

# NEPAL ELECTRICITY AUTHORITY

(A Government of Nepal Undertaking)

Request for Expressions of Interest (EOI)

For

Consulting Services for Project Supervision Consultant (Phase II)  
Electricity Transmission Expansion and Supply Improvement Project

(Date of First Publication: 28th November 2021)

1. Government of Nepal has received loan assistance from Asian Development Bank (ADB) towards the cost of Project Supervision Works for the Electricity Transmission Expansion and Supply Improvement Project (ETESIP). Part of the facility is provided to Nepal Electricity Authority (NEA) to fund eligible payment under Consultant's services. With the facility, NEA intends to undertake the Supervision of Tamakoshi-Kathmandu 220/400 kV Transmission Line project through Consultants for ETESIP.

In particular, the principal activities shall include inter alia the following:

- a) the PSC shall review and advise the NEA on approval of contractor's detailed design in accordance with the Employer's requirements and technical specifications in the contract and in continuation to the first phase of consulting works.
- b) the PSC shall provide oversight of all aspects of the construction in order to assure that it is conducted properly in accordance with the contract.
- c) to ensure quality in project implementation, the PSC shall follow and implement previously prepared Quality Assurance Program (QAP). The QAP shall ensure that the plants and equipment supplied and installed meet the performance standards and technical characteristics of the technical specifications. The QAP shall cover all aspects of the project implementation including review and approval of design; monitoring schedule; inspection of materials before shipment, upon arrival and upon erection; review of documents to assure quality of delivered goods and comparison of as-built drawings to design. Furthermore, shortcomings in any of the aforementioned areas shall be addressed adequately by QAP.
- d) the consultant shall verify the invoice submitted and recommend the respective project for payment.
- e) the PSC shall supervise the testing and commissioning. All components of the lines, substation, SCADA, communications and protection will be subject to an acceptance test to demonstrate their capability to meet warranted design criteria. For each component subject to test, the Consultant will review the contractor's test procedures for compliance with manufacturers' requirements and design criteria. The Consultant shall witness the tests and review the test results. If test results are not satisfactory, the consultant shall ensure that any lack of compliance is addressed and that the equipment and overall systems shall be re-tested until compliant results are achieved. The Consultant shall assist NEA in this phase of the project and coordinate with the Contractor in addressing any issues with the project components that are unsatisfactory. At the end of this period, and when all acceptance tests have been completed to the Consultant's satisfaction, the Consultant will advise NEA that the construction is complete and all the project components are ready to be declared fully operational. The Consultant shall also prepare and recommend a provisional taking over certificate whenever due for the works or part of the works and alert NEA of work deficiencies and outstanding items, if any. The Consultant shall also confirm the remedial measures taken by the contractor, and recommend a final taking over certificate after expiry of the warranty period.

2. NEA ("the Employer") now invites eligible Consultant (a consulting firm or consortium of consulting firms or consulting arm of electric utility) to indicate their interest in providing the services. Expression of interest (EOI) will be assessed based on Management Competence (10%), Technical Competence (30%), Geographical Competence (20%) and Evaluation of CV of the key experts (40%). Based on the evaluation of EOI, shortlisted consultant will be invited to submit a Bio-data technical proposal and financial proposal through the request for proposal.
3. The details of the package are accessible from ADB's consulting services recruitment notice (<http://csr.n.a.d.b.o.r.g>), and interested organizations are encouraged to submit their EOI through ADB's consultant management system (registration and access through <http://csr.n.a.d.b.o.r.g> or <http://c.m.s.a.d.b.o.r.g>). The same information (detailed request for EOI and Terms of Reference) can be found in the office of NEA or downloaded from the web site: [www.nea.org.np](http://www.nea.org.np). The interested Consultants must provide information in the form of brochures, description of completed similar assignments, work experience in the specified areas, availability of appropriate skills among staff, etc. to show their technical, managerial and financial competence to perform the services. Such information must also include a brief description of the firm together with the organization structure and staffing. In particular, the information must include, among others, the following:
  - a. General and specific experience of the firm;
  - b. Experience of the firm in at least two (2) consulting contracts of Project Supervision of the High Voltage Transmission System projects of 400 kV or higher voltage class. The Consultant must provide information on jobs undertaken in the past ten (10) years giving a brief description of each job undertaken, the funding source(s), and amount of contract and information on the client/employer;
  - c. Corporate profile of the firm;
  - d. Information on organisational strength (organisational structure, number of permanent professional staffs and number of total staffs) and;
  - e. Duly filled up CSRN Attachment (given in the website).
4. The application must be responsive to the requirements mentioned above and information sought in CSRN Attachment. The application should be in sufficient details to be verifiable. Consultants may associate with others to enhance their qualifications.
5. The services to be provided by the firm(s) are estimated at 17.4 person-months of international key experts. It is expected that the consulting services will last for about 18 months.
6. The Consultant is required to have completed at least two (2) consulting contracts of Project Supervision of the High Voltage Transmission System projects of 400 kV or higher voltage class with at least one (1) Project Supervision on High Voltage Transmission line of 400 kV or above in the last ten (10) years. Only the constructed and commissioned projects will be considered for evaluation. Projects under construction or planning will not be considered. The Project Supervision shall mean combined work of Detail Design, Planning, Construction Monitoring in line with Quality Plan, Administration of Contract, Testing and Commissioning, Issuing Completion certificate (as necessary).
7. The Consultant(s) will be selected and engaged in accordance with the Guidelines on the Use of Consultants by Asian Development Bank and its Borrowers (March 2013) under the Consultant's Qualification selection (CQS) method.
8. Tentative commencement date of the consultant will be 17th March 2022.
9. The Expressions of Interest, EOI shall be delivered through CMS (online) by 28th December 2021. The EOI should be clearly marked with "Expression of Interest for Selection of Consultant for Project Supervision Consultant (Phase II), Electricity Transmission Expansion and Supply Improvement Project".

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10. The interested Consultant(s) may obtain further information at the above address during office hours.
11. NEA reserves the right to reject any or all of the EOIs at any stage without assigning any reason whatsoever and without incurring any liability to the affected applicant(s). NEA will not be responsible for any cost of expenses incurred by the firms in connection with the preparation or delivery of the EOI.