GOVERNMENT OF RAJASTHAN
DIRECTORATE OF MEDICAL, HEALTH AND F.W. SERVICES
RAJASTHAN, JAIPUR

No: F.2 (172) NUHM/Mapping/2015/ 8109   Date: 7/1/15

Call for Expression of Interest (EOI)

Under National Urban Health Mission, Government of Rajasthan has decided to conduct a vulnerability mapping of slum areas through an external agency in all the 61 cities selected under NUHM. Interested organizations are required to submit their profile with a letter of expression of interest in the office of MD, NHM upto 5:00 P.M. on or before Feb.10th, 2015 under sealed cover. Visit **www.rajswasthya.nic.in** for more details.

Additional Mission Director
National Health Mission

Term of Reference
For
Vulnerability Mapping of Urban Slums Areas in 61 Cities of Rajasthan

The Government of India has launched the National Urban Health Mission as a Sub-Mission under the overarching umbrella of National Health Mission for providing quality primary health care services to the urban poor population especially urban poor and the vulnerable sections of the society. Cities / towns with the population of more than 50,000 will be covered under it.

The state has identified 61 cities for implementing NUHM out of which 3 (million+cities), 26 cities (between 01 lakh to 10 lakhs population) & 32 cities (between 50000 to 01 lakh population).

Under National Urban Health Mission, it is the mandate to promote and strengthen health infrastructure in urban poor areas and to build an understanding about urban areas and vulnerability of urban poor in context to health and health determinants, it has decided to conduct vulnerability mapping of slum areas through external agency in all the 61 cities selected under NUHM.

Background

Rajasthan is witnessing rapid urbanization. As per census 2011, the urban population of the state is 17.1 million, which is 24.9 percent of total population (68 million) of the state population. Along with urban population and urban areas, the growth of slum population and slum areas is a cause of concern because it is posing challenges of urban health, particularly in slum areas of cities. As per census 2011, the population of identified slums in the state is 20,16,864, which is about 12.1 percent of total urban population and can be higher if population of unlisted slums is also included. The tremendous increase in slum population along-with inadequate urban health infrastructure for primary healthcare and weak referral system has resulted in huge challenge in addressing health of the urban poor population. Also, there are many slums which are not even listed in official records and therefore remain outside the purview of public services. Moreover, the living conditions of urban poor such as poor housing, nutrition, drinking water and environmental sanitation conditions have accentuated the risks for communicable diseases among the urban poor.

In accordance of NUHM framework of implementation, the state has identified 61 cities for rolling out of National Urban Health Mission. The list of 61 cities in Rajasthan includes cities with more than 50,000 population and all District headquarter cities irrespective of population criterions. Out of 61 selected cities, 33 are district headquarters (HQs) and 28 sub-

district level cities. Three districts HQs Dungarpur, Pratapgarh and Sirohi have less than 50,000 populations. Phalodi, Nohar and Kotputli towns had approximate 50,000 populations (more than 49000) in 2011, hence selected for NUHM implementation.

Purpose

The main aim of the vulnerability mapping is to get notified and un-notified urban poor settlements, AWCs, government and private health facilities be listed in different wards of the cities. The listing and mapping will include distances of health facilities with slums, catchments population, services available at government urban health facilities and existing community structures in listed and unlisted slums.

- The Vulnerability mapping of all 61 cities and the slums (notified & un-notified) through GIS mapping and survey method will help to assess the vulnerability of cities, wards and slums and to prioritise the areas for health interventions.

- The development of city wide maps of all cities and slum wise maps of all notified /un-notified slums of respective city will help to plan and position the urban health infrastructure Mapping will help to position the health infrastructure for universal coverage and easy accessibility to urban poor, in which the help of Urban Local Bodies will be sought.

- Both mapping will provide information about availability of basic urban infrastructure facilities.

- It will help to assess the type of health problems prevalent in each slum and accessibility of slum dwellers to health care facilities.

- It will also help to know the socio-economic background of people living in particular slum. Based on the collected information of each slum, the vulnerability of wards will also be assessed.

Scope of work

Every activity will be done in consultation with state government.

The external agency is expected to accomplish the following task:

- GIS mapping of all 61 cities to prepare city wide maps showing roads, railway line, drainage area, all public and private health facilities of the city and other major land marks of the city.

- Detailed listing & mapping of all notified/un-notified slums through survey and data collection in each slum.

- The listing & mapping will also include distances of health facilities with slums, catchment population, and services available at government and private urban health facilities and existing community structures in listed and unlisted slums.
- Sketch map of each slum showing physical boundary with physical infrastructure (like health facility, school, Anganwadi centre, Parks, drains, Roads etc.) and social infrastructure (community groups like Self Help groups, Mahila Arogya Samitis etc.).
- Identify the space to develop new urban health facilities in or around slum in consultation with ULBs.
- Prepare analyzed report of each city, with social map of each slum.

Steps of Listing & Mapping:
1. Listing of slums and slum like settlements
2. Listing of health facilities
3. Listing of Anganwadi centres
4. Preparation of base map of the city/town
5. Plotting of slums, health facilities and *Anganwadis* on the base map
6. Verification of plotting on the map by field visits
7. Digitization of the base map
8. Triangulation of the draft map with relevant stakeholders
9. Finalization and printing of the map

Steps for digitization
- Finalization of GPS location of slum / ward / AWC / Health facilities, etc.
- Preparation of Ruster map (on paper)
- Geo referencing of Ruster map and converting into vector map
- Choose software (ArcGIS / ArcView / etc.)
- Feeding of data into software
- Indexing the map
- Convert into Flash player for easy use

Required competencies
The Directorate of Medical Health & Family Welfare, GoR, is looking for a competent external agency, which have prior proven experience of slum mapping through GIS and survey method. The agency should have experts, who have prior experience of doing social research in slum areas on socio-economic issues, particularly, health, water and sanitation.

Time Frame:

61 cities of Rajasthan would be selected to carry out the mapping exercise which is to be completed within a period of 2 and half months after the signing of the MoU. This would include:

- Fifteen days for survey set up including finalizing the questionnaire and training of field staff and for completion of desk review.
- One month for Mapping & Slum Survey to be carried out.
- Fifteen days for submitting the preliminary report.
- Fifteen days for receiving comments/feedback from NRHM and making necessary revisions and finalizing reports.

Eligibility

- The Agency should be registered body under the Indian Societies Registration Act/Indian Trust Act/Indian Religious and Charitable Act/Company Act or State Counter parts for more than five years.

- Only those agencies which have an accumulated turnover of Rs.50 Lakhs or more in last two financial years i.e.2012-2013 and 2013-2014 would be eligible for the evaluation of technical proposal. A copy of the audited balance sheet of the last two years should be attached with the technical proposal.

- The agency must have proven experience and capabilities in carrying out such Mapping services. Weightage will be given to those with such work experience.

- Resource person should be qualified and experienced with relevant degree or higher qualification and minimum experience of 5 years of conducting Mapping.

Role of the Client:

The department will provide necessary authorization to the external agency to conduct this Mapping in the state & provide areas of the information and health institutions. The information and data collected as a part of this study will be the sole property of the department and the agency will not use it for publication or claim any right on it.

Review Committee:

The state health society shall constitute a committee for review & Monitoring of the Mapping.

The review committee will review and monitor the effectiveness of working of the agency every month in terms of implementation, financial output, deliverables and reports.

Schedule of Payments

The fee for conducting the Mapping will be paid in following manner:

Installment	Percentage	Milestone
First Installment	30 percent of the total fee	On the Award of the work contract against the submission of Bank Guarantee.
Second Installment	20 percent of the total fee	On submission of tool, work plan, Scope & focus of work
Third Installment	20 percent of the total fee	On submission of draft final report.
Fourth Installment	Remaining 30 percent of the total fee	On acceptance of the final reports in required no. of copies, Recommendations, entire raw data & Soft copy of report.

Deliverables

- Digital/Simple Maps of all 61 cities (one soft copy and hard copy) of size 3 feet by 2 feet
- Maps of all slums of all cities (one soft copy and hard copy) of size 1.5 feet by 2.0 feet
- Compiled Report of each city (one soft copy and hard copy).
- Raw data of all cities and their codes
- All the survey schedules and edited data set
- Digitized layering of Health Facilities

Financial Proposal

Submission of a financial proposal to carry out the listing and Mapping exercise with broad financial itemized breakups these are:

1. The financial proposal should be detailed in the form of table indicating the overall chargeable unit rate and deployment of personnel and overall arrived cost for each personnel.

2. The cost of transportation and per diem and local travel shall be charged under separate heads.

3. Taxes as applicable to be charged separately.

4. All Financial Bids need to be signed by the Authorized Representative of the Bidding Agency.

Interested organizing are required to submit their profile, giving the following details:-

a. Name, address, Fax No. and Email Address of the agency

b. Names and short CVs of the chief functionary and principal staff members

c. List of similar assignment undertaken (completed and ongoing) in the related field of mapping in the past three years

d. Registration status and organizational structure

e. Financial status of last three years

Note: The agency should submit separate technical and financial proposal. The technical proposal should have detailed work plan and methodology to accomplish the work. The financial proposal of that agency would be entertained those are qualified in technical proposal.

For the list of 61 cities see annexure-A.

Annexure-A- Cities /Towns to be covered for mapping

Sl. No.	Name of the City/ Town	Sl. No.	Name of the City/ Town	Sl. No.	Name of the City/ Town
1.	Jaipur	22.	Baran	43.	Chomu
2.	Jodhpur	23.	Chittaurgarh	44.	Nawalgarh
3.	Kota	24.	Hindaun	45.	Bari
4.	Bikaner	25.	Nagaur	46.	Nokha
5.	Ajmer	26.	Bhiwadi	47.	Kuchaman City
6.	Udaipur	27.	Bundi	48.	Nimbahera
7.	Bhilwara	28.	Sujangarh	49.	Rajgarh
8.	Alwar	29.	Banswara	50.	Abu Road
9.	Bharatpur	30.	Barmer	51.	Jalore
10.	Sikar	31.	Sardarshahar	52.	Didwana
11.	Ganganagar	32.	Makrana	53.	Laxmangarh
12.	Pali	33.	Fatehpur	54.	Dungargarh
13.	Tonk	34.	Dausa	55.	Nasirabad
14.	Kishangarh	35.	Karauli	56.	Phalodi
15.	Beawar	36.	Balotra	57.	Nohar
16.	Hanumangarh	37.	Ratangarh	58.	Kotputli
17.	Dhaulpur	38.	Suratgarh	59.	Dungarpur
18.	Sawai Madhopur	39.	Rajsamand	60.	Pratapgarh
19.	Churu	40.	Jhalawar	61.	Sirohi
20.	Gangapur City	41.	Ladnu		
21.	Jhunjhunu	42.	Jaisalmer		