

Terms of Reference (TOR)

For

**Impact study of the project
of**

**“Jatka Conservation, Alternate Income Generation for the Jatka Fishers
and Research Project”**



**Monitoring & Evaluation Sector-6
(Education and Social Sector)
Implementation Monitoring and Evaluation Division
Ministry of Planning**

**Terms of Reference (ToR)
for
Impact study**

1.	Name of the Project	:	“Jatka Conservation, Alternate Income Generation for the Jatka Fishers and Research Project (Component-A & B)
2.	Sponsoring Ministry/ Division	:	Ministry of Fisheries and Livestock (MoFL)
3.	Executing Agency	:	Department of Fisheries (DoF) and Bangladesh Fisheries Research Institute (BFRI)
4.	Location of the Project	:	<u>22 District 102 upazilas</u> Dhaka, Manikganj, Munsiganj, Shariatpur, Madaripur, Faridpur, Rajbari, Narayanganj, Kishoreganj, Chittagong, Cox’sbazar, Feni, Noakhali, Lakshmipur, Chandpur, Barguna, Bhola, Patuakhali, Barisal, Pirojpur, Jhalokathi, Bagerhat.

5. Estimated Cost(In Lakh taka)

Component-A	:	Original	Revised
a) Total	:	Tk. 1882.93	Tk. 4095.80
b) GOB	:	Tk. 1882.93	Tk. 4095.80
c) Project Aid	:	--	--

Component-B	:	Original	Revised
a) Total	:	Tk. 406.00	Tk. 492.20
b) GOB	:	Tk. 406.00	Tk. 492.20
c) Project Aid	:	--	--

6. Implementation Period	Date of Commencement	Date of Completion
a) Original	July, 2008	June, 2013
b) Revised	July, 2008	June, 2015

- 7. Background of the Project:** Hilsa has a lot of economic importance. It is the largest single valuable fishery in Bangladesh. In the year 2013-14, about 11% of the country’s total fish production comes from Hilsa. The hilsa fishery is operated by small scale, low technology artisanal fishermen. An estimated 0.45 million people are engaged in hilsa and jatka fishing. About 2.7% of the country’s populations are directly or indirectly involved in hilsa fishery for their livelihoods. This fishery is characterized by the common property conditions where the available resources are exploited by a large number of fishermen. Nationally, the artisanal hilsa fishery is the most important sector as it lands almost all the marine catch and support the majority of fishermen. From management point of view; it is the most difficult sector to manage since fishermen are spread out all along the shores, entry into the fishery is free, and normally fishing tends to be their main source of income and employment in the coastal fishing communities.

In this situation Bangladesh fisheries authority DoF has taken several measures for conservation and management of hilsa fishery in Bangladesh. There was an study



undertaken by Aquatic Resource Development, Management and Conservation Studies (ARDMCS) of the GEF component, Fourth Fisheries Project (FFP) supported by Global Environment Facility (GEF) in 2001. The main objective of this study is to develop a Hilsa Fisheries Management Action Plan and Assessment the Potential Impacts of Implementation of HFMAP. The study revealed that an estimated 45% increase of hilsa landing in four major landing centers. From the above study it is evident that effective enforcement measures during the peak breeding period of hilsa and for jatka protection can contribute significantly to increase hilsa production and also enhance bio diversity. Based on the above findings, this particular project has been designed.

8. Objectives of the Project (Component-A):

- i) To increase Hilsa production by saving Jatka (juvenile Hilsa) and brood Hilsa.
- ii) Support to strengthen and enhance Hilsa Sanctuary activities.
- iii) Bring down the intensity of Jatka fishing pressure within the Sanctuary area at stipulated period.
- iv) To create alternate job opportunities for the Jatka/Hilsa fishers there after improving their Socio-Economic Condition.
- v) To create mass awareness for the conservation of Jatka and brood Hilsa.

Objectives of the Project (Component-B):

- i) To conduct broad based research on biology and environment aspects of hilsa fisheries both in the riverine and coastal ecosystems.
- ii) Procurement of a medium sized research vessel to carry out research in the riverine and coastal area.
- iii) Modernization of research facilities at Riverine Station, Chandpur.
- iv) Capacity building and skill development of scientists and supporting manpower of BFRI in hilsa research.
- v) To observe the socio-economic impact of alternative income generation of jatka fishers.

9. Main Components of the Project:

- Alternative livelihood activities for Jatka Fishers-32000 nos.
- Speed boat/mechanized boat/country boat hire.
- Purchase Fast moving operational Boat (FRP)-10 nos.
- Purchase Furniture & Fixture
- Procurement of Vessel, double chamber pick-up.
- Fishers training on AIGA's-11734 nos.
- Fish protection and conservation activities, law enforcement for project & field level office
- Fish protection and conservation activities, law enforcement for NAVY, Coast Guard and other implementation agencies.

10. Objectives of the Impact Study:

- 1) To review & present project related information (Background, Objectives, Status of project Approval/Revision, mode of financing & other relevant issues etc.);
- 2) To collect, review, analyze and present with graphical/tabular form of data in regards to overall progress & component wise implementation progress (physical and financial) of the project;
- 3) To assess the attainment level of the project purpose.

- 4) To examine whether the provisions of PPA 2006 and PPR 2008 were followed properly in the procurement process (Invitation of tender, evaluation of tender, approval procedures, contract awards etc) of the packages (goods, works and services) & to analyze these procurement related functions based on predetermined indicators.
- 5) To examine and review the status of goods/works/services procured and its proper maintenance with necessary/appropriate manpower & other related issues under the project;
- 6) To examine and review the specification/BOQ/TOR, quality & quantity as mentioned in the tender documents monitored/examined properly in procuring goods/works/services under the project & to review the targets and actual progress against the approved APP (Annual Procurement Plan);
- 7) To monitor whether implementation of the project or any of the components has been delayed in terms of financing, procuring goods, managerial inefficiency, which causes to increase of project cost or implementation period and identify /analyze the reason/s responsible for the delay;
- 8) To conduct survey over the Beneficiaries/Stakeholders of the project & analyze their opinions included in the study;
- 9) To identify the strengths, weaknesses with respect to design and concept of the project and other related aspects of project activities.
- 10) To suggest regarding the sustainability increase Hilsa production by saving Jatka (juvenile Hilsa) and brood Hilsa under the project;
- 11) To investigate the strength and weakness and opportunities of the Project, assess the service delivery/approach of the field officer to the project;
- 12) To assess and review Field level Programme support for sustainable Social norm changes and practices;
- 13) To assess the institutional capacity building of fish cultivation of MoFL and other relevant agencies (Department of Fisheries, Bangladesh Fisheries Research Institute, Bangladesh Fisheries Development Corporation and District & Upazila Level Fisheries Offices);
- 14) To make specific recommendations based on the findings of the study; and
- 15) To accomplish other relevant/related tasks assigned by the Authority within the contract period.

11. Experience required for manpower of consulting firm:

No.	Type of professionals	Educational qualification	Experience required
1.	Consulting Firm	-	At least 3 (Three) years working Experience in relevant field.
2.	Professionals of Consulting Firm:		
a)	Team Leader	Master degree in Fisheries/ Social Science from any recognized University.	<ul style="list-style-type: none"> • At least 10 (Ten) years working experience in relevant field. • Experience in at least 1 (one) monitoring and evaluation studies. More experiences will be given preference.
b)	Socio-Economist	At least Master Degree in any discipline of Social Science Faculty from any recognized University.	<ul style="list-style-type: none"> • At least 5 (Five) years' working experience in relevant field. • At least 3 (Three) years working experience in monitoring and evaluation
c)	Statistician	At least Master Degree in Statistics from any recognized University.	At least 5 (five) years working experience in conducting research/survey, data management activities & analysis.

d)	Specialist	M.Sc. Degree in Fisheries	At least 5 (five) years experience in related field or monitoring and evaluation of development project.
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12. List of reports, Schedule of Deliveries, Period of Performance:

No.	List of reports & no.	Schedule of Deliveries
1.	Inception report (Technical 20+Steering 20) Copies	Within 15 Days from the date of contract Signing
2.	1 st Draft report (Technical 20+Steering 20) Copies	Within 60 Days from the date of contract Signing
3.	2 nd Draft report (Technical 20+Steering 20) Copies & (in Workshop 130 Copies)	Within 80 Days from the date of contract Signing
4.	Final report (Bangla 40+English 20) Copies	Within 100 Days from the date of contract Signing

- All reports will be submitted to the Director General, Monitoring and Evaluation Sector-6 (Education and Social), IMED. Font of Reports should be Unicode Based Font. Printing cost will be borne by the consultant.

13. Data, Personnel, Facilities and Local Services to be Provided by the Client:

The client will provide the following project related documents; if available;

- Project DPP/RDPP;
- Manual of Fish production, fish diseases, aquaculture and other documents;
- Project Completion Report (PCR);
- CPTU Guideline/ Indicators.

Nasima
9/11/2017

Nasima Mohsin
Director General
(Joint Secretary)
Implementation Monitoring & Evaluation Division
Ministry of Planning
Government of the People's Republic of Bangladesh