x40 mm	NC
15.	Measuring Jugs	6 Nos		Measuring Jugs (+/- 5%)	NC
	1000 ml	6 Nos		1000 ml	NC
	500 ml	6 Nos		500 ml	NC
	250 ml			250 ml	NC
16.	Basins:	12 Nos		NC	NC
	Assorted size basins			NC	NC
	Big (400mm/16”)			NC	NC
	Medium(350mm/14”)			NC	NC
	Medium(350mm/14”)			NC	NC
17.	Catheter dish with cover	4 Nos		Made of SS medium size	NC
18.	Knife with cover	6 Nos		Made of SS medium size	NC
19.	Feeding cups	6 Nos		Made of SS	NC
20.	Douche can	6 Nos		NC	NC
21.	Sputum mugs	6 Nos		Made of SS	NC
22.	Bed pans	6 Nos		NC	NC

23.	Urinal –male	6 Nos		NC	NC
24.	Funnel	6 Nos		NC	NC
	4” diameters	6 Nos		NC	NC
	2” diameters			NC	NC
25.	Jars with covers	2 Nos		NC	NC
	12x8”	2 Nos		NC	NC
	6x4”			NC	NC
26.	Dressing Drums	2 Nos		NC	NC
	8x4”	2 Nos		NC	NC
	12x9”			NC	NC
27.	Tub for Sitz bath	1 Nos		NC	NC
28.	Saucepan with lid	2 Nos		NC	NC
	1 litre	2 Nos		NC	NC
	2 litres			NC	NC
29.	Kettle	1 Nos		NC	NC
	1 litre	1 Nos		NC	NC
	2 litres			NC	NC
30.	Trolleys with upper and lower shelves	1 Nos		NC	NC
31.	Pint measure	2 Nos		NC	NC
32.	Galli posts	2 Nos		NC	NC
33.	Mugs	2 Nos		NC	NC
34.	Bottle brush	2 Nos		NC	NC
Instruments					
35.	Cheatle forceps	4 Nos	As mentioned in Section V of this bid document	NC	NC
36.	Sponge holding forceps	4 Nos		NC	NC
37.	Artery clamps	6 Nos		NC	NC
	Straight 6”	4 Nos		NC	NC
	Curved 6”			NC	NC
38.	Dissecting forceps	6 Nos		NC	NC
	Toothed 6”	6 Nos		NC	NC
	Non-Toothed 6”			NC	NC
39.	Mosquito Forceps	4 Nos		NC	NC
40.	Kocker’s	4 Nos		NC	NC
41.	Scissors	4 Nos		NC	NC
	Surgical 8”	4 Nos		NC	NC
	Bandage 8”	2 Nos		NC	NC
	Mayo’s Scissor	2 Nos			
	1. Straight			NC	NC
	2. Curved			NC	NC
42.	Tissue forceps	4 Nos		NC	NC
43.	Sinus forceps	4 Nos		NC	NC
44.	Biopsy Forceps	4 Nos		NC	NC
45.	Liver Biopsy Needle	4 Nos		NC	NC
46.	Alice Forceps	4 Nos		NC	NC
47.	Probe	4 Nos		NC	NC
48.	Groove director with probe	4 Nos		NC	NC
49.	Mouth Gag	4 Nos		NC	NC

50.	Tongue depressor	4 Nos		NC	NC
51.	Tongue holding forceps	4 Nos		NC	NC
52.	Nasal speculum	4 Nos		NC	NC
53.	Aural speculum	4 Nos		NC	NC
54.	Re-tractors	2 Nos		NC	NC
	- Single Hook	2 Nos		NC	NC
	- Double Hook			NC	NC
55.	Bladder sound	2 Nos		NC	NC
56.	Male urethral dilators	1 set		NC	NC
57.	Packing forceps	2 Nos		NC	NC
	Oral 6" (15.2 cm)	2 Nos		NC	NC
	Nasal Tilleys fine 55mm, 12.5 cm/5"			NC	NC
58.	Ear Irrigation syringe	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
59.	Ear speculum	3 Nos		NC	NC
60.	Shaving set	2 Nos		NC	NC
61.	Safety razor with blades	1 Nos		NC	NC
62.	Bard parker knife handle	2 Nos	As mentioned in Section V of this bid document	NC	NC
63.	Surgical blades different sizes	1 set		NC	NC
64.	Suction Catheters	4 set		NC	NC
65.	Airway	4 set		NC	NC
66.	Laryngoscope	2 set each		NC	NC
	Small			NC	NC
	Big			NC	NC
67.	Proctoscope	1 Nos		NC	NC
68.	IV Infusion set	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
				NC	NC
69.	Otoscope	1set	As mentioned in Section V of this bid document	NC	NC
70.	Direct Ophthalmoscope	1set		NC	NC
71.	Tracheostomy set with various size of tracheal tubes	1 set		NC	NC
72.	Head mirror	1 Nos		NC	NC
73.	Tuning fork set	1 Nos		NC	NC
74.	Blood Infusion set	1 Nos		NC	NC
75.	Oxygen cylinder with stand and humidifier	1 Nos	Standard Specification	Oxygen Cylinder with capacity of 10 ltr oxygen filled with trolley and humidifier	NC
76.	Oxygen mask with tubing	1 Nos		NC	6
Glassware					
77.	Measuring cups		As mentioned in Section V of this bid document	NC	NC
	240 ml	6 Nos		NC	NC
	120 ml	6 Nos		NC	NC
	30 ml	6 Nos		NC	NC
78.	Undine	2 Nos		NC	NC
79.	Eye wash cup	2 Nos		NC	NC
80.	Pipettes and droppers	2 Nos	Standard Specification as per revised operational	NC	NC
81.	Glass connections	6 each		NC	NC

	- Different Types e.g.: YTL		guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
82.	Wolfs Bottle	2 Nos	As mentioned in Section V of this bid document	NC	NC
83.	Conical flasks	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
				NC	NC
84.	Ounce glass :	6 Nos	As mentioned in Section V of this bid document	NC	NC
	4-ounce glass			NC	NC
	8-ounce glass			NC	NC
	16-ounce glass			NC	NC
85.	Dram glass	6 Nos		NC	NC
86.	Thermometers :			NC	NC
	Oral	6 Nos		NC	NC
	Rectal	6 Nos		NC	NC
87.	Pulse oxymeter	4 Nos		NC	NC
88.	Urinometer	6 Nos		NC	NC
89.	Lactometer	6 Nos		NC	NC
90.	Haemoglobinometer with 100 strips	6 Nos		NC	NC
91.	Specimen glasses	6 Nos		NC	NC
92.	Test tubes	24 Nos		NC	NC
	6 ml – 6 Nos			NC	NC
	10 ml – 6 Nos			NC	NC
	19 ml – 6 Nos			NC	NC
	36 ml – 6 Nos			NC	NC
93.	Glass slides with cover	2 boxes	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
94.	Bottles 500 ml capacity for lotions and mixtures	10 Nos	As mentioned in Section V of this bid document	NC	NC
95.	Atomizer	2 Nos		NC	NC
96.	Manometer	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
97.	Glucometer with 100 strips	2 Nos	As mentioned in Section V of this bid document	NC	NC
98.	Head mirror	1		NC	NC
Syringe and Needle					
99.	Syringes :		As mentioned in Section V of this bid document	NC	NC
	2ml	12 Nos		NC	NC
	5 ml	12 Nos		NC	NC
	10 ml	12 Nos		NC	NC
	20 ml	12 Nos		NC	NC
100	Tuberculin syringe	6 Nos	Standard Specification as per revised operational	NC	NC
101	Insulin syringe with needle	6 Nos	guidelines for pre-service	NC	NC

			education for nursing midwifery cadre in India		
102	Needles –All sizes	1 dozen each	As mentioned in Section V of this bid document	NC	NC
103	Lumbar puncture Needle	2 Nos		NC	NC
104	Trocar and	2 Nos		NC	NC
	cannula for abdominal paracentesis			NC	NC
105	IV cannulas different types and sizes	12 Nos		NC	NC
106	Biopsy needle	2 Nos		NC	NC
	Adult	2 Nos		NC	NC
	Children			NC	NC
107	Sternal puncture needle	2 Nos	NC	NC	
Suture Materials					
108	Needle Holder	6 each	As mentioned in Section V of this bid document	NC	NC
	6”			NC	NC
	7”			NC	NC
	8”			NC	NC
109	Suture cutting scissors :	3 each		NC	NC
	8”			NC	NC
	6”			NC	NC
110	Suture Needle	6 Nos		NC	NC
	Straight	6 Nos		NC	NC
	Curved			NC	NC
111	Suture thread:	6 tubes		NC	NC
	Silk	6 tubes		NC	NC
	Cotton			NC	NC
112	Catgut tube breaker	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
113	Suture clip	1 Packet		NC	NC
114	Suture clip applier and remover	2 Nos	NC	NC	
115	Mackintosh roll:	5 Nos	As mentioned in Section V of this bid document	NC	NC
	Full bed length	5 Nos		NC	NC
	Draw mackintosh	12Nos		NC	NC
	Extra for treatment and dressing			NC	NC
116	Hot water bag	5 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
117	Ice Caps:	6 Nos each	As mentioned in Section V of this bid document	NC	NC
	Ice Collar			NC	NC
	Corrugated rubber sheet			NC	NC
118	Gloves different sizes	Each size 5 nos.		NC	NC
119	Catheters	1 Each		NC	NC
	- Urinary catheter			NC	NC
	- Foley’s catheter			NC	NC
	- Nasal catheter			NC	NC
	- Plaint catheter			NC	NC
	- Rectal catheter			NC	NC
120	Finger stalls different sizes		NC	NC	

		6 sets each	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
121	Air rings	6 Nos	As mentioned in Section V of this bid document	NC	NC
122	Mucus sucker	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
				NC	NC
123	Breast Pump	2 Nos	As mentioned in Section V of this bid document	NC	NC
124	Nipple shield	2 Nos		NC	NC
125	Gastric lavage tube	2 Nos		NC	NC
126	Ryle's tube	6 Nos		NC	NC
127	Flatus tube	3 Nos		NC	NC
128	Blakemore Seng taken tube	3 Nos		NC	NC
129	Rubber tubes with different diameter and size		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
130	Rectal syringe with Nozzle	2 Nos		NC	NC
131	Ring Pessaries all sizes	2 each	As mentioned in Section V of this bid document	NC	NC
132	Douche nozzle different sizes	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
Miscellaneous Items					
133	Mortar and pestle	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
134	Nelsons inhaler	6 Nos	As mentioned in Section V of this bid document	NC	NC
135	Wooden shock blocks	2 pairs	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
136	Spirit lamp	6 Nos		NC	NC
137	Test tube stand	6 Nos		NC	NC
138	Test tube holder	12 Nos		NC	NC
139	Steriliser small	2 Nos	As mentioned in Section V of this bid document	NC	NC
140	Portable autoclave	1 Nos		NC	NC
141	Torch	2 Nos	Standard Specification	NC	NC
142	Nail Brush	6 Nos	As mentioned in Section V of this bid document	NC	NC
143	weighing scale :	2 Nos		NC	NC
	Adult	2 Nos		NC	NC
	Baby			NC	NC
144	Back rest	2 Nos		NC	NC
145	Splints different sizes	12 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
146	Bandages different sizes	12 each		NC	NC
147	Adhesive tapes	2 Nos		NC	NC
148	I.V stand	2 Nos		NC	NC
149	Tape measure	6 Nos		NC	NC
150	Bucket with cover	6 Nos		NC	NC

152	Comb	6 Nos	As mentioned in Section V of this bid document	NC	NC
153	Microscopes	2 Nos		NC	NC
154	Sphygmomanometer			NC	NC
	Aneroid	6 Nos		NC	NC
	Digital BP Sphygmomanometer	2Nos		NC	NC
155	Stethoscope	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
156	Soap and soap dish	12 Nos		NC	NC
157	Dust bins	6 Nos		NC	NC
158	Over bed table (Heart Table)	2 Nos		NC	NC
159	Screen/bed side curtains	2 Nos		NC	NC
160	Three-way adapter	5 Nos	As mentioned in Section V of this bid document	NC	NC
161	Dettol	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	1 Ltr
162	Phenyl	1		NC	1 Ltr
163	Methylated spirit	1		NC	1 Ltr
164	Benedict’s solution	1		NC	1 Ltr
165	Tr.Iodine /betadine	1		NC	500ml
166	Tr.Benzoin	1		NC	200ml
167	Nitric acid	1		NC	100ml
168	Acetic acid	1		NC	100ml
169	Sulphur powder	Half kg		NC	NC
170	Ammonium sulphate crystals	Half Kg		NC	NC
171	Vaseline	1		NC	500ml
172	Glycerine	1 bottle		NC	500ml
173	Liquid paraffin	1		NC	500ml
174	Potassium permanganate crystals	200 gm		NC	NC
175	Boric solution	1 bottle		NC	NC
176	Hydrogen peroxide	1		NC	NC
177	Sodium bi carbonate powder	200 gm		NC	NC
178	Litmus paper strips red and blue	2		NC	NC
Linen					
179	Mattress		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
	Adult	6		NC	NC
	child	2		NC	NC
180	Mattress cover	2		NC	NC
	- Adult			NC	NC
	- Child			NC	NC
181	Bed sheets	30		NC	NC
	Baby cot sheets	12		NC	NC
182	Draw sheets	12		NC	NC
183	Pillows-	12		NC	NC
	large	6		NC	NC
	Small			NC	NC
184	Pillow covers –	12		NC	NC
	large	6		NC	NC
	Small			NC	NC
185	Sandbag with covers	6		NC	NC
186	Blankets	12		NC	NC
187	Bedspreads	12		NC	NC

188	Towels	12		NC	NC
	-Bath	12		NC	NC
	-Hand	12		NC	NC
	-Surgical	12		NC	NC
	-Packing	6		NC	NC
	-Towel clips			NC	NC
189	Sponge cloth	12		NC	NC
190	Hot water Bag cover	12		NC	NC
191	Ice cap covers	12		NC	NC
192	Air ring/cushion covers	6		NC	NC
193	Gowns and mask	12 each		NC	NC
194	Patients clothes	12 set		NC	NC
	- Male	12 set		NC	NC
	- Female	6 set		NC	NC
	- Baby dresses of different sizes	12		NC	NC
	- Diapers different sizes			NC	NC
195	Trolley cover	5		NC	NC
196	Dirty linen bag/box	1		NC	NC
197	Leggings	2 pairs		NC	NC
198	Perineal sheets	5		NC	NC
199	Triangular Bandages	12		NC	NC
200	Many Tailed bandages	12		NC	NC
201	Eye shield	5		NC	NC
202	Dusters	24		NC	NC
203	Slings	6		NC	NC
204	T binder	2		NC	NC
205	Screen curtains	2 sets		NC	NC
Table 3: List of equipment for Community Health Nursing Laboratory				NC	NC
S.No	Brief Description of Goods and Services	Qty	Specification	NC	NC
1.	Eligible couple and child register	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
2.	Diary	2		NC	NC
3	Tables one for four students	12		Remove	
4	Chairs	50		Remove	
6.	Sterilizer	1		NC	NC
7.	Infant weighing scale	5		NC	NC
8.	Salter scale	1		NC	NC
9.	Spring scale	1		NC	NC
10.	Weighing machine	2		NC	NC
11.	Sphygmomanometers	5		NC	NC
12.	Stethoscopes	5		NC	NC
13.	Dari/mats for health education purpose	2		NC	NC
14.	A.V Aids on different topics in the form of posters (All communicable & Non Communicable Disease)	Added		NC	1 Each
15.	Flip charts and Flash cards	Added		NC	50+10

16.	Added			Community bag The bag should have separate compartments for clean articles, urine testing kit and hand washing kit	30
A.	Assessment articles:	1		NC	NC
	Thermometer	1		NC	NC
	Tape measure	1		NC	NC
	Stethoscope	1		NC	NC
	Foetus scope			NC	NC
B	Hand washing articles:	1		NC	NC
	Soap dish with soap	1		NC	NC
	Hand towel	1		NC	NC
	Nail Brush	1		NC	NC
	Waterproof bag			NC	NC
c	Urine testing Kit:	2		NC	NC
	Test Tubes	1		NC	NC
	Test tube holder	1		NC	NC
	Spirit lamb	1		NC	NC
	Dropper	1		NC	NC
	Benedict's solution in a bottle	1		NC	NC
	Glass syringe			NC	NC
D	Dressing Kit:	1		NC	NC
	- Bag of sterilised dressing	1		NC	NC
	- Antiseptic in a bottle	1		NC	NC
	- Artery forceps	1		NC	NC
	- Disserting forceps Non-toothed	1		NC	NC
	- Dissecting forceps toothed	1		NC	NC
	- Small bowl	1		NC	NC
	- Small kidney tray			NC	NC
	- Suture cutting scissors/dressing scissors			NC	NC
17.	Added			Wooden Cot (Khatia)	2
Table 4: List of equipment and Consumables for Nutrition Laboratory				NC	NC
S.No	Brief Description of Goods and Services	Qty	Specification	NC	NC
1.	Gas stoveswith cylinders/pipeline tubing's	6	Standard Specification as per revised operational guidelines for pre-service	NC	NC
2.	Gas lighters	6		NC	NC

3.	Pressure cookers of different sizes - 2 kg	6	education for nursing midwifery cadre in India	NC	NC	
4.	Pressure cooker -1 kg	6		NC	NC	
5.	Steel cooking vessels big, medium and small sizes	12		NC	NC	
6.	Cutlery set	1		NC	NC	
7.	Juice squeezer	1		NC	NC	
8.	Water reservoir	1		NC	NC	
9.	Saucepan with handle medium and small size	6		NC	NC	
10.	Spoons -serving spoons	6		NC	NC	
11.	Teaspoons	24		NC	NC	
12.	Tablespoons	12		NC	NC	
13.	Dessert spoons	12		NC	NC	
14.	Soup spoons	12		NC	NC	
15.	Rice serving spoons	4		NC	NC	
16.	Bowls	25		NC	NC	
17.	Soup bowls	36		NC	NC	
18.	Forks	36		NC	NC	
19.	Sieve	2		NC	NC	
20.	Tongs	6		NC	NC	
21.	Knives	6		NC	NC	
22.	Peeler	6		NC	NC	
23.	Vegetable cutters	6		NC	NC	
24.	Vegetable cutting plates	6		NC	NC	
25.	Water filter/Aqua guard	1		NC	NC	
26.	Flask	2		NC	NC	
27.	Frying pans	6		NC	NC	
28.	Tawa	6		NC	NC	
29.	Vessel holders (chimta)	6		NC	NC	
30.	Mixer with accessories	1		NC	NC	
31.	Glasses for drinking water (steel)	24		NC	NC	
32.	Glasses for drinking water (glass)	24		NC	NC	
33.	Kitchen weighing scale	1		NC	NC	
34.	Chapatti making plate and rolling pin	6		NC	NC	
35.	Measuring scoops	2 sets		NC	NC	
36.	Napkins	24		NC	NC	
37.	Glass bowls	24		NC	NC	
38.	Tea Strainer	6		NC	NC	
39.	Egg beater	6		NC	NC	
40.	Toaster	2		NC	NC	
41.	Microwave with appropriate cooking vessels	1		Microwave with appropriate cooking vessels not less then 14 ltr	NC	
42.	Dinner set (12 persons)	2		NC	NC	
43.	Tea set (12 persons)	2		NC	NC	
Table 5: List of Equipment and Consumables for Anatomy and Physiology Lab				NC	NC	
S.No	Brief Description of Goods and Services	Qty		Specification	NC	NC
				NC	NC	

1.	Adult Human articulated Skelton with hanging facility in a glass cupboard with locking facility	2 Nos	As mentioned in Section V of this bid document	Adult Human articulated Skelton with hanging facility in a glass cupboard with locking facility (Model)	NC
2.	Full set of dis-articulated adult human Skelton	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	Full set of dis-articulated adult human Skelton (Model)	NC
3.	Full size human body showing all muscles and arteries	2 Nos	Full Size Human Body Showing Muscles 8: Organs (86 Cm) Model	<p>Full Size Human Body Showing Muscles : Life Size human replica depicts deep and superficial musculature in addition to bodies major Neres, vessels, tissues and Organs. Internal Organs are removable (45 pieces in all) -Realistic coulured and mounted on convenient roller base. It includes following features:- ARM Shoulder muscles-5 Removable Heart-2 Leg/Hip Muscles-8 Head Including removable Brain-5 part Removable Lungs-2 Stomach-2 Part Removable 4 Parts Male and 2 parts female Gential. Detachable Arms, Legs and abdominal wall for study. Size:- 130 to 140cm x 50cm x 32 cm Wt:- 12 kg to 13 kg Standing 4.5 to 5 feet tall Warranty:- 3 Years</p>	NC
			This full size high quality muscular figure represents a wide variety of human anatomical structures with accurate details. Hence its suitable for various medical colleges, universities, nursing training institutes, laboratories & hospitals. This model consists of 27 parts, such as muscles of chest wall and abdomen, muscles of upper and lower limbs, skull, brain and viscus. It shows the structure of head, neck, torso, upper and lower limbs, muscles, musculartendon, ligaments, viscus, blood vessels, brain, etc.		NC
			Material: Advanced PVC and painted with imported paint.		NC
4.	Human Torso	2 Nos- Male		NC	NC
	• Male	2 Nos- Female		NC	NC
	• Female			NC	NC
5.	Skin cross section	2 Nos		Skin cross section model	NC
6.	Heart and large blood vessels	2 Nos		Heart and large blood vessels model	NC
7.	Ear with different sections	2 Nos		Ear with different sections Model	NC
8.	Eye with different sections	2 Nos		Eye with different sections Model	NC
9.	Heart with detachable parts on a stand	2 Nos	Standard Specification as per revised operational guidelines for pre-service	NC	NC

			education for nursing midwifery cadre in India		
10.	Human brain with spinal cord	2 Nos	As mentioned in Section V of this bid document	NC	NC
11.	Lungs and trachea	2 Nos		NC	NC
12.	Larynx	2 Nos		NC	NC
13.	Digestive system	2 Nos		NC	NC
	• Stomach			NC	NC
	• Small intestine			NC	NC
	• Large intestine			NC	NC
14.	Female reproductive system	2 Nos		NC	NC
	• Uterus on stand			NC	NC
	• Ovaries			NC	NC
	• Microscopic structure			NC	NC
	• Macroscopic structure			NC	NC
15.	Male reproductive system	2 Nos		NC	NC
16.	Urinary system	2 Nos		NC	NC
	• kidney			NC	NC
	- macroscopic structure			NC	NC
	- microscopic structure			NC	NC
17.	Joints and ligaments	Wrist – 2 Nos		NC	NC
	Wrist	Elbow- 2 Nos		NC	NC
	Elbow	Shoulder- 2 Nos		NC	NC
	Shoulder	Ankle- 2 Nos		NC	NC
	Ankle	Knee- 2Nos		NC	NC
	Knee	Hip – 2 Nos		NC	NC
	Hip			NC	NC
				NC	NC
18.	Teeth	2 Nos		NC	NC
Charts					
19.	Skeleton system	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
20.	Muscular system	2 Nos		NC	NC
	Showing different muscles of body			NC	NC
21.	Joints and ligaments	2 Nos		NC	NC
22.	Nervous system	2 Nos		NC	NC
	- Brain			NC	NC
	- Spinal cord			NC	NC
23.	Cardiovascular system	2 Nos		NC	NC
24.	Respiratory system	2 Nos		NC	NC
25.	Lungs	2 Nos		NC	NC
26.	Trachea	2 Nos		NC	NC
27.	Larynx	2 Nos		NC	NC

28.	Digestive system	2 Nos		NC	NC	
29.	Oral cavity	2 Nos		NC	NC	
30.	Teeth	2 Nos		NC	NC	
31.	Stomach pancreas and spleen	2 Nos		NC	NC	
32.	Small intestine	2 Nos		NC	NC	
33.	Large intestine	2 Nos		NC	NC	
34.	Liver and gall bladder	2 Nos		NC	NC	
35.	Kidney macroscopic structure	2 Nos		NC	NC	
36.	Kidney microscopic structure	2 Nos		NC	NC	
37.	Skin	2 Nos		NC	NC	
38.	Eye	2 Nos		NC	NC	
39.	Ear	2 Nos		NC	NC	
40.	Female reproductive system	2 Nos		NC	NC	
41.	Menstrual Cycle	2 Nos		NC	NC	
42.	Male Reproductive system	2 Nos		NC	NC	
43.	Endocrine gland	2 Nos		NC	NC	
44.	Charts on First Air:	1 each		NC	NC	
	• First Aid for Burn			NC	NC	
	• Cardiac Pulmonary Resuscitation			NC	NC	
	<input type="checkbox"/>			Transportation	1	
	- Adult			NC	NC	
	- Children			NC	NC	
	- Infant			NC	NC	
	• First Aid chart for emergencies such as fracture, drowning, wound, poisoning, bites			NC	NC	
• Bandaging	NC	NC				
List of Consumables for MCH Skill Lab						
S. No	Brief Description of Goods and Services	Qty		Specification	NC	NC
					NC	NC
1	Lancets	2 pkt		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
2	Distilled water	1 box			NC	NC
3	N/10 HCL	5			NC	NC
4	Dropper (plastic)	10			NC	NC
5	Test strips & Lancets	1 pkt			NC	NC
6	RDT Malaria Kit	2			NC	NC
7	Glucometer Strips	1pkt			NC	NC
8	Gloves	1 box of each size			NC	NC
9	2ml, 5ml and 10ml syringes	1 box of each size			NC	NC
10	Pregnancy detection kit	2			NC	NC
11	Urin Specimen container 20ml	100			NC	NC
12	Benedict's solution	500 ml			NC	NC
13	Acetic acid	200 ml			NC	NC
14	Match box	1 big box			NC	NC
15	Uristix	2 pkt			NC	NC
16	Spirit	500 ml			NC	NC

55	Shoe cover dispenser	2		NC	NC
56	Soft brush	5		NC	NC
57	Liquid/powder detergent	500gm		NC	NC
58	Wooden stirrer/stick	1 pkt		NC	NC
59	Plastic mug	10		NC	NC
60	Measuring jar	2		NC	NC
61	Linen Items	Quantity	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
62	Bed Sheets	10		NC	NC
63	Mackintosh	10mt.		NC	NC
64	Pillow	4		NC	NC
65	Pillow Cover	8		NC	NC
66	Blankets	4		NC	NC
67	Green cloth sheets 100X100cm	6		NC	NC
68	Green cloth sheets 60X40cm	6		NC	NC
69	Towel big	4		NC	NC
70	Towel Medium	4		NC	NC
71	Hand Towel	6		NC	NC
72	Hand Sanitizer	2 bottle		NC	NC
73	Sanitizer Stand	2		NC	NC
74	Liquid Hand wash	2		NC	NC
List of A. V. Aids				NC	NC
S. No	Brief Description of Goods and Services	Qty	Specification	NC	NC
				NC	NC
1	Projector with high definition	added	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	Projector with high definition LCD Projector	1
2	Speaker	added		NC	1
3	Mike	added		NC	1
1	Additional Points			NC	NC
2				NC	NC
3				NC	NC
4				NC	NC
5				NC	NC

Annexure-II

Amended List of Equipment's/Apparatus For ANM Nursing

Table 1: List of equipment for MCH Skill Lab

S.No	Brief Description of Goods and Services	Qty	Specification	Amendment	
				Specification	Qty
1- Antenatal care					
1	Abdominal palation mannequin with Leopold manoeuvre	4	As mentioned in Section V of this bid document	NC	2
2	Human foetus replicas	Added		NC	2
3	BP apparatus Manual	4		BP apparatus Manual	2
			Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	BP apparatus digital	2
4	Stethoscope	4		NC	NC
5	Fetoscope	4		NC	NC
6	Thermometer(Digital)	4	As mentioned in Section V of this bid document	NC	NC
7	Measuring tape	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
8	Dictaphone	2	As mentioned in Section V of this bid document	NC	NC
9	Watch with second hand	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	Wall Clock	NC
10	Adult Weighing scale	2		NC	NC
11	Heamoglobinometer with 100 strips/cuvettee	6		NC	2
12	Glucometer (Plasma) with 100 strips/cuvettee	6	As mentioned in Section V of this bid document	NC	2
13	Pipette and stirrer	6	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
14	Steel bowl 4"	10		NC	NC
15	EDD calculator chart	2		NC	NC
16	Family planning kit	1		NC	2
17	Family planning flip book	1		NC	NC
18	BPCR flip book	1		NC	NC
19	Kidney tray medium	4	As mentioned in Section V of this bid document	NC	NC
20	Hub cutter	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
21	Puncture proof container	2		NC	NC
22	Spirit lamp	6		NC	NC
23	Test tube	1 box		NC	NC
24	Test tube holder	10		NC	NC
25	Steel tray big and medium	2+2		NC	NC
Labour Room and NBCC					
26	Childbirth simulator with episiotomy repair attachments	4	As mentioned in Section V of this bid document	NC	2
27	Cervical dilatation board	2		NC	NC
28	Cervical dilatation block	2		NC	NC
29	Pelvis	4		NC	NC

30	Foetal skull model	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
31	Neo Natalie	4		NC	2
32	Baby doll	2		NC	NC
33	Artery forceps	4		NC	NC
34	Straight scissors	2	As mentioned in Section V of this bid document	NC	NC
35	Curved scissor (Episiotomy scissors)	2		NC	NC
36	Kidney tray small, medium and large	2+2+2	As mentioned in Section V of this bid document	NC	NC
37	Niddle holder small and medium	2+2	As mentioned in Section V of this bid document	NC	NC
38	Toothed dissecting forceps	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
39	Cheatle forceps	2	As mentioned in Section V of this bid document	NC	NC
40	Cheatle forceps holder	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
41	Radiant warmer	1	As mentioned in Section V of this bid document	NC	NC
42	Foot operated suction machine	1	As mentioned in Section V of this bid document	NC	NC
43	NR bag	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
44	Baby weighing machine	2		NC	NC
45	Infantometer/Penguin mucus sucker	2		NC	Infantometer-1, Penguin mucus sucker-1
46	Shoulder roll	2		NC	NC
47	Stop watch	2		NC	NC
48	Self-inflating resuscitation bag (500 & 250 MI capacity)	2 each		NC	NC
49	Mask 0 and 1 size	2 each		NC	NC
50	Oxygen Hood	2	As mentioned in Section V of this bid document	NC	NC
51	Hanging weigher	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
52	Trays to be kept in the labor room: Delivery tray, Episiotomy tray, Baby tray, Medicine tray, Emergency Drug tray, MVA tray and PPIUCD tray	2 set of each	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
53	Steel bowl 6"	4	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
54	Hub cutter	1		NC	2
55	Puncture proof container	1		NC	2
Post-natal Care				NC	NC

56	Child Birth Simulator with 48 hr postpartum uterus attachment and episiotomy repair attachments	2	As mentioned in Section V of this bid document	NC	NC
57	Neo Natalie	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
58	Baby doll	1		NC	NC
59	KMC wrap	2		NC	NC
60	Artery forceps (small + big)	2 + 2	As mentioned in Section V of this bid document	NC	NC
61	Kidney tray small, medium and large	2+2+2	As mentioned in Section V of this bid document	NC	NC
62	Straight scissors	2		NC	NC
63	Curved scissor (Episiotomy scissors)	2		NC	NC
64	Niddle holder small and medium	2	As mentioned in Section V of this bid document	NC	NC
65	Toothed dissecting forceps	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
66	Plastic Basin(big)	2		NC	NC
67	Kelly's Pad	2		NC	NC
68	Cheatle forceps	2	As mentioned in Section V of this bid document	NC	NC
69	Cheatle forceps holder	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
70	Steel bowl 6"	4	As mentioned in Section V of this bid document	NC	NC
71	Puncture proof container	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
Complication Management (MNH)					
72	Adult Iv arm training Kit	2	As mentioned in Section V of this bid document	NC	NC
73	IM Injection Training mannequin	2	As mentioned in Section V of this bid document	NC	NC
74	Catheterization Model	2	As mentioned in Section V of this bid document	NC	NC
75	Mannuequin for Simulation and Management of PPH (Mama Natalie)	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC

76	Adult CPR mannequin	1	§ Adult CPR mannequin should have features to demonstrate opening of airway, head tilt/chin lift or jaw thrust techniques. § Adult CPR mannequin should have disposable airways § Adult CPR mannequin should have removable, reusable faces § Adult CPR mannequin should have a “clicker” which confirms correct compression depth § Adult CPR mannequin should have compression spring for consistent resistance § Adult CPR mannequin should have weight: 3.9kg and HxWxD: 25 in x 8.5 in x 13.5 in § Additional Accessories: o 6 Reusable mannequin Faces o 6 Airways o 50 Mannequin Wipes	NC	NC
77	Scissors	10		NC	9
78	Kidney Tray	10		NC	2+2+2
79	Artery forceps	6 Medium	As mentioned in Section V of this bid document	NC	NC
80	Steel bowl (4 Inches)	6		NC	NC
Family Planning					
81	Zoe model with post- partum Uterus	2	As mentioned in Section V of this bid document	NC	NC
82	Anteverted and retroverted uterus	1 each	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
83	Hand held uterus model	5	As mentioned in Section V of this bid document	NC	2
84	Penile model	5	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	2
85	FP counselling kit	1		NC	NC
86	Contraceptive basket	1		NC	NC
87	Plastic basin containing	1		NC	NC
a	OCP (Mala-N)	1 strip		NC	NC
b	Cu-T 3801A,	1		NC	NC
c	Cu375 (Multi-load)	1		NC	NC
d	Male/Female condoms	1pkt each		NC	NC
e	Emergency pills	1		NC	NC
88	Family planning flipchart	1		NC	NC
89	MEC wheel and blanket	1		NC	NC
90	EDD Calculation Chart	4		NC	NC
91	Sims speculum	3		NC	NC

92	Cuscus speculum	2		NC	NC
93	Long artery forceps	4		NC	NC
94	Mayo's scissors	2		NC	NC
95	Vulsellum/Tenaculum	3		NC	NC
96	Uterine sound	3		NC	NC
97	Anterior Vaginal wall retractor	2		NC	NC
98	Steel bowl	3		NC	NC
99	Sponge holder	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
100	PPIUCD forceps	1	As mentioned in Section V of this bid document	NC	NC
101	Kidney tray medium	5		NC	NC
Infection Prevention					
102	Water Source		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
103	Large Plastic tub	2		NC	NC
104	Clean cloth	05 set		NC	NC
105	SS drum	2		NC	NC
106	Hub Cutter	2		NC	NC
107	Puncture Proof, leak Proof, tamper Proof container	2		NC	NC
108	Cheatle forceps	2	As mentioned in Section V of this bid document	NC	NC
109	Cheatle forceps holder	2		NC	NC
110	Boiler	2	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	1
111	Autoclave	2	§ The autoclave should be of 20 L capacity and must be Stand-Alone Bench Top autoclave § The autoclave should have automatic single door, self-sealing with high-quality silicon gasket § The autoclave should have chamber diameter 25 cm, depth 45 cm § The autoclave should have pre-set automatic cycles for unwrapped instruments, wrapped instruments /packs § The autoclave should have slow exhaust and drying cycle § The autoclave should have two automatic programmes which are 2.2 bar at 134. C and 121.C § The autoclave should be fitted with 5 L water reservoir could be manually filled,	§ The autoclave should be of 20 L capacity and must be Stand-Alone Bench Top autoclave § All body made of Stainless Steel. § Fitted with pressure gauge. § The unit has spring loaded safety valve of pressure adjustment and a dead weight safety valve. § It is hydraulically tested up to 30 PSI & Plug, supplied completed with Tripod Stand. § To work on 220/330Volt AC Supply § Certification required ISO 9001	1

			<p>automatic for at least 10 cycles</p> <p>§ The autoclave should have auto power shut-off upon completion of each cycle</p> <p>§ The autoclave should have 3 removable shelves, instruments trays and double safety door locking device</p> <p>§ The autoclave should have safety feature to protect against over-pressure and over-temperature</p> <p>§ The autoclave should have audible and visual alert upon cycle interruption or completion</p> <p>§ The autoclave should have unwrapped cycle time: cold 30 min, hot 20 min</p> <p>§ The autoclave should have control panel with alpha-numerical display and cycle indicators</p> <p>§ The autoclave should have air vents situated laterally and need to be manually closed after sterilization</p> <p>§ TST (Temperature Steam Time) control spot must be self-adhesive and the color changes must be irreversible when sterilized, attachable to steam sterilizing containers</p> <p>§ Power requirement for the autoclave must be 220 V/50 Hz single phase</p> <p>§ Power consumption of autoclave not more than 3000 W</p> <p>§ The autoclave should have device safety certification according CE 93/42, FDA 510k or equivalent</p> <p>§ Additional accessories:</p> <p>§ Set of 3 matching instruments baskets</p> <p>§ Set of 3 matching sterilizing drums</p> <p>§ 3 roll of sterilization indicator TST control spots</p> <p>§ 3 boxes paper sheet and crepe for sterilization pack</p>	
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			§ 3 rolls of adhesive tape for sterilization pack § 10 spare set of fuses § 1 box TST (Temperature Steam Time) control spot, (box of 50 TST), plus 1 record sheet § 2 stainless steel cylindrical sterilizing drum of 165 mm diameter § Thickness steel: 0.8 mm § Diameter, approx: 165 mm § Height, approx: 100 mm		
112	Big steam steriliser	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
113	Plastic Container (Closed)	4		NC	NC
Additional Items					
114	shoe dispenser	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
115	IV Stand	2		NC	NC
116	Tourniquete	10		NC	NC
Table 2: List of Models and equipment for Nursing Foundation Lab					
S.No	Brief Description of Goods and Services	Qty	Specification	NC	NC
				NC	NC
1.	Patient cots (adult)	6 Nos	Dimension 800 mm X 900 mm X 550 mm, Frame Material Stainless Steel	Dimension 1800 mm X 900 mm X 550 mm, Frame Material Stainless Steel, Plain Patient Cot Adult, Frame Material M.S., with side rail	NC
2.	Patient Cots (child)	2 Nos		NC	NC
3.	Bed side locker	8 Nos		NC	NC
4.	Stools/chair	8 Nos	18 - 27 Inch	NC	NC
Mannequins and models				NC	NC
5.	Adult male	3 Nos	Material PVC	NC	NC
			Width 14"	NC	NC
			Height 6 ft.	NC	NC

			Full body life like Male Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises	Full body life like Male Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises having following fetures:- Oxygen Inhaling *Oral & Nasal feeding *Gastro Lavage *Main organs in the thoracic cavity *Male urethral catheterization *Female urethral catheterization *Male bladder irrigation *Ostomy *Buttocks intramuscular injection *Main organs in the abdominal wall *Holistic nursing: sponge bath, replacing clothes *Tracheotomy care Package size : 127*48*22cm G.W.: 16.2KGS	NC
6.	Adult female	3 Nos	Material PVC	NC	NC
			Width 12"	NC	NC
			Height 5.11 ft.	NC	NC

			Full body life like Female Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises	Full body life like Male Manikin specially designed for professional Trauma Nursing care and High-quality manikin provides wide range of exercises having following fetures:- Oxygen Inhaling *Oral & Nasal feeding *Gastro Lavage *Main organs in the thoracic cavity *Male urethral catheterization *Female urethral catheterization *Male bladder irrigation *Ostomy *Buttocks intramuscular injection *Main organs in the abdominal wall *Holistic nursing: sponge bath, replacing clothes *Tracheotomy care Package size : 127*48*22cm G.W.: 16.2KGS	NC
7.	Child	2 Nos	Weight 6kg	NC	NC
			Dimensions 89x38x22.25	NC	NC
			Soft childlike face skin	NC	NC
			Self-moulded hair	NC	NC
			Eyes open and close in realistic eye sockets for ophthalmic procedures	NC	NC
			Fully articulating head and jaw with teeth and tongue	NC	NC
			NG and Otic exercises	NC	NC
			Bends at wrist	NC	NC
			Jointed elbows, wrist, knees and ankles	NC	NC
			Realistic hands, feet, fingers and toes	NC	NC
			Soft upper body skin over hard upper body for realistic feel	NC	NC
8.	Newborn	2 Nos	Length 52cm	NC	NC
			Head diameter 34cm	NC	NC
			Material Plastic PVC	NC	NC
				NC	NC
9.	CPR	1 Nos	Can perform airway open	NC	NC

			Can perform artificial breathing and external cardiac compression	NC	NC
			While performing artificial aspiration, judge inflation volume by chest rise;	NC	NC
			E49 External chest compression, correct compression depth: 5-6 cm Correct compression site, prompt correct buzzing sound Excessive compression site, prompt alarming buzzing sound	NC	NC
Instrument				NC	NC
10.	Trays of different Sizes	6 Nos	As mentioned in Section V of this bid document	Trays of different Sizes (+/- 5%)	NC
	24*16	6 Nos		24*16	NC
	14*10	6 Nos		14*10	NC
	11*9	6 Nos		11*9	NC
	8*5			8*5	NC
11.	Trays with cover –Assorted sizes	6 Nos	As mentioned in Section V of this bid document	Trays with cover –Assorted sizes (+/- 5%)	NC
	24* 16			24* 16	NC
	14*10			14*10	NC
	11*9			11*9	NC
	8*5			8*5	NC
12.	Bowls with cover	12 Nos	As mentioned in Section V of this bid document	Bowls with cover (+/- 5%)	NC
	6" diameters	12 Nos		6" diameters	NC
	4" diameters			4" diameters	NC
13.	Enema can	4 Nos		NC	NC
	1 litre	4 Nos		NC	NC
	2 500ml			NC	NC
14.	Kidney trays of assorted sizes	15 Nos		Kidney trays of assorted sizes (+/- 5%)	NC
	150x70x30 mm			150x70x30 mm	NC
	200x90x40 mm			200x90x40 mm	NC
	250x100x50 mm			250x100x50 mm	NC
	250x150x40 mm			250x150x40 mm	NC
15.	Measuring Jugs	6 Nos		Measuring Jugs (+/- 5%)	NC
	1000 ml	6 Nos		1000 ml	NC
	500 ml	6 Nos		500 ml	NC
	250 ml			250 ml	NC
16.	Basins:	12 Nos		NC	NC
	Assorted size basins			NC	NC
	Big (400mm/16")			NC	NC
	Medium(350mm/14")			NC	NC
	Medium(350mm/14")			NC	NC

17.	Catheter dish with cover	4 Nos		Made of SS medium size	NC
18.	Knife with cover	6 Nos		Made of SS medium size	NC
19.	Feeding cups	6 Nos		Made of SS	NC
20.	Douche can	6 Nos		NC	NC
21.	Sputum mugs	6 Nos		Made of SS	NC
22.	Bed pans	6 Nos		NC	NC
23.	Urinal –male	6 Nos		NC	NC
24.	Funnel	6 Nos		NC	NC
	4” diameters	6 Nos		NC	NC
	2” diameters			NC	NC
25.	Jars with covers	2 Nos		NC	NC
	12x8”	2 Nos		NC	NC
	6x4”			NC	NC
26.	Dressing Drums	2 Nos		NC	NC
	8x4”	2 Nos		NC	NC
	12x9”			NC	NC
27.	Tub for Sitz bath	1 Nos		NC	NC
28.	Saucepan with lid	2 Nos		NC	NC
	1 litre	2 Nos		NC	NC
	2 litres			NC	NC
29.	Kettle	1 Nos		NC	NC
	1 litre	1 Nos		NC	NC
	2 litres			NC	NC
30.	Trolleys with upper and lower shelves	1 Nos		NC	NC
31.	Pint measure	2 Nos		NC	NC
32.	Galli posts	2 Nos		NC	NC
33.	Mugs	2 Nos		NC	NC
34.	Bottle brush	2 Nos		NC	NC
Instruments					
35.	Cheatle forceps	4 Nos	As mentioned in Section V of this bid document	NC	NC
36.	Sponge holding forceps	4 Nos		NC	NC
37.	Artery clamps	6 Nos		NC	NC
	Straight 6”	4 Nos		NC	NC
	Curved 6”			NC	NC
38.	Dissecting forceps	6 Nos		NC	NC
	Toothed 6”	6 Nos		NC	NC
	Non-Toothed 6”			NC	NC
39.	Mosquito Forceps	4 Nos		NC	NC
40.	Kocker’s	4 Nos		NC	NC
41.	Scissors	4 Nos		NC	NC
	Surgical 8”	4 Nos		NC	NC
	Bandage 8”	2 Nos		NC	NC
	Mayo’s Scissor	2 Nos			
	1. Straight			NC	NC
	2. Curved			NC	NC
42.	Tissue forceps	4 Nos		Remove	
43.	Sinus forceps	4 Nos			

44.	Biopsy Forceps	4 Nos			
45.	Liver Biopsy Needle	4 Nos			
46.	Alice Forceps	4 Nos			
47.	Probe	4 Nos			
48.	Groove director with probe	4 Nos			
49.	Mouth Gag	4 Nos			
50.	Tongue depressor	4 Nos			
51.	Tongue holding forceps	4 Nos			
52.	Nasal speculum	4 Nos			
53.	Aural speculum	4 Nos			
54.	Re-tractors	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India		
	- Single Hook	2 Nos			
	- Double Hook				
55.	Bladder sound	2 Nos			
56.	Male urethral dilators	1 set			
57.	Packing forceps	2 Nos			
	Oral 6" (15.2 cm)	2 Nos			
	Nasal Tilleys fine 55mm, 12.5 cm/5"				
58.	Ear Irrigation syringe	2 Nos			
59.	Ear speculum	3 Nos			
60.	Shaving set	2 Nos	As mentioned in Section V of this bid document		
61.	Safety razor with blades	1 Nos			
62.	Bard parker knife handle	2 Nos			
63.	Surgical blades different sizes	1 set			
64.	Suction Catheters	4 set			
65.	Airway	4 set			
66.	Laryngoscope	2 set each			
	Small				
	Big				
67.	Proctoscope	1 Nos			
68.	IV Infusion set	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India		
69.	Otoscope	1set	As mentioned in Section V of this bid document		
70.	Direct Ophthalmoscope	1set			
71.	Tracheostomy set with various size of tracheal tubes	1 set			
72.	Head mirror	1 Nos			
73.	Tuning fork set	1 Nos			
74.	Blood Infusion set	1 Nos			
75.	Oxygen cylinder with stand and humidifier	1 Nos	Standard Specification	Oxygen Cylinder with capacity of 10 ltr oxygen filled with trolley and humidifier	NC
76.	Oxygen mask with tubing	1 Nos		NC	6
Glassware					
77.	Measuring cups		As mentioned in Section V of this bid document	NC	NC
	240 ml	6 Nos		NC	NC

	120 ml	6 Nos		NC	NC
	30 ml	6 Nos		NC	NC
78.	Undine	2 Nos		NC	NC
79.	Eye wash cup	2 Nos		NC	NC
80.	Pipettes and droppers	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
81.	Glass connections	6 each		NC	NC
	- Different Types e.g.: YTL			NC	NC
82.	Wolfs Bottle	2 Nos	As mentioned in Section V of this bid document	NC	NC
83.	Conical flasks	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
				NC	NC
84.	Ounce glass :	6 Nos	As mentioned in Section V of this bid document	NC	NC
	4-ounce glass			NC	NC
	8-ounce glass			NC	NC
	16-ounce glass			NC	NC
85.	Dram glass	6 Nos		NC	NC
86.	Thermometers :			NC	NC
	Oral	6 Nos		NC	NC
	Rectal	6 Nos		NC	NC
87.	Pulse oxymeter	4 Nos		NC	NC
88.	Urinometer	6 Nos		NC	NC
89.	Lactometer	6 Nos		NC	NC
90.	Haemoglobinometer with 100 strips	6 Nos		NC	NC
91.	Specimen glasses	6 Nos		NC	NC
92.	Test tubes	24 Nos		NC	NC
	6 ml – 6 Nos			NC	NC
	10 ml – 6 Nos			NC	NC
	19 ml – 6 Nos			NC	NC
	36 ml – 6 Nos			NC	NC
93.	Glass slides with cover	2 boxes	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
				NC	NC
94.	Bottles 500 ml capacity for lotions and mixtures	10 Nos	As mentioned in Section V of this bid document	NC	NC
95.	Atomizer	2 Nos		NC	NC
96.	Manometer	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
				NC	NC
97.	Glucometer with 100 strips	2 Nos	As mentioned in Section V of this bid document	NC	NC
98.	Head mirror	1		NC	NC
Syringe and Needle					
99.	Syringes :		As mentioned in Section V of this bid document	NC	NC
	2ml	12 Nos		NC	NC
	5 ml	12 Nos		NC	NC

	10 ml	12 Nos		NC	NC
	20 ml	12 Nos		NC	NC
100	Tuberculin syringe	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
101	Insulin syringe with needle	6 Nos		NC	NC
102	Needles –All sizes	1 dozen each		NC	NC
103	Lumbar puncture Needle	2 Nos		Remove	
104	Trocar and cannula for abdominal paracentesis	2 Nos		Remove	
105	IV cannulas different types and sizes	12 Nos	As mentioned in Section V of this bid document	NC	NC
106	Biopsy needle	2 Nos		Remove	
	Adult	2 Nos		Remove	
	Children			Remove	
107	Sternal puncture needle	2 Nos		Remove	
Suture Materials					
108	Needle Holder			NC	NC
	6"	6 each		NC	NC
	7"			NC	NC
	8"			NC	NC
109	Suture cutting scissors :			NC	NC
	8"	3 each		NC	NC
	6"		As mentioned in Section V of this bid document	NC	NC
110	Suture Needle	6 Nos		NC	NC
	Straight	6 Nos		NC	NC
	Curved			NC	NC
111	Suture thread:	6 tubes		NC	NC
	Silk	6 tubes		NC	NC
	Cotton			NC	NC
112	Catgut tube breaker	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
113	Suture clip	1 Packet		NC	NC
114	Suture clip applier and remover	2 Nos		Remove	
115	Mackintosh roll:	5 Nos		NC	NC
	Full bed length	5 Nos	As mentioned in Section V of this bid document	NC	NC
	Draw mackintosh	12Nos		NC	NC
	Extra for treatment and dressing			NC	NC
116	Hot water bag	5 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
117	Ice Caps:			NC	NC
	Ice Collar	6 Nos each		NC	NC
	Corrugated rubber sheet			NC	NC
118	Gloves different sizes	Each size 5 nos.	As mentioned in Section V of this bid document	NC	NC
119	Catheters			NC	NC
	- Urinary catheter	1 Each		NC	NC

	- Foley's catheter			NC	NC
	- Nasal catheter			NC	NC
	- Plait catheter			NC	NC
	- Rectal catheter			NC	NC
120	Finger stalls different sizes	6 sets each	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
121	Air rings	6 Nos	As mentioned in Section V of this bid document	NC	NC
122	Mucus sucker	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
123	Breast Pump	2 Nos	As mentioned in Section V of this bid document	NC	NC
124	Nipple shield	2 Nos		NC	NC
125	Gastric lavage tube	2 Nos		NC	NC
126	Ryle's tube	6 Nos		NC	NC
127	Flatus tube	3 Nos		NC	NC
128	Blakemore Seng taken tube	3 Nos		Remove	
129	Rubber tubes with different diameter and size		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
130	Rectal syringe with Nozzle	2 Nos		NC	NC
131	Ring Pessaries all sizes	2 each	As mentioned in Section V of this bid document	NC	NC
132	Douche nozzle different sizes	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
Miscellaneous Items					
133	Mortar and pestle	6 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
134	Nelsons inhaler	6 Nos	As mentioned in Section V of this bid document	NC	NC
135	Wooden shock blocks	2 pairs	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
136	Spirit lamp	6 Nos		NC	NC
137	Test tube stand	6 Nos		NC	NC
138	Test tube holder	12 Nos		NC	NC
139	Steriliser small	2 Nos	As mentioned in Section V of this bid document	NC	NC
140	Portable autoclave	1 Nos		NC	NC
141	Torch	2 Nos	Standard Specification	NC	NC
142	Nail Brush	6 Nos	As mentioned in Section V of this bid document	NC	NC
143	weighing scale :	2 Nos		NC	NC
	Adult	2 Nos		NC	NC
	Baby			NC	NC
144	Back rest	2 Nos		NC	NC
145	Splints different sizes	12 Nos	Standard Specification as per revised operational	NC	NC
146	Bandages different sizes	12 each		NC	NC

147	Adhesive tapes	2 Nos	guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
148	I.V stand	2 Nos		NC	NC
149	Tape measure	6 Nos		NC	NC
150	Bucket with cover	6 Nos	As mentioned in Section V of this bid document	NC	NC
152	Comb	6 Nos		NC	NC
153	Microscopes	2 Nos		Remove	
154	Sphygmomanometer			NC	NC
	Aneroid	6 Nos		NC	NC
	Digital BP Sphygmomanometer	2Nos		NC	NC
155	Stethoscope	6 Nos		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC
156	Soap and soap dish	12 Nos	NC		NC
157	Dust bins	6 Nos	NC		NC
158	Over bed table (Heart Table)	2 Nos	Remove		
159	Screen/bed side curtains	2 Nos	NC		NC
160	Three-way adapter	5 Nos	As mentioned in Section V of this bid document	NC	NC
161	Dettol	1	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	1 Ltr
162	Phenyl	1		NC	1 Ltr
163	Methylated spirit	1		NC	1 Ltr
164	Benedict’s solution	1		NC	1 Ltr
165	Tr.Iodine /betadine	1		NC	500ml
166	Tr.Benzoin	1		NC	200ml
167	Nitric acid	1		NC	100ml
168	Acetic acid	1		NC	100ml
169	Sulphur powder	Half kg		NC	NC
170	Ammonium sulphate crystals	Half Kg		NC	NC
171	Vaseline	1		NC	500ml
172	Glycerine	1 bottle		NC	500ml
173	Liquid paraffin	1		NC	500ml
174	Potassium permanganate crystals	200 gm		NC	NC
175	Boric solution	1 bottle		NC	NC
176	Hydrogen peroxide	1		NC	NC
177	Sodium bi carbonate powder	200 gm		NC	NC
178	Litmus paper strips red and blue	2		NC	NC
Linen					
179	Mattress		Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
	Adult	6		NC	NC
	child	2		NC	NC
180	Mattress cover	2		NC	NC
	- Adult			NC	NC
	- Child			NC	NC
181	Bed sheets	30		NC	NC
	Baby cot sheets	12		NC	NC
182	Draw sheets	12		NC	NC
183	Pillows-	12		NC	NC
	large	6		NC	NC
	Small			NC	NC
184	Pillow covers –	12		NC	NC
	large	6		NC	NC

S.No	Brief Description of Goods and Services	Qty	Specification	NC	NC
1.	Gas stoveswith cylinders/pipeline tubing's	6	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
2.	Gas lighters	6		NC	NC
3.	Pressure cookers of different sizes - 2 kg	6		NC	NC
4.	Pressure cooker -1 kg	6		NC	NC
5.	Steel cooking vessels big, medium and small sizes	12		NC	NC
6.	Cutlery set	1		NC	NC
7.	Juice squeezer	1		NC	NC
8.	Water reservoir	1		NC	NC
9.	Saucepan with handle medium and small size	6		NC	NC
10.	Spoons -serving spoons	6		NC	NC
11.	Teaspoons	24		NC	NC
12.	Tablespoons	12		NC	NC
13.	Dessert spoons	12		NC	NC
14.	Soup spoons	12		NC	NC
15.	Rice serving spoons	4		NC	NC
16.	Bowls	25		NC	NC
17.	Soup bowls	36		NC	NC
18.	Forks	36		NC	NC
19.	Sieve	2		NC	NC
20.	Tongs	6		NC	NC
21.	Knives	6		NC	NC
22.	Peeler	6		NC	NC
23.	Vegetable cutters	6		NC	NC
24.	Vegetable cutting plates	6		NC	NC
25.	Water filter/Aqua guard	1		NC	NC
26.	Flask	2		NC	NC
27.	Frying pans	6		NC	NC
28.	Tawa	6		NC	NC
29.	Vessel holders (chimta)	6		NC	NC
30.	Mixer with accessories	1		NC	NC
31.	Glasses for drinking water (steel)	24		NC	NC
32.	Glasses for drinking water (glass)	24		NC	NC
33.	Kitchen weighing scale	1		NC	NC
34.	Chapatti making plate and rolling pin	6		NC	NC
35.	Measuring scoops	2 sets		NC	NC
36.	Napkins	24		NC	NC
37.	Glass bowls	24		NC	NC
38.	Tea Strainer	6		NC	NC
39.	Egg beater	6		NC	NC
40.	Toaster	2		NC	NC
41.	Microwave with appropriate cooking vessels	1		Microwave with appropriate cooking vessels not less then 14 ltr	NC

42.	Dinner set (12 persons)	2		NC	NC
43.	Tea set (12 persons)	2		NC	NC
Table 5: List of Equipment and Consumables for Anatomy and Physiology Lab				NC	NC
S.No	Brief Description of Goods and Services	Qty	Specification	NC	NC
				NC	NC
1.	Adult Human articulated Skelton with hanging facility in a glass cupboard with locking facility	2 Nos	As mentioned in Section V of this bid document	Adult Human articulated Skelton with hanging facility in a glass cupboard with locking facility (Model)	1
2.	Full set of dis-articulated adult human Skelton	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	Full set of dis-articulated adult human Skelton (Model)	Remove
3.	Full size human body showing all muscles and arteries	2 Nos	Full Size Human Body Showing Muscles 8: Organs (86 Cm) Model	Full Size Human Body Showing Muscles : Life Size human replica depicts deep and superficial musculature in addition to bodies major Neres, vessels, tissues and Organs. Internal Organs are removable (45 pieces in all) -Realistic coulured and mounted on convenient roller base. It includes following features:- ARM Shoulder muscles-5 Removable Heart-2 Leg/Hip Muscles-8 Head Including removable Brain-5 part Removable Lungs-2 Stomach-2 Part Removable 4 Parts Male and 2 parts female Gential. Detachable Arms, Legs and abdominal wall for study. Size:- 130 to 140cm x 50cm x 32 cm Wt:- 12 kg to 13 kg Standing 4.5 to 5 feet tall Warranty:- 3 Years	
			This full size high quality muscular figure represents a wide variety of human anatomical structures with accurate details. Hence its suitable for various medical colleges, universities, nursing training institutes, laboratories & hospitals. This model consists of 27 parts, such as muscles of chest wall and abdomen, muscles of upper and lower limbs, skull, brain and viscus. It shows the structure of head, neck, torso, upper and lower limbs, muscles, musculartendon, ligaments, viscus, blood vessels, brain, etc.		
			Material: Advanced PVC and painted with imported paint.		
4.	Human Torso	2 Nos- Male		NC	
	Male	2 Nos- Female		NC	
	Female			NC	

5.	Skin cross section	2 Nos		Skin cross section model			
6.	Heart and large blood vessels	2 Nos		Heart and large blood vessels model			
7.	Ear with different sections	2 Nos		Ear with different sections Model			
8.	Eye with different sections	2 Nos		Eye with different sections Model			
9.	Heart with detachable parts on a stand	2 Nos	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC			
10.	Human brain with spinal cord	2 Nos	As mentioned in Section V of this bid document	NC			
11.	Lungs and trachea	2 Nos		NC			
12.	Larynx	2 Nos		NC			
13.	Digestive system	2 Nos		NC			
	• Stomach			NC			
	• Small intestine			NC			
	• Large intestine			NC			
14.	Female reproductive system	2 Nos		NC	NC		
	• Uterus on stand			NC	NC		
	• Ovaries			NC	NC		
	• Microscopic structure			NC	NC		
	• Macroscopic structure			NC	NC		
15.	Male reproductive system	2 Nos		NC	NC		
16.	Urinary system	2 Nos		Remove			
	• kidney						
	- macroscopic structure						
	- microscopic structure						
17.	Joints and ligaments	Wrist – 2 Nos				Remove	
	Wrist	Elbow- 2 Nos					
	Elbow	Shoulder- 2 Nos					
	Shoulder	Ankle- 2 Nos					
	Ankle	Knee- 2Nos					
	Knee	Hip – 2 Nos					
	Hip						
18.	Teeth	2 Nos		NC	NC		
Charts			Remove				
19.	Skeleton system	2 Nos			Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India		
20.	Muscular system	2 Nos					
	Showing different muscles of body						
21.	Joints and ligaments	2 Nos					
22.	Nervous system	2 Nos					

	- Brain				
	- Spinal cord				
23.	Cardiovascular system	2 Nos			
24.	Respiratory system	2 Nos			
25.	Lungs	2 Nos			
26.	Trachea	2 Nos			
27.	Larynx	2 Nos			
28.	Digestive system	2 Nos		NC	NC
29.	Oral cavity	2 Nos		NC	NC
30.	Teeth	2 Nos		NC	NC
31.	Stomach pancreas and spleen	2 Nos		NC	NC
32.	Small intestine	2 Nos		NC	NC
33.	Large intestine	2 Nos		NC	NC
34.	Liver and gall bladder	2 Nos		NC	NC
35.	Kidney macroscopic structure	2 Nos		NC	NC
36.	Kidney microscopic structure	2 Nos		NC	NC
37.	Skin	2 Nos		NC	NC
38.	Eye	2 Nos		NC	NC
39.	Ear	2 Nos		NC	NC
40.	Female reproductive system	2 Nos		NC	NC
41.	Menstrual Cycle	2 Nos		NC	NC
42.	Male Reproductive system	2 Nos		NC	NC
43.	Endocrine gland	2 Nos		NC	NC
44.	Charts on First Aid:	1 each		NC	NC
	• First Aid for Burn			NC	NC
	• Cardiac Pulmonary Resuscitation			NC	NC
	□			NC	NC
	- Adult			NC	NC
	- Children			NC	NC
	- Infant			NC	NC
	• First Aid chart for emergencies such as fracture, drowning, wound, poisoning, bites			NC	NC
	• Bandaging			NC	NC
List of Consumables for MCH Skill Lab					
S. No	Brief Description of Goods and Services	Qty	Specification	NC	NC
1	Lancets	2 pkt	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
2	Distilled water	1 box		NC	NC
3	N/10 HCL	5		NC	NC
4	Dropper (plastic)	10		NC	NC
5	Test strips & Lancets	1 pkt		NC	NC
6	RDT Malaria Kit	2		NC	NC
7	Glucometer Strips	1pkt		NC	NC
8	Gloves	1 box of each size		NC	NC
9	2ml, 5ml and 10ml syringes	1 box of each size		NC	NC
10	Pregnancy detection kit	2		NC	NC

50	Cardboard boxes with white and blue coloured marking	2		NC	NC
51	Autoclave safe plastic bags/container	10		NC	NC
52	Utility gloves	1 pkt		NC	NC
53	Plastic aprons	10		NC	NC
54	Goggles	5		NC	NC
55	Shoe cover dispenser	2		NC	NC
56	Soft brush	5		NC	NC
57	Liquid/powder detergent	500gm		NC	NC
58	Wooden stirrer/stick	1 pkt		NC	NC
59	Plastic mug	10		NC	NC
60	Measuring jar	2	NC	NC	
61	Linen Items	Quantity	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	NC	NC
62	Bed Sheets	10		NC	NC
63	Mackintosh	10mt.		NC	NC
64	Pillow	4		NC	NC
65	Pillow Cover	8		NC	NC
66	Blankets	4		NC	NC
67	Green cloth sheets 100X100cm	6		NC	NC
68	Green cloth sheets 60X40cm	6		NC	NC
69	Towel big	4		NC	NC
70	Towel Medium	4		NC	NC
71	Hand Towel	6		NC	NC
72	Hand Sanitizer	2 bottle		NC	NC
73	Sanitizer Stand	2		NC	NC
74	Liquid Hand wash	2		NC	NC
List of A. V. Aids				NC	NC
S. No	Brief Description of Goods and Services	Qty	Specification	NC	NC
				NC	NC
1	Projector with high definition	added	Standard Specification as per revised operational guidelines for pre-service education for nursing midwifery cadre in India	Projector with high definition LCD Projector	1
2	Speaker	added		NC	1
3	Mike	added		NC	1
1	Additional Points			NC	NC
2				NC	NC
3				NC	NC
4				NC	NC
5				NC	NC