



தமிழ்நாடு மாநில ஈரநில ஆணையம்
TAMIL NADU STATE WETLAND AUTHORITY



Ref.No.TNSWA2/58/2026

O/o the Principal Chief Conservator of
Forests and Member Secretary,
Tamil Nadu State Wetland Authority,
No.1, Jeenis Road, Panagal Building,
Saidapet, Chennai - 600 015.

Dated: 04-02-2026

REQUEST FOR EXPRESSION OF INTEREST

As part of the implementation of Tamil Nadu Wetlands Mission, the request for Expression of Interest is invited from the interested Institutions / Research Organizations / Agencies / Firms for taking up work of **“Study on Comparison of Earthen Bunds and Cement / Rock-fill Bunds in Tamil Nadu”** with the following objectives;

- To conduct a comparative assessment of flora and fauna diversity associated with earthen bunds versus cement / rock-fill bunds to understand their role as habitats.
- To evaluate the impact of earthen bunds versus cement / rock-fill bunds on wetland health, focusing on water quality, soil interaction, and micro-climatic conditions.
- To analyze the variations in wetland utilization, specifically irrigation, fishing, and other livelihood practices, between wetlands managed with earthen bunds and cement / rock-fill bunds.
- To prepare Standard Operating Procedures (SOPs) for lake bund restoration.

Expression of Interest is available on the web portal of Tamil Nadu State Wetland Authority (<https://tnswa.tn.gov.in/>) and the web portal of Tamil Nadu Forest Department (<https://www.forests.tn.gov.in/>).

Under the “Tamil Nadu Wetlands Mission”, Expression of Interest is invited for **“Study on Comparison of Earthen Bunds and Cement / Rock-fill Bunds in Tamil Nadu”**

Therefore, interested experienced Institutions / Research Organizations / Agencies / Firms may offer their detailed proposal along with methodology and work plan on or before 18 February 2026, before 5 p.m.

The proposals shall be examined and the outcome shall be intimated to the selected Institution / Research organization / Agency / Firm, after the approval of the Principal Chief Conservator of Forests and Member Secretary, Tamil Nadu

State Wetland Authority.

a. Project Area:

A minimum of 5 wetlands from each wetland categories (wetlands with Earthen Bunds and Cement / Rock-fill Bunds), located in similar landscapes in Tamil Nadu.

b. Scope of Work:

As part of the strategic initiatives to safeguard the ecological integrity of wetlands, a detailed study is proposed to conduct a comparative assessment of flora and fauna diversity associated with earthen bunds versus cement / rock-fill bunds. This study aims to evaluate their respective roles as habitats and determine their impact on overall wetland health, specifically focusing on critical parameters such as water quality, soil interaction, and the regulation of micro-climatic conditions.

The scope includes a thorough analysis of variations in wetland utilization ranging from community livelihood activities and irrigation efficiency to biodiversity support. Furthermore, the study will involve the formulation of Standard Operating Procedures (SOPs) for lake bund restoration. This effort will culminate in the development of policy recommendations and a prioritized restoration framework, ensuring that future infrastructure interventions are in harmony with the principles of wetland conservation and the sustainable management of natural resources.

c. Expected Outcomes:

- A comprehensive checklist of flora and fauna diversity associated with earthen bunds and cement / rock-fill bunds, highlighting species richness and abundance.
- A comprehensive evaluation of the hydrological impacts of earthen versus cement / rock-fill bunds, with a specific focus on nutrient retention and filtration efficiency, and microclimatic variations.
- Readily implementable SOPs for lake bund restoration, ensuring structural stability, ecological sustainability, and community safety.
- Documentation of livelihood support provided by the wetlands.

d. Duration of Work:

The entire work of “**Study on Comparison of Earthen Bunds and Cement / Rock-fill Bunds in Tamil Nadu**” should be completed and the final report should

be submitted for the approval of the Office of the Principal Chief Conservator of Forests and Member Secretary, Tamil Nadu State Wetland Authority within 45 days from the date of issue of Work Order.

e. General instruction for EOI:

- The consultancy Institution / Research organization / Agency / Firm is expected to have experience in wetland ecology and biodiversity-related studies.
- This Office has the right to call for clarification / original copies of the supporting documents for verification, as deemed fit, and also to cross-check for any details as furnished by Institutions / Research Organizations / Agencies / Firms. Institutions / Research organizations / Agencies / Firms shall have no objection whatsoever in this regard.
- Attached is the prescribed format of qualifying details. Interested Institution / Research Organization / Agency / Firm may use this format & add additional information as part of the annexure, if they need to.
- The offer should contain documentary proof as an experience of the organization's experience in the study of wetland ecology.
- Applications without required information or enclosures are liable to be rejected.
- This Office reserves the right to accept any or reject all the EOIs at its sole discretion without assigning any reason thereof.

f. Estimated Cost:

The Cost of the above-mentioned work, i.e. **“Study on Comparison of Earthen Bunds and Cement / Rock-fill Bunds in Tamil Nadu”** under the Tamil Nadu Wetlands Mission should not be above Rs 20,00,000/- (Rupees twenty lakhs only) (inclusive of GST).

g. Evaluation of EOI:

The selection process will be based on the evaluation of the Technical and Financial Bid. The technical bid and financial bid shall be given a weightage of 70% and 30% percentage respectively. The technical bid will be evaluated based on the following parameters:

- i. Bidder credentials (20 points)
- ii. Project experience (20 points)
- iii. Methodology (40 points)
- iv. Capability (20 points)

Expressions of Interest received are evaluated as per the tender evaluation methodology, i.e. Quality Cost Base System (QCBS), by using the following formula:

$$B = \frac{C_{low}}{C} X + \frac{T}{T_{high}} (1-X)$$

- i. C - Evaluated Bid Price (Financial proposal of the bidder under consideration)
- ii. C_{low} - the lowest of all Evaluated Bid Price among responsive Bids
- iii. T - the total Technical Score awarded to the Bid
- iv. T_{high} - the Technical Score achieved by the Bid that was scored best among all Responsive Bid
- v. X - The financial bid shall be given 30% weightage as mentioned in the EOI

h. Submission of EOI

The Expression of Interest (EOI) for “**Study on Comparison of Earthen Bunds and Cement / Rock-fill Bunds in Tamil Nadu**” under the Tamil Nadu Wetlands Mission invited from the interested Institutions / Research Organizations / Agencies / Firms should reach in the address given below on or before 18 February, 2026 before 5 p.m. **The EOI should contain brief details of the Institutions / Research organizations / Agencies / Firms, profile including previous projects undertaken by them.**

**Principal Chief Conservator of Forests and Member Secretary,
Tamil Nadu State Wetland Authority,
Panagal Maaligai, Saidapet, Chennai – 15.**

Digitally signed by
Srinivas R Reddy
Date: 04-02-2026
08:24:42

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

QUALIFYING FORMAT

(To be submitted on the letterhead of Prospective Bidder)

Date:

To

The Principal Chief Conservator of Forests (HoFF)
and Member Secretary,
Tamil Nadu State Wetland Authority (FAC),
No.1, Jeenis Road, Panagal Maaligai,
Saidapet, Chennai – 600 015.
Tamil Nadu, India.

Dear Sir,

Sub: Wetlands – Tamil Nadu Wetlands Mission - Invitation for Expression of Interest from Institutions / Research organizations / Agencies / Firms for taking up work of **“Study on Comparison of Earthen Bunds and Cement/Rock-fill Bunds in Tamil Nadu”** under the Tamil Nadu Wetlands Mission - Regarding

With reference to the above advertisement, we hereby submit this “Expression of Interest (EOI)” to undertake the work of **“Study on Comparison of Earthen Bunds and Cement/Rock-fill Bunds in Tamil Nadu”** either individually or as a consortium.

We undertake that this is an initial Expression of Interest (EOI) on our part, and mere submission of this EOI does not entitle us to receive any documents or be invited to bid for this project.

Name and details of the Applicant and its representative authorized to file this Expression of Interest (EOI)	
Full Name	
Designation	
Name of Organization	
Address	
Phone	

Fax	
Mobile	
Email	
Website	
Technical Competence along with the credentials of the Institution / Research organization / Agency / Firm	

Work done in the context of conservation activities: *

Note : * The offer should contain the documentary proof as an experience of the Organization about the preparation of Reports related to assessment of wetlands/waterbodies / Environment related issues, and give more details which the Institution / Research organization / Agency / Firm feels necessary to justify the profile.

I / We declare that the information stated here in above is accurate.

Signature :

Full Name :

Designation :

Financial Bid :

Organization :

Address :