REQUEST FOR EXPRESSIONS OF INTEREST

SELECTION OF CONSULTANTS BY IRRIGATION AND WATER RESOURCES DEPARTMENT, GOVERNMENT OF MIZORAM

Loan No.: **8725-IN**

**CONSULTING SERVICES FOR PLANNING, DESIGN AND CONSTRUCTION SUPERVISION OF SOUTHERN DIVISIONAL CENTRE AT LUNGLEI, MIZORAM**

**Reference No**. 128 (as per procurement plan)

1. The Ministry of Water Resources, RD&GR, Government of India has received fund from the World Bank toward the cost of the National Hydrology Project (NHP) and intends to apply part of the proceeds for consulting services.
2. Irrigation and Water Resources Department is the Implementing Agency for National Hydrology Project (NHP) in Mizoram. The project is a 100% grant under Central Sector Scheme.
3. The consulting services for Planning, Architectural and Structural design and Estimate of Southern Divisional Centre under National Hydrology Project will broadly involve:
4. Soil investigation and testing at the site.
5. Preparation of architectural plan and structural design including internal electrification, water supply and sanitation for the Southern Divisional Centre at Lunglei, Mizoram.
6. Preparation of all drawings including architectural plans, elevation, sections, working drawings, structural drawings, electrification, IT cabling, fire fighting and fire exit, water supply and sanitary drawings.
7. Planning and Design should be as per latest IS codes for Building Materials & Construction
8. Preparation of detailed specification, bill of quantities and estimate as per latest Mizoram P.W.D. Schedule of Rates for Buildings.
9. Supervise the construction and assist the designated site engineer during the construction.
10. Indicative Terms of Reference is attached with this EOI.
11. Irrigation and Water Resources Department, Government of Mizoram now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information (to be supported with relevant documents) demonstrating that they have the required qualifications and relevant experience to perform the Services. The formats are attached to this REOI.
12. The short listing criteria are:

(i) The firm should have been in consulting business of rendering the services for architectural design and supervision for the last 5 years.

(ii) The consultant shall be financially sound with an average annual turnover of more than INR 15.00 Lakhs during the previous 5 (five) years.

(iii) The Consultant should have successfully completed at least two consultancy services for similar projects of comparable magnitude in Mizoram within the last seven years. Consultants having experience in designing of Data Centre will be given preference.

(iv) The Consultant shall be capable of providing all necessary professional, technical, and expert services such as Architect/ Geotechnical Engineer/Civil Engineers/Structural engineer/Electrical engineer, specialists with suitable domain knowledge and capacity for the implementation of such projects required to complete all the elements of the Scope of Work.

(v) The Consultant having local experience and knowledge of local language will be preferable.

7. Conditions:

1. The consultant shall be an Indian Firm/Company.
2. The consultant and its affiliates shall not be allowed to participate in tender(s) to be called for construction of the project for which they would be providing the consultancy services.
3. The consultant should not have been black listed by any Government entity.
4. A consultant will be selected in accordance with the CQS (Selection based on Consultant’s Qualification) procedures set out in World Bank’s [Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers](http://www.worldbank.org/html/opr/consult/contents.html) [January 2011 revised July 2014] (“Consultant Guidelines”)

(http://www.worldbank.org/html/opr/consult/contents.html)

9. The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank’s Guidelines as mentioned at Para 8 above setting forth the World Bank’s policy on conflict of interest.

10. Further information can be obtained at the address below from 10:00 hrs to 15:00 hrs (IST) on working days.

11 Expressions of interest must be delivered in a written form to the address below (in person, or by mail) by 15:00 hours upto 15th November, 2017.

12. Consultant may associate with other firms to enhance the qualification. [The association may take the form of a joint venture (with joint and several liability) or of a sub consultancy]

**Address:**

Lalrotluanga,

Chief Engineer

Office of the Chief Engineer,

Irrigation & Water Resources Department

Government of Mizoram

New Secretariat Complex, Khatla.

Aizawl – 796001, Mizoram, India

Tel: 0389 2335280

Mobile: +919436154117

Sd/-

(LALROTLUANGA)

Chief Engineer & Nodal Officer, NHP

Irrigation & Water Resources Dept.

Mizoram, Aizawl.

**TERMS of REFERENCE (TOR)**

**FOR**

# Consultancy Services for Planning, Design and Construction Supervision of Southern Divisional Centre at Lunglei, Mizoram

1. **Background:** National Hydrology Project aims at improving the extent, quality and accessibility of water resources information and to strengthen the capacity of targeted water resources management institutions in India. This will go a long way in achieving proper planning, development and management of water resources as well as flood forecasting and reservoir operation in real time.
2. **Objective of the Consultancy:** The primary objective of this consultancy is to get the best design for construction of a state of the art building for the Southern Divisional Centre. The proposed Southern Divisional Centre located at Lunglei will serve as a centre for all activities of NHP for the southern part of Mizoram. Since the centre will also serve as a divisional office of the department, all four sub-divisions under Lunglei Division namely Lunglei, Chawngte, Lawngtlai and Saiha Sub-Divisions will also be administered from this centre. It will also provide infrastructural facilities for all officers and staff and the staff detailed to carry out activities such as survey, manual reading of RG, maintenance of AWS, gauging stations etc will be deployed from this centre. Provisions for space for experts and consultants will also be provided while carrying out several studies proposed under NHP that are within the southern zone. Trainings, seminars and workshops will also be conducted in this centre for officers, staff, NGOs and community that are involved in NHP.
3. **Scope of Services:** The consultancy service is intended to provide architectural plans, elevation, sections, working drawings, structural drawings, electrification, IT cabling, fire fighting and fire exit, water supply and sanitary drawings for the building where the total allocated budget for construction is INR 2.50 çrores. The design should be as per the latest IS Code for Building Materials & Construction. Mizoram is in seismic zone V (as per IS code 1893:2002). The electrical as well as sanitary provisions should also be as per BIS standards and should also take into account the aesthetic of the building. The proposed centre will be designed such as to meet all objectives as described above. The firm would have to make necessary corrections/modifications in the design and drawings as per instructions of the department before the same is finally accepted.
4. **Tasks (Components) and Expected Deliverables**

Plot Area : **482.28 sqm** (Approximately)

|  |  |  |
| --- | --- | --- |
|  |  | **Deliverables** |
| **Stage I** | **Preliminary Design (2 Weeks)**   1. Understand employer’s need and prepare basic concept design confirming to applicable building codes and by laws. 2. Prepare a preliminary cost estimates and broad specifications of proposed works. | 1. Site layout plan 2. Soil test report |
| **Stage II** | **Consultation Stage :- (3 Weeks)**   1. Prepare set of documents that may be required for statutory/regulatory approval and assist the Employer in obtaining the approvals. 2. Make required changes in the designs, if advised by approving authority, in consultation with the employer, and prepare revised submission documents. | * 1. Layout plan of the building   2. Intermediate status report. |
| **Stage III** | **Design Stage :- (5 Weeks**)   1. Prepare final DPR that includes detailed architectural drawings for the interiors including for all services internal and external such as water supply, plumbing, sewage disposal, electrical systems, local network and communication systems, fire fighting, air conditioning, conferencing facility etc. 2. Prepare detailed cost estimates with bill of quantities and specification using the applicable Schedule of Rates and approved market rates as the case may be. 3. Advise on procurement packages and prepare separate bill of quantities with necessary details for all proposed supply/construction contracts. 4. Prepare a small model of interiors for the purpose of discussion and decisions. | 1. Submission of Draft DPR which will be reviewed and finalised. 2. Submission of Final DPR. |
| **Stage IV** | **Construction Stage (During Construction period - Intermittent)**   1. Prepare good construction/ working drawing and assist the designated engineer in releasing the same to the contractors/suppliers. 2. Perform periodic review of the construction and assist the employer in developing a CPM for monitoring the construction. 3. Advise the employer on the quality of construction, adequacy of manpower, construction scheduling etc. and assist the designated engineer in issuing necessary change orders, etc. |  |

The scope of services could be modified based on mutual agreement between the client and the consultants with a view to better achieve the overall objectives.

1. **Location of the proposed Southern Divisional Centre:**

The proposed **Southern Divisional Centre** is located at Irrigation & Water Resources Department land, Opposite JB Residence, near Lunglei Civil Hospital, Lunglei. The size of the land is approximately 482.28 sqm.

The building is proposed to have G+ 1 floor having each floor area of 482.28 sqm approximately.

1. The tentative list of requirements in the proposed Southern Divisional Centre is as follows:-
2. Parking space
3. Room for Data Centre
4. Small conference room (50 persons)
5. Executive Engineer’s Office:
6. Executive Engineer’s room with separate toilet.
7. SDO (TC) room
8. Room for Establishment section
9. Room for Technical section
10. Room for Accounts section
11. Record Room
12. Sub-Divisional officer, Lunglei Sub-Division Office
13. SDO room with separate toilet
14. Room for Establishment section
15. Room for Technical section
16. Store Room
17. Canteen.
18. Provision for drinking water facility on each floor
19. Separate rest rooms for male and female employees on first floor.
20. Excavation work is required at the site before construction of building.
21. The structure must also be strong enough to support future vertical extension upto G+3 floors.
22. **Duration of consultancy:**

From the date of issue of work order.

Phase 1 - 3(three) months providing fully acceptable Detail Project Report.

Phase 2 - Construction period as stipulated in the contract with the contractor.

|  |  |
| --- | --- |
| **8.Key professionals & Support Staff:** | |
| **Key Professional**s | **Experience** |
|
| **Team leader** & Architect | Bachelor’s degree in Architecture and registered with Architect council of India with at least 10 years of experience of which 8 will be in design and implementation on RCC Buildings |
| Structural Engineer | Master in Structural Engineering from any recognized institution with at least 3 years experience in planning and designing RCC buildings |
| Geotechnical Engineer | M. Tech. in Soil engineering and at least 3 years experience in soil survey and foundation design. |
| **Total** | |

**Support staff:** Surveyor, Electrical Engineer and Civil Engineer. The consultant is advised to build the price to the proposal according based on the required services.

**9. Client’s input and Counterpart Personnel Services, facilities and property to be made available to the Consultant by the Client:**

i) The client will depute a site officer to accompany the consultant to the proposed site for inspection as and when required.

ii) Office room with table and chairs.

**10. Review Committee:** A Review Committeeconstituting the following members will monitor the work of consultant:

1. Er. Lalrotluanga, Chief Engineer, Irrigation & Water Resources Department
2. Er. Beizawzi T. Azyu, Superintending Engineer, Irrigation & Water Resources Department.
3. Er. K.Hamlet, Sr. Executive Engineer, Irrigation & Water Resources Department.

**ANNEXURE**

**The following forms enclosed herewith are to be filled up and submitted along with the Expression of Interest**

|  |  |
| --- | --- |
| **FORM** | **DETAILS** |
| Application | Letter of submission of EOI |
| F-2 | Reference to para 6 (i) & (iii) of REOI |
| F-4 | Reference to Para 8 of Terms of Reference |
| F-5 | Reference to Para 8 of Terms of Reference |
| Appendix-A | Reference to para 6 (ii) of REOI |

**DOCUMENTS**

**FOR**

**SOLICITING EXPRESSION OF INTEREST (EOI)**

APPLICATION

Applicant's Name and Address:

Application Reference: Dated:

Person to be contacted:

Designation:

Telephone No.: Fax:

To

**Subject: Expression of Interest (EoI) for Appointment of Consultant for Providing Architecture Planning, Design and Construction Supervision of Southern Divisional Centre through National Hydrology Project (World Bank funded).**

**Specification no.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Dear Sirs,

1.0 We, the undersigned Applicant, have read and examined in detail your solicitation of EOI for the purpose of short-listing of our firm for Appointment as Consultant for Architectural Planning, Design and Construction Supervision of Southern Divisional Centre (World Bank funded project) being implemented by Irrigation and Water Resources Department, Government of Mizoram.

2.0 **Supporting documents:** We have enclosed documents supporting compliance to Criteria for Short Listing.

3.0 Dated this ...................... day of ...................... 2017.

Thanking you,

Yours faithfully

Date : (Signature) ....................................

Place :

**FORM F-2**

**ASSIGNMENTS OF SIMILAR NATURE SUCCESSFULLY COMPLETED DURING LAST 5 YEARS**

1. Brief Description of the Firm/Organization:
2. Year of Establishment:
3. Outline of recent experience on assignments of similar nature:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No. | Name of assign-ment | Name of project | Owner or sponsoring authority | Cost of assign-ment | Date of commencement | Date of completion | Was assign-ment satisfac-torily completed |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

Note: Please attach certificates from the employer by way of documentary proof. (Issued by the Officer of rank not below the rank of Superintending Engineer or equivalent.)

**FORM F-4**

**Composition of the Team Personnel and the task which would be assigned to each**

**Team Member**

1. Technical/Managerial Staff

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Name | Position | Task Assignment |
|  |  |  |  |

2. Support Staff

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Name | Position | Task Assignment |
|  |  |  |  |

**FORM F-5**

**Format Of Curriculum Vitae (CV) For**

**Proposed Key professional staff**

Proposed Position:

Name of Firm:

Name of Staff:

Profession:

Date of Birth:

Years with Firm/Entity: Nationality:

Membership in Professional Societies:

Detailed Tasks Assigned:

**Key Qualifications:**

[*Give an outline of staff member’s experience and training most pertinent to tasks on assignment. Describe degree of responsibility held by staff member on relevant previous assignments and give dates and locations. Use about half a page.*]

**Education:**

[*Summarize college/university and other specialized education of staff member, giving names of schools, dates attended, and degrees obtained. Use about one quarter of a page.*]

**Employment Record:**

[*Starting with present position, list in reverse order every employment held. List all positions held by staff member since graduation, giving dates, names of employing organizations, titles of positions held, and locations of assignments. For experience in last ten years, also give types of activities performed and client references, where appropriate.*]

**Languages:**

[*For each language indicate proficiency: excellent, good, fair, or poor; in speaking, reading, and writing]*

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

**Full name of staff member:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature :\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date:­\_\_\_\_/\_\_\_\_/\_\_\_\_\_**

**Full name of authorized representative of Firm:\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature :\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date:\_\_\_\_/\_\_\_\_\_/\_\_\_\_**

**APPENDIX – A**

Financial Statement of the Last Five Financial Years

|  |  |  |
| --- | --- | --- |
| **Sl No** | **Year** | **Annual Turnover** |
| 1 | 2012-13 |  |
| 2 | 2013-14 |  |
| 3 | 2014-15 |  |
| 4 | 2015-16 |  |
| 5 | 2016-17 |  |

Notes:

1. Values should be duly certified by statutory body like Chartered Accountant or Independent Auditors who are competent to do so as recognized by the Government of India.
2. The amount shall be stated in Indian Rupees (INR).