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

**ANN – 3.12**

**Supportive Schemes and Services**

* **Blue Revolution Program**

**Integrated Development and Management of Fisheries is focused under the Blue Revolution Program of the Central Govt. that is being implemented by the National Fisheries Development Board, Hyderabad in the current year 2017-18. This umbrella project has various components viz.,(i) support for construction of new ponds/tanks,(ii) One time input cost for fish culture,(iii) establishment of freshwater fish seed hatcheries (One ha. Area),(iv) Fish seed rearing units,(v) Input cost for fish seed rearing (up to fingerlings), establishment of fish feed mills (small),(vi) Ice Plants (10 Ton capacity),(vii) support for Training and demonstration, exposure visits etc. Financial allocation of Rs.**1954 lakh has been made under CSS program to support implementation of various components. Over 95% of the budget under the program is for supporting aquaculture activities comprising development of infrastructure for aquaculture (80%), inputs (15%), training & visits (4%) etc. Support for establishment of ice plant account for 5% share in the overall allocation.

It was envisaged to provide financial assistance to as many as 11 schemes under Blue Revolution during the year 2016-17 and 2017-18. The total budget involved was Rs.3455 lakhs to be shared between Central, State governments, and Bank loan/ beneficiary contributions @ Rs.1591 lakhs, Rs.956.50 and Rs.907.50 lakhs respectively.

* **Rashtriya Krishi Vikas Yojane**

An amount of Rs 1135.45 lakhs was sanctioned for Implementation of RKVY schemes during the three year period (2014-15 to 2016-17).

The schemes to be implemented with RKVY assistances are (i) assistance for equipments and inputs in Govt. seed farms, (ii) creation of additional facilities in fish markets, (iii) Fish vending equipments and vehicles, (iv) stocking of 80 mm size seed in Reservoirs.

The actual amount released was Rs.750.95 lakhs (for initial two years) and spent was Rs. 561.81 lakhs (75%).

**Backward linkages schemes**

The emphasis of schemes under this head were mainly on strengthening of Government hatcheries and seed farms to provide effective backward linkages in terms of internalization of seed supply and cage farming infrastructure development. Between 2014-15 to 2017-18, a sum of Rs 64.27 crores was allocated to be spent under this scheme.

* **Strengthening of Government Fish seed farms**

There are 28 fish seed farms under the control of the Department of Fisheries. Most of the small scale fishermen are accessing fish seed from these Government farms. The presence of fish seed farms in the Government sector is acting as a check on the prices and quality in the private sector. So it is necessary to put existing infrastructure to use by attending to repairs and increase productive structures by adding nursing and rearing space etc. For meeting the expenditure towards repairs to existing structures and construction of new structures and other requirements for full utilization of fish seed farm it is proposed to continue the scheme. During the program under ‘Mana Vooru Mana Pranalika’ certain works have been identified to be taken up for renovation.

* **Establishment of fish/prawn pond or fish seed farm for SC/ STs**

To increase area under both fish and prawn culture and to also improve rearing of fish seed in support of better local access of quality seed to fishers, the scheme was designed. The profitability of the activity is expected to enhance livelihood of SC/ STs who are involved in fishing activity. The unit cost is Rs.5 lakhs and subsidy will be 90% and 10% will be beneficiary contribution.

* **Productivity Enhancement Schemes**

Stocking fish seed in all public tanks and reservoirs that are suitable for fish culture by the Government on 100% subsidy basis is covered under this scheme. All reservoirs are covered under stocking of seed using standard stocking density and size norms. This scheme has been slightly modified during the current year. In case of tanks, cost of seeds stocking was borne at 50:50 till 2015-16 which is now amended. The Government raised its share to 100% of seed cost. This scheme was initiated and implemented during 2016-17 by extending fish seed stocking of all feasible department tanks and reservoirs and is being continued during the current year also. In case of reservoirs, the stocking norm has been revised in respect of large reservoirs. Instead of 300 fingerlings /ha (during 2016-17), the stocking density has been revised to 500/ha. In case of tanks, a major step taken during 2017-18 is covering the feasible Panchayat tanks also under free- stocking of seed. An amount of Rs.7931 lakh was allocated to be spent under this component in past 4 years.

* **Scheduled Caste Sub Plan (SCSP) and Tribal Sub-Plan for Scheduled Tribes**

The schemes taken up under this program are

1. **Supply of inputs to SC /ST fishermen by providing** financial assistance for purchase of fishery inputs like fish / prawn seed, feed etc. The unit cost is Rs.10000 out of which subsidy will be 90%. The beneficiary contribution will be 10%.
2. **Supply of fishing units comprising Boats and nets**

The SC/ST fishermen living near the rivers and reservoirs are provided financial assistance for purchase of coracles, Theppa, putties, and nets like cast nets, gill nets, of the choice of the beneficiary for fishing. The unit cost is Rs. 10000, subsidy will be 90% and 10% beneficiary contribution. During the four year period an amount of Rs. 7.34 crores has been allocated.

* **Solar Panels**

In order to reduce expenditure on electricity bills, green power solar panels were supported under the program @ Rs 5.00 Lakh each.

* **Aquaculture Development**

This innovative scheme was planned based on successful experimentation of cage culture of pangasius in reservoirs in selected locations. The scheme is supported both by the Government of India and State Government and has an element of beneficiary contribution. The ratio of participation is 50:30:20 respectively from GoI, GoTS and beneficiary societies. Financial assistance to private farmers interested in construction of own ponds/tanks for fish seed hatchery, rearing of fish or prawn seed or culture is also being supported. Under the scheme, components provided are: Subsidy @ 20% of the unit cost of Rs. 3.00 Lakh/ha for construction of fish ponds and inputs with unit cost of Rs. 0.50 Lakh/ha to aqua farmers. Subsidy on purchase of nets, boats etc., to inland fishermen is @ 20% on the unit cost of Rs. 15,000/ for group of fishermen. Construction of landing centers near reservoirs (unit cost Rs. 1.00 Lakh/Landing center) and also for Setting up of Backyard Hatcheries for Ornamental fish production by fisher women (SHG)/Co-op.

* **Training and Extension (CSS-50:50) :**

Under this scheme, expenditure provision is made towards the training programs such as (i) stipend to the trainees,(ii) honorarium to guest faculty,(iii) publication of hand books, iv)extension manual and (v)organization of workshop etc., The sharing pattern between Govt. of India and Govt. of Telangana is 50:50 basis.

* **Forward Linkage-Market Development scheme**

This scheme is supported by NFDB on a sharing basis and also developed under state plan budget. The scheme aims at developing Rural Hygienic Markets as also Urban Wholesale markets. Under this, financial assistance was allocated to improve domestic fish marketing; supply of ice boxes was taken up earlier with the assistance from Ministry of Food Processing. There is good demand for supply of iceboxes. A subsidy not exceeding Rs.2000 per box is being provided to the members of MMGs and fish vendors in support of supply. Construction of Fish Retail outlets, Whole sale market and fish vending units are the other major components under the scheme

1. **Vending units with Moped:** Under this scheme, financial assistance is provided to SC/ST fishermen for purchase of Moped with other vending items like ice box, weighing machine, cutter, knives, torch light etc., as there is great need to promote the sale of fish in domestic markets. The unit cost is Rs.40000 and subsidy will be 90% and 10% Bank Loan.
2. **Vending units with Luggage Auto:** Under the scheme it is proposed to provide financial assistance to SC/ST fishermen for purchase of Luggage Auto with other vending items like ice box, weighing machine, Plastic tanks, Oxygen cylinder, cutter, knives, torch light etc., as there is great need to promote the sale of fish in domestic markets. The unit cost is Rs.4 lakh and subsidy will be 90% and 10% Bank Loan.

Under IFDS, multiple components are planned for supporting the fishermen and fisherwomen in marketing. Ice plants 50 nos. of 10 tons capacity at unit cost of 25 lakhs is planned (est. outlay of 1250 lakh). Providing Insulated ice boxes is planned as a part of mobile fish vending kiosks and vending units with mopeds. Trainings are provided through Federation to members of Women Cooperative Societies on fish cleaning and handling.

* **Fishermen welfare schemes**

Two schemes are being implemented under this category ie (i) Fishermen Insurance scheme and (ii) Community Hall construction. The first scheme is supported by both Government of India and State Government on equal basis. The second scheme is exclusively funded by the Government of Telangana.

* **Community Halls**

The pattern of scheme support for construction of Community Halls for Inland fishermen involves support of Rs. 14.00 Lakh Grant from Dept. and Rs.1.00 Lakh from MLA/MP/ MLC or FCS. In the four years period, an amount of Rs 5699 lakh was allocated for the purpose .

* **Relief-cum-Savings Scheme - (CSS-50: 50)**

The Scheme envisages inculcating the habit of saving money among the fishers and to extend assistance to fishermen during the lean season months of fishing. The fisherman has to save Rs.900 (@ Rs.100 per month for a period of 9 months) in a year. Contribution of Rs. 1800/- will be made by the State and Central Government on 50:50 basis. An amount of Rs.2700 per beneficiary will be sanctioned in three equal monthly installments as grant for sustenance during lean season of fishing. For the purpose, an amount of 180 lakh was allotted during the 4 year period.

* **Housing scheme for fishermen (CSS- 50:50)**

**The unit cost is Rs.70000/house, out of which Govt. of Telangana extends subsidy support of Rs. 20,500, Loan amount is Rs. 47500 and beneficiary contribution is Rs. 2000. Under the scheme, the Govt. of India is providing subsidy of Rs. 20000. The scheme is converged later with the housing program under INDIRAMMA AWAS. The State Share is being met from the Budget Provisions of the Housing Department**.

* **Maintenance of Relief Boats**

**The flat bottomed Fiber glass boats fixed with out-board motors located at designated places to be used in cases of Natural Calamities for evacuation and relief arrangements etc. was supported under the program. The amount will be utilized for providing required equipment and maintenance etc.**

* **e-Governance**

In support for adoption of e-Governance Technology in the department for providing services in a convenient, efficient and transparent manner in Fisheries department budgetary provision has been made.

Though the GOTS has provided sizeable funds for each of the segments and activity under fisheries sector, the actual achievements under these schemes need to be studied to assess the impact of the schemes on fisheries sector activities, enhanced income and employment generation to fishermen and vulnerable sections among them, productivity increase in water bodies and such other measurable benefits.