

OmniTom[®] Elite

Bringing the Power of Imaging to your Patient



To,
Hon'ble Minister of Health,
Medical & Family Welfare, Govt of Telangana,
Hyderabad

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SCHILLER
I N D I A

Date: 03-05-2024

To,
Dear Sir

Greetings!!!

We are pleased to enclose our offer for product/s discussed for your esteemed Organisation.

We thank you for your time for presenting our product - OMNITOM MOBILE CT.
Budgetary Proposal along with the terms and conditions are mentioned below. Technical literature and brochure is also enclosed for your reference.

Schiller AG Switzerland has been an innovative and leading manufacturer of Cardiac and Spirometry systems for more than 30 years. It has a presence in more than 80 countries. The excellent quality and durability of Schiller's products, coupled with optimal price performance features, have enabled it to earn the confidence of thousands of doctors.

Schiller has been in India for the last 25 years and it is our endeavor to provide you the best quality products, and services at affordable prices.
Schiller India is committed to offer enhanced levels of customer satisfaction through prompt service. With offices across India and a network of dealers we stay in touch with our customers.

We feel confident that you will consider our offer and will call after you have had a chance to review our proposal.

We look forward to a successful association with you.

Sincerely,

Schiller Healthcare India Pvt. Ltd.



Bhavin Govindia
Asst. Vice President – Institutional Sales

Technical Specifications for Mobile Stroke Unit :	
Sr. No.	Specification
<u>1. Mobile CT Scanner for Mobile Stroke Unit :</u>	
A COMPACT, PORTABLE, BATTERY & LINE POWERED MULTI-SLICE CT SCANNER IS REQUIRED FOR BRAIN SCANNING FOR STROKE MANAGEMENT APPLICATIONS ALONG WITH TRAUMA APPLICATIONS - CRANIAL & CERVICAL.	
A	<u>X-RAY GENERATOR AND TUBE</u>
	1. SHOULD HAVE MULTI-SLICE CAPABILITY WITH MINIMUM OF 8 SLICES PER ROTATION.
	2. THE TUBE VOLTAGE SHOULD VARY FROM 100-140 KV
	3. TUBE COOLING SHOULD OCCUR IN LESS THAN 15 MINUTES
	4. X-RAY TUBE SHOULD BE FIXED ANODE OR BETTER.
	5. SHOULD HAVE SOLID-STATE DETECTORS.
B	<u>GEOMETRY</u>
	1. SHOULD HAVE A MINIMUM PATIENT OPENING OF 30 CM.
	2. IMAGE FIELD OF VIEW SHOULD BE AT LEAST 250 MM.
C	<u>IMAGE PROCESSING:</u>
	1. SHOULD HAVE CAPABILITY TO PERFORM NON CONTRAST CT - AXIAL, HELICAL AND 3D CT RECONSTRUCTION.
	2. SHOULD ALLOW VOLUMERIC DATA ACQUISITION.
D	<u>IMAGE QUALITY:</u>
	1. THE RECONSTRUCTION MATRIX SHOULD BE AT LEAST 512X512
E	<u>CONNECTIVITY:</u>
	SHOULD HAVE DICOM FUNCTIONS - DICOM 3.1 COMPLIANT. WIRELESS & WIRED CONNECTION TO WORKSTATION.
F	<u>ELECTRICAL SUPPLY:</u>
	1. SHOULD BE ABLE TO RUN ON SINGLE PHASE 220V AC
	2. SHOULD HAVE AN INTERNAL AUTOMATIC VOLTAGE REGULATOR TO PROTECT AGAINST VOLTAGE FLUCTUATIONS AND POWER SURGES.
	3. SHOULD BE SUPPLIED WITH INDIAN PLUG.
G	<u>AMBULANCE INSTALLTION:</u>
	1. SHOULD BE SUPPLIED WITH BASE PLATE TO INSTALL IN AMBULANCE WITH LOCKING HOOKS TO HOLD DURING AMBULANCE TRANSPORTATION.
	2. SHOULD HAVE BATTERY BACK UP FOR ATLEAST 2 SCANS
H	<u>SAFETY:</u>
	1. SHOULD BE SAFE ENOUGH TO BE USED IN ENVIRONMENTS SUCH AS AMBULANCE
	2. SHIELDING UPGRADE IF AVAILABLE SHOULD BE PROVIDED.
	3. SHOULD SATISFY INTERNATIONAL RADIATION SAFETY REQUIREMENTS.
I	<u>WORKSTATION:</u>
	1. A MOBILE WORKSTATION WITH ALL IMAGE PROCESSING SOFTWARE LOADED SHOULD BE PROVIDED.
	2. SCANS CAN BE VIEWED ON WORKSTATION IN STROKE UNIT.
<u>2. STROKE UNIT WITH ESSENTIAL ICU EQUIPMENT :</u>	
A	LEAD SHIELDING FOR STROKE UNIT :
a	CT installed in Ambulance , shall be provided with an appropriate shielding enclosure to ensure adequate built-in protection for persons likely to be present in and around the vehicle.
b	Shielding shall be provided around the vehicle from all the sides up to height of 2m from external ground surface as per AERB guidelines
c	Radiation warning symbol shall be displayed on all sides of the vehicle.
B	Ambulance Chassis should be RTO approved for Ambulance applications.

C	Suitable air conditioning should be installed in the Ambulance.
D	Power generator / Gen set with suitable capacity should be installed to support CT, AC, Lights & standard ambulance accessories for medical Emergency.
E	Ambulance should be supplied with radiolucent head board for brain scanning along with stretcher.
F	Lead viewing glass should be installed for operator : to monitor patient during CT scanning in progress.
G	Storage & platform for medical equipment should be provided in stroke unit.

3. CABIN :

A	All door pad, All side wall paneling and Interior roof. Fiber Thickness (5mm), FRR (Fire Retardant Resin) as per ASTM D543-84 and BS 476 part 6 & 7 Standard.
B	Marine ply with Vinyl flooring(PVC), Features: No Wax, No Polish, Wear Layer Polyurethane reinforce, Multi colour, Scratch Resistant, Anti - Bacterial, Anti - Fungi.
C	Complete wiring, Sleeves with channel routed.SCB (Short circuit breaker) switch for 220V ac line & 12V / 24V.Fuses with fuse box for all 12 v lights - reputed make
D	220V / 15A plug points - reputed make
E	Doctor and Paramedic Retractable Seat with Auto tension Seat Belt from reputed make.
F	Provision for fixing medical equipments.
G	Overhead cupboard with acrylic glass door for storing emergency accessories.
H	Mounting provision for CT Scanner.
I	Inverter A/c should be provided to maintain dust free - temprature control environment.
J	SS Wash basin, electrically foot switch operated with waste water tank.
K	Utility table with Medicine storage containers in RHS for keeping emergency accessories storage.
M	SS Bio waste bin
N	CO2 Fire Extinguisher 2Kg – Dry Powder type.
O	Digital Clock, Temperature sensor, Humidity sensor display.
P	Foldable table for keeping laptop
Q	2 Fans

3. EXTERIOR :

A	Provision to fix generator with necessary cabling, change over switches from generator to external EB Supply and water proof external power socket, EB power short circuit breaker with sound and heat protective glass insulation paneling for generator room. 220v 15Amps Electric Cabling (20Mts) for External EB supply.
B	Branding with sun control film
C	Xenon strobe flash light.
D	Hydraulic Vehicle balancing Stabilizer
E	Blue and Red Siren lights, 100W Siren amplifier, with Public Address
F	System, 100 W Siren Speaker

4. DRIVERS CABIN :

A	Vehicle maintenance history & Over speed alert
B	Two Way Communication between Stroke and Driver Cabin
C	High quality Suspension : Less Vibration, Superior ride Comfort, Leaf Spring Suspension

5. ESSENTIAL MEDICAL EQUIPMENT FOR MSU:

A	Mobile Stroke Unit should be supplied with following Medical equipments :
	a. Blood Analyser
	b. Biphasic Defibrillator
	c. Volumetric Infusion Pump
	d. 12.1” Modular Multi-para Patient Monitor
	e. Lead Aprons - 02 Nos.
	f. Thyroid Shield - 02 Nos.

	g. Ventilator
	h. CPR Unit
B	Tele - Stroke video conferencing package
	a. Tele-Stroke Monitor with Camera Installation
	b. HD DVR
	c. HD Camera indoor
	e. Power supply unit
	f. Connectors & electrical Accessories
	h. Router
	i. 4G Dongle without sim

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Portable CT Installation in India : (On 1st Jan 2024)

Sr. No.	Customers	Qty	CITY	Model
Ceretom				
1	AIIMS JPNA	2	New Delhi	CereTom
2	AIIMS CN Center	1	New Delhi	CereTom
3	NIMHANS	1	Bangalore	CereTom
4	King George's Medical University (KGMU)	1	Lucknow	CereTom
5	Postgraduate Institute of Medical Education & Research (PGIMER)	2	Chandigarh	CereTom
6	Medanta Medicity	1	Gurgaon	CereTom
7	Neuron Neurscience Hospital	1	Nagpur	CereTom
8	Deenanath Mangeshkar Hospital	1	Pune	CereTom
9	Rajendra Institute of Medical Sciences (RIMS)	1	Ranchi	CereTom
10	Research & Referral Army Hospital (R&R)	1	Delhi	CereTom
11	DGAFMS - Command Hospitals across India	10	Delhi	CereTom
12	Safdurjung Hospital	1	Delhi	CereTom
13	Kovai Medical Center and Hospital	1	Coimbatore	CereTom
13	Gujarat Cancer Research Institute (GCRI)	1	Ahmedabad	CereTom
Mobile Stroke Unit (with Ceretom)				
1	ICMR, India : Baptist Hospital, Tezpur - Assam	1	Tezpur	Mobile Stroke Unit
2	ICMR, India : Assam Medical College , Dibrugarh	1	Dibrugarh	Mobile Stroke Unit
Omnitom				
1	AIIMS , Patna	1	Patna	OmniTom
2	AIIMS, Bhubaneshwar	1	Bhubaneshwar	OmniTom
3	AIIMS, Jodhpur	1	Jodhpur	OmniTom