ORCI OCEAN ROAD CANCER INSTITUTE

Box 3592, Dar es Salaam, Tanzania
Tel. 2127597, Fax: 255-22-2118704

SERVICE — TREATMENT
RESEARCH — DETECTION
TEACHING — PREVENTION

CONTRACTUAL AGREEMENT

TENDER NO. PA-010/2021-2022/G/33

Between

OCEAN ROAD CANCER INSTITUTE, TANZANIA

And

ANUDHA LIMITED, TANZANIA

FOR

SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL HOSPITAL, LIGULA RRH AND MOROGORO RRH

Executive Director,
Ocean Road Cancer Institute
Barack Obama road/Luthuli Road,
P.O. Box 3592
Dar es Salaam, Tanzania

DECEMBER 2021

Form of Contract

THIS AGREEMENT made the FRIDAY 24 day of **December 2021** between **OCEAN ROAD CANCER INSTITUTE**, junction of Barack Obama road/ Luthuli road P.O Box 3592 Dar es Salaam of Tanzania (hereinafter called "the PE") of the one part and **ANUDHA LIMITED** of P. o. Box **5982. Plot 2169/82& 8170/82, Morogoro Road, Opp. DART Kisutu Bus stand, DAR ES SALAAM TANZANIA** (hereinafter called "the Supplier") of the other part:

WHEREAS the PE invited Tenders for certain goods and ancillary services, viz **SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL HOSPITAL , LIGULA RRH AND MOROGORO RRH** and has accepted a Tender by the Supplier for the supply of those goods and services in the sum of **Tanzania shillings Three Billion Seven Hundred Sixty Seven Million, One Hundred Fifty Three Thousand and Five Hundred Only. TSH 3,767,153,500.00 (VAT inclusive)** (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-

   (a) This form of agreement;
   (b) the Form of Tender and the Price Schedule submitted by the Tenderer;
   (c) the Schedule of Requirements;
   (d) the Technical Specifications;
   (e) the Special Conditions of Contract;

(f) the GCC;

(g) the Purchaser's Letter of Acceptance; and

(h) [*add here: any other documents*]

3. In consideration of the payments to be made by the PE to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the PE to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract

4. The PE hereby covenants to pay the Supplier **Tanzania shillings Three Billion Seven Hundred Sixty Seven Million, One Hundred Fifty Three Thousand and Five Hundred Only. TSH 3,767,153,500.00 (VAT inclusive)**, in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed by, for and on behalf of the Employer*: OCEAN ROAD CANCER INSTITUTE* **DAR ES SALAAM TANZANIA**

NAME: DR JULIUS MWAISELAGE

DESIGNATION: EXECUTIVE DIRECTOR

OCEAN ROAD CANCER INSTITUTE FOR: EXECUTIVE DIRECTOR 24 DEC 2021 P.O. Box 3592 DAR ES SALAAM

SIGNATURE: .....

IN PRESENCE OF:

NAME: ELIPENDO KAZIMOTO

DESIGNATION: HEAD OF LEGAL SERVICES

SIGNATURE:.....

Signed by, for and on behalf of the Supplier: **ANUDHA LIMITED P.O BOX 5982 DAR ES SALAAM**

NAME:....Anurag Hassija.....

DESIGNATION:.....Director.....

SIGNATURE:.....

ANUDHA LIMITED
P.O.Box 5982
DAR-ES-SALAAM
TEL: 2122745, 2122747
FAX: 2126490

IN PRESENCE OF:

NAME:.....Nishita Patel.....

DESIGNATION:.....Manager.....

SIGNATURE:.....NPatel.....

THE FORM OF TENDER AND THE PRICE SCHEDULE SUBMITTED BY THE TENDERER

THE SCHEDULE OF REQUIREMENTS

anudha limited

QUOTATION SUBMISSION FORM

DATE: 24th November, 2021

PURCHASER: OCEAN ROAD CARDIAC INSTITUTE
TENDER NO. PA-010/2021-22/G/33

To,
Executive Director
Ocean Road Cancer Institute
P.O Box 3592
Dar Es Salaam.

Dear Sir or Madam:

We agree to supply the goods specified in the Schedule of Requirement and prices of the in accordance with the Conditions of Contract accompanying this Bid for the Contract Price **Tshs 3,767,153,500/-, Three Billion, Seven Hundred Sixty Seven Million, One Hundred, Fifty Three Thousand and Five Hundred Only** in Tanzanian Shillings

We also offer to deliver the said goods within the period of **1 to 16 weeks after the LPO** as specified in the schedule of requirement.

This quotation and your written acceptance of it shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We agree to abide by this Tender for the Tender Validity Period specified in **ITT 6**, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

We are not participating, as Tenderers, in more than one Tender in this tendering process, other than alternative offers in accordance with the Tendering Documents.

We declares that our quoted price did not involve agreement with other tenderers for the purpose of tender suppression.

We hereby confirm that this quotation complies with the conditions required by the invitation for quotations.

Dated on 23rd day of November, 2021

In the capacity of **DIRECTOR**
Name: **ANURAG HASSIJA**

Signed: _____
Duly authorized to sign Tender for and on behalf of: Anudha Limited

ANUDHA LTD.
P. O. Box 5982
DAR-ES-SALAAM
TEL: 2122745, 2122747
FAX: 2126490

P. O. BOX 5982, DAR ES SALAAM, TANZANIA
Plot 2169/82 & 8170/82, Morogoro Road, Opp. DART-KISUTU Bus stand
Tel: +255 22 2125746/ 2121188/ 2122745/ 2122747/ 2122746; **Fax:** +255 22 2126490; **Cell:** +255 783 523 777
Email: sales@anudha.com, sales@anudha.com, anudha@ctvsatcom.net, service@anudha.com

Price Schedule: Goods Manufactured Outside United Republic of Tanzania, already imported TENDER NO. PA-010/2021-2022/G/33
FOR
SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL, LIGULA AND MOROGORO RHH

1	2	3	4	5	6	7	8	9	10	11	12
Line Item No	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITT 15.6(e)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITT 15.6(e)(ii) , [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITT 15.6 (e) (iii) (Col. 6 minus Col.7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITT 15.6(e)(i) (Col. 5*8)	Price per line item for inland transportation and other services required in the PE's country to convey the goods to their final destination, as	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITT 15.6(e)(iv)	Total Price per line item
	SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI										
1	Monitor (fixed) Model: ePM 15 with CO2	Mindray - China	1 to 16 weeks	26	15,500,000	-	-	-	-	-	403,000,000
	Comprehensive maintenance for Patient monitor & Central Station			26	2,500,000	-	-	-	-	-	65,000,000
2	ICU beds with Mattress Model: DA-2B with 10cm mattress + I.V Rod	Hebei - China	1 to 16 weeks	24	6,600,000	-	-	-	-	-	158,400,000
3	Ventilator Model: SV300PRO	Mindray - China	1 to 16 weeks	3	52,000,000	-	-	-	-	-	156,000,000
	Comprehensive maintenance for Ventilator SV300 pro			3	14,000,000	-	-	-	-	-	42,000,000
4	ECG machine Model: R 12	Mindray - China	1 to 16 weeks	2	6,400,000	-	-	-	-	-	12,800,000
	Comprehensive maintenance for ECG Machine R12			2	2,000,000	-	-	-	-	-	4,000,000
5	Portable Ultrasound Model: Z-60	Mindray - China	1 to 16 weeks	1	20,300,000	-	-	-	-	-	20,300,000
	5 year comprehensive service		1 to 16 weeks	1	6,000,000	-	-	-	-	-	6,000,000
6	Blood gas analyzer Model: S1-200CC	MEDICA - USA	1 to 16 weeks	2	12,000,000	-	-	-	-	-	24,000,000
	5Yrs Comprehensive maintenance		1 to 16 weeks	2	9,000,000						18,000,000
7	Suction machine Model: Askar C30	CA-MI - Italy	1 to 16 weeks	7	1,300,000	-	-	-	-	-	9,100,000
9	Crash cart trolley Model: F-46	Hebei - China	1 to 16 weeks	2	1,890,000	-	-	-	-	-	3,780,000
10	Laryngoscope set	GST - India	1 to 16 weeks	3	340,000	-	-	-	-	-	1,020,000
11	Nebuliser	CA-MI - Italy	1 to 16 weeks	4	430,000	-	-	-	-	-	1,720,000
12	Blood and fluid warmer	Biegler - Austria	1 to 16 weeks	2	6,500,000	-	-	-	-	-	13,000,000
14	Infusion pump Model: VP3	Mindray - China	1 to 16 weeks	15	2,500,000	-	-	-	-	-	37,500,000
	Comprehensive Maintenance for Infusion pumps		1 to 16 weeks	15	700,000	-	-	-	-	-	10,500,000
15	Syringe pump Model: Benefusion SP3	Mindray - China	1 to 16 weeks	50	2,400,000	-	-	-	-	-	120,000,000
	Comprehensive Maintenance for Syringe pumps		1 to 16 weeks	50	700,000	-	-	-	-	-	35,000,000
16	Portable Handheld Pulse oximeter Model: PO-700	Biston - Korea	1 to 16 weeks	2	550,000	-	-	-	-	-	1,100,000
17	Central Monitoring Station 5 Channel Model: Beneview T	Mindray - China	1 to 16 weeks	2	29,000,000	-	-	-	-	-	58,000,000
18	Central Venous catheters (CVC)	Polymed - India	1 to 16 weeks	20	45,000	-	-	-	-	-	900,000
19	Oropharyngeal Air way (OPA) (size 0-5) as per compliance (00-6)	Polymed - India	1 to 16 weeks	81	20,000	-	-	-	-	-	1,620,000
20	Nasalpharyngeal Air Way (NAPA) - as per compliance 6.0	Wellead - China	1 to 16 weeks	50	24,000	-	-	-	-	-	1,200,000
21	Defibrillator Model: Benelleart D6	Mindray - China	1 to 16 weeks	2	23,500,000	-	-	-	-	-	47,000,000

	Comprehensive maintenance for Defibrillator		1 to 16 weeks	2	4,000,000	-	-	-	-	-	8,000,000
	Defibrillator portable paddles for AED option. GEL		1 to 16 weeks	2	200,000						400,000
22	Endotracheal Tube Introducers (Stylete and Bougie)	Welfead - China	1 to 16 weeks	5	18,000	-	-	-	-	-	90,000
23	Magills Forceps	Humera - pakistan	1 to 16 weeks	10	34,000						340,000
24	Nasal Cannula (prongs)	Polymed - India	1 to 16 weeks	200	3,500	-	-	-	-	-	700,000
25	Wall mounted otoscope	KEELER - UK	1 to 16 weeks	6	1,400,000						8,400,000
26	Wall mounted Ophthalmoscope	KEELER - UK	1 to 16 weeks	6	1,400,000	-	-	-	-	-	8,400,000
27	Instrument trolley Model: F-19	Heber - China	1 to 16 weeks	6	380,000	-	-	-	-	-	2,280,000
28	Adjustable Mayo table Model: F-32	Heber - China	1 to 16 weeks	2	380,000	-	-	-	-	-	760,000
29	IV Pole	Heber - China	1 to 16 weeks	24	65,000	-	-	-	-	-	1,560,000
33	ECG paper, leads and suction		1 to 16 weeks	100	53,000	-	-	-	-	-	5,300,000
34	Glucometer Model: Gluco plus	Gluco plus - Canada	1 to 16 weeks	50	29,000	-	-	-	-	-	1,450,000
35	Hemoglobinometer Model: Hemocontrol	EKF - Germany	1 to 16 weeks	2	1,500,000	-	-	-	-	-	3,000,000
36	Bedside lockers Model: D-3	Heber - China	1 to 16 weeks	24	250,000	-	-	-	-	-	6,000,000
37	Cardine Table F-32	Heber - China	1 to 16 weeks	24	320,000	-	-	-	-	-	7,680,000
39	Bed pans	UPL - India	1 to 16 weeks	5	55,000	-	-	-	-	-	275,000
40	Urinals bottle	UPL - India	1 to 16 weeks	5	16,000	-	-	-	-	-	80,000
41	Wheeled procedure trav table (mayo table)	Heber - China	1 to 16 weeks	2	380,000	-	-	-	-	-	760,000
42	Ward screens/ separation curtain Model: F-35	Heber - China	1 to 16 weeks	5	450,000	-	-	-	-	-	2,250,000
44	Urine dipstick	DFI - korea	1 to 16 weeks	20	16,000	-	-	-	-	-	320,000
45	Tourniquets for IV start	China	1 to 16 weeks	18	5,000	-	-	-	-	-	90,000
46	Stretchers and gurneys (wheeled stretchers) Model: YXC-3B	Heber - China	1 to 16 weeks	3	2,500,000	-	-	-	-	-	7,500,000
48	Non-sterile gowns (multiple sizes)	3- tec - China	1 to 16 weeks	39	14,000	-	-	-	-	-	546,000
49	Nebulizer tubing	Polymed - India	1 to 16 weeks	20	8,000	-	-	-	-	-	160,000
50	Mask with face shield	china	1 to 16 weeks	20	6,000	-	-	-	-	-	120,000
51	Vein Finder		1 to 16 weeks	2	6,500,000						13,000,000
52	Nebulization masks (adult sizes)	Polymed - India	1 to 16 weeks	100	8,000	-	-	-	-	-	800,000
										TOTAL FOR OCEAN ROAD	1,331,801,000
	SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR MTWARA ZONAL										
1	ICU patient bed Model: DA-2B with 10cm matress + I.V Rod	Heber - China	1 to 16 weeks	13	6,600,000	-	-	-	-	-	85,800,000
2	Examination bed Model:B-40	Heber - China	1 to 16 weeks	3	400,000	-	-	-	-	-	1,200,000
3	Examination Screening Model:F-35	Heber - China	1 to 16 weeks	0	450,000	-	-	-	-	-	-
4	Laryngoscope with battery and different blades	GST - India	1 to 16 weeks	3	340,000	-	-	-	-	-	1,020,000
5	Forceps Magual	Humera - Pakistan	1 to 16 weeks	11	34,000	-	-	-	-	-	374,000
6	Oto-Ophthalmology equipment	Welch allyn - USA	1 to 16 weeks	1	3,000,000	-	-	-	-	-	3,000,000
7	UV Lamp		1 to 16 weeks	2	0	-	-	-	-	-	-

8	Lumbar puncture set 1 scalpel handle no. 4 1 1 pean forceps curved 20 cm 1 1 mayo scissor curved 17 cm 1 1 dressing forceps 18 cm 1 1 dressing forceps teeth 18 cm 1 1 metzenbaum scissor curved 18 cm 1 1 fixation forceps curved 25 cm 1	Humera - Pakistan	1 to 16 weeks	2	100,000	-	-	-	-	-	200,000
9	Bed pans	UPI - India	1 to 16 weeks	10	55,000	-	-	-	-	-	550,000
10	Blood/fluid warmer	Biegler	1 to 16 weeks	1	6,500,000	-	-	-	-	-	6,500,000
11	Insulin pump	Microtech - China	1 to 16 weeks	5	3,500,000	-	-	-	-	-	17,500,000
12	Cardiac Patient Monitor (ECG, TR, SP02, NIAP) Model: ePM 15 with	Mindray-China	1 to 16 weeks	12	15,500,000	-	-	-	-	-	186,000,000
	Comprehensive maintenance for Patient monitor & Central Station		1 to 16 weeks	12	2,500,000	-	-	-	-	-	30,000,000
13	Instrument Trolley Model: F-19	Hebei - China	1 to 16 weeks	2	380,000	-	-	-	-	-	760,000
14	Instrument cabinet	Hebei - China	1 to 16 weeks	4	0	-	-	-	-	-	-
15	Bedside lockers Model: D-3	Hebei - China	1 to 16 weeks	14	250,000	-	-	-	-	-	3,500,000
16	Cardine Table F-32	Hebei - China	1 to 16 weeks	14	320,000	-	-	-	-	-	4,480,000
17	Dressing Trolley Model: F-19	Hebei - China	1 to 16 weeks	4	380,000	-	-	-	-	-	1,520,000
18	Dressing set - Tray - 1 pes - Dissecting forceps - 2 pes - Dissecting Forceps tooth – 2pe - Artery forceps 6" - 2 pes - Artery forces 5 " – 2pe - Scissor - 1 pes - Stitch Scissor – 1pe - Gauze swabs- 4 pkts - Needle holder 5"- 1 pes - BP handle - 1 pes - Gallipot - 2 pes	Humera - Pakistan	1 to 16 weeks	2	230,000	-	-	-	-	-	460,000
19	Drip stand	Hebei - China	1 to 16 weeks	4	65,000	-	-	-	-	-	260,000
20	ECG machine Model: R 12	Mindray - China	1 to 16 weeks	1	6,400,000	-	-	-	-	-	6,400,000
	Comprehensive maintenance for ECG Machine R12		1 to 16 weeks	1	2,000,000	-	-	-	-	-	2,000,000
21	Blood gas analyzer Model: ST-200CC	MEDICA-USA	1 to 16 weeks	1	12,000,000	-	-	-	-	-	12,000,000
	5 yrs Comprehensive Maintenance for ABG analyzer		1 to 16 weeks	1	9,000,000						9,000,000
22	Infusion pump Model: VP3	Mindray - China	1 to 16 weeks	5	2,500,000	-	-	-	-	-	12,500,000
	Comprehensive Maintenance for Infusion pumps		1 to 16 weeks	5	700,000	-	-	-	-	-	3,500,000
23	Syringe pump Model: Benefusion SP3	Mindray - China	1 to 16 weeks	5	2,400,000		-		-		12,000,000
	Comprehensive Maintenance for Syringe pumps			5	700,000		-		-		3,500,000
24	Refrigerator BLOOD BANK REFRIGERATOR Model: HZC - 1309	Haier - China	1 to 16 weeks	1	22,000,000		-		-		22,000,000
25	Portable examination lamp	Fawoodi - China	1 to 16 weeks	2	300,000		-		-		600,000
26	Defibrillator Model: Beneheart D6	Mindray - China	1 to 16 weeks	1	23,500,000		-		-		23,500,000
	Comprehensive maintenance for Defibrillator			1	4,000,000				-		4,000,000
	Defibrillator - portable paddles for AED option OEL			2	200,000						400,000
27	Suction machine Model: Askir C30	CAMI - Italy	1 to 16 weeks	4	1,300,000		-		-		5,200,000
28	Ventilator Model: SV300PRO	Mindray - China	1 to 16 weeks	5	52,000,000		-		-		260,000,000

	Comprehensive maintenance for Ventilator SV300 pro			5	14,000,000							
30	Patient trolley (Heavy duty stretcher) Model: YDC-3H	Hebei - China	1 to 16 weeks	3	2,500,000	-	-	-	-	-	-	70,000,000
31	Mobile X-ray machine(CR type)	EA	1 to 16 weeks	1	-	-	-	-	-	-	-	7,500,000
32	Centralization monitor Model: Beneview T	Mindra -	1 to 16 weeks	1	29,000,000	-	-	-	-	-	-	
33	Nerve stimulator(TENS machine)	Johari - India	1 to 16 weeks	2	29,000	-	-	-	-	-	-	29,000,000
34	Wheelchair	China	1 to 16 weeks	7	250,000	-	-	-	-	-	-	500,000
35	Stethoscope Model: MDF 747	MDF - China	1 to 16 weeks	8	55,000	-	-	-	-	-	-	1,750,000
36	Haemoglobinometer Model: Hemocontrol Machine	BKP - German	1 to 16 weeks	1	1,500,000	-	-	-	-	-	-	440,000
37	Digital BP machine Model: Easymed	Geratherm - German	1 to 16 weeks	5	98,000	-	-	-	-	-	-	1,500,000
39	Resuscitator manual	GST - India	1 to 16 weeks	12	75,000	-	-	-	-	-	-	490,000
												900,000
												TOTAL FOR MTWARA ZONAL HOSPITAL 831,804,000
	SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR LIGULA											
1	ICU beds with Mattress Model: DA-2B with 10cm mattress + I.V Rod	Heber - China	1 to 16 weeks	15	6,600,000							99,000,000
2	Examination bed Model:B-40	Hebei - China	1 to 16 weeks	2	400,000							800,000
3	Examination Screening	Hebei - China	1 to 16 weeks	4	450,000							1,800,000
4	Laryngoscope with battery and different blades	GST - India	1 to 16 weeks	2	340,000							680,000
5	Forceps Magual	Homera - Pakistan	1 to 16 weeks	10	34,000	-	-	-	-	-	-	340,000
6	Oto Ophthalmology equipment	KEELER - UK	1 to 16 weeks	1	3,000,000	-	-	-	-	-	-	3,000,000
7	Suction machine Model: Askir C30	CAMI - Italy	1 to 16 weeks	7	1,300,000	-	-	-	-	-	-	9,100,000
8	UV Lamp		1 to 16 weeks	2	0	-	-	-	-	-	-	-
9	Blood/fluid warmer	Beigler - Austria	1 to 16 weeks	1	6,500,000	-	-	-	-	-	-	6,500,000
	Insulin Pump		1 to 16 weeks	5	3,500,000							17,500,000
11	Cardio-Vascular Monitor (ECG,HR, SPO2, NIAP) Model: ePM 15 with CO2	Mindray - China	1 to 16 weeks	16	15,500,000	-	-	-	-	-	-	248,000,000
	Comprehensive maintenance for Patient monitor & Central Station Annual		1 to 16 weeks	16	2,500,000							-
12	Instrument Trolley Model: F-19	Hebei - China	1 to 16 weeks	4	380,000	-	-	-	-	-	-	40,000,000
13	Glucometer Model: Gluco plus Machine	Gluco plus - Canada	1 to 16 weeks	19	29,000	-	-	-	-	-	-	1,520,000
14	Instrument cabinet	EA	1 to 16 weeks	2	0	-	-	-	-	-	-	551,000
15	Cardiac table Model: F-32	Hebei - China	1 to 16 weeks	15	320,000	-	-	-	-	-	-	-
16	Bedside lockers Model: D-3	Heben - China	1 to 16 weeks	10	250,000	-	-	-	-	-	-	4,800,000
17	Drip stand	Hebei - China	1 to 16 weeks	10	65,000	-	-	-	-	-	-	2,500,000
18	Dressing trolley Model: F-19	Heben - China	1 to 16 weeks	4	380,000	-	-	-	-	-	-	650,000
19	Pediatric Ventilator SV 300 PRO	Mindray - China	1 to 16 weeks	2	52,000,000	-	-	-	-	-	-	1,520,000
	Comprehensive maintenance for Ventilator SV300 pro		1 to 16 weeks	2	14,000,000							104,000,000
20	Adult ventilator Model: SV300PRO	Mindray - China	1 to 16 weeks	2	52,000,000	-	-	-	-	-	-	28,000,000
	Comprehensive maintenance for Ventilator SV300 pro		1 to 16 weeks	2	14,000,000							104,000,000
												28,000,000

21	ECG Machine Model: R12	Mindray - China	1 to 16 weeks	1	6,400,000							6,400,000
	Comprehensive maintenance for ECG Machine R12		1 to 16 weeks	1	2,000,000							2,000,000
22	Infusion pump Model: VP3	Mindray - China	1 to 16 weeks	5	2,500,000							12,500,000
	Comprehensive Maintenance for Infusion pumps		1 to 16 weeks	5	700,000							3,500,000
23	Syringe pump Model: Beefusion SP3	Mindray - China		8	2,400,000							19,200,000
	Comprehensive Maintenance for Syringe pumps		1 to 16 weeks	8	700,000							
24	Portable examination lamp	Easywell - China		2	300,000							600,000
25	Defibrillator and external Pacemaker Model: Benel leart 126	Mindray - China	1 to 16 weeks	2	23,500,000							47,000,000
	Comprehensive maintenance for Defibrillator			2	4,000,000							8,000,000
26	Bed Pan			6	55,000							330,000
	Digital Tenometer			1	7,500							7,500
SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR MOROGORO RIIH											**TOTAL FOR LIGULA RRH**	**801,798,500**
1	ICU beds with Mattress Model: DA-2B with 10cm mattress + I.V Rod	Hebei - China	1 to 16 weeks	10	6,600,000							66,000,000
18	Patient Monitor Model: ePM 15 with CO2	Manufacturer Mindray - China	1 to 16 weeks	8	15,500,000							124,000,000
	5 years Comprehensive Maintainance for Patient monitor			8	6,000,000							48,000,000
10	Portable Ultrasound,Model: Z-60 with 3 probes	Mindray - china	1 to 16 weeks	1	20,300,000							20,300,000
	5 years Comprehensive Maintainance for Portable Ultrasound			1	6,000,000							6,000,000
12	Infusion pump Model: VP3	Manufacturer Polymed - India		3	2,500,000							7,500,000
	Comprehensive Maintenance for Infusion pumps			3	700,000							2,100,000
15	Syringe pump Model: Benefusion SP3	Mindray - China	1 to 16 weeks	1	2,400,000							250,000,000
	Comprehensive maintainance for syringe pump			1	700,000							700,000
16	Suction machine Model: Askir 30	Manufacturer Armor - Turkey	1 to 16 weeks	5	1,300,000							6,500,000
19	Nebulizer Model: Clinch	Manufacturer Hamera - Pakistan		4	430,000							1,720,000
23	Continuous or bi-level positive airway pressure machine (CPAP, BiPAP)	Manufacturer BMC	1 to 16 weeks	3	12,500,000							37,500,000
24	Crash Cart Trolley Model: Z-46	Manufacturer Hebei - China	1 to 16 weeks	2	1,890,000							3,780,000
38	Defibrillator pads	Manufacturer Mindray - China	1 to 16 weeks	2	200,000							400,000
39	Defibrillator with pacing capabilities	Manufacturer Mindray - China	1 to 16 weeks	1	23,500,000							23,500,000
	5 Comprehensive maintenance for Defibrillator		1 to 16 weeks	1	4,000,000							4,000,000
52	ECG machine Model: R12	Manufacturer Mindray - China	1 to 16 weeks	2	6,400,000							12,800,000
	Comprehensive maintenance for ECG Machine R12		1 to 16 weeks	2	2,500,000							5,000,000

70	Fluid warmer	Manufacturer Begler - Austria	1 to 16 weeks	5	6,700,000							33,500,000
105	Mechanical Ventilator Model SV 300Pro	Manufacturer Mindray - China	1 to 16 weeks	2	52,000,000							104,000,000
	Comprehensive maintenance for Ventilator SV300 pro		1 to 16 weeks	2	14,000,000							28,000,000
	Infant radiant warmer Model NWS301	Manufacturer Phoenix – India	1 to 16 weeks	4	4,000,000							16,000,000
	Pressure bag for IV infusion			3	150,000							450,000
											TOTAL AMOUNT FOR MOROGORO	181,750,000
											GRAND TOTAL FOR LOT 1, 2, 3 4	3,767,183,500

Name Anurag Hassija in the capacity of Director

Signature of Tenderer

Duly authorized to sign the Tender for and on behalf of

Dated on day of 20

Note: In case of discrepancy between unit price and total, the unit price shall prevail

ANUDHA LTD.
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TECHNICAL SPECIFICATIONS

TENDER NO. PA-010/2021-2022/G/33

FOR

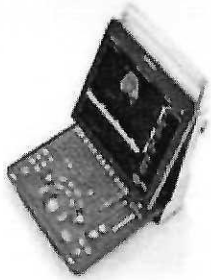
SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL, LIGULA AND MOROGORO RHH

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
1	ICU BED MODEL: DA-2B With 10cm mattressH-13 +I.v rod 	Fully Motorized ICU Bed) 5 Section PP Tops, 125mm Twin Wheel Castors. Central Locking Mech., Rubber Buffers at 4 corners Handset, ACP Box, Battery Back Up, SMPS Bed Extension, Linen Holder, Night Lamp, Angle Indicator. Polymer Moulded Head and Foot Panels (Removable) Polymer Moulded Split Safety Rails (2 sets) Urine Bag Holder (Single) S.S Heavy Duty I.V. Pole (2 hooks) Premium mattress, single section, 4", with wave shape on	YES YES YES YES NO YES YES YES YES YES YES YES YES YES	5 section, epoxy coated steel & X-ray board tops Central control box under the bed only 1pcs battery bed end can extension 20cm inside the side rail & head/foot board H-13 10cm mattress, but with wave shape on one side

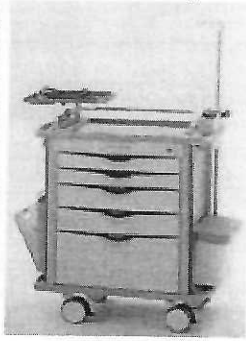
S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		both sides, High quality, high density. Flame retardant foam and cover fabric having flame retardant, antibacterial, antiskid properties Mattress for Bed Extension	YES YES	
	Ventilator	Should have facility for Invasive and Non-Invasive ventilation	YES	
		Microprocessor Control suitable for Pediatric and Adult ventilation Electromagnetic Compatible Hinged arm holder for holding the circuit Should have built-in touch colour screen TFT display of minimum 10 inches or more for display of waveforms and Monitored value. **Five years comprehensive Maintenance inclusive.**	YES	Better, 12 inches touch screen 5 years warranty from the date of B/L -bill of lading
		Should have in-built facility to upgrade with EtcO2	YES	
		Facility to Measure and Display: Status Indicator for ventilator mode Battery Indication Alarm Setting Automatic compliance and leakage compensation for circuit and ET Tube Should have facility of log book, for events and alarms with date and time	YES	
		Should have the following settings: Tidal volume (Minimum at least 50ml, Maximum up to 2000ml) Inspiratory Pressure (up to 80cm of water) Respiratory rate 1 to 80 bpm	YES	Better, Tidal volume: 20ml to 2000ml Inspiratory pressure: up to 80cmH2O Respiratory rate: up to 100 bpm
		Apnea back up rate CPAP/PEEP Pressure support FiO2 Pause Time Pressure and Flow Trigger Inspiratory Flow up to 120bpm Monitoring and Display of the following Parameters: Airway Pressure (Peak and Mean) Tidal Volume (Inspired and Expired) Minute Volume (Inspired and Expired) Respiratory mechanics, Spontaneous Minute Volume Total Frequency, FIO2 dynamic, Intrinsic PEEP, Plateau Pressure, Resistance and Compliance.	YES	
		Use selector Alarm for all measured and monitored parameters, Occlusion Pressure and Pressure Flow and Volume curves.	YES	

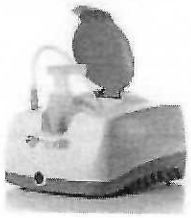
S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Modes of Ventilation equipped with newer modes of ventilation: Assist Control, Volume Control, Pressure Control SIMV with pressure support (Pressure and Volume control) PEEP Inverse ratio Ventilation Non invasive ventilation - BIPAP, CPAP. Apnea Ventilator, user selectable, volume and pressure control	YES	V-A/C, P-A/C V-SIMV, P-SIMV APRV, DuoLevel CPAP, PSV PRVC, PRVC-SIMV NIV, Apnea Ventilation Smart mode AMV (optional) For Apnea Ventilation, we are using pressure control type
		Should have built-in safety alarms for Airway Pressure High and Low, Minute volume, High and Low, Power Failure, Low oxygen, High	YES	
		Respiratory Rate, Air Source in-operable. Should have in-built exhalation filter	YES	
		Humidifier: Servo controlled heated Respiratory Humidifier Temperature of delivered Gas on LED display	YES	
		Temperature should be adjustable Jar should be autoclavable Nebulization assembly compatible with ventilator and circuit.	YES	
		Should have interface facility Flow sensor	YES	
		should have life more than 1 year Expiratory Unit- life	YES	
		should be more than 3 years Data storage facility for at least 24 hours Internal rechargeable battery at least 30 minutes backup.	YES	
		Supplied complete with compatible UPS and all standard accessories.	YES	
		Power Supply: 220 - 240V, 50Hz	YES	
	Monitor	Modular & Suitable for Adult/Pediatric/ Patients monitoring	YES	with 15 inches capacitive touch screen
		Minimum 15 inches multi colour TET display screen.	YES	
		Five years comprehensive Maintenance inclusive.	YES	5 years warranty from the date of B/L -bill of lading
		Eight Channel digital and waveforms/traces display.	YES	
		Capability of storage of patient data and printing of patient report. :	YES	
		Facility to monitor and display:-ECG, Respiration, NIBP, SpO2, EtCO2 and Temperature. ECG	YES	With CO monitoring

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Multichannel (up to 12 lead) ST segment analysis.	YES	With 12 lead ECG
		3 or 5 lead with cascade waveform facility.	YES	
		Monitoring, Diagnostic & OT modes of monitoring ECG lead Simultaneous Multi - lead ECG monitoring of 7 ECG lead. HR range 20-350 bpm.	YES	Better, we have 3/5 12 lead monitoring
		HR/PR Source selection facility from Automatic, SpO2 IBP and NIBP PULSE OXYMETRY: Display of Plethsmograph with Pulse strength indicator &SpO2 values and perfusion index.	YES	
		SpO2 range 1 - 100% and PR Range 20 - 230 BPM	YES	
	ECG 	Electrocardiogram (ECG) digital monitor and recorder, 12-leads detection, multi-channel recording, portable, AC and battery powered, with printer and accessories.	YES	
		Five years comprehensive Maintenance inclusive.	YES	5 years warranty from the date of B/L -bill of lading
		ECG diagnostic monitor and recorder with printer ECG analysis and full interpretation (rhythm and events), real-time and manual.6-channels recording.	YES	Yes, only auto measurement provide measurement results and diagnoses manual and rhythm no analysis),6 channels recording
		ECG Features: 12 standard derivations aVR, aVL, aVF, I, II, III, and V1 - V6	YES	
		Simultaneous 12-leads acquisition adjustable ECG acquisition and visualization modes ECG gain 2.5, 5, 10, 20 mm/Mv and Auto, accuracy +-5%	YES	2.5, 5, 10, 20, L=10 C=5, L=20 C=10 mm/mV, Auto
		Adjustable ECG sweep (trace speed in mm/s) HR range 30 - 300 bpm with rhythm analysis Common Mode Rejection Ratio (CMRR) >89 dB.	YES	30 to 300 BPM CMRR > 110 dB
		Frequency response (minimum guaranteed) 0.05 - 159 Hz, accuracy of input signal reproduction +/-5%, calibration signal 1 mV +/- 5% Input Impedance > 2.5 MOhm or > 50MOhm.	YES	Frequency 0.05 to 150 Hz Input Impedance > 50MOhm.
		Internal noise level <15 mV (p-p).	YES	

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Leakage current to patient <10 micro A With integrated keyboard, built-in printer with thermal printing head.		
		Built-in rechargeable battery, autonomy >2.5 hours or 800 examinations.	YES	More than 3.5 hours of continuous operation
		Automatic switch to battery in case of power failure and automatic recharge on connection to mains.	YES	
		ITEMS SUPPLIED WITH: 1 x patient cable 6 x reusable chest electrodes, suction ball type.	YES	
		4 x reusable clamp electrodes 1 x supply of 960 thermal Z-folded sheets 300ml of ECG conductive gel	YES	Thermal Z-fold A4 paper (210 mm x 295 mm)
		1 x spare rechargeable battery pack Power Input: 240 VAC, 50Hz	YES	
	Portable ultrasound 	Complete with vascular, cardiac and curvelinear probes and Jelly for use in Ambulance and in the Emergency Room . **Five years comprehensive Maintenance inclusive.**	YES YES	machine come with vascular, cardiac and curvelinear probes and Jelly for use in Ambulance and in the Emergency Room. 5 years warranty
		Capable of generating imaging procedures involving lungs, heart, abdomen, pelvis, blood vessels, musculoskeletal and soft tissue.	YES	Capable of generating imaging procedures involving lungs, heart, abdomen, pelvis, blood vessels, musculoskeletal and soft tissue.
		CONSOLE: Laptop style console design, optional touch screen combined with conventional user control panel	**NO**	**Laptop design, No touch screen**
		Battery Duration: minimum 2 hours under normal use conditions Supplied complete with clear protective control panel cover for infection control. Imaging Focusing:	**YES**	**endurance >120 min**
		Adjustable focal depth, synchronization of focal zone to the selected scanning depth.	YES	Adjustable focal depth, synchronization of focal zone to the selected scanning depth.
		Zooming Capability with automated image optimization.	**YES**	
		Image Orientation:		
		Capable of lateral and vertical Inversion (in B-mode) Image Modes: 2D Imaging, M-Mode, B/M mode, Dual 2D/Colour Imaging mode with Cine loop.	YES	lateral and vertical Inversion (in B-mode) Image Modes: 2D Imaging, M-Mode, B/M mode, Dual 2D/Colour Imaging mode with Cine loop.

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Doppler, Colour Doppler Imaging (CDI), Power Doppler Imaging (PDI), Duplex, Continuous wave Doppler, Triple mode (optional)	YES	Doppler, Colour Doppler Imaging (CDI), Power Doppler Imaging (PDI), Duplex, Continuous wave Doppler, Triple mode (standardl)
		Software Application that include at least: Obstetrics/Gynecology measurements and calculations, including gestational sac mean, mean sac diameter, femur length, crown-rump length, biparietal diameter and abdominal circumference, enabling estimation of gestational age.	YES	Software Application that include at least: Obstetrics/Gynecology measurements and calculations, including gestational sac mean, mean sac diameter, femur length, crown-rump length, biparietal diameter and abdominal circumference, enabling estimation of gestational age.
		Vascular/basic cardiac quantification Measurements capability (distance, area and circumference by ellipse and trace method) Equipment with write-zoom function available Screen annotations capture patient data, date and time, scanning	YES	Vascular/basic cardiac quantification Measurements capability (distance, area and circumference by ellipse and trace method) Equipment with write-zoom function available Screen annotations capture patient data, date and time, scanning
		protocols, probes. Monitor and Display: High Definition (HD) digital black and white and colour liquid crystal display (LCD) monitor of at least 25 cm diagonal (across), with reflection filter.	YES	15" LCD screen, 38cm diagonal(across)
		Broadband Curvilinear transducer of at least 5-2 MHz and 12-5 MHz transducer Power Supply: 220 - 240V, 50 Hz	YES	1.8~6 MHz convex probe 3.4~12.9MHz linear probe 200~240V, 50/60MHz
	Blood gas analyzer Model: ST-200CC	• Portable • Sample volume 110µl • Result in one min after sample aspiration • Power supply -220v with rechargeable battery at least 42mAh • At least 10 parameter pH, pO2 , pCO2, Na, K, Ca, Cl, Glu, Lac and Hct		YES 140 µl YES 220V without reachargable battery YES
	Suction machine 	The machine shall be portable on four wheels and with a handle for transportation. The suction pump must be totally oil-free diaphragm type.	YES	
		Must have maintenance free pumps of international design for continuous use Motor shall be of Class "F" insulation to operate in ambient temperature to withstand up to 50oC, with thermal cut-outs Able to produce minimum vacuum of 700mm Hg and which must be adjustable and monitored by vacuum gauge of suitable range.		

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		The suction capacity must be 25 liters per minute and can be regulated It must have two bottles of 2l each. Each made of unbreakable polycarbonate with ABS Lid with float (overflow control device) The jars must be graduated in cc levels.	YES	40L/M
		The suction bottles shall be autoclavable On/Off Switch and power indicator must be available. Shall provide foot switch.	YES	
		Base, top and panel made of rust proof and corrosion resistant moulded ABS.	YES	
		Accessories:		
		Spare bottles: 02nos, Lid: 02nos, Rubber Seals: 02nos, Blades: 02nos, Suction Tubing set at least 5metres: 02nos,	YES	
		Spare fuse: 01 set and Bacterial filter: 05 nos.	YES	
		Supplied complete with all standard accessories Power Supply: 220 - 240 V, 50Hz		
	Crash Cart trolley 	Made of aluminium and high density polyethylene	YES	
		5" castors standard with five drawers Drawers made of aluminium composite and high density polyethylene Built-in Security Rail Top corrosion resistant, high density polyethylene 5	YES	
		4 qt Sharps Dispenser with mount which can be mounted on left or right along with waste container	YES	
		Mount made of high density polyethylene Waste Container with Mount which can be mounted on left or right side along with sharps dispenser	YES	
		Mount made of high density polyethylene	YES	
		Crash Cart Handle: Made of high density polyethylene 360 degree Locking Defibrillator Mount with Security Straps: Holds up to 15lbs.	YES	
		Made of high density polyethylene Crash Cart Cardiac Board: Made of high density polyethylene: Made of high density polyethylene Oxygen Tank Mount with Security Straps: Made of high density polyethylene.	YES	Not include the oxygen tank
		Holds sizes D & E oxygen tanks Telescoping I.V. Pole with Mount: Two loop design.	YES	Only can hold the 4l oxygen tanks and include the I.V Pole
		Extends to a maximum of 72 inches Breakaway Drawer Locks: Individual drawers or gang lock for all drawers available	YES	

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Features Delivered fully assembled, no tools required Top constructed of solid high density polyethylene 100% Total Replacement Lifetime Guarantee 31 x 42 x 24 inches (width, height depth), 88 pounds Lightweight aluminium composite construction Multiple accessories available for any application 5" enclosed high compressive nylon rubber castors Adjustable and customizable built in track system		**Size: L850 x W 520 x H 1045mm** **4 pcs dia. 125mm castors with brakes** **Yes, for the drawer**
	Laryngoscope set	3 Set for Adults and 2 Sets for Children (Marc and Miller Type) Large hollow, cylindrical, slightly ribbed handle. Handle made of either Chromium plated or Stainless Steel		Comply – set meaning Blades
		Can be opened to insert two batteries (type LR 14, size C, 1.5V) Stud contact, fitting various sizes and types of depressors With a set of four stainless steel depressors, with halogen bulb **Marc. Type** Curved Nr 2, length approx. 110mm Curved Nr 3, length approx. 135 mm Curved Nr 4, length approx. 155 mm **Miller Type** Straight Nr 1, length approx. 100 mm Supplied with: - 1 x Durable protective plastic box or padded vinyl case - 4 x Spare halogen bulb (one for each depressor) - 2 x Dry cell, alkaline, "C" 1.5V	YES	Comply
	Nebulizer 	Electrical powered with accessories Portable, compressor driven nebulizer pump Easy to operate and sturdy design for use in demanding environment Cup capacity minimum 3ml to max 10ml Nebulization approximate 0.3 to 0.8 ml/min Residual Volume maximum 2ml Flow delivery range (under load) 0.5 t0 max 10 L/min Operating temperature +5 to +50° C Humidity up to 65% Power Supply 220 - 240V, 50Hz, 50W Supplied with: 1 atomizer body piece 1 pediatric reusable mouth piece 1 adult reusable mouth piece 2 air tubing 9mm diameter and 1 m length Dosage cup Reusable pediatric and adult masks	Yes	professional piston compressor Nebulizer for Aerosoltherapy. Designed for intensive treatments in clinics or hospitals.Standard consumables include the adult and child masks with elastic strings, mouthpiece, nosepiece, air tube, and air filter. Compressor – Oilless and maintenance-free piston pump Power feeding – 230V-50Hz Power consumption – 180VA Max Pressure – 2.5bar 36psi 250kPa Max Air flow – 16l/min

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
	Blood and fluid warmer	Fluid Temperature Range: 33 - 37°C Heat Transfer Method: Dry heat Time to heat from 23°C to usable range (33 - 37°C) : 30 - 40 minutes		COMPLY
		High Temperature protection set point: 37°C Temperature: Operation Mode: +5°C to +40°C Humidity: Operation Mode: -30% to 75% non-condensing Supply Voltage: Warmer, 15 VDC Power Supply: 220 - 240V, 50Hz		
	Infusion Pump	One Channel at least Capable of accepting any kind o fluids (solutions and medications) Pump Capabilities: Flow Range: 0		
		1 to > 999 ml/hr Increments: 0		
		1 - 100 ml/hr Keep Vein Open (KVO) Rate: 1 - 5 ml/hr Volume to be Infused Selector (VTBI): 1 - 9999 ml Flow Rate Accuracy of +/- 5% When multiple channel automatic piggybacking Ingress protection not less than IPX2 Front Panel lockout Self-check carried out on powering on Events Stored System: Log book Pause Infusion Facility required Anti-bolus System to reduce pressure on sudden release of occlusion IV Set Free-Flow Protection and Air Trapping Capability Needleless IV connection "Dose Error" reduction system preferable Drug library software available, including updates (free during warranty)	YES	Better Flow Rate 0.1-2000ml/hr Better.KVO 0.1-5ml/hr IP23 not supply administration set. Open system please use common universal Sets Open system please use common universal Sets 5 hours working
		Air Bubble Detector with single and cumulative functions preferable Clearly visible optical alarms Acoustic Alarm not less than 45Db Real Time Display Availability of a Nurse call system connectable to a staff alerting system, 24V/0	YES	
		2A static or dynamic preferable Continuous operation within specification in ambient temperature of at least 5 - 40oC, Relative humidity of at least 10 - 90% noncondensing	YES	
		Monitored and Displayed Parameters (colour and graphic preferable) Flow Pressure Dose Availability of software to monitor the delivery of drugs preferable Alarms Audible alarm required with volume control Momentary silence less than 2 min	YES	
		Occlusion upstream and downstream Air in line and System malfunction Set loaded improperly and Door Open Infusion Complete and Loss of mains power Low Battery and Clinical Advisory Messages Consumables labeled ''single use" Compatible Administration Set: 100	YES	

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Compatible Administration Sets micro-bore and macro-bore: 100 Compatible long Administration Sets both micro-bore/small and macro-bore or long extension sets: 100 Accessories Clamp for mounting pump on IV stand Clamp for external transportation preferable Portability Data port required, at least RS 232 and/or USB interface Long analysis software and updates provided	YES	
		Wireless connectivity	YES	
		Event log required and recording Software to diagnose and calibrate the equipment withaccess to calibration settings Power Supply Operates from AC mains power: 220 - 240V, 50Hz In-built rechargeable battery	YES	
		Battery with operating time at least 4 hours at 25 ml/hr Automatic switch from AC mains power mode to battery operating mode and vice versa	YES	5 hour working
		Total re-charging time not greater than 6 hours	YES	
	Syringe pump	Microprocessor controlled programmed syringe pump Programming: Up to 99 steps of speed and time' Time Resolution: 0 to 999 minutes in 1 minute steps Time Resolution can be selected individually for each program step Accuracy: +- 1% Reproducibility: +/-0.2%Syringes: Glass, plastic. Metal syringes from 5 micro-liter to over 150ml Flow Rate Range: Depends on the inner syringe diameter 0.4nl/min	YES	
		with a 5ml syringe to 110ml/min with a 150ml syringe	YES	
		Maximum Force: 300N reducible by a switch to 80N Motor: Microprocessor controlled brushless long life BLDC motor with Neodymium magnets Transmission: Efficient force transmission by a ball screw with highest mechanical load capacity of 12,000N Pusher Travel: 120mm Pusher Travel Rate: Minimum: 0	YES	
		08 mm/min Maximum: 80 mm/min Speed Control Range: 0 to 999 Non-volatile Memory: Storage of all settings Power Supply: 220 - 240V, 50Hz Interface: RS-485 or RS-232 automatic valve control Remote Control: 0 - 10V Operation Temperature: 0 - 40oC Operation Humidity: 0 - 90% RH not condensing	YES	
	Portable Hand held Pulse oximeter	Patient Range: Adult, Pediatrics and Neonatal patients High Resolution, 2.4" colour display Visual and sound alarms Uses AA size alkaline or rechargeable batteries **Digital SpO2**	YES	4.3" TOUCH LCD Display range 0% ~ 100% SpO2 display resolution 1%

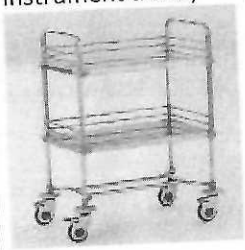
S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Range: 0 - 100% Resolution: 1%, Accuracy: 70% to 100% +/- 2% Refreshing Rate: < 13 seconds Pitch Tone: Yes		Spo2 AccurayAdult/Pediatric : 70 ~ 100% ±2% Neonate : 70 ~ 100% ±3% 0 ~ 69% : unspecified
		Pulse Rate Range: 25 - 250 bpm Resolution: 1 bpm, Accuracy: +-2% or +/-1 bpm Refreshing Rate: < 13 seconds	YES	Measuring range 25 ~ 250bpm Resolution ±1bpm Accuracy ±2% or ±2bpm, whichever is greater
		Display: Type: 2.4" colour display 320 x 240 pixels Parameter Digital SpO2, Pulse Rate, Pleth bar and SpO2 waveform		Type Color TFT touch screen LCD Size 4.3"
		Alarm Audible alarm, audible button tone Supports Pitch Tone and multi-level volume	YES	SPO2 alarms and various system
	Central Monitoring Station 8 Channel	**General Description** Modular and Suitable for Adult/Paediatric/ Patient monitoring Minimum 15" multi colour TET display screen Eight Channel digital and waveforms/traces display Capability of storage of patient data and printing of patient reports. **Five years comprehensive Maintenance inclusive.**	**This is not CMS specification, it's the patient monitors specification.**	
		Parameters: Eight digital and waveforms/traces display Facilities to monitor and display ECG, Respiration, NIBP, Et CO2, SpO2 and Temperature ECG Multichannel (uo to 12 lead) ST segment analysis 3 or 5 lead with cascade waveform facility Monitoring, Diagnostic and OT modes of monitoring of ECG Simultaneous Multi-lead ECG monitoring of 7 ECG lead		
		Heart Rate (HR) Range: 2 - 350 bpm HR/PR Source selection facility from Automatic, SpO2 IBP and NIBP Automatic arrhythmia detection alarm for standard and lethal arrhythmia Pulse Oximetry Nellcor or Masimo technology Display of Plethysmograph with Pulse Strength indicator and SpO2 values and perfusion index Sp02 Range: 1 - 100% PR Range: 20 to 230bpm ETCO2 Should be Main stream capnography with display of CO2 and digital Values of EtCO2, FiCO2 and RR		
		EtCO2 Range: 0 - 99 mmHg FiCO2 Range 0 - 20 mmHg Flow Rate: 50ml/min NIBP Measurement and display of systolic, diastolic and mean pressure values of NIBP measurement for Adult, Child and Neonate		

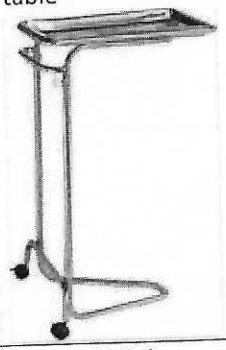
S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Use selectable alarm settings: Mode: Manual, STAT (continuous 5 minute operation) and automatic (selectable time interval 2 - 90 minutes) Range: 20 - 250 mmHg Temperature Two channel and with two units (oC and o F) selectable Temperature Range: 0 - 50oC		
		Option for differential temperature		
		Should be provided Respiration: RR range 1 - 150 bpm Apnea alarms should be provided Trends and Alarms 72 hours		
		Non volatile graphical/ tabular trends with zoom facility and separate dedicated trend for storing minimum200 NIBP readings Should have Alarm recall facility for last 24 Alarm events with date, time and message		
		Should have facility to print Graphical trend, tabular trend and alarm recall		
		Recorder In-built dual channel thermal array recorder		
		Include Laser Printer and dual channel strip chart recorder Others Defibrillator and Cautery protection should be provided		
		Should work on Mains as well as Battery (backup for 2 hours) Automatic zoom in facility in the monitor display		
		Should have facility to download trend data on USB and SD Card Supplied complete with all standard accessories and consumables that will enable the machine to operate		
		Power Supply: 220 - 240V,50 Hz		
		CENTRAL STATION Central Station should have facility to display up to 20 real time waves at a time and upgradable	YES	better, if display resolution 1920×1080, support display 36 Patient Sectors with max.3 waves per patient
		Central Station should have separate patient window for viewing detailed real-time or stored data for individual patient	YES	
		It should have 24 hr stored patient data monitoring trends and 24 hr event review facility	YES	
		The Central Nurse Station should also have the following: - Multi-lead arrhythmia and ST review facility - 50 alarms strips storage per bed - Offer wave review with 24 hr full disclosure - Optional facility for dual display for detailed analysis of individual bed without compromising on full ICU monitoring	YES	better, Full disclosure: Most recent 240 hours of full-disclosure waveforms and compressed waveforms Alarms: Most recent 3000 events, including the parameter name and 16-second waveform before and after an alarm is triggered
		Facility for interfacing Holter data for analysis, in case of the Holter from the same brand is available	YES	We offer ECG 24h Summary report which is refercence to doctor; we don't have holter,

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Export the ICU Patient data to Holter for analysis	YES	
		Remote display (Slave) facility should be available	YES	
		Real time recording thru Dual Channel Recorder	YES	
		Facility for interfacing a laser printer for printing patient information and trend formats	YES	
		Advanced arrthythmia analysis package of at least 20 arrthythmia analysis	YES	
		12 lead ECG Monitoring and view possible at Central Nurse Station	YES	
		Continuous full disclosure of up to 4 configurable waves per patient	YES	Display: 1 page maximum: 3, turn the page to view all waves the monitor have
		Operate on Microsoft Windows NT workstation operating system	YES	Windows® 7 Professional SP1 ■ Support Windows® 10 ■ Support Windows® Server 2008 ■ Support Windows® Server 2012 R2 ■ Support Windows® Server 2016
		Supplied with 19" Flat Screen TFT display, Laser Printer and Recorder, UPS	YES	24" Monitor
		- The entire networking and cabling witrh hardware Wall mounts		
		Power Supply: 220 - 240 V, 50Hz	YES	
	Central Vernous catheters (CVC)	Set of Sizes 3, 4, 5, 6, 7, 8, 9, 10	Comply ALL	Central Venous Catheter Triple Lumen 5FR 200mm Central Venous Catheter Triple Lumen 7FR Central Venous Catheter Triple Lumen 4.5 FR 80mm
	Oropharyngeal Air way (OPA)	Set of Sizes 0,1, 2, 3, 4, 5 for Adult and Pediatrics		COMPLY
	Nasalpharyngeal Air Way (NAP)	Set of Sizes 3, 4, 5, 6 for Adults and Pediatrics		COMPLY
	Endotrachea	Set of Sizes 3, 3.5, 4, 5, 6, 6.5, 7 ,7.5, 8		COMPLY
	defilbrillator	Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to deliver shocks from 2 Joules to 200Joules.	YES	Better, from 1J and up to 360J

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Five years comprehensive Maintenance inclusive.	YES	5 years warranty from the date of B/L -bill of lading
		Should monitor ECG through paddles, pads and monitoring electrodes and defibrillate through pads and paddles	YES	
		Should compensate for body impedance for a range of 25 to 150 ohms.	YES	better, 25 - 300 ohms
		Should have charging time of less than 5 seconds for maximum energy.	YES	better, less than 3s charge to 200J
		Should have High resolution more than 8 inch colour display for viewing monitoring parameters like ECG, SpO2, NIBP and EtCO2 with 4 waveform capability of 4 seconds	YES	8.4 inches screen for ECG, SPO2, NIBP, Et CO2
		Both Adult and Pediatric paddles should be available Should have event summary facility for recording and printing at least 55 events	YES	better, up to 1000 event
		Should have a battery capable of usage for at least 5 hours of monitoring	YES	better, 6 hours monitoring
		Should be capable of printing Reports on event summary, configuration, self test, battery capacity etc Should have facility for self test/check before usage and set up function.	YES	better, up to 1000 evenT
		Should have facility to monitor parameters like SpO2, NIBP and etCO2 along with non invasive pacing (Demand and Fixed mode) facility	YES	with SPO2, NIBP, CO2 monitoring
		Should be able to upgrade the defibrillator for 12 lead ECG monitoring and ECG transmission System	YES	Could be upgrade to 12 leads ECG
		Configuration Accessories, spares and consumables:		
		Defibrillator with AED and external Pacemaker - 1pc Adult with built in Pediatric External Paddles - 1pc Patient Cables - 1pc ECG Rolls 50 Adult SpO2 reusable Sensor - 1pc Adult NIBP Cuff and Hose - 1pc EtCO2	YES	
		Tubing (box of 20) -1box AED Multifunction Pads for Adults - 10 pairs with Each unit.	YES	
		The unit shall be capable of operating continuously in ambient temperature of 5 to 45oC and relative humidity of up to 95%	YES	

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Shall meet General Requirements of safety for Electromagnetic Compatibility.	YES	
		Power Input: 240 VAC, 50Hz	YES	
	Endotrachea Tube Introducers (Stylate and Bougie)	A disposable, latex free, sterile and individually wrapped device. Markings: at 20 cm, 30 cm, and 40 cm intervals. It consists of a 50 to 60 cm stylet with the distal tip bent at a 30 degree angle Endotracheal Tube Introducer bougie: - size 15 FR, OD 0.5mm, 700 mm - size 10 FR, OD 3.3mm, 700 mm - size 6 FR, OD 2.0 mm, 530 mm		COMPLY - Bougies
	Magills Forceps	Made from stainless steel and can be disinfected and sterilized Twin-bladed tong-like forceps Handles for gripping by the user Rounded ends for grasping Oblique angle between handles and blades to prevent obstruction of the view of the airway during use. Sizes for Adult and Child use		COMPLY
	Nasal Cannula (prongs)	Nasal cannula (nasal prongs), device designed for easy administration of oxygen into the patient nose through two small prongs placed in the nostrils. It consists of soft twin prongs nasal tips to ensure equal oxygen flow to both. Adjustable, smoothly finished nasal tips for maximum patient comfort Star lumen main tube to avoid accidental blockage. Made from soft and kink resistant polyvinyl chloride (PVC) material For Adult and Child use		COMPLY
	Wall mounted otoscope	Illumination: Pressurized halogen lamp Image Resolution: 1280 x 1024 pixels Connection/Interface: USB 2.0 with 3m cable System Requirements: Windows XP Service Pack Electrical Rating: Lamp 3.5V DC, 810mA USB: 5V DC, 150mA Focal length:114mm and Magnification:2.2X Constructed from ABS and Acrylic Plastic or Stainless Steel Automatic Image Brightness and white balancing for optimal image		COMPLY

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		quality Supplied complete with Charger		
	wall mounted Opthalmoscope	Range of lenses not smaller than -20D to +29D with steps not greater than1D. Anti-reflection lens Magnification: 12 - 15X Apertures: Small, Large and Semi Circle, Fixation Star Colour Temperature: Cool White in the range 3100 - 5500K Light Intensity: 8,000 - 12,000 lux. Dust free sealed optics and aspherical optical system Red-free, Blue, Green and polarization filters Handle with On/Off switch. Scratchproof lens: Glass or Plastic Batteries: AA or rechargeable. Battery life at least 5 hours of use on full charge or fresh batteries Accessories: Battery Charger (as applicable to rechargeable type only) Sufficient light bulbs for 3 years use. Rechargeable Battery 1.5V.		COMPLY
	Instrument trolley 	Stainless steel shelves and railings Available in full stainless steel/powder coated frame. Stainless steel bottom and top shelves with railing on top shelf Frame Mounted on 100 mm diameter wheels Overall Size: L 710 mm x W460 mm x H830 mm	YES YES YES	Stainless steel surface without powder coated. Size: L730*W470*H970

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
	Adjustable Mayo table 	Made of stainless steel with removable top tray	YES	
		Height adjustable by foot 75 mm swivel castors Dimensions: Width 60 cm, Depth 40 cm and Height 120 - 130 cm	YES	Size: L600*W400*H850-1000mm
	IV Pole 	Five-claw wheel Adjustable IV Pole • Material: Cast iron base 5 Wheels.• Down Tube: φ 25.• Top Tube: φ 16.• Adjustment mode: Rotary Knob / Jackscrew.• Height: 2m, 2 hooks.	Yes	IV stand (type C) main feature: 1. stainless steel round tube and ABS plastic base; 2. height can be adjusted from 135cm to 240cm ; 3. top with 4 chrome hooks, base with castors

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
	x-ray viewer 	• Dimensions(mm): 850x500x39mm • Film: 14 x 17" • View area: 730x442mm • Lamp: CCFL 12pcs • Luminance: 12,000lux or more • Power consumption: 60W • Power: 220VAC 50/60HZ • Life Time: over 80,000hr • Film Clipping: Spring Roller or similar	YES YES YES YES YES YES	Frame: 857 x 502 x 25mm View area: 714 x 442mm 48W AC90-240V 50/60Hz

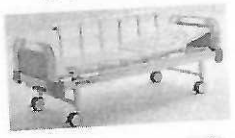
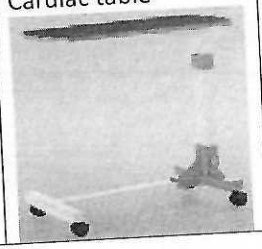
S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
	Digital Mobile X-ray	This Machine should be able to provide a minimum of 300 images per day. Should have a high frequency generator of 50-150KW, Automatic exposure device, Anatomical programming radiography, overloading protection feature, digital display of KV and mAs. X-Ray tube should be Floor stand mounted. Axis should rotate 360 degree Five years comprehensive Maintenance inclusive. High speed rotating anode and exposure should be 50 – 150KV and 0-600mA. Heat strength capacity of the anode at least 150,000HU. The digital detector (Two fixed Detectors) should be flat panel of latest technology. The digital workstation should have high speed processors, preview time of 5s or less. The workstation should provide basic functions for image processing and be compatible to other HIS Displayed Parameters: The console monitor should display patient ID, Exposure factors, warning sign and other important parameters. **Components: Patient table:** Mounted on heavy duty four castors with brakes to allow Longitudinal and lateral movement and better patient position. Floating table with up and down movement Table Size from 1800x800mm to 2200x800mm **Patient weight:** at least 150Kg **Bucky wall stand:** Height :1900mm Center Height Stroke Range from 400mm to 1600mm Source to image detector should include the range of 90cm to 125cm **Detectors:** Fixed Flat Panel Detectors Active Image Size at least 17inch x 17inch or 43cm x 43cm Pixel Size at least 140 micron Dimension : 460 x 460 x 15mm Dust cover for control unit to be supplied. Protection against insect and rodent ingress to be incorporated.		NOT QUOTING

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Electrical Requirements: Should meet Tanzania Electrical Standards (Voltage of between 220-240V with the standard frequency of 50Hz) with type G adaptor System.Accessories: Multi-tray printer for different X-Ray film sizes (10 x 12, 14 x14, 14 x 17, 10 x 8). Protective gear (lead apron minimum of 2 small, 2 medium and 2 large), Googles (Minimum 1 small, 1 medium and 1 large). Gonad shield (minimum 2 small, 2 medium, 2 large), neck collar shield (minimum of 1small, 1 medium, 1 large), Gloves (Minimum 2 small, 2 medium and 2 large). Radiation hazards warning signs to be supplied with the machine. It should come with the Power Backup System with capacity of power storage for not less than 15 Minutes. Radiation protective gears: X-ray should come with;(i) two (2) pairs of lead aprons with back protection 0.35/0.25mmPb, (ii) two (2) pairs of Thyroid Shield Model Classic 0.35mmPb (iii) two (2) pairs of Patient Apron with belt 0.50mmPb Leadlite W/G-30 L-30PrinterMulti-tray printer for different X-Ray film sizes (10 x 12, 14 x14, 14 x 17, 10 x 8).Training, Installation and UtilizationRequirements for commissioning: Manufacturer/supplier should perform installation, safety and operation checks before handover. Acceptance tests to be specified and local clinical and technical staff to verify proper and full functioning of device.Training of user/s: Application specialist shall provide training of users in operation and basic maintenance.Warranty and Maintenance:Five years comprehensive maintenance should include service, spare parts and labour starting from the day of the acceptance testing of the machine.Lifetime support; spare parts, consumables should be available throughout the lifetime period of the machine.		

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		Uptake time should be a minimum of 90%. Proof of locally available technical support personnel, including CVs and work permit for foreign personnel. Availability of technical personnel within the country should be stated; this should include CVs, work permits for foreign personnel. Software should be flexible and provide the room for upgrade to add new parameters to be measured by the Machine and report format. Documentation: Operating and service manuals (In English) including lists of important spares and accessories - with their part numbers and list of equipment and procedures required for calibration and routine maintenance should be provided. Documentation must also show recommended procedures for disposal and any probable hazards to the environment and/or community. Life span: Life span of the machine should be not less than 10 Years. Risk Classification: As per ISO 14971:2007- Application of risk management to medical devices. Regulatory Approval / Certification: TAEC, TBS and TFDA		

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
	Neonatal ventlilator MODEL: SV300PRO	The Ventilator should be microprocessor controlled designed for neonatal use. There should be possibility to upgrade with additional features Continuous flow, pressure limited, time cycled ventilator design Ventilator modes: should have following modes available in the unit IMV/IPPV CPAP including non-invasive ventilation SIMV, SIPPV/Assist-control Volume targeted/guarantee mode of ventilation with ability to deliver and monitor tidal volume as low as1-2ml (Range 2ml to 50 ml) Pressure support mode of ventilation Apnea back-up ventilation Should have integrated high resolution TFT medical grade screen (size 4") for real time display Scalar (Pressure, Flow and Volume against time) and loop (Pressurevolume, volume flow and pressure-flow) pulmonary graphics Digital display of FiO2, Peak pressure, mean airway pressure, CPAP/PEEP, Expiratory tidal volume, expiratory minute volume, total frequency, spontaneous frequency, lung function monitoring Compliance, resistance, lung distention coefficient, (C20/C), Lung time constant, Rate volume ratio etc. Should have built-in logbook for recording events like various alarms. Integrated monitoring: Integrated volume and pressure monitoring i.e. monitoring of PEEP P_{max}, P_{mean} and VT, VT_{spont}, MV and MV_{leak}. The volume monitoring should have NTPD to BTPS correction. Monitoring of ie, Frequency and Spont. Frequency **Settings range**: Trigger Flow/volume, leak adapted PIP 8 to 80cm of water PEEP/CPAP 0 to 25 mbar. **Five years comprehensive Maintenance inclusive.**	YES	COMPLY

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
		I:E ratio 1:0 to 1:10 Inspired Time 0.1 to 2 sec Expired Time 0.2 to 30 sec Frequency Up to 200 BPM Base Flow (VIVE) 1 to 30 LPM Synchronization Patient synchronization Integrated blender for Oxygen 21 % to 100% Integrated nebulization facility Integrated screen for display of Pressure-Time, Flow-Time and Volume-Time curves Integrated monitoring of FiO_2 Monitoring of flow: At the Y piece with facility to activate it Audiovisual alarms with advisory on-screen message: MV high/low, Apnea, tube obstruction, FiO_2, high/low high PIP, low PEEP/CPAP, fail to cycle, gas supply low, power failure, ventilator inoperative, alarm log book. The ventilator should have automatic compensation for leakage and should monitor and display leakages The ventilator should show trends of important parameters viz. C,R, FiO_2, MAP, etc for evaluation of patient improvement Power Supply: 220 - 240V, 50Hz. **SCOPE OF SUPPLY** Ventilator on trolley with wheels and brake facility Integrated medical air compressor Humidifier with autoclavable chamber and complete with patient circuit Circuit support arm Nebulization accessories (2 sets)		
		Bacterial filters 50 sets Flow sensors 20 sets Oxygen cell and Oxygen connecting hose Air connecting hose Battery back-up (at least 30 minutes)		
	Glucometer 	·Hand held type Glucometer ·Battery operated ·Memory up to 10 measurements ·Sticks method measurements ·Code of sticks interring is available ·Indication of high and low measurements One box of sticks and punctures is included Operating instructions is included	YES YES YES YES	Comply

S/N	Equipment Description	Technical specifications		COMPLY / NOT COMPLY
	Hemoglobinometer 	· Parameter: Hemoglobin, HCT(Hematocrit)· Principle: Optical reflectance · Sample: Capillary or venous whole blood (13~15ul) · Strip: H12 Hemoglobin Test Strip · Speed: ≤ 10 seconds · Measuring Range: 4.0g/dL~25.6g/dL(g/L optional) · Memory: 1200 test results · Automatization: Self-checking, auto-judging and displaying malfunction · Power: DC 6V(Two CR2032 Batteries) · Precision: CV<5%,testing samples including high, medium & low concentration, the CV of 10	YES YES	- Hemoglobin an Hemotrocrit result from one sample available after 25-60 seconds - 8ul venous, arterial or capillary blood sample - Stores upto 4000 patient reults - Measuring range:0-25.6g/dL: 0-15.9mmol/L
	Patient Beds with matress, Model:B-21-1 	• Heavy duty bed Size (L×W×H): 2150×950×500mm• High quality section steel welding• The surface electrostatic sprayed• Corrosion resistant• Easy to clean• Side guard made of well plastic• I.V pole• Four casters, two caster with brakes	YES	Movable semi-fowler bed with ABS headboards B-21-1 Oversize: 2140mm(L)*940mm(W)*500mm(H) Main features: 1. Epoxy coated bed frame, with Collapsible aluminum alloy side rails, and detachable ABS engineering plastic headboards, 2. single function, which can be operated by crank, the details are as follows: (1)back rest:0-70±2° 3. Anti-bumper in four corners, with I.V. rod locations 4. Four dia-125mm castors with brakes 5. Freight saving knock-down construction.
	Bedside lockers 	• dimension 520*480*740 • made of high density wood • one drawer and one door with handles, top with rail • two tower hanger, four wheels with cross breaks	Yes	Size 475 x 470 x 755mm ABS Bedside cabinet With one foot board, one drawer, one small door (inner with one shelf board)
	Cardiac table 	• Size:900*450*900-1200mm Wooden dinning board(800*400mm) • Steel frame, ABS gas spring bottom • Height is adjustable, controlled by gas-spring Four silent castors,φ55mm		Movable over bed table F-32 Size: L795*W400*H700~960mm main feature: 1. epoxy coated steel frame with wooden top board 2. the height can be adjusted by gas-spring from 700 to 960mm 3. base with dia.50mm castors, two of them with brakes

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[Text of Technical Specification to be inserted in the Tendering Documents by the Procurement Entity, as applicable

S/N	Equipment Description	Technical specifications
	ICU Beds	Fully Motorized ICU Bed) 5 Section PP Tops, 125mm Twin Wheel Castors. Central Locking Mech., Rubber Buffers at 4 corners Handset , ACP Box, Battery Back Up, SMPS Bed Extension, Linen Holder, Night Lamp, Angle Indicator.Polymer -Moulded Head and Foot Panels (Removable) - Polymer Moulded Split Safety Rails (2 sets) Urine Bag Holder (Single) S.S Heavy Duty I.V. Pole (2 hooks) Premium mattress, single section, 4", with wave shape on both sides, High quality, high density, flame retardant foam and cover fabric having flame retardant, antibacterial, antiskid properties Mattress for Bed Extension
	Ventilator	Should have facility for Invasive and Non-Invasive ventilation
		Microprocessor Control suitable for Pediatric and Adult ventilation Electromagnetic Compatible Hinged arm holder for holding the circuit Should have built-in touch colour screen TFT display of minimum 10 inches or more for display of waveforms and Monitored value. **Five years comprehensive Maintenance inclusive.**
		Should have in-built facility to upgrade with EtcO2
		Facility to Measure and Display: Status Indicator for ventilator mode Battery Indication Alarm Setting Automatic compliance and leakage compensation for circuit and ET Tube Should have facility of log book, for events and alarms with date and time
		Should have the following settings: Tidal volume (Minimum at least 50ml, Maximum up to 2000ml) Inspiratory Pressure (up to 80cm of water) Respiratory rate 1 to 80 bpm
		Apnea back up rate CPAP/PEEP Pressure support FiO2 Pause Time Pressure and Flow Trigger Inspiratory Flow up to 120bpm Monitoring and Display of the following Parameters: Airway Pressure (Peak and Mean) Tidal Volume (Inspired and Expired) Minute Volume (Inspired and Expired) Respiratory mechanics, Spontaneous Minute Volume Total Frequency, FIO2 dynamic, Intrinsic PEEP, Plateau Pressure, Resistance and Compliance.
		Use selector Alarm for all measured and monitored parameters, Occlusion Pressure and Pressure Flow and Volume curves.
		Modes of Ventilation equipped with newer modes of ventilation: Assist Control, Volume Control, Pressure Control SIMV with pressure support (Pressure and Volume control) PEEP Inverse ratio Ventilation Non invasive ventilation - BIPAP, CPAP. Apnea Ventilator, user selectable, volume and pressure control Should have built-in safety alarms for Airway Pressure High and Low, Minute volume, High and Low, Power Failure, Low oxygen, High
		Respiratory Rate, Air Source in-operable. Should have in-built exhalation filter
		Humidifier: Servo controlled heated Respiratory Humidifier Temperature of delivered Gas on LED display
		Temperature should be adjustable Jar should be autoclavable Nebulization assembly compatible with ventilator and circuit.
		Should have interface facility Flow sensor

S/N	Equipment Description	Technical specifications
		should have life more than 1 year Expiratory Unit- life
		should be more than 3 years Data storage facility for at least 24 hours Internal rechargeable battery at least 30 minutes backup.
		Supplied complete with compatible UPS and all standard accessories.
		Power Supply: 220 - 240V, 50Hz
	Monitor	Modular & Suitable for Adult/Pediatric/ Patients monitoring Minimum 15 inches multi colour TET display screen. **Five years comprehensive Maintenance inclusive.**
		Eight Channel digital and waveforms/traces display.
		Capability of storage of patient data and printing of patient report. :
		Facility to monitor and display:-ECG, Respiration, NIBP, SpO2, EtCO2 and Temperature. ECG
		Multichannel (up to 12 lead) ST segment analysis.
		3 or 5 lead with cascade waveform facility.
		Monitoring, Diagnostic & OT modes of monitoring ECG lead Simultaneous Multi - lead ECG monitoring of 7 ECG lead. HR range 20-350 bpm.
		HR/PR Source selection facility from Automatic, SpO2 IBP and NIBP PULSE OXYMETRY: Display of Plethsmograph with Pulse strength indicator &SpO2 values and perfusion index.
		SpO2 range 1 - 100% and PR Range 20 - 230 BPM
	ECG	Electrocardiogram (ECG) digital monitor and recorder, 12-leads detection, multi-channel recording, portable, AC and battery powered, with printer and accessories. **Five years comprehensive Maintenance inclusive.**
		ECG diagnostic monitor and recorder with printer ECG analysis and full interpretation (rhythm and events), real-time and manual.6-channels recording.
		ECG Features: 12 standard derivations aVR, aVL, aVF, I, II, III, and V1 - V6
		Simultaneous 12-leads acquisition adjustable ECG acquisition and visualization modes ECG gain 2.5, 5, 10, 20 mm/Mv and Auto, accuracy +-5%
		Adjustable ECG sweep (trace speed in mm/s) HR range 30 - 300 bpm with rhythm analysis Common Mode Rejection Ratio (CMRR) >89 dB.
		Frequency response (minimum guaranteed) 0.05 - 159 Hz, accuracy of input signal reproduction +/-5%, calibration signal 1 mV +/- 5% Input Impedance > 2.5 MOhm or > 50MOhm.
		Internal noise level <15 mV (p-p).
		Leakage current to patient <10 micro A With integrated keyboard, built-in printer with thermal printing head.
		Built-in rechargeable battery, autonomy >2.5 hours or 800 examinations.
		Automatic switch to battery in case of power failure and automatic recharge on connection to mains.
		ITEMS SUPPLIED WITH: 1 x patient cable 6 x reusable chest electrodes, suction ball type.
		4 x reusable clamp electrodes 1 x supply of 960 thermal Z-folded sheets 300ml of ECG conductive gel
		1 x spare rechargeable battery pack Power Input: 240 VAC, 50Hz

S/N	Equipment Description	Technical specifications
		Complete with vascular, cardiac and curvelinear probes and Jelly for use in Ambulance and in the Emergency Room . **Five years comprehensive Maintenance inclusive.**
	Portable ultrasound	Capable of generating imaging procedures involving lungs, heart, abdomen, pelvis, blood vessels, musculoskeletal and soft tissue.
		CONSOLE: Laptop style console design, optional touch screen combined with conventional user control panel
		Battery Duration: minimum 2 hours under normal use conditions Supplied complete with clear protective control panel cover for infection control. Imaging Focusing:
		Adjustable focal depth, synchronization of focal zone to the selected scanning depth.
		Zooming Capability with automated image optimization.
		Image Orientation:
		Capable of lateral and vertical Inversion (in B-mode) Image Modes: 2D Imaging, M-Mode, B/M mode, Dual 2D/Colour Imaging mode with Cine loop.
		Doppler, Colour Doppler Imaging (CDI), Power Doppler Imaging (PDI), Duplex, Continuous wave Doppler, Triple mode (optional)
		Software Application that include at least: Obstetrics/Gynecology measurements and calculations, including gestational sac mean, mean sac diameter, femur length, crown-rump length, biparietal diameter and abdominal circumference, enabling estimation of gestational age.
		Vascular/basic cardiac quantification Measurements capability (distance, area and circumference by ellipse and trace method) Equipment with write-zoom function available Screen annotations capture patient data, date and time, scanning
		protocols, probes. Monitor and Display: High Definition (HD) digital black and white and colour liquid crystal display (LCD) monitor of at least 25 cm diagonal (across), with reflection filter.
		Broadband Curvilinear transducer of at least 5-2 MHz and 12-5 MHz transducer Power Supply: 220 - 240V, 50 Hz
	Blood gas analyzer	• Portable • Sample volume 110µl • Result in one min after sample aspiration • Power supply -220v with rechargeable battery at least 42mAh • At least 10 parameter pH, pO2 , pCO2, Na, K, Ca, Cl, Glu, Lac and Hct
	Suction machine	The machine shall be portable on four wheels and with a handle for transportation. The suction pump must be totally oil-free diaphragm type.
		Must have maintenance free pumps of international design for continuous use Motor shall be of Class "F" insulation to operate in ambient temperature to withstand up to 50oC, with thermal cut-outs Able to produce minimum vacuum of 700mm Hg and which must be adjustable and monitored by vacuum gauge of suitable range.
		The suction capacity must be 25 liters per minute and can be regulated It must have two bottles of 2l each. Each made of unbreakable polycarbonate with ABS Lid with float (overflow control device) The jars must be graduated in cc levels.
		The suction bottles shall be autoclavable On/Off Switch and power indicator must be available. Shall provide foot switch.

S/N	Equipment Description	Technical specifications
		Base, top and panel made of rust proof and corrosion resistant moulded ABS.
		Accessories:
		Spare bottles: 02nos, Lid: 02nos, Rubber Seals: 02nos, Blades: 02nos, Suction Tubing set at least 5metres: 02nos,
		Spare fuse: 01 set and Bacterial filter: 05 nos.
		Supplied complete with all standard accessories Power Supply: 220 - 240 V, 50Hz
	Crash Cart trolley	Made of aluminium and high density polyethylene
		5" castors standard with five drawers Drawers made of aluminium composite and high density polyethylene Built-in Security Rail Top corrosion resistant, high density polyethylene 5
		4 qt Sharps Dispenser with mount which can be mounted on left or right along with waste container
		Mount made of high density polyethylene Waste Container with Mount which can be mounted on left or right side along with sharps dispenser
		Mount made of high density polyethylene
		Crash Cart Handle: Made of high density polyethylene 360 degree Locking Defibrillator Mount with Security Straps: Holds up to 15lbs.
		Made of high density polyethylene Crash Cart Cardiac Board: Made of high density polyethylene: Made of high density polyethylene Oxygen Tank Mount with Security Straps: Made of high density polyethylene.
		Holds sizes D & E oxygen tanks Telescoping I.V. Pole with Mount: Two loop design.
		Extends to a maximum of 72 inches Breakaway Drawer Locks: Individual drawers or gang lock for all drawers available
		Features Delivered fully assembled, no tools required Top constructed of solid high density polyethylene 100% Total Replacement Lifetime Guarantee 31 x 42 x 24 inches (width, height depth), 88 pounds Lightweight aluminium composite construction Multiple accessories available for any application 5" enclosed high compressive nylon rubber castors Adjustable and customizable built in track system
	Laryngoscope set	3 Set for Adults and 2 Sets for Children (Marc and Miller Type) Large hollow, cylindrical, slightly ribbed handle. Handle made of either Chromium plated or Stainless Steel
		Can be opened to insert two batteries (type LR 14, size C, 1.5V) Stud contact, fitting various sizes and types of depressors With a set of four stainless steel depressors, with halogen bulb **Marc. Type** Curved Nr 2, length approx. 110mm Curved Nr 3, length approx. 135 mm Curved Nr 4, length approx. 155 mm **Miller Type** Straight Nr 1, length approx. 100 mm Supplied with: - 1 x Durable protective plastic box or padded vinyl case - 4 x Spare halogen bulb (one for each depressor) - 2 x Dry cell, alkaline, "C" 1.5V

S/N	Equipment Description	Technical specifications
	Nebulizer	Electrical powered with accessories Portable, compressor driven nebulizer pump Easy to operate and sturdy design for use in demanding environment Cup capacity minimum 3ml to max 10ml Nebulization approximate 0.3 to 0.8 ml/min Residual Volume maximum 2ml Flow delivery range (under load) 0.5 t0 max 10 L/min Operating temperature +5 to +50° C Humidity up to 65% Power Supply 220 - 240V, 50Hz, 50W Supplied with: 1 atomizer body piece 1 pediatric reusable mouth piece 1 adult reusable mouth piece 2 air tubing 9mm diameter and 1 m length Dosage cup Reusable pediatric and adult masks
	Blood and fluid warmer	Fluid Temperature Range: 33 - 37°C Heat Transfer Method: Dry heat Time to heat from 23°C to usable range (33 - 37°C) : 30 - 40 minutes
		High Temperature protection set point: 37°C Temperature: Operation Mode: +5°C to +40°C Humidity: Operation Mode: -30% to 75% non-condensing Supply Voltage: Warmer, 15 VDC Power Supply: 220 - 240V, 50Hz
	Infusion Pump	One Channel at least Capable of accepting any kind o fluids (solutions and medications) Pump Capabilities: Flow Range: 0
		1 to > 999 ml/hr Increments: 0
		1 - 100 ml/hr Keep Vein Open (KVO) Rate: 1 - 5 ml/hr Volume to be Infused Selector (VTBI): 1 - 9999 ml Flow Rate Accuracy of +/- 5% When multiple channel automatic piggybacking Ingress protection not less than IPX2 Front Panel lockout Self-check carried out on powering on Events Stored System: Log book Pause Infusion Facility required Anti-bolus System to reduce pressure on sudden release of occlusion IV Set Free-Flow Protection and Air Trapping Capability Needleless IV connection "Dose Error" reduction system preferable Drug library software available, including updates (free during warranty)
		Air Bubble Detector with single and cumulative functions preferable Clearly visible optical alarms Acoustic Alarm not less than 45Db Real Time Display Availability of a Nurse call system connectable to a staff alerting system, 24V/0
		2A static or dynamic preferable Continuous operation within specification in ambient temperature of at least 5 - 40oC, Relative humidity of at least 10 - 90% noncondensing
		Monitored and Displayed Parameters (colour and graphic preferable) Flow Pressure Dose Availability of software to monitor the delivery of drugs preferable Alarms Audible alarm required with volume control Momentary silence less than 2 min
		Occlusion upstream and downstream Air in line and System malfunction Set loaded improperly and Door Open Infusion Complete and Loss of mains power Low Battery and Clinical Advisory Messages Consumables labeled ''single use" Compatible Administration Set: 100
		Compatible Administration Sets micro-bore and macro-bore: 100 Compatible long Administration Sets both micro-bore/small and macro-bore or long extension sets: 100 Accessories Clamp for mounting pump on IV stand Clamp for external transportation preferable Portability Data port required, at least RS 232 and/or USB interface Long analysis software and updates provided
		Wireless connectivity
		Event log required and recording Software to diagnose and calibrate the equipment withaccess to calibration settings Power Supply Operates from AC mains power: 220 - 240V, 50Hz In-built rechargeable battery
		Battery with operating time at least 4 hours at 25 ml/hr Automatic switch from AC mains power mode to battery operating mode and vice versa

S/N	Equipment Description	Technical specifications
		Total re-charging time not greater than 6 hours
	Syringe pump	Microprocessor controlled programmed syringe pump Programming: Up to 99 steps of speed and time' Time Resolution: 0 to 999 minutes in 1 minute steps Time Resolution can be selected individually for each program step Accuracy: +- 1% Reproducibility: +/-0.2%Syringes: Glass, plastic. Metal syringes from 5 micro-liter to over 150ml Flow Rate Range: Depends on the inner syringe diameter 0.4nl/min
		with a 5ml syringe to 110ml/min with a 150ml syringe
		Maximum Force: 300N reducible by a switch to 80N Motor: Microprocessor controlled brushless long life BLDC motor with Neodymium magnets Transmission: Efficient force transmission by a ball screw with highest mechanical load capacity of 12,000N Pusher Travel: 120mm Pusher Travel Rate: Minimum: 0
		08 mm/min Maximum: 80 mm/min Speed Control Range: 0 to 999 Non-volatile Memory: Storage of all settings Power Supply: 220 - 240V, 50Hz Interface: RS-485 or RS-232 automatic valve control Remote Control: 0 - 10V Operation Temperature: 0 - 40oC Operation Humidity: 0 - 90% RH not condensing
	Portable Hand held Pulse oximeter	Patient Range: Adult, Pediatrics and Neonatal patients High Resolution, 2.4" colour display Visual and sound alarms Uses AA size alkaline or rechargeable batteries **Digital SpO2** Range: 0 - 100% Resolution: 1%, Accuracy: 70% to 100% +/-2% Refreshing Rate: < 13 seconds Pitch Tone: Yes
		Pulse Rate Range: 25 - 250 bpm Resolution: 1 bpm, Accuracy: +-2% or +/-1 bpm Refreshing Rate: < 13 seconds
		Display: Type: 2.4" colour display 320 x 240 pixels Parameter Digital SpO2, Pulse Rate, Pleth bar and SpO2 waveform
		Alarm Audible alarm, audible button tone Supports Pitch Tone and multi-level volume
	Central Monitoring Station 8 Channel	**General Description** Modular and Suitable for Adult/Paediatric/ Patient monitoring Minimum 15" multi colour TET display screen Eight Channel digital and waveforms/traces display Capability of storage of patient data and printing of patient reports. **Five years comprehensive Maintenance inclusive.**
		Parameters: Eight digital and waveforms/traces display Facilities to monitor and display ECG, Respiration, NIBP, Et CO2, SpO2 and Temperature ECG Multichannel (uo to 12 lead) ST segment analysis 3 or 5 lead with cascade waveform facility Monitoring, Diagnostic and OT modes of monitoring of ECG Simultaneous Multi-lead ECG monitoring of 7 ECG lead
		Heart Rate (HR) Range: 2 - 350 bpm HR/PR Source selection facility from Automatic, SpO2 IBP and NIBP Automatic arrhythmia detection alarm for standard and lethal arrhythmia Pulse Oximetry Nellcor or Masimo technology Display of Plethysmograph with Pulse Strength indicator and SpO2 values and perfusion index Sp02 Range: 1 - 100% PR Range: 20 to 230bpm ETCO2 Should be Main stream capnography with display of CO2 and digital Values of EtCO2, FiCO2 and RR
		EtCO2 Range: 0 - 99 mmHg FiCO2 Range 0 - 20 mmHg Flow Rate: 50ml/min NIBP Measurement and display of systolic, diastolic and mean pressure values of NIBP measurement for Adult, Child and Neonate
		Use selectable alarm settings: Mode: Manual, STAT (continuous 5 minute operation) and automatic (selectable time interval 2 - 90 minutes) Range: 20 - 250 mmHg Temperature Two channel and with two units (oC and o F) selectable Temperature Range: 0 - 50oC
		Option for differential temperature

S/N	Equipment Description	Technical specifications
		Should be provided Respiration: RR range 1 - 150 bpm Apnea alarms should be provided Trends and Alarms 72 hours
		Non volatile graphical/ tabular trends with zoom facility and separate dedicated trend for storing minimum200 NIBP readings Should have Alarm recall facility for last 24 Alarm events with date, time and message
		Should have facility to print Graphical trend, tabular trend and alarm recall
		Recorder In-built dual channel thermal array recorder
		Include Laser Printer and dual channel strip chart recorder Others Defibrillator and Cautery protection should be provided
		Should work on Mains as well as Battery (backup for 2 hours) Automatic zoom in facility in the monitor display
		Should have facility to download trend data on USB and SD Card Supplied complete with all standard accessories and consumables that will enable the machine to operate
		Power Supply: 220 - 240V,50 Hz
		CENTRAL STATION Central Station should have facility to display up to 20 real time waves at a time and upgradable
		Central Station should have separate patient window for viewing detailed real-time or stored data for individual patient
		It should have 24 hr stored patient data monitoring trends and 24 hr event review facility
		The Central Nurse Station should also have the following: - Multi-lead arrhythmia and ST review facility - 50 alarms strips storage per bed - Offer wave review with 24 hr full disclosure - Optional facility for dual display for detailed analysis of individual bed without compromising on full ICU monitoring
		Facility for interfacing Holter data for analysis, in case of the Holter from the same brand is available
		Export the ICU Patient data to Holter for analysis
		Remote display (Slave) facility should be available
		Real time recording thru Dual Channel Recorder
		Facility for interfacing a laser printer for printing patient information and trend formats
		Advanced arrthythmia analysis package of at least 20 arrthythmia analysis
		12 lead ECG Monitoring and view possible at Central Nurse Station
		Continuous full disclosure of up to 4 configurable waves per patient
		Operate on Microsoft Windows NT workstation operating system
		Supplied with 19" Flat Screen TFT display, Laser Printer and Recorder, UPS
		- The entire networking and cabling witrh hardware Wall mounts
		Power Supply: 220 - 240 V, 50Hz
	Central Vernous catheters (CVC)	Set of Sizes 3, 4, 5, 6, 7, 8, 9, 10
	Orophary ngeal Air way (OPA)	Set of Sizes 0,1, 2, 3, 4, 5 for Adult and Pediatrics
	Nasalphar yngeal Air	Set of Sizes 3, 4, 5, 6 for Adults and Pediatrics

S/N	Equipment Description	Technical specifications
	Way (NAP)	
	Endotrachea	Set of Sizes 3, 3.5, 4, 5, 6, 6.5, 7 ,7.5, 8
	defilbrillator	Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to deliver shocks from 2 Joules to 200Joules. **Five years comprehensive Maintenance inclusive.**
		Should monitor ECG through paddles, pads and monitoring electrodes and defibrillate through pads and paddles
		Should compensate for body impedance for a range of 25 to 150 ohms.
		Should have charging time of less than 5 seconds for maximum energy.
		Should have High resolution more than 8 inch colour display for viewing monitoring parameters like ECG, SpO2, NIBP and EtCO2 with 4 waveform capability of 4 seconds
		Both Adult and Pediatric paddles should be available Should have event summary facility for recording and printing at least 55 events
		Should have a battery capable of usage for at least 5 hours of monitoring
		Should be capable of printing Reports on event summary, configuration, self test, battery capacity etc Should have facility for self test/check before usage and set up function.
		Should have facility to monitor parameters like SpO2, NIBP and etCO2 along with non invasive pacing (Demand and Fixed mode) facility
		Should be able to upgrade the defibrillator for 12 lead ECG monitoring and ECG transmission System
		Configuration Accessories, spares and consumables:
		Defibrillator with AED and external Pacemaker - 1pc Adult with built in Pediatric External Paddles - 1pc Patient Cables - 1pc ECG Rolls 50 Adult SpO2 reusable Sensor - 1pc Adult NIBP Cuff and Hose - 1pc EtCO2
		Tubing (box of 20) -1box AED Multifunction Pads for Adults - 10 pairs with Each unit.
		The unit shall be capable of operating continuously in ambient temperature of 5 to 45oC and relative humidity of up to 95%
		Shall meet General Requirements of safety for Electromagnetic Compatibility.
		Power Input: 240 VAC, 50Hz
	Endotrachea Tube Introducers (Stylate and Bougie)	A disposable, latex free, sterile and individually wrapped device. Markings: at 20 cm, 30 cm, and 40 cm intervals. It consists of a 50 to 60 cm stylet with the distal tip bent at a 30 degree angle Endotracheal Tube Introducer bougie: - size 15 FR, OD 0.5mm, 700 mm - size 10 FR, OD 3.3mm, 700 mm
		- size 6 FR, OD 2.0 mm, 530 mm
	Magills Forceps	Made from stainless steel and can be disinfected and sterilized Twin-bladed tong-like forceps Handles for gripping by the user Rounded ends for grasping Oblique angle between handles and blades to prevent obstruction of the view of the airway during use. Sizes for Adult and Child use

S/N	Equipment Description	Technical specifications
	Nasal Cannula (prongs)	Nasal cannula (nasal prongs), device designed for easy administration of oxygen into the patient nose through two small prongs placed in the nostrils. It consists of soft twin prongs nasal tips to ensure equal oxygen flow to both. Adjustable, smoothly finished nasal tips for maximum patient comfort Star lumen main tube to avoid accidental blockage. Made from soft and kink resistant polyvinyl chloride (PVC) material For Adult and Child use
	Wall mounted otoscope	Illumination: Pressurized halogen lamp Image Resolution: 1280 x 1024 pixels Connection/Interface: USB 2.0 with 3m cable System Requirements: Windows XP Service Pack Electrical Rating: Lamp 3.5V DC, 810mA USB: 5V DC, 150mA Focal length:114mm and Magnification:2.2X Constructed from ABS and Acrylic Plastic or Stainless Steel Automatic Image Brightness and white balancing for optimal image
		quality Supplied complete with Charger
	wall mounted Opthalmo scope	Range of lenses not smaller than -20D to +29D with steps not greater than1D. Anti-reflection lens Magnification: 12 - 15X Apertures: Small, Large and Semi Circle, Fixation Star Colour Temperature: Cool White in the range 3100 - 5500K Light Intensity: 8,000 - 12,000 lux. Dust free sealed optics and aspherical optical system Red-free, Blue, Green and polarization filters Handle with On/Off switch. Scratchproof lens: Glass or Plastic Batteries: AA or rechargeable. Battery life at least 5 hours of use on full charge or fresh batteries Accessories: Battery Charger (as applicable to rechargeable type only) Sufficient light bulbs for 3 years use. Rechargeable Battery 1.5V.
	Instrumen t trolley	Stainless steel shelves and railings Available in full stainless steel/powder coated frame. Stainless steel bottom and top shelves with railing on top shelf Frame Mounted on 100 mm diameter wheels Overall Size: L 710 mm x W460 mm x H830 mm
	Adjustabl e Mayo table	Made of stainless steel with removable top tray
		Height adjustable by foot 75 mm swivel castors Dimensions: Width 60 cm, Depth 40 cm and Height 120 - 130 cm
	IV Pole	• Five-claw wheel Adjustable IV Pole • Material: Cast iron base 5 Wheels.• Down Tube: φ 25.• Top Tube: φ 16.• Adjustment mode: Rotary Knob / Jackscrew.• Height: 2m, 2 hooks.

S/N	Equipment Description	Technical specifications
	x-ray viewer	• Dimensions(mm): 850x500x39mm • Film: 14 x 17" • View area: 730x442mm • Lamp: CCFL 12pcs • Luminance: 12,000lux or more • Power consumption: 60W • Power: 220VAC 50/60HZ • Life Time: over 80,000hr • Film Clipping: Spring Roller or similar
	Digital Mobile X-ray	This Machine should be able to provide a minimum of 300 images per day. Should have a high frequency generator of 50-150KW, Automatic exposure device, Anatomical programming radiography, overloading protection feature, digital display of KV and mAs. X-Ray tube should be Floor stand mounted. Axis should rotate 360 degree Five years comprehensive Maintenance inclusive. High speed rotating anode and exposure should be 50 – 150KV and 0-600mA. Heat strength capacity of the anode at least 150,000HU. The digital detector (Two fixed Detectors) should be flat panel of latest technology. The digital workstation should have high speed processors, preview time of 5s or less. The workstation should provide basic functions for image processing and be compatible to other HIS Displayed Parameters: The console monitor should display patient ID, Exposure factors, warning sign and other important parameters. **Components: Patient table:** Mounted on heavy duty four castors with brakes to allow Longitudinal and lateral movement and better patient position. Floating table with up and down movement Table Size from 1800x800mm to 2200x800mm **Patient weight:** at least 150Kg **Bucky wall stand:** Height :1900mm Center Height Stroke Range from 400mm to 1600mm Source to image detector should include the range of 90cm to 125cm **Detectors:** Fixed Flat Panel Detectors Active Image Size at least 17inch x 17inch or 43cm x 43cm Pixel Size at least 140 micron Dimension : 460 x 460 x 15mm Dust cover for control unit to be supplied. Protection against insect and rodent ingress to be incorporated.

S/N	Equipment Description	Technical specifications
		Electrical Requirements: Should meet Tanzania Electrical Standards (Voltage of between 220-240V with the standard frequency of 50Hz) with type G adaptor System.Accessories: Multi-tray printer for different X-Ray film sizes (10 x 12, 14 x14, 14 x 17, 10 x 8). Protective gear (lead apron minimum of 2 small, 2 medium and 2 large), Googles (Minimum 1 small, 1 medium and 1 large). Gonad shield (minimum 2 small, 2 medium, 2 large), neck collar shield (minimum of 1small, 1 medium, 1 large), Gloves (Minimum 2 small, 2 medium and 2 large). Radiation hazards warning signs to be supplied with the machine. It should come with the Power Backup System with capacity of power storage for not less than 15 Minutes. Radiation protective gears: X-ray should come with;(i) two (2) pairs of lead aprons with back protection 0.35/0.25mmPb, (ii) two (2) pairs of Thyroid Shield Model Classic 0.35mmPb (iii) two (2) pairs of Patient Apron with belt 0.50mmPb Leadlite W/G-30 L-30PrinterMulti-tray printer for different X-Ray film sizes (10 x 12, 14 x14, 14 x 17, 10 x 8).Training, Installation and UtilizationRequirements for commissioning: Manufacturer/supplier should perform installation, safety and operation checks before handover. Acceptance tests to be specified and local clinical and technical staff to verify proper and full functioning of device.Training of user/s: Application specialist shall provide training of users in operation and basic maintenance.Warranty and Maintenance:Five years comprehensive maintenance should include service, spare parts and labour starting from the day of the acceptance testing of the machine.Lifetime support; spare parts, consumables should be available throughout the lifetime period of the machine.
		Uptake time should be a minimum of 90%. Proof of locally available technical support personnel, including CVs and work permit for foreign personnel. Availability of technical personnel within the country should be stated; this should include CVs, work permits for foreign personnel. Software should be flexible and provide the room for upgrade to add new parameters to be measured by the Machine and report format. Documentation: Operating and service manuals (In English) including lists of important spares and accessories - with their part numbers and list of equipment and procedures required for calibration and routine maintenance should be provided. Documentation must also show recommended procedures for disposal and any probable hazards to the environment and/or community. Life span: Life span of the machine should be not less than 10 Years. Risk Classification: As per ISO 14971:2007- Application of risk management to medical devices. Regulatory Approval / Certification: TAEC, TBS and TFDA

S/N	Equipment Description	Technical specifications
	Neonatal ventlilator	The Ventilator should be microprocessor controlled designed for neonatal use. There should be possibility to upgrade with additional features Continuous flow, pressure limited, time cycled ventilator design Ventilator modes: should have following modes available in the unit IMV/IPPV CPAP including non-invasive ventilation SIMV, SIPPV/Assist-control Volume targeted/guarantee mode of ventilation with ability to deliver and monitor tidal volume as low as1-2ml (Range 2ml to 50 ml) Pressure support mode of ventilation Apnea back-up ventilation Should have integrated high resolution TFT medical grade screen (size 4") for real time display Scalar (Pressure, Flow and Volume against time) and loop (Pressurevolume, volume flow and pressure-flow) pulmonary graphics Digital display of FiO2, Peak pressure, mean airway pressure, CPAP/PEEP, Expiratory tidal volume, expiratory minute volume, total frequency, spontaneous frequency, lung function monitoring Compliance, resistance, lung distention coefficient, (C20/C), Lung time constant, Rate volume ratio etc. Should have built-in logbook for recording events like various alarms. Integrated monitoring: Integrated volume and pressure monitoring i.e. monitoring of PEEP P_{max}, P_{mean} and VT, VT_{spont}, MV and MV_{leak}. The volume monitoring should have NTPD to BTPS correction. Monitoring of ie, Frequency and Spont. Frequency **Settings range**: Trigger Flow/volume, leak adapted PIP 8 to 80cm of water PEEP/CPAP 0 to 25 mbar. **Five years comprehensive Maintenance inclusive.**
		I:E ratio 1:0 to 1:10 Inspired Time 0.1 to 2 sec Expired Time 0.2 to 30 sec Frequency Up to 200 BPM Base Flow (VIVE) 1 to 30 LPM Synchronization Patient synchronization Integrated blender for Oxygen 21 % to 100% Integrated nebulization facility Integrated screen for display of Pressure-Time, Flow-Time and Volume-Time curves Integrated monitoring of FiO_2 Monitoring of flow: At the Y piece with facility to activate it Audiovisual alarms with advisory on-screen message: MV high/low, Apnea, tube obstruction, FiO_2, high/low high PIP, low PEEP/CPAP, fail to cycle, gas supply low, power failure, ventilator inoperative, alarm log book. The ventilator should have automatic compensation for leakage and should monitor and display leakages The ventilator should show trends of important parameters viz. C,R, FiO_2, MAP, etc for evaluation of patient improvement Power Supply: 220 - 240V, 50Hz. **SCOPE OF SUPPLY** Ventilator on trolley with wheels and brake facility Integrated medical air compressor Humidifier with autoclavable chamber and complete with patient circuit Circuit support arm Nebulization accessories (2 sets)
		Bacterial filters 50 sets Flow sensors 20 sets Oxygen cell and Oxygen connecting hose Air connecting hose Battery back-up (at least 30 minutes)
	Glucometer	·Hand held type Glucometer ·Battery operated ·Memory up to 10 measurements ·Sticks method measurements ·Code of sticks interring is available ·Indication of high and low measurements One box of sticks and punctures is included Operating instructions is included

S/N	Equipment Description	Technical specifications
	Hemoglobinometer	· Parameter: Hemoglobin, HCT(Hematocrit)· Principle: Optical reflectance · Sample: Capillary or venous whole blood (13~15ul) · Strip: H12 Hemoglobin Test Strip · Speed: ≤ 10 seconds · Measuring Range: 4.0g/dL~25.6g/dL(g/L optional) · Memory: 1200 test results · Automatization: Self-checking, auto-judging and displaying malfunction · Power: DC 6V(Two CR2032 Batteries) · Precision: CV<5%,testing samples including high, medium & low concentration, the CV of 10
	Patient Beds with matress,	• Heavy duty bed Size (L×W×H): 2150×950×500mm• High quality section steel welding• The surface electrostatic sprayed• Corrosion resistant• Easy to clean• Side guard made of well plastic• I.V pole• Four casters, two caster with brakes
	Bedside lockers	• dimension 520*480*740 • made of high density wood • one drawer and one door with handles, top with rail • two tower hanger, four wheels with cross breaks
	Cardiac table	• Size:900*450*900-1200mm Wooden dinning board(800*400mm) • Steel frame, ABS gas spring bottom • Height is adjustable, controlled by gas-spring Four silent castors,φ55mm

SPECIAL CONDITIONS OF CONTRACT

Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement the GCC. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The corresponding clause number of the GCC is indicated in parentheses.

SCC Clause Number	GCC Clause Number	Amendments of, and Supplements to, Clauses in the GCC
	Definitions (GCC 1)	
1.	1.1	The Purchaser is: **Ocean Road Cancer Institute** Luthuli/Samora avenue, P.o Box 3592 Tel. +255 22 2127597 Fax 255-22-2118704 Dar Es Salaam
2.	1.1(j)	The Supplier is: **ANUDHA LIMITED** of P. o. Box **5982. Plot 2169/82& 8170/82, Morogoro Road, Opp. DART Kisutu Bus stand, DAR ES SALAAM TANZANIA**
3.	1.1(q)	**The Project is: SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL, LIGULA AND MOROGORO RHH**
	Governing Language (GCC 4)	
4.	4.1	The Governing Language shall be: **ENGLISH**
	Applicable Law (GCC 5)	
5.	5.1	The Applicable Law shall be: **Laws of Tanzania.**
	Country of Origin (GCC 6)	
6.	6.1	Country of Origin is all countries and territories as indicated in the section of the Tendering Documents, Eligibility for the Provision of Goods, Works and Services.

	Performance Security (GCC 10)	
7.	10.1	The amount of performance security, as a percentage of the Contract Price, shall be: \ {_**10 percent** of the Contract Price
8.	10.4	After delivery and acceptance of the Goods, the performance security shall be reduced to two (2) percent of the Contract Price to cover the Supplier's warranty obligations in accordance with GCC 18.2.
	Inspections and Tests (GCC 11)	
9.	11.1	Inspection and tests prior to shipment of Goods and at final acceptance are as follows: Quality and quantity inspection shall be carried out prior to shipment of Goods by the manufacturer(s) at the supplier's own expense and responsibility in terms of the items specified in the specifications. The supplier shall submit the inspection certificate issued by himself which should be attached with the certificate(s) of the manufacturer(s) to the PE in order to ensure that the goods are manufactured in compliance with the contract.
	Packing (GCC 12)	
10.	12.2	The following SCC shall supplement GCC 12.2: The Goods shall be packed properly in accordance with standard export packing specified by the PE in the Technical Specification.
	Delivery and Documents (GCC 13)	
11.	13.1	**For Goods supplied from abroad:** Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by cable the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Purchaser, with a copy to the Insurance Company: (i.)One original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;

		(ii.)original and four copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and four copies of nonnegotiable bill of lading; (iii.)One original plus four copies of the packing list identifying contents of each package; (iv.)insurance certificate; (v.)Manufacturer's or Supplier's warranty certificate; (vi.)inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and (vii.)certificate of country of origin issued by the chamber of commerce and industry or equivalent authority in the country of origin in duplicate.. The above documents shall be received by the PE at least one week before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses. *[Other similar documents should be listed, depending upon the Incoterm retained.]*
12.	13.3	**For Goods from within the United Republic of Tanzania:** Upon delivery of the Goods to the transporter, the Supplier shall notify the PE and mail the following documents to the PE: (i.) one original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii.) delivery note, railway receipt, or truck receipt; (iii.) Manufacturer's or Supplier's warranty certificate; (iv.) inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and (v.) certificate of country of origin issued by the Tanzania Chamber of Commerce, Industry and Agriculture or equivalent authority in the country of origin in duplicate.

		The above documents shall be received by the PE before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
	Insurance (GCC 14)	
13.	14.1	The Insurance shall be in an amount equal to 110 percent of the DDP value of the Goods from "warehouse" to "warehouse" on "All Risks" basis, including War Risks and Strikes.
	Incidental Services (GCC 16)	
14.	16.1	Incidental services to be provided are: *[Selected services covered under GCC 16 and/or other should be specified with the desired features. The price quoted in the tender price or agreed with the selected Supplier shall be included in the Contract Price.]*
	Spare Parts (GCC 17)	
15.	17.1	Additional spare parts requirements are: Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods. Other spare parts and components shall be supplied as promptly as possible, but in any case within six (6) months of placing the order and opening the letter of credit.
	Warranty (GCC 18)	
16.	18.2	GCC 17.2–In partial modification of the provisions, the warranty period shall be _____ hours of operation or _____ months from date of acceptance of the Goods or (_____) months from the date of shipment, whichever occurs earlier. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either: (a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4, **or**

		(b) pay liquidated damages to the PE with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 0.20 per cent per day of undelivered materials/goods value up to the sum equivalent to the amount of ten percent of the contract value. **Five (5) years comprehensive Maintenance**
17.	18.4 & 18.5	The period for correction of defects in the warranty period is: **Five (5) years comprehensive Maintenance**
	Payment (GCC 19)	
18.	19.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: **Payment for Goods supplied from abroad:** Payment of foreign currency portion shall be made in (_____) *[currency of the Contract Price]* in the following manner: (i) **Advance Payment: 65 percent** of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee or insurance bond for equivalent amount valid until the Goods are delivered and in the form provided in the Tendering Documents or another form acceptable to the PE. (ii) **On Shipment: 30 percent** of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in GCC 10. (iii) **On Acceptance: 5 percent** of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the PE.

		Payment of local currency portion shall be made in :**TZS** within thirty (30) days of presentation of claim supported by a certificate from the PE declaring that the Goods have been delivered and that all other contracted Services have been performed.
		Payment for Goods and Services supplied from within the United Republic of Tanzania: Payment for Goods and Services supplied from within the United Republic of Tanzania shall be made in Tanzanian Shillings, as follows: (i) **Advance Payment: 65 percent** of the Contract Price shall be paid within thirty (30) days of signing of the Contract against a simple receipt and a bank guarantee or insurance bond for the equivalent amount and in the form provided in the Tendering Documents or another form acceptable to the PE. (ii) **On Delivery: 30 percent** of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in GCC 11. (iii) **On Acceptance:** The remaining **5 percent** of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the PE.
19.	19.3	Rate to be used for paying the Supplier's interest on the late payment made by PE shall be [*insert: rate*].- **N/A**
	Prices (GCC 20)	
20.	20.1	Prices shall be adjusted in accordance with provisions in the Attachment to SCC. The price shall be fixed
	Liquidated Damages (GCC 26)	
21.	25.1	Applicable rate: *0.1%*

		Maximum deduction: is equal to the performance security. ***Note:*** *0.1 to 0.2 per cent per day of undelivered materials/good's value.*
	Procedure for Dispute Resolution (GCC 32)	
23.	32.3	Arbitration institution shall be **TANZANIA INSTITUTE OF ARBITRATION** Place for carrying out Arbitration **TANZANIA INSTITUTE OF ARBITRATION**
24.	33.1	Appointing Authority for the Adjudicator **TANZANIA INSTITUTE OF ARBITRATION**
	Notices (GCC 35)	
26.	35.1	–PE's address for notice purposes: Executive Director, Ocean Road Cancer Institute Luthuli/Samora avenue, P.o Box 3592 Tel. +255 22 2127597 Fax 255-22-2118704 Dar Es Salaam - through ONLINE- TANePS (Tanzanian National e-Procurement System) –Supplier's address for notice purposes:- **ANUDHA LIMITED** of P. o. Box **5982. Plot 2169/82& 8170/82, Morogoro Road, Opp. DART Kisutu Bus stand, DAR ES SALAAM TANZANIA**

GENERAL CONDITIONS OF THE CONTRACT (GCC)

TABLE OF CONTENTS

1.	**Definitions**	1.1	The following words and expressions shall have the meanings hereby assigned to them:	
			a)	The **Adjudicator** is the person appointed by the appointing authority specified in the Special Conditions of Contract (SCC), to resolve contractual disputes in the first instance, and as provided for in General Conditions of the Contact (GCC) 31 hereunder.
			b)	The **Arbitrator** is the person appointed by the appointing authority specified in the **SCC**, to resolve contractual disputes.
			c)	"**The Contract**" means the agreement entered into between the Procuring Entity (PE) and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
			d)	The **Commencement Date** is the date when the Supplier shall commence execution of the contract as specified in the **SCC**
			e)	"**Completion**" means the fulfillment of the related services by the Supplier in accordance with the terms and conditions set forth in the contract
			f)	The Contract Price is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract Days are calendar days
			g	A Defective Goods are those goods which are below standards, requirements or specifications stated by the Contract.
			h)	"Delivery" means the transfer of the goods from the supplier equipment, machinery, and /or other materials which the Supplier is required to supply to the PE under Contract.
			i)	"Effective Contract date" is the date shown in the Certificate of Contract Commencement issued by the Employer upon fulfillment of the conditions precedent stipulated in GCC 3.
			j)	"The Purchaser" means the person named as purchaser in the SCC and the legal successors in title to this person

			k)	"The Related Services" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, initial maintenance and other such obligations of the Supplier covered under the Contract.
			l) m)	"GCC" means the General Conditions of Contract contained in this section. The **Intended Delivery Date** is the date on which it is intended that the Supplier shall effect delivery as specified in the **SCC**
			n)	"SCC" means the Special Conditions of Contract.
			o)	"The PE" means the entity purchasing the Goods and related service, as named in **SCC.**
			p)	"The **Supplier**" means the individual private or government entity or a combination of the above whose Tender to perform the contract has been accepted by the PE and is named as such in the Contract Agreement and includes the legal successors or permitted assigns of the supplier and shall be named in the SCC.
			q)	"The Project Name" means the name of the project stated in SCC.
			r)	"Day" means calendar day.
			s)	'Eligible Country" means the countries and territories eligible for participation in procurements financed by the specified institution.
			t)	"End User" means the organization(s) where the goods will be used, as **named in the SCC**.
			u)	"Origin" means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics or in purpose or utility from its components.
			v)	"Force Majeure" means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party's performance of its obligations under the

				Contract impossible or so impractical as to be considered impossible under the circumstances. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances. and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies. w) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager. x) The **Supplier** is the person, whether natural or legal whose Tender to deliver goods or services has been accepted by the Employer y) The **Supplier's Tender** is the completed Tender document submitted by the Supplier to the Employer
2.	**Application and interpretation**	2.1		These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
		2.2		In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.

		2.3	The documents forming the Contract shall be interpreted in the following order of priority: (1) Form of Contract, (2) Special Conditions of Contract, (3) General Conditions of Contract, (4) Letter of Acceptance, (5) Certificate of Contract Commencement (6) Specifications (7) Contractor's Tender, and (8) Any other document listed in the Special Conditions of Contract as forming part of the Contract.

3.	**Conditions Precedent**	3.1 3.2 3.2	Having signed the Contract, it shall come into effect on the date on which the following conditions have been satisfied:- a) Submission of performance Security in the form specified in the SCC; b) Furnishing of Advance Payment Unconditional Guarantee. If the Condition precedent stipulated on GCC 3.1 is not met by the date specified in the SCC this contract shall not come into effect; If the Employer is satisfied that each of the conditions precedent in this contract has been satisfied (except to the extent waved by him, but subject to such conditions as he shall impose in respect of such waiver)he shall promptly issue to the supplier a certificate of Contract commencement, which shall confirm the start date.
4.	**Governing Language**	4.1	The Contract as all correspondence and documents relating to the contract exchanged by the Supplier and the PE shall be written in the language specified in **SCC**. Subject to GCC 3.1, the version of the Contract written in the specified language shall govern its interpretation.
5.	**Applicable Law**	5.1	The contract shall be governed and interpreted in accordance with the laws of the United Republic of Tanzania, unless otherwise specified in **SCC.**
6.	**Country of Origin**	6.1	The origin of Goods and Services may be distinct from the nationality of the Supplier.

7.	**Standards**	7.1	The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.
8.	**Use of Contract Documents and Information; Inspection and Audit by the Government of Tanzania**	8.1	The Supplier shall not, without the PE's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the PE in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
		8.2	The Supplier shall not, without the PE's prior written consent, make use of any document or information enumerated in GCC 7.1 except for purposes of performing the Contract.
		8.3	Any document, other than the Contract itself, enumerated in GCC 7.1 shall remain the property of the PE and shall be returned (all copies) to the PE on completion of the Supplier's performance under the Contract if so required by the PE.
		8.4	The Supplier shall permit the Government of the United Republic of Tanzania or / and donor agencies involved in financing the project to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government of the United Republic of Tanzania or / and the appropriate donor agencies, if so required by the Government of the United Republic of Tanzania or / and the appropriate donor agencies.
9.	**Patent and Copy Rights**	9.1	The Supplier shall indemnify the PE against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the United Republic of Tanzania.
		9.2	The patent right in all drawings, documents, and other materials containing data and information furnished to the PE by the Supplier herein shall remain vested in the supplier, or, if they are furnished to the PE directly, or through the Supplier by any third party, including suppliers of materials, the patent right in such materials shall remain vested in such third party.

10.	**Performance Security**	10.1	The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable as specified in the **SCC**.	
		10.2	The proceeds of the performance security shall be payable to the PE as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.	
		10.3	The performance security shall be in one of the following forms:	
			a)	A bank guarantee, an irrevocable letter of credit issued by a reputable bank, or an insurance bond issued by a reputable insurance firm located in the United Republic of Tanzania or abroad, acceptable to the PE, in the form provided in the Tendering Documents or another form acceptable to the PE; or
			b)	A cashier's or certified check.
		10.4	The performance security will be discharged by the PE and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise specified in **SCC**.	
		10.5	Where circumstances necessitate the amendment of the contract after signature, and such amendment is effected, the PE shall require the Supplier to provide additional Performance Security to cover any cumulative increase of more than ten percent of the initial Contract Price.	

11.	**Inspections and Test**	11.1	The PE or its representative shall have the right to inspect and /or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the PE. **SCC** and the Technical Specifications shall specify what inspections and tests the PE shall notify the Supplier in writing or in electronic forms that provide record of the content of communication, in a timely manner, of the identity of any representatives retained for these purposes.
		11.2	The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the PE.
		11.3	Should any inspected or tested Goods fail to conform to the Specifications, the PE may reject the Goods, and the Supplier shall replace the rejected Goods to meet specification requirements free of cost to the PE.
		11.4	The PE's right to inspect, test and, where necessary, reject Goods after the Goods' arrival in the PE's country shall in no way be limited or eared by reason of the Goods having previously been inspected, tested, and passed by the PE or its representative prior to the Goods' shipment from the country of origin.
		11.5	Nothing in GCC 10 shall in any way release the supplier from any warranty or other obligations under this Contract.
12.	**Packing**	12.1	The supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods final destination and the absence of heavy handling facilities at all points in transit.
		12.2	The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in **SCC**, and in any subsequent instructions ordered by the PE.

13.	**Delivery and Documents**	13.1	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and or other documents to be furnished by the Supplier as **specified in SCC**.
		13.2	For purposes of the Contract, "EXW" "FOB" "FCA", "CIF", "CIP," and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris.
		13.3	Documents to be submitted by the Supplier are specified in **SCC.**
14.	**Insurance**	14.1	The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner specified in the **SCC.**
15.	**Transportation**	15.1	Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the PE or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
		15.2	Where the Supplier is required under Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the United Republic of Tanzania, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
		15.3	Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within the United Republic of Tanzania, defined as the Project Site, transport to such place of destination in the United Republic of Tanzania, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
16.	**Incidental Services**	16.1	The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in **SCC**:
			a) Performance or supervision of on-site assembly and/or start-up of the supplied Goods;

			b)	Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
			c)	Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
			d)	Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
			e)	Training of the PE's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
		16.2	Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.	
17.	**Spare Parts**	17.1	As specified in **SCC**, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:	
			a)	Such spare parts as the PE may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
			b)	In the event of termination of production of the spare parts: i) advance notification to the PE of the pending termination, in sufficient time to permit the PE to procure needed requirements; and ii) following such termination, furnishing at no cost to the PE, the blueprints, drawings, and specifications of the spare parts, if requested.

18.	**Warranty**	18.1	The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the PE, specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the United Republic of Tanzania.
		18.2	This warranty shall remain valid for a period specified in the **SCC** after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for a period specified in the **SCC** after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in **SCC**.
		18.3	The PE shall promptly notify the Supplier in writing or in electronic forms that provide record of the content of communication of any claims arising under this warranty.
		18.4	Upon receipt of such notice, the Supplier shall, within the period specified in **SCC** and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the PE other than, where applicable, the cost of inland delivery of the repaired or replaced Goods or parts from EXW or the port or place of entry to entry to the final destination.
		18.5	If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in **SCC**, the PE may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the PE may have against the Supplier under the Contract.
19.	**Payment**	19.1	The method and conditions of payment to be made to the Supplier under this Contract shall be specified in **SCC**.
		19.2	The Supplier's request(s) for payment shall be made to the PE in writing or in electronic forms that provide record of the content of communication, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC 13, and upon fulfillment of other obligations stipulated in the Contract.

		19.3	Payments shall be made promptly by the PE, within sixty (60) days after submission of an invoice or claim by the Supplier. If the PE makes a late payment, the Supplier shall be paid interest on the late payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate as specified in the **SCC.**	
		19.4	The currency or currencies in which payment is made to the Supplier under this Contract shall be specified in **SCC** subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's Tender.	
		19.5	All payments shall be made in the currency or currencies specified in the **SCC** pursuant to GCC 19.4	
20.	**Prices**	20.1	The contract price shall be as specified in the Contract Agreement Subject to any additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.	
		20.2	Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Tender, with the exception of any price adjustments authorized in **SCC** or in the PE's request for Tender validity extension, as the case may be.	
21.	**Change Orders**	21.1	The PE may at any time, by a written order given to the Supplier pursuant to GCC 22, make changes within the general scope of the Contract in any one or more of the following:	
			a)	Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the PE;
			b)	The method of shipment or packing;
			c)	The place of delivery; and/or
			d)	The Services to be provided by the Supplier.
		21.2	If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the PE's change order.	

		21.3	Prices to be charged by the supplier for any related services that might be needed but which were not included in the Contract shall be agreed upon in advance by the Parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
22.	**Contract Amendments**	22.1	Subject to GCC 20, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
23.	**Assignment**	23.1	Neither the PE nor the Supplier shall assign, in whole or in part, obligations under this Contract, except with the prior written consent of the other party.
24.	**Subcontracts**	24.1	The Supplier shall consult the Procuring Entity in the event of subcontracting under this contract if not already specified in the Tender. Subcontracting shall not alter the Supplier's obligations.
		24.2	Subcontracts must comply with the provision of GCC 5.
25.	**Delays in the Supplier's Performance**	25.1	Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in the Schedule of Requirements.
		25.2	If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring Entity in writing or in electronic forms that provide record of the content of communication of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Entity shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
		25.3	Except as provided under GCC 28, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC 26, unless an extension of time is agreed upon pursuant to GCC 25.2 without the application of liquidated damages.

26.	**Liquidated Damages**	26.1	Subject to GCC Clause 28, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Entity shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in **SCC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the performance security specified in **SCC**. Once the said maximum is reached, the Procuring Entity may consider termination of the Contract pursuant to GCC Clause 26.	
27.	**Termination for Default**	27.1	The Procuring Entity or the Supplier, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the concerned party may terminate the Contract if the other party causes a fundamental breach of the Contract.	
		27.2	Fundamental breaches of Contract shall include, but shall not be limited to the following:	
			a)	the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Entity pursuant to GCC Clause 24; or
			b)	the Supplier fails to perform any other obligation(s) under the Contract;
			c)	Supplier's failure to submit performance security within the time stipulated in the SCC;
			d)	the supplier has abandoned or repudiated the contract.
			e)	The Procuring Entity or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
			f)	a payment is not paid by the Procuring Entity to the Supplier after 84 days from the due date for payment;
			g)	the Procuring Entity gives Notice that goods delivered with a defect is a fundamental breach of Contract and the Supplier fails to correct it within a reasonable period of time determined by the Procuring Entity; and
			h)	if the Procuring Entity determines, based on the reasonable evidence, that the Supplier has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract.

				For the purpose of this clause:
				"corrupt practice means the offering, giving receiving or soliciting of anything of value to influence the action of a public officer in the procurement process or contract execution; "coercive practice" means impairing or harming, or threatening to impair or harm directly or indirectly, any party or the property of the party for the purpose of influencing improperly the action or that party in connection with public procurement or in furtherance of corrupt practice or fraudulent practice; "collusive practices" means impairing or harming, or threatening to impair or harm directly or indirectly, any part or the property of the Party for the purpose of influencing improperly the action or a part or in connection with public procurement or government contracting or in furtherance of a corrupt practice or a Fraudulent Practice "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity and includes collusive practices among Suppliers, prior to or after submission designed to establish tender prices at artificial non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition; "obstructive practice" means acts intended to materially impede access to required information in exercising a duty under this Contract;
			27.4	In the event the Procuring Entity terminates the Contract in whole or in part, pursuant to GCC Clause 26.1, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

28.	**Force Majeure**	28.1	Notwithstanding the provisions of GCC Clauses 25, 26, and 27, neither Party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure. For purpose of this clause, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent
		28.2	If a Party (hereinafter referred to as "the Affected Party") is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure in writing or in electronic forms that provide record of the content of communication of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing or in electronic forms that provide record of the content of communication, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

29.	**Termination for Insolvency**	29.1	The Procuring Entity may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity.	
30.	**Termination for Convenience**	30.1	The Procuring Entity, by written notice sent to the Supplier, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the Contract is terminated, and the date upon which such termination becomes effective.	
		30.2	The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring Entity at the Contract terms and price. For the remaining Goods, the Procuring Entity may elect:	
			a)	To have any portion completed and delivered at the Contract terms and prices; and / or
			b)	To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.
31.	**Disputes Resolution**	31.1	In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute amicably. The parties hereto shall, within twenty-eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by party to an adjudicator nominated by the appointing Authority specified in SCC.	
		31.2	After the dispute has been referred to the adjudicator, within 30 days, or within such other period as may be proposed by the Parties, the Adjudicator shall give its decision. The rendered decision shall be binding to the Parties.	
		31.3	If either Party is dissatisfied with the Adjudicator's decision may, within days specified in the SCC refer the dispute for arbitration. If either party within the period mentioned in the SCC has not referred the matter for arbitration the decision shall become final and binding to the Parties.	

32.	**Procedure for Disputes**	32.1	The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution named and in the place shown in the SCC.
		32.2	The rate of the Adjudicator's fee and administrative costs of adjudication shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting adjudication to its finality each party shall bear its incurred costs and expenses..
		32.3	The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and in the place shown in the SCC.
33.	**Replacement of Adjudicator**	33.1	Should the Adjudicator resign or die, or should the Employer and the Supplier agree that the Adjudicator is not functioning in accordance with the provisions of the contract, a new Adjudicator will be appointed by the Appointing Authority.
34.	**Limitation of Liability**	34.1	Except in cases of criminal negligence or willful conduct, and in the case of infringement pursuant to GCC 8,
			a) The supplier shall not be liable to the Procuring Entity, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Procuring Entity; and
			b) The aggregate liability of the Supplier to the Procuring Entity, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment or to any obligation of the Supplier to indemnify the Procuring Entity with respect to patent infringement..
35.	**Notices**	35.1	Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or in electronic forms that provide record of the content of communication and confirmed in writing or in electronic forms that provide record of the content of communication to the other party's address specified in SCC.
		35.2	A notice shall be effective when delivered or on the notice's effective date, whichever is later.

36.	**Taxes and Duties**	36.1	A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the United Republic of Tanzania.
		36.2	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the United Republic of Tanzania the Procuring Entity shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
		36.3	A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring Entity.

NEGOTIATION MEETING

SUPPLY OF ICU EQUIPMENT

Venue: Executive Director Board Room

Date: 3/12/2021

Quotation no: PA-010/2021-22/G/33

Attendance:

1.	Gabriel Sungi	Chairman	ORCI
2.	Chausiku Chapuchapu	Member	ORCI
3.	Jovitha Jovin	Secretary	ORCI
4.	Nafasa R. Marombwa	Member	Morogoro
5.	Dr. Lobikieki Kissambu	Member	Mtwara Zonal
6.	David Obed	Member	Anudha
7.	Nisha Patel	Member	Anudha

Agenda

1. Opening of the meeting

2. Adoption of the agenda

3. Discussion on areas for technical and financial negotiation

4. Closing of the meeting

1. Opening of the meeting

The meeting was opened by the chairman of negotiation team at 11:03AM, by welcoming all the members including the representatives from Anudha Limited to introduce themselves, which they all complied. The chairman went on explaining the purpose of the meeting and proceeded with agenda number 2.

2. Adoption of the Agenda

All Agenda were read out and confirmed.

3. Discussion on areas for technical and financial negotiation

The quoted price for supply of ICU equipment for ORCI, MTWARA ZONAL, LIGULA RRH and MOROGORO RRH were read out at the meeting to be **TZS 6,876,916,400** while the budget was **TZS 3,767,200,000.**

The need for negotiation between these health facilities and Anudha was because some of the equipment were omitted according to the need/requirement from each facility, which needed to be resolved at the meeting and also to ask for the cost reduction.

The Anudha Limited agreed to drop the amount quoted for the accessories for each required machine. With regard to this discount the amount was still high as these consumable accessories has got very low price compared to the required machines and available funds. Hence, Anudha agreed to reduce the price for each specific item. General agreement was reached that, with the total budget of **TZS 3,767,200,000,** Anudha limited will supply the required items at the total cost of TZS **3,767,198,500.**

4. Closing of the Meeting

The meeting was concluded at 4:00 PM.

Prepared by

.....

Jovitha Jovin
Secretary / ORCI

Approved by:

.....

Gabriel Sungi
Chairman
Ocean Road Cancer Institute

ANUDHA LIMITED
P.O.Box 5982
DAR-ES-SALAAM
TEL: 2122745, 2122747
FAX: 2126490

.....

Nisha Patel
~~CEO~~
Anudha Limited

NEGOTIATION MEETING
ICU & FMD EQUIPMENT

5/12/2021

Attendance:

	NAME	TITLE	SIGN.
1.	Gabriel Sagi	Chairman	
2.	Chausiku Chapuchapu	Member	
3	Jovitha Jovin	Secretary	
4	NAFSA RIMAROMBO	Member	
5	DR LOBIKAEKA KISSAMBU	MEMBER	
6.	Eng. David Obed	Anudha representative	
7.	Nisha Patel	Anudha representative	

THE UNITED REPUBLIC OF TANZANIA

Ocean Road Cancer Institute

Telephone: +255 22 220002
Fax:
E-mail: info@orci.or.tz

Barrack Obama Road, Lithuli
Road
Dar es Salaam
Ilala
3592, Dar es Salaam
Tanzania, United Republic Of

Date 08/12/2021

In reply please quote

PA-010/2021-22/G/33

Name of awarded PE
OCEAN ROAD CANCER INSTITUTE

RE: Supply of ICU equipments and consumables for ORCI, Mtwara zonal, Ligula and Morogoro RHH
SUB: NOTIFICATION OF CONTRACT AWARD

1. Reference is being made to the bid documents submitted by 26/11/2021 , for the above captioned matter.

2. Kindly be informed that the Ocean Road Cancer Institute Tender Board during its ordinary Meeting held on 01/12/2021 , approved award of the contract to ANUDHA LTD. For Supply of ICU equipments and consumables for ORCI, Mtwara zonal, Ligula and Morogoro RHH at the contract price of TZS 3767153500.00 VAT inclusive.
We hope you will provide us with best services

EXECUTIVE DIRECTOR

anudha limited

Tender Securing Declaration

Date: 24/11/2021

PA-010/2021-2022/G/33

SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL, LIGULA AND MOROGORO RHH - Tanzania

Executive Director,
Ocean Road Cancer Institute
Luthuli/Samora/Baraka Obama Road,
P.o Box 3592
Dar – es- salaam

We, the undersigned, declare that:
We understand that, according to your conditions, tenders must be supported by a Tender Securing Declaration.
We accept that we will automatically be suspended from being eligible for tendering in any contract with the Procuring Entity for the period of time to be determined by the Authority, if we are in breach of our obligation(s) under the tender conditions, because we:
(a) have withdrawn or modified our Tender during the period of tender validity specified in the Form of Tender;

(b) Disagreement to arithmetical correction made to the tender price; or

(c) having been notified of the acceptance of our Tender by the Procuring Entity during the period of tender validity, (i) failure to sign the contract if required by Procuring Entity to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the tendering documents.

We understand this Tender Securing Declaration shall expire if we are not the successful Tenderer, upon the earlier of (i) our receipt of your notification to us of the name of the successful Tenderer; or (ii) twenty-eight days after the expiration of our Tender.

Signed: _____
In the capacity of Director
Name: Anurag Hassija
Duly authorized to sign the tender for and on behalf of: *Anudha Limited*
Dated on 24 day of November , 2021

ANUDHA LIMITED
P.O.Box 5982
DAR-ES-SALAAM
TEL: 2121188, 2125746
FAX: 2126490

STANDARD POWER OF ATTORNEY

BY

ANUDHA LIMITED

("Donor")

AND

ANURAG HASSIJA

("Donee")

IN RESPECT OF TENDER NO. PA-010/2021-2022/G/33 FOR SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL, LIGULA AND MOROGORO RHH.

DRAWN BY:
Pride Attorneys
Mshihiri Street
Morogoro Road
P.O. Box 315
DAR ES SALAAM
Email: info@prideattorneys.co.tz
Website: www.prideattorneys.co.tz

STANDARD POWER OF ATTORNEY

TO ALL IT MAY CONCERN

THAT BY THIS POWER OF ATTORNEY given on the 24th day of November, 2021.

We the undersigned **ANUDHA LIMITED** of P.O. Box 5982 Morogoro Road, Dar es salaam by virtue of authority conferred to us by the Board Resolution No. 89 of 24th day of November, 2021, **DO HEREBY** ordain and nominate **ANURAG HASSIJA** of P.O. Box 2019 Dar es salaam, to be our true and lawful ATTORNEY and Agent, with full power and authority, for us and in our names, and for our accounts and benefits to do any, or all the following acts in in the execution of Tender No. **PA/140/2021-2022/G/33** that is to say;

To act for the company and do any other thing or things incidental for **SUPPLY OF ICU EQUIPMENTS AND CONSUMABLES FOR ORCI, MTWARA ZONAL, LIGULA AND MOROGORO RHH.**

AND provided always that this Power of Attorney shall not revoke or in any manner affect any future Power of Attorney given to any other person or persons for such other Power of Attorney or powers shall remain and be of the same force and effect as if this deed has not been executed.

AND We hereby undertake to ratify everything, which our attorney or any substitute or substitutes or agent or agents appointed by him under this power on his behalf hereinbefore contained shall do or purport to do in virtue of this Power of Attorney.

SEALED with the common seal of the said **ANUDHA LIMITED** and delivered in the presence of us this 24th day of November, 2021.

IN WITNESS WHEREOF we have signed this deed on the 24th day of November, 2021 at Dar es Salaam for and on behalf of **ANUDHA LIMITED**

SEALED with the Common Seal of
ANUDHA LIMITED
and **DELIVERED** at Dar es salaam in the presence of us
this 24th day of November 2021

SEAL
ANUDHA LIMITED
P.O.Box 5982
DAR-ES-SALAAM
TEL: 2121108, 2125746
FAX: 2126490

BEFORE ME

COMMISIONER FOR OATHS

VICTOR MHORO
ADVOCATE
NOTARY PUBLIC
&
COMMISSIONER
FOR OATHS
P.O. Box 315, DAR-ES-SALAAM

ACKNOWLEDGMENT

I, ANURAG HASSIJA, doth hereby acknowledge and accept to be Attorney of the said **ANUDHA LIMITED** under the terms and conditions contained in the POWER OF ATTORNEY and I promise to perform and discharge my duties as the lawfully appointed Attorney. I hereby accept the Special Power of Attorney conferred to me and I will act in good faith in honoring the powers so conferred to me.

SIGNED and **DELIVERED** at Dar es Salaam by the said **ANURAG HASSIJA** who is introduced/Identified to me by _____ the latter being known to me personally in my presence this 24th day of November 2021

DONEE

BEFORE ME:

Name: Victor Mhoro

Signature:

Postal Address: 315 Dsm

Qualification: **COMMISSIONER FOR OATHS**

VICTOR MHORO
ADVOCATE
NOTARY PUBLIC
&
COMMISSIONER
FOR OATHS
P.O. Box 315, DAR-ES-SALAAM