**ANN - 2.1**

**Baseline study for Fisheries Development in Telangana state**

Study plan

**1.0 Study Plan**

Commencing from a **data matrix for work plan** derived from the broad tasks given in the TOR, the data requirement in the study has been structured into 7 broad categories viz., resources, activities, markets, institutions, infrastructure, human resource development, policies and strategies. For each category the data details and the quantification required have been narrated to provide leads for further steps in the study process. Based on this data structure classification has been made by source as primary and secondary data in the **work plan modalities**. The modalities cover the data sources, method of sourcing, tools used and the processes adopted. Going further, the work plan modalities also highlight the anticipated output and the application of the data in the study.

**2.0 Study schedules**

Based on these planning inputs, 27 schedules /questionnaires have been prepared and used in the field study. For operational convenience the field study was organized at three different levels i.e., level I at villages, level II at clusters (mandals) and districts and level III at state level. The questionnaires as above cover all the three levels of study. The questionnaire summary is as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.no** | **Data category** | **Schedules (No)** | **Reference code** |
| 1 | Resources | 2 | RAQ 1 & RAQ 2 |
| 2 | Activities | 5 | RAQ 3, HRYQ 5, HRYQ 6, SRFQ 7, SRFQ 8 |
| 3 | Markets | 6 | MLRQ 13, MLRQ 13a, MWSQ 14, CONRQ – 15, CONUQ – 16, CONMQ - 17 |
| 4 | Institutions | 8 | GPPQ - 18, FCSQ - 4, WMMQ -21, NGOQ-22,KVKQ -23, DOFQ- 9, DOFQ - 10, SFFQ - 11 |
| 5 | Infrastructure | 2 | MLCQ – 12, INSQ – 19 |
| 6 | HRD | 2 | HRDQ – 20,HRDQ – 25 |
| 7 | Policies & strategies | 1 | PSQ 24 |
| 8 | Respondents’ profile | 1 | RSP 26 |
|  |  | **27** |  |

The **questionnaires** under resources cover both reservoirs and tanks. In the activities the items covered include aquaculture, hatchery (govt. and private) seed production and seed rearing. Local/rural market, aggregators, wholesalers and consumers are covered under marketing questionnaires. In the institutional questionnaires GPs, FCS, Women Mastya Mitra’s, Federation, DFO, NGOs and KVKs are covered. Under infrastructure there are questionnaires related landing centers and input suppliers. On the HRD aspects also questionnaires are designed for interaction with DFOs. A separate Respondents’ consolidated feedback format is being used to elicit the details of fishermen and other stakeholders.

**3.0 Posers and pointers**

A detailed set of **posers and pointers** are framed and used by experts for discussion with officials to get the required feedback. The structured poser format developed for interaction with DOF district level officers for reservoirs and tanks have been used by experts. Similarly a set of specific posers have been used to source information on various aspects of HR and trainings. On policy issue also posers framed have been used to deliberate on all relevant aspects as it relates to formulation and implementation of policies. Specific poser check lists have been deployed to elicit valuable information and document experiences, opinions and suggestions from the managers and staff of hatcheries and seed rearing farms both in government and private sector.

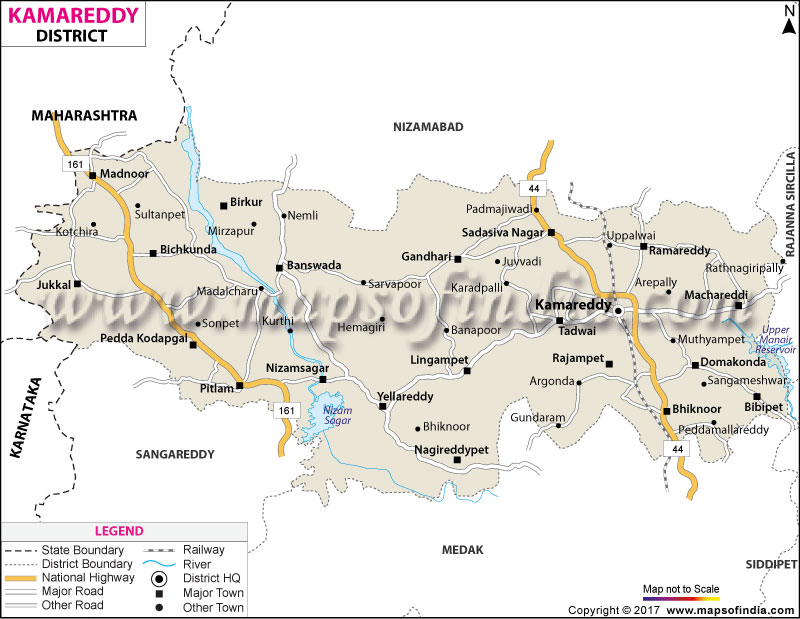
**4.0 Geographic tagging**

A concept of location / geographic tagging has been developed for proper data management where in a coding has been adapted right from district level to Mandals and villages as shown in the following example:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A1 - KMR - KAMAREDDY** | | | | |
|  | **Mandals** |  | **Villages** | **Ref. code** |
| **M1** | **Bichkunda** | 1 | **Bichkunda (N)** | A1-KMR-M1-1 |
| 2 | Manyapur | A1-KMR-M1-2 |
| 3 | Vajeed Nagar | A1-KMR-M1-3 |
| 4 | Polkal | A1-KMR-M1-4 |
| 5 | Hasgul | A1-KMR-M1-5 |

The prefix A above in the district name Kamareddy (KMR) relates to stratum A while the districts in the other two strata will be prefixed with B & C. The numerical 1 after prefix A indicates this district as the first one in the list of 9 study districts. The Mandal in this district prefixed with M1 indicates that Bichkunda is the first selected Mandal in the study district. This Mandal has 5 villages which derive their Geocoding from prefixes of the concerned district and Mandals as shown in the above case. On the same analogy the resources have also been coded as shown in the following example from Kamareddy district.

|  |  |  |  |
| --- | --- | --- | --- |
| **A1 - KMR – KAMAREDDY** | | | |
|  | **Name of village** | **Name of the water body** | **Resource code** |
| **M1. Bichkunda (N)** | * Bichkunda (N) | Kammari kunta | A1-KMR-M1-1-DPT |
| * Manyapur | Manyapur reservior | A1-KMR-M1-2-RSV |
| * Vajeed Nagar | Medi cheru | A1-KMR-M1-3 - DPT |
| * Polkal | Large tank | A1-KMR-M1-4-DPT |
| * Hasgul | Lendivagu | A1-KMR-M1-5-DPT |



**M1**

**M2**

**M3**

**M4**

**M5**

**M6**

**M7**

**M8**

**M9**

Based on the geo tagging discussed above an operational map for each study district showing the distribution of Mandals selected in the study as shown in the example for Kamareddy district: