



RAJASTHAN MEDICAL SERVICES CORPORATION

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Ref. No. : Rmisc/2637

Dated: 07-06-2013

To
All CMHO /BCMO/MOIC
Medical and Health Department,
Rajasthan.

Subject: - Preparation of site for installation of **Laboratory, X-ray & ECG Equipments.**

As you are aware that Phase – II of MNJY will be commencing from 1st July 2013 at all CHC & major equipments are being supplied through RMSC , which are as follows :

Sr.NO	Equipment	Test to be performed	Supplier	Ordered Qty.	Consultant BME
1	Blood Cell Counter (3 Part)	Hematology Test i.e. Hb, TLC , DLC , TEC etc.	M/s. Horiba India Pvt. Ltd. , New Delhi	433 + 14 (Reserve)	Er. Saksham Verma 9660878798
2	Semi Auto Analyzer	Biochemistry Test i.e. Blood Sugar Urea , creatinine	M/s. CPC Diagnostics Pvt. Ltd. Chennai	200 + 14 (Reserve)	Er. Akash Sen 7792952627
				Remaining Quantity to be Procured at Level of CMHO	
3(A)	100mA X-ray	X-ray Chest & Limb etc.	M/s. Allengers Medical System Pvt. Ltd. New Delhi	110	Er. Sonika Sharma 8955248660
3(B)	100mA X-ray	X-ray Chest & Limb etc.	M/s.General Medical Equipment, Noida.	50	Er. Prateek Paliwal 9982601818
3(C)	300mA X-ray	X-ray Chest & Limb etc.	M/s.General Medical Equipment, Noida.	34	Er. Manish Kumar Jha 9001421989
	CR System	Digital X Ray Film Processing Unit	M/s. Carestream Health India Pvt.Ltd., New Delhi	34	
4	ECG Machine	ECG	M/s. Medicaid Systems, Chandigarh	332 + 21 (Reserve)	Er.Nishant Yadav 8290324422

The above equipments are to be supplied for facilitating Diagnostic Test at your center under second phase of MNJY Scheme. Since the supply orders have been placed to the supplier (copy of order available on www.rmssc.nic.in), all the concerned officers (CMHO/BCMO/MOIC) are required to ensure availability of basic facilities for installation.

For your reference please find enclosed Pre-installation requirements .You are therefore, instructed to make the above mentioned arrangements immediately after receiving the letter. For any further advice you may contact Biomedical Engineering Division, RMSCL and Tele Phone: 0141-2225885.

The Steps for Equipment Receiving & Installation are as follows:

1. Receive the consignment
2. Get the installation done at the prepared site
3. Verify all attachments and accessories as per purchase order and mark the same entries in inventory register
4. Check functionality of the equipment and have demonstration as well as training
5. Register equipment entry in BMED software(e-aushadhi)
6. After finishing up with all above, start tests as per policies (for BPL patients- free test, other patients chargeable till commencement of MNJY-II)


Managing Director
RMSCL

Enclosure:

1. Blood Cell Counter - Pre-Installation Requirement.
2. Semi Auto Analyzer - Pre-Installation Requirement.
3. (A).100mA X-ray - Pre-Installation Requirement.
(B). 300mA X-ray & CR System - Pre-Installation Requirement.
4. ECG Machine - Pre-Installation Requirement.

1. Pre-Installation requirement
Blood Cell Counter Machine
Manufacturer: Horiba India Pvt. Ltd.

Requirements for Installation of Blood
Cell Counter Machine to be arranged by
CMHO/BCMO/MOIC.

1. Refrigerator - For reagent Storage @
2-8 Degree Centigrade
2. Work Table - To install the instrument
3. Room Temperature – 25 degree
Centigrade
4. Power Outlet : 220 V ,50 Hz, 5 Amps
with proper earthing



Material Supplied Free of Cost with Blood
Cell Counter

1. UPS - 0.5 KVA - Offline / On line
2. Reagents standard pack-01, (Furthermore, reagents will be locally purchase at
facility level as per rules).

2.Pre-Installation requirement
Semi Automated Chemistry Analyzers
Model: STAT FAX 3300

Requirements for Installation of Semi Auto Biochemistry Analyzer to be arranged by CMHO/BCMO/MOIC.

- 1. Centrifuge - To centrifuge the samples**
- 2. Incubator - To incubate the chemistry parameters**
- 3. Refrigerator - For reagent Storage @ 2-8 Degree Centigrade**
- 4. Work Table - To install the instrument**
- 5. Power Outlet - 220 V ,50 Hz, 5 Amps with proper earthing**

Material Supplied free of Cost with Semi Auto Biochemistry Analyzer

- 1. UPS - 0.5 KVA - Offline / On line**
- 2. Micro Pipettes - 10 μ l, 50 μ l, 500 μ l, & Tips (100 Nos , each)**
- 3. Reagents & Quality Control Solutions (Furthermore, reagents will be locally purchased at facility level as per rules).**



3 (A). Pre-Installation requirement

100 mA X-Ray Machine

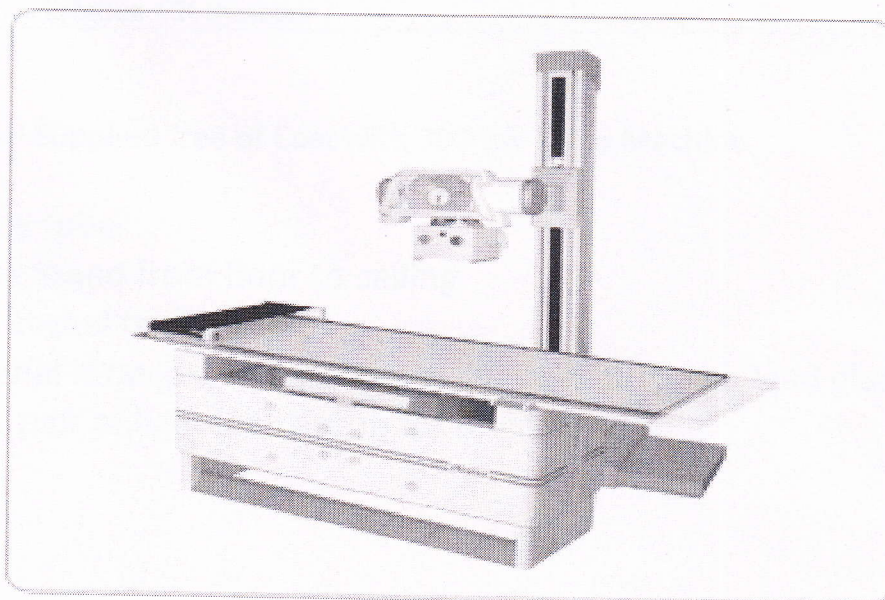
Manufacturer/ Supplier : Allengers Medical System & GME

Requirements for Installation of 100 mA X-Ray Machine to be arranged by CMHO/BCMO/MOIC.

1. Power supply Single phase 230 volt.
2. Copper Wire 6mm thick from meter/distribution panel to X-ray room.
3. 10-15 mm aluminum wire from pole to meter/distribution panel.
4. Main switch 15 Ampere.
5. Wall thickness of 9 inches.
6. Provision for dark room for X-ray film developing.
7. Separate sinks for use of fixer and developer.
8. If door distance from centre of table is less than 2 meter, lead sheet should of minimum thickness of 2mm. If door distance is equal to or more than 2 meter, lead sheet should be of 1.5mm.
9. If wall thickness is less than 9 inches, then wall should be lined with 1.5mm lead sheet.

Material Supplied free of Cost with 100mA X-ray Machine

1. X-Ray tube
2. Tube Stand from floor to ceiling
3. Horizontal bucky table with floating table top with grid unit
4. Vertical bucky



**3(B). Pre-Installation requirement
300mA HF X-ray Machine & CR system
Manufacturer/ Supplier : GME & Care stream Health**

Requirements for Installation of 300mA X-ray machine & CR System to be arranged by CMHO/BCMO/MOIC.

Requirements	Specification
X – Ray Room Size (As per AERB guidelines)	X-Ray Room (l X b X h ft.): Minimum 4m X 4.5m x 3m
Main Supply	400-440V AC, 50 Hz, Three Phase, Max. Allowable line Regulation $\pm 10\%$ Power Connection & proper earthing with Mains Switch of minimum 63 Amps TPN should be available.
Ducting/Ventilation	3 feet wide with adequate shielding, preferably one. Minimum 2.5. mtrs. from the finished floor, shielding to be done with 1.7 mm lead sheet in case lesser as per AERB Guidelines
Room Temperature	There is 25° C Room Temperature
Humidity	80% Non-condensing
CR System Room Size	8 ft. x 8 ft.
CR Main Supply	7 Power Outlets - 16 Amps
AC Main Supply – Split AC(1.5 Ton) (For CR System)	220 V , 50 Hz , 20 Amps
Work Table (For 2 Workstation CR System)	3 ft. x 6 ft.

Material Supplied free of Cost with 300mA X-ray Machine

1. X-Ray tube
2. Tube Stand from floor to ceiling
3. Horizontal bucky table
4. 2 Penal X-ray protective barrier for operator with lead glass window
5. One pair of light lead apron for operator

Material Supplied free of Cost with CR System

1. 2 Cassettes each size 14"x17", 14"x14", 10"x12", 8"x10"
2. Online UPS more than 30 minutes back-up for CR system
3. Computer system with Cassette Reader & Laser Printer for X-ray Film Printing



4. Single Channel ECG Machine

Manufacturer: M/s. Medicaid Systems, Chandigarh

Model : Cardio-Fax

Requirements for Installation of Single Channel ECG machine to be arranged by CMHO/BCMO/MOIC.

1. Patient Couch
2. Table/ Trolley : To place ECG machine
3. Power Outlet: 220V, 6 Amp. With proper earthing
4. Bed Side Screen : for Patient Privacy during ECG Examination

Material Supplied Free of Cost with Single Channel ECG Machine are

1. Patient Cable – 10 lead
2. Recording Paper – 01
3. Clip-on Electrode – 04
4. Jelly Bottle - 01
5. Chest Electrode With Bulb - 06
6. Earthing cable – 01
7. Warranty card – 01
8. Operating Manual -01

