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Govt. of Bihar
Deptt. Of Health & Family Welfare
State Health Society, Bihar
Pariwar Kalyan Bhawan, Sheikhpura, Patna-14



**TENDER FOR CARRYING OUT SURVEY OF IMMUNIZATION AND
OTHER HEALTH INDICATORS**

The State Health Society, Bihar invites bids from the interested and reputed agencies engaged in carrying out research and evaluation studies, with a view to short list the agency for conducting health related survey in the state on quarterly basis on the following indicators:-

1. To assess Routine Immunization and Vitamin A coverage of 38 districts (coverage with gender, social and economic desegregation) in the State.
2. To assess the ANC, delivery service care, and PNC coverage of districts, including specific contributions of JBSY in institutional deliveries.
3. To assess breast feeding practices among community – colostrums feeding, EBF and supplementary nutrition
4. To evaluate coverage of Vitamin A Supplementation biannual rounds in all the districts
5. Health workers survey to assess the performance at village, block and district levels

Period of contract:- Two years from date of signing of the contract enshrining terms & conditions in accordance with the Act in force in this regard.

Coverage Area:- Survey will be conducted in all the 38 districts of Bihar.

The detailed Terms of Reference, Methodology to be used and other details of the survey can be seen on the web site of the SHSB, <http://www.statehealthsocietybihar.org>

Last date for submission of proposal: The Technical and Financial bids, in separate sealed envelopes (Marked as Cover – A and Cover – B), should reach the office of the Executive Director, State Health Society Bihar, Parivar Kalyan Bhawan, Sheikhpura, Patna, through Speed Post/ Regd. Post, latest on or before 3.00 P.M. on 26th September 2011. The bids received after the closing date will not be entertained. Details of the tender document could be seen on the website of the SHSB, <http://www.statehealthsocietybihar.org>

Executive Director
SHSB



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**TENDER FOR CARRYING OUT SURVEY OF IMMUNIZATION AND
OTHER HEALTH INDICATORS**

Objectives:-

The State Health Society, Bihar invites bids from the interested and reputed agencies, engaged in carrying out research and evaluation studies with a view to short list the agencies for conducting health related survey in the state on the quarterly basis on the following indicators:-

- 1- To assess Routine Immunization coverage of districts (coverage with gender, social and economic desegregation) in the State.
- 2- To assess the ANC, delivery care, and PNC coverage of districts, including specific contributions of JBSY in institutional deliveries.
- 3- To understand breast feeding practices among community – colostrums feeding, EBF and supplementary nutrition
- 4- To evaluate coverage by Vitamin A Supplementation 6 monthly rounds for all districts of State
- 5- To assess the level of awareness about different antigens and vitamin A among mothers/ primary care givers and analyze causes for non immunization of children and partial coverage of vitamin A supplementation
- 6- To evaluate the performance of health workers at community, health sub-centre and primary health centres for each district separately

Period of contract:-

Two years from date of signing of the contract enshrining terms & conditions in accordance with the Act in force in this regard.

Coverage Area:-

Survey will be conducted in all 38 districts of Bihar.

Eligibility:-

- Agencies must be registered under Societies Registration Act 1860 for three years.
- Agencies with capacity to conduct large scale studies and analysis of voluminous data.
- Experience of conducting similar large scale surveys in Health sector (with a minimum sample size of 15,000 households) in the last three years.

Tender Bid:-

Tender bids in separate sealed cover are invited from interested Agencies. The bidders are required to submit the tender proposal in two separate envelopes marked as Cover – "A" for Technical Bid and Cover – "B" for Rate/Financial Bid. If both Financial and Technical Bids are received in the same envelop, the Tender Bid shall be liable to be rejected.

The Agencies are required to furnish information on each of the following:-

Cover-"A" – Technical Bid Envelop (A) should contain :

- Registration Certificate of the Agency issued under Societies Registration Act 1860.
- Brief back ground of the Agency.

- Details of the survey conducted by the Agency in last three years specially information about the experience of conducting such type of survey on a sample size of at least 15,000.
- Affidavit issued after the publication of Tender document of not being black listed and convicted in any of the cases.
- Service Tax Registration Certificate.
- PAN Card & I.T. return for three years 2008-09, 2009 - 10 & 2010-11.
- Audited Balance Sheet of three financial years 2008-09, 2009-10 & 2010-11.
- EMD in form of Demand Draft of Rs. 1,00,000/-(One Lac only – Refundable) in favour of "State Health Society, Bihar" payable at Patna as tender security. **Bid/Bids not accompanied by earnest money shall be liable to be rejected.**

Cover-"B" – Financial Bid envelop should contain:

- Financial Bid should be submitted in the following proforma.

Sl. No	Unit Rate for conducting the survey in all 38 districts of Bihar

Study Methods:-

Survey methods will be developed through consultation between State Health Society, UNICEF, WHO and the Agency. It shall broadly include the following components.

Reference population: The survey will have three components with the following reference population:

1. children 12-23 months for routine immunization survey;
2. children 9 months to 5 years for vitamin A coverage survey;
3. Women who delivered in the last 12 month.

Parameters estimated will be drawn for selected indicators (eg. Percentage of children fully immunized, Antigen wise coverage, percentage of women with 3 ANC visits, immunization by TT, distribution and consumption of IFA tablets, percentage delivery by SBA, breast feeding practices and supplementary feeding for each district. Presentation of report showing district level variation in coverage for different antigens and socio-economic and demographic background using GIS.

Area of study: All 38 districts of Bihar. Desired level of precision: 95% Confidence interval (CI) + /- 5% at 50% prevalence of key indicators for each study unit.

Sampling scheme: Multi - stage cluster survey. Separate samples will be drawn from each district. In districts with relatively large percentage of population living in urban areas or having relatively large urban centers, separate urban and rural samples will be drawn so that estimates may be developed for rural and urban populations separately. WHO Standard 30/8 two stage sampling modified to cover 30 clusters selected by PPS in rural areas selected by random method. Separate house-listing for each selected PSU will be undertaken.

The methodology of sample collection shall be broadly as follows:-

Data collection: Households information will be collected through in person interviews using standardized questionnaires. Questionnaire will collect both quantitative and qualitative information. Validation of parents reported immunization status will be done through cross checks with vaccination cards if available.

Methodology:-

The study design adopted for the survey will be multi indicators cluster survey technique. The study will be conducted in all 38 districts of Bihar. The sampled clusters for the study shall be limited to both the rural & urban areas of the identified districts.

Sampling Method:-

The sample population identified for the study in each district shall be selected on a two-stage sampling technique. In each district, 30 clusters shall be selected by using systematic probability proportional to the size (PPS) procedure. Steps adopted to identify the cluster and the sample shall be as follows:

- List of all the rural (villages) and urban areas with the size of population, in a district, as per Census 2011 will be prepared for each of the study district.
- Within each cluster, first a center point shall be identified with the help of the resident of the cluster. All the households located in the center point shall be given numbers. One household among these shall be selected using a currency note. From the first sampled household, listing of the subsequent households shall be carried out clockwise. This process will continue till the target sample of eight children between the age of 12-23 months and eight children aged less than a year as on the date of survey, are identified for the interview.
- Large villages shall be initially divided either by a lane or tola situated geographically in the four direction of the village and town, one among this shall be selected by using a number on a currency note. Following this selection of the lane/tola, from the center of this selected areas, process of identifying the first sample household from the center of the area shall be conducted in the same way as discussed earlier in case of smaller villages.
- No stratification shall be done at any level. Clusters shall be selected from the list of villages in each district. Households shall be selected from all the listed households in a cluster.
- All the children in the age group 0-23 months shall be interviewed in the selected household.

Sample size:-

From each selected cluster, eight mothers of children aged below one year and eight mothers of children aged 12-23 months shall be interviewed. In each cluster, therefore 16 mothers will be interviewed. In each districts, 480 mothers shall be interviewed comprising of 240 mothers having children below one year of age and 240 mothers who had child aged 12-23 months.

For estimating vitamin A supplementation coverage, children in the age group 9-59 months shall be interviewed.

Report presentation: There will be one state and 38 districts level reports. Each of these report will provide detailed information/data on all the issues as stated above and elaborated in the contract to be signed. The report will also provide desegregated information/data on the basis of Urban - Rural, Male - Female, SC - ST indices and other socio-economic and demographic characteristics. Analysis of findings by using statistical testing and computation of sampling error and confidence intervals for important indicators for each district separately will be done.

Deliverables:

1. One electronic copy and a minimum of 300 hard (printed) copy of final report
2. All filled in schedules in hard bound for each village separately clearly mentioning the name of village, block, district, date of visit and names of Interviewers and supervisors along with their Telephone/Mobile numbers
3. Soft copy of the data entered for all 38 districts separately and combined
4. Detailed training report for field team and data entry operators
5. Standard operating procedure (SOP)/ Interviewers guide
6. Supervisors and monitoring officers guide
7. List of all the team members involved in the survey including the supervisors and investigators along with their educational background, experience of data collection and the contact numbers

Schedule of major tasks

- Review sampling scheme, data collection tools and guidelines and overall survey protocol in consultation with State Health Society, UNICEF and WHO.
- Develop, and agree on Tabulation plan.

- Selection of field team members (investigators) for data collection. The minimum qualification for investigators should be graduation and above.
- Data collection in the field.
- State and district levels tabulated data.
- State and district levels draft reports.
- Feedback on the draft report.
- Final reports.
- The timelines for the above tasks shall be decided on the basis of negotiation once the agency is short listed. The agency shall be submitting the progress report on the work undertaken on a monthly basis as per the time line set out in the Contract to be signed.

Final report should include at least the following items.

- A thorough discussion of background and objectives of the study.
- Clear description of study methodology.
- Tables presenting all findings of interest from the study.
- Executive summary.

Last date for submission of proposal: The technical and Financial bids, in separate sealed envelopes (Marked as Cover – A and Cover – B), may reach the office of the under signed addressed to Executive Director, State Health Society, Bihar, Parivar Kalyan Bhawan, Sheikhpura, Patna through Speed Post/ Regd. Posts latest on or before 3.00 p.m. on **26th September 2011**. The offer received after the closing date will not be entertained. **Details of the project can be seen on the website of the SHSB, <http://www.statehealthsocietybihar.org>.**

Opening of Bids: Technical bid shall be opened for evaluation by the Committee at 2.00 pm. on **27th September 2011** before the bidders or their representatives (if present). Financial bid of only those bidders who are found to be eligible on technical evaluation will be opened and evaluated.

The decision of State Health Society, Bihar shall be final, and no enquiries or application for review shall be entertained. The State Health Society Bihar reserves the right to cancel or reject any bid without assigning any reason.

For any further details/clarification regarding this tender, Dr. Gopal Krishna, State Health Society, Bihar may be contacted during office hours on Ph.No. 0612-2290351

Executive Director
SHSB