



Government of Rajasthan
Directorate of Medical, Health and Family Welfare
Swasthya Bhawan, Tilak Marg, Jaipur

F.No. F.37(8)NRIIM/TM/2014/10146

Date - 27/3/15

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Subject: Biomedical Equipment Inventory Mapping for National Health Mission, Rajasthan

Reference: Letter of AS & MD, NHM, MoHFW, New Delhi ; D.O. No. 7(9)/2015-NHM_I dated 14-01-2015.

Government continues to invest a new medical equipments adding to what already exist at various level of public health facilities, high rate of dysfunctional medical equipments remains a concern in from of management and maintenance. Recently, Gol has suggested for outsourcing of Comprehensive Maintenance Contract (CMC) and in the state we are going to use of a software e-Upakran for this purpose. To address the gap in technology management and maintenance in district and sub-district hospitals in the country, a model has been conceived on the lines of public-private partnership for maintenance of all biomedical equipment across PHCs, CHCs, SDH, DHs and MCHs in *Rajasthan*

To map the inventory of all medical equipment in following (33+1) Districts of *Rajasthan* across all PHCs, CHCs, SDH, DHs and MCHs:

S. No	Districts	Government Health Units in Rajasthan								Total
		Medical Colleges & Hospitals	Satellite Hospitals	District Hospitals	Subdivision Hospitals	City Dispensaries	Other Govt. Hospitals	CHCs	PHCs	
1	Ajmer	2	N	2	3	14	N	20	66	107
2	Alwar	N	1	1	N	4	N	36	122	164
3	Banswara	N	N	1	N	6	N	21	51	79
4	Baran	N	N	1	N	2	N	12	48	63
5	Barmer	N	N	1	N	3	N	22	97	124
6	Bharatpur	N	N	1	N	4	N	17	65	87
7	Bhilwara	N	1	1	N	11	N	23	75	107
8	Bikaner	1	N	1	N	11	N	13	54	80
9	Bandi	N	N	1	N	1	N	11	51	44

10	Chittorgarh	N	N	1	1	3	N	21	48	74
11	Churu	N	N	1	2	4	N	15	90	112
12	Dausa	N	N	1	N	1	N	15	44	61
13	Dholpur	N	N	1	1	5	N	7	27	41
14	Dungarpur	N	N	1	1	1	N	15	55	73
15	Ganganagar	N	N	1	N	4	N	16	56	77
16	Hanumanagarh	N	N	1	N	2	N	15	55	73
17	Jaipur I	7	2	1	1	37	N	17	76	141
18	Jaipur II	N	N	1	N	4	N	12	55	72
19	Jaisalmer	N	N	1	N	5	N	8	21	35
20	Jalore	N	N	1	N	2	N	10	68	81
21	Jhalawar	1	N	N	N	3	N	15	42	61
22	Jhunjhunu	N	N	1	N	5	N	27	108	141
23	Jodhpur	6	3	2	N	21	5	22	84	143
24	Karauli	N	N	1	1	3	N	8	36	49
25	Kota	3	N	1	N	10	3	13	45	75
26	Nagaur	N	N	1	3	2	N	28	121	155
27	Pali	N	N	1	1	5	N	20	84	111
28	Pratapgarh	N	N	1	N	N	N	8	29	38
29	Rajsamand	N	N	1	1	N	N	12	45	59
30	Sawai Madhopur	N	N	1	1	2	N	11	35	50
31	Sikar	N	N	1	2	6	N	30	99	138
32	Sirohi	N	N	1	N	3	N	9	29	42
33	Tonk	N	N	1	N	6	N	9	59	75
34	Udaipur	3	1	1	1	10	N	27	96	139
Total		23	8	15	15	136	8	565	2116	2971

2. The following work is being issued to the agency for:

1. Line Listing of biomedical equipment in all PHCs, CHCs, SDH, DHs and MCHs in the districts above.
2. Assessment of functional status of all biomedical equipments.
3. Assessment of any existing warranty/AMC/CMC status for all biomedical equipments.
4. Listing of any other information in medical equipment inventory software (e-Upkaran) for the state of Rajasthan.
5. Above data should be entered in the e-Upkaran.

Data Sources

The Biomedical Equipment inventory mapping will use the following data sources:

- Data 1: Line listing of Medical Devices or Mapping Technologies in PHCs, CHCs, SDH, DHs and MCHs.
- Data 2: Functional Status, AMC/CMC/Warranty status of each Medical Equipment
- Data 3: Any other information required for the purposes of equipment inventory mapping

3. Budget

A budget of Rs.2 Lakh for each district i.e. Rs. (68 Lakh) for all (33+1) districts is allocated for this task in the following manner:

- a. 30% upon acceptance of work order and signing of the contract
- b. 30% upon completion of work in 50% of districts and submission of data sheets.
- c. 40% upon completion of work in all the districts and submitting data sheets for the entire project

4. Roles and Responsibilities

a. **Biomedical Agency: as given in point (2) above**

- i. Line Listing of biomedical equipment in all PHCs, CHCs, SDH, DHs and MCHs in the districts above.
- ii. Assessment of functional status of all biomedical equipments.
- iii. Assessment of any existing warranty/AMC/CMC status for all biomedical equipments.
- iv. Listing of all information in medical equipment inventory software (e-Upkaran) for the state of Rajasthan

b. **National Health Mission, (Rajasthan)**

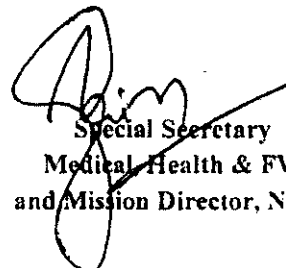
- i. Will finance the work
- ii. Provide access to all facilities where study has to be conducted
- iii. Send official communication to respective state government officials detailing the study objective and introducing the biomedical agency

c. **NHSRC, New Delhi**

- i. Provide technical support
- ii. Provide template, software and training for data collection
- iii. Make visits to selected sites to ensure capturing of correct and sufficient data sets and provide independent feedback to Mission Director, NHM, Rajasthan for satisfactory completion of the work by the agency
- iv. Cost for all technical support provided including that of travel of NHSRC team to selected sites for work audit shall be borne by NHSRC

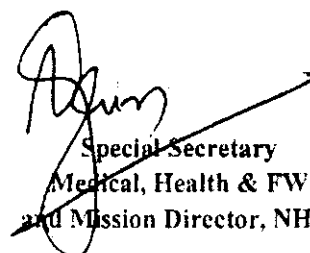
5. Time frame for completion of work:

The total time-frame for this consultancy contract will be 45 days from the release of work order. The work shall be done in several districts simultaneously, and a maximum time of 15 days after 45 days shall be given in case of any issue beyond agencies' control which could cause a delay. The agency accepting the work order shall deploy sufficient human resources to ensure accuracy in the work and its timely completion.


Special Secretary
Medical, Health & FW
and Mission Director, NHM

Copy to:

1. PS to Additional Secretary & MD, NHM, New Delhi
2. PS to PHS, Medical & Health, Rajasthan
3. PS to PHS, Medical Education, Jaipur
4. PS to ED, NHSRC, New Delhi
5. Principal, Medical College and attached Hospitals, Ajmer, Bikaner, Jaipur, Jodhpur, Jhalawar, Kota, Udaipur (Please issue necessary directions to co-operate HLFPT employees in mapping of inventories of all attached hospitals).
6. Director – Public Health (Please issue necessary directions to co-operate HLFPT employees in mapping of inventories of institutions).
7. ED, EPM, RMSC
8. CO-IT for email
9. Guard File


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