

GOVERNMENT OF KERALA

WATER RESOURCES DEPARTMENT

Irrigation Division, Malampuzha

NOTICE INVITING REQUEST FOR PROPOSAL (RFP)

RFP No: 01/EE/2023-24 dated 24/04/2023(second)

Irrigation Division, Malampuzha under Water Resources Department, Government of Kerala is inviting Request for Proposal from Structural Consultants/ Firms registered under, Indian Association of Structural Engineers, to provide consultancy services for structural design of Intake Bridge **Name of work—Construction of Intake Bridge in Mangalam Dam.** Interested applicants may visit the website www.irrigation-kerala.org for further details. The applicants shall submit an earnest money deposit of **Rs. 50000** - as **Demand Draft in favour of Executive Engineer, Irrigation Division, Malampuzha.** Duly filled in application along with the EMD shall reach the address of Executive Engineer in a cover given below **on or before 5 PM on 08/05/2023**

Executive Engineer, Irrigation Division, Malampuzha - 678651

For and on Behalf of the Governor of Kerala

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Irrigation Division,
Malampuzha - 678651

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Request for Proposal (RFP)
for
Engagement of Structural Consultant

The objective of seeking Request for Proposal is to Engage Structural Consultant/ Firms Registered Under, Indian Association of Structural Engineers, to provide consultancy services for structural design for the works as appended below;

1. Name of work - **Construction of Intake Bridge in Mangalam Dam**

The scope of work for the consultant is to prepare the structural design and drawings of the above mentioned work as per relevant IS Codes and Standards.

The duly filled up application in prescribed format for engagement of structural consultant for the design and preparation of structural drawings should reach the office of the undersigned with the proposal in a cover on or before **5 PM on 08/05/2023**. The applicants shall also submit an earnest money deposit of **Rs.50000 as DD in favour of Executive Engineer, Irrigation Division, Malampuzha**.



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Date: 24/04/2023

INSTRUCTIONS TO THE STRUCTURAL CONSULTANTS FOR THE DESIGN OF INTAKE BRIDGE AT MANGALAM DAM

1. Back Ground

To design the foundations, substructure and superstructure of an Intake Bridge at Mangalam Dam for Kerala Water Authority with Concrete / Steel / Composite Structure

2. Objective

Objectives are to short list / empanel eligible Structural Engineering consulting firms who have proven experience in the scope of work

3. Scope of work

Name of work: -Construction of Intake Bridge in Mangalam Dam

Scope of works

- Preparation of Site specific structural design drawings and calculations of the Sub Structure, Super Structure, as per relevant IS Codes and specifications in Concrete/ Steel/ Composite Structure , providing Technical support required for any proof checking, preparation of necessary good for construction structural drawings and estimates . Detailed Soil Survey details of the site shall be provided. Concurrence from Kerala Water Authority and Irrigation Design and Research Board would be required for design finalisation.

4. Time of completion and dead line for submission of drawings

- Completion of Design, Drawings and Estimates – **21 days from the date of agreement for each work.**

5. List of Deliverables

Sl No	Deliverables
1	Design basis report conveying the structural system, materials used, loads considered, analysis methodology, design philosophy and standards followed
2	Soft copy of the structural drawings and calculations (PDF and CAD)
3	Three sets of hard copies of the good for construction structural drawings and One Set of Design calculations
4	Technical support at site at various stages of work
5	Rough Cost Estimate of the proposed design
6	Construction Methodology

6. Instruction to the Applicants before filling up of Application form

- 1) As the time is the essence of the Contract Agreement, the ability and competence of the applicants to render required services within the specified time frame will be the major factor while deciding the selection of the consultant / firm.
- 2) Eligibility criteria of structural consultancy firms
 - The organization with minimum 12 yrs experience in the relevant field of Design and has completed at least 3 nos. of similar bridge designs in the past.
 - Should have structural engineers; at least 2 no's roll; with chartered membership in Indian Association of Structural Engineers. Engineers shall have atleast a degree of MTech (Structures) and 12 years of experience in the field of Design.
 - Should have past experience in associating with Kerala Water Resources Department / Public Works Department of Kerala / CPWD / Railways / Similar State/ Central Government organisations / Public Sector / Navratna/ Maharatna Companies on **design of Steel / Concrete / Composite Structures**

(Supporting documents must be furnished along with soft copy of already executed work).
- 3) The application shall be signed by the person(s) on behalf of the organization having necessary authorization/ power of attorney to do so. Each page of application shall be signed (copy of Power of Attorney / Memorandum of Association shall be furnished along with the application and Original should be produced subsequently for verification and return).
- 4) Intending applicants are required to submit their full Bio-Data in duplicate giving details about their organization, experience, technical personal in their organization, proven competence to handle major works, in house computer aided facilities etc. in the enclosed Proforma.
- 5) The application must be accompanied with registration certificate under Indian Association of Structural Engineers, PAN card with IT return for last 3 years, service tax / GST registration.
- 6) Both the forms of applications (original and duplicate copy) shall contain copies of all the enclosures separately.
- 7) If the space in the Proforma is insufficient for furnishing full details, such information may be supplemented on separate sheet stating therein the name of the Proforma and serial number. Separate sheets shall be used for each part of the application. Separate sheets must be duly signed and sealed.
- 8) While filling up the application with regard to the list of important projects completed or in hand, the applicants shall include separate sheet in the prescribed format for the services to be rendered by the consulting firm.
- 9) **Site visits may be conducted by the Firm as per requirement for Design.**
- 10) The total consultancy fee and schedule of payment shall be duly filled up as per Annexure IV. The consultancy fee shall be inclusive of service tax and any other taxes as applicable. Deduction of income tax etc. will be made at source at the time of making payment. The technical details including plan of work and financial details as per Annexure IV shall be submitted in separate sealed covers.

- 11) The tender can be downloaded from the department website www.irrigation-kerala.org
- 12) The tender shall be valid for a period of **30 days** from the date of opening. In case the tender opening date happens to be declared as a holiday, the tenders shall be received and opened on the next working day without any change in timing.
- 13) In case same percentage of fee/amount is quoted by 2 or more bidders, work will be awarded to the agency who has executed contracts of higher values of the similar work based on the certificate of experience submitted along with tender documents.
- 14) The tender should be addressed to **Executive Engineer, Irrigation Division, Malampuzha on or before 5 PM on 08/05/2023.**
- 15) The applicants shall also submit an earnest money deposit of **Rs. 50000** as **Demand Draft in favour of Executive Engineer, Irrigation Division, Malampuzha.**



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Request for Proposal for Engagement of Structural Consultant

APPLICATION FORM

1. Name :
2. Address:
3. Details of Registration:
4. Total experience in years with Details of Qualification:
 - (a) Firm :
 - (b) Structural Engineers :
5. Whether a partnership firm:
6. If so, give details of each partner:
7. Whether each partner had registered under the Indian Association of Structural Engineers:
8. Whether details in Annexure I enclosed:
9. Whether details in Annexure II enclosed:
10. Whether details in Annexure III enclosed:
11. Whether details in Annexure IV enclosed:
12. Whether EMD enclosed:
13. If so, provide details of EMD:

Signature with seal of consultant/ Firm

ANNEXURE-I

Details of the qualifying **works executed** (please mention only such works which qualifies for the category/ class for which you have applied)

Sl No	Name of work	Work executed for (name of the Organization with address, concerned office & telephone no.)	Nature of work (in brief)	Location of the work	Actual value of the work	Stipulated time for completion	Actual time for completion	If work left incomplete or terminated (furnish reasons)
1								
2								
3								
4								
5								
6								
7								

Sl No	Name of the official	Organization	Address	Contact numbers
1				
2				
3				

Signature with seal of consultant/ Firm

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ANNEXURE-II

Details of the major **works in hand** (please mention only such works which qualifies for the category/ class for which you have applied)

Sl No	Name of work	Work executed for (name of the Organization with address, concerned office & telephone no.)	Nature of work (in brief)	Location of the work	Actual value of the work	Stipulated time for completion	Remarks if Any
1							
2							
3							
4							
5							

Furnish the names of three responsible clients/ persons to whom the major works carried out by the applicant with address and telephone number who will be in a position to clarify about the quality as well as past performance of your organization.

Sl no	Name of the official	Organization	Address	Contact numbers
1				
2				
3				

Signature with seal of consultant/ Firm

ANNEXURE-III

Registration/ Empanelled with government/ Public Sector / Institution

Sl. No.	Name of the organization	Nature of works
1		
2		
3		
4		
5		

Signature with seal of consultant/Firm

ANNEXURE-IV

ANNEXURE-III

Consultancy fee and schedule of payment

a. Consultancy fee for each work mentioned

Sl No	Name of the organization	Rate
1		
2		
3		
4		

(Rate should be quoted both in figure and words)

b. Schedule of payment.

Sl no	Description	% payment
1 st payment		
2 nd payment		
Final payment		

Signature with seal of consultant/ Firm

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Other terms and conditions, if any

Signature with seal of consultant/ Firm

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