

Ref.No.TNSWA2/82/2023

O/o the Additional Principal Chief Conservator
of Forests and Member Secretary,
Tamil Nadu State Wetland Authority,
Panagal Maaligai, Saidapet, Chennai – 15.

Dated: 21.04.2023

CALLING FOR THE EXPRESSION OF INTEREST

Under the “Tamil Nadu Wetlands Mission”, the collection of data on hydrological and edaphic factors profiling including the sediments stored in the wetland is proposed to be conducted for baseline studies of the ecological, hydrological and biodiversity characters including the soil / sediment carbon, methane and nitrous oxide of 14 Ramsar sites i.e. wetlands of international importance in the State of Tamil Nadu (13 newly designated during the year 2022 and one designated during the year 2002).

The Expression of Interest is invited from the experienced Institutions / Organizations for taking up the following works.

- 1. Conducting the baseline studies of 14 Ramsar sites for further monitoring of the hydrological, edaphic and biodiversity parameters..***

Interested Institutions / Organizations having experience in conducting studies regarding ecological, hydrological, edaphic and biodiversity parameters of wetlands may offer their proposal within 14 days along with the proper methodology and the work plan. The detailed proposal with technical details may be sent on or before **08.05.2023**.

The proposals shall be examined and the lowest quote shall be accepted for conducting the baseline studies after the approval of the Additional Principal Chief Conservator of Forests and Member Secretary, Tamil Nadu State Wetland Authority, ex-officio Mission Director, Tamil Nadu Wetlands Mission.

(a) PROJECT AREA:

The project area covers the Ramsar sites in the State of Tamil Nadu. The list of Ramsar sites in Tamil Nadu along with the extent of area in hectare may be seen on the Tamil Nadu Forest Department website & Tamil Nadu State Wetland Authority website.

(b) PARAMETERS:

In addition to the details to be prepared in the prescribed format (please refer the Tamil Nadu Forest Department website & Tamil Nadu State Wetland Authority website), the following parameters are also to be collected for the preparation of the baseline report for the 14 Ramsar sites. While preparing the baseline report, the accuracy should be pursued as far as possible and hypothetical approach should be avoided in the preparation of the baseline report.

Hydrological Parameters	Edaphic Parameters	Sediment Parameters	Biodiversity Parameters
a) Colour b) Odour c) Salinity d) Water turbidity e) Nutrients in Water f) Whether Eutrophic, Mesotrophic or Oligotrophic g) Dissolved Oxygen (DO) h) Biological Oxygen Demand (BOD) i) Chemical Oxygen Demand (COD) j) TDS k) TSS l) Turbidity m) EC	a) Soil Type b) Soil Nutrients c) Heavy Metal content d) Drainage (good or poorly drained) e) Soil Carbon (C) f) Soil Methane (CH ₄) g) Soil Nitrous Oxide (N ₂ O)	a) Sediment Carbon (C) b) Sediment Methane (CH ₄) c) Sediment Nitrous Oxide (N ₂ O) d) Sediment Nutrients e) Sediment Heavy Metal Content	a) Checklist of Biodiversity b) Extend and impact of invasive species c) Eradication plan for invasive species d) Fish gut analysis e) Biomass collection and traditional collection practices (livelihood)

(c) OUTCOMES

The overall outcome expected from the baseline data report shall be as follows:

(i) Ecological, hydrological, edaphic and biodiversity profile of the 14 Ramsar sites for estimating the periodic change in these parameters as a part of the State Wetland

Monitoring System (SWMS), following the relevant provision of the Wetland (Conservation and Management) Rules, 2017.

2. BID EVALUATION

The EOI will be evaluated and the lowest bidder will be selected for the Preparation of the baseline data report for 14 Ramsar sites. The selected bidder shall execute an agreement with the Member Secretary, Tamil Nadu State Wetland Authority before initiation of the work.

3. TIME SCALE

The collection and analysis of data and submission of baseline study report regarding ecological, hydrological, edaphic and biodiversity parameters should be done within a period of 2 months from the date of issue of the work order.

4. SUBMISSION OF EOI

The EOI for *Preparation of baseline study report for 14 Ramsar sites under Tamil Nadu Wetlands Mission* should reach in the address given below on or before 8 May, 2023 before 5 p.m. Details of this Expression of Interest are available in Website www.tnswa.org

**Additional Principal Chief Conservator of Forests and Member Secretary,
Tamil Nadu State Wetland Authority and Ex-officio Mission Director**

Tamil Nadu Wetlands Mission

8th Floor, Panagal Maaligai,

Saidapet, Chennai – 15.

The EOI should contain brief details of the Institutions / Organizations having experience in conducting the baseline studies with respect to ecological, hydrological, edaphic and biodiversity of the wetland / water bodies or related activities in the past .


Additional Principal Chief Conservator of Forests
and Member Secretary
Tamil Nadu State Wetland Authority


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Chennai – 15.

Dated: 02.05.2023

**CORRIGENDUM FOR THE EXPRESSION OF INTEREST FOR
CONDUCTING THE BASELINE STUDIES OF 14 RAMSAR SITES**

1. The project duration for conducting the baseline studies of 14 Ramsar sites for further monitoring of the hydrological, edaphic and biodiversity parameters is 3 months from the date of issuance of work order.
2. The cost of the proposal shall include the documentation of the project report with all relevant pictures.
3. Other than the above, all other terms and conditions of the EOI remains unchanged.


Additional Principal Chief Conservator of Forests
and Member Secretary
Tamil Nadu State Wetland Authority


02/05/2023


2/5/23