

# NEPAL ELECTRICITY AUTHORITY

(A Government of Nepal Undertaking)

Request for Expressions of Interest (EOI)

For

Consulting Services for Engineering and Environmental Study of Kohalpur-Surkhet-Upper Karnali 400kV Transmission Line and Kohalpur-New Butwal 400kV Transmission Line under the Project Preparatory Facility for Energy

(Date of First Publication: 12 Feb 2017)

1. Government of Nepal has received grant assistance from Asian Development Bank (ADB) towards the cost of Project Preparatory Facility for the New Butwal-New Kohalpur-Surkhet-Upper Karnali 400 kV Transmission Line Project (the Project). 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 Project Preparation Studies of the Transmission Lines and Substations as specified in Paragraph 2 through Consultants in a lump sum mode.
2. This project includes the project preparation studies of (1) the 400 kV Double circuit New Kohalpur – New Butwal transmission line and substation at New Butwal (2) the 132 kV Double circuit Chinchu (Surkhet)- Subakuna (Surkhet) transmission line and substation at Subakuna (Surkhet) (3) the 400 kV Double circuit Upper Karnali – Chinchu (Surkhet) transmission lines, and substation at Upper Karnali (4) New Kohalpur-New Lumki-New Attariya 400 kV Double circuit transmission lines, and substations at New Lumki and New Attariya.
3. As project preparation study, the principal activities for the consulting services shall include inter alia the following: (the detail task is provided in the TOR)
  - i 400 kV and 132 kV Transmission Line Design including reconnaissance survey, detail survey, plan and profiling drawings, check survey, Geo-technical and soil investigation, Tower spotting on PLS CADD, revision of Tower Design supplied by the Clients, Foundation Design, produce design drawings and all necessary design as detailed in TOR.
  - ii 400 kV and 132 kV substation Design including study, sizing, survey, soil investigation, civil design, Equipment foundation designs, structural designs, protection, SCADA and communication design all complete as detailed in TOR.
  - iii IEE/EIA as applicable with EMP,IPP and RP of the transmission lines
  - iv Tree cutting plan and ROW details of the transmission lines
  - v Preparation of Technical Specifications, the Cost Estimates and the Bidding documents of the transmission lines & Substations
4. 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 (80%) and Geographical Competence (10%). Based on the evaluation of EOI, shortlisted consultants will be invited to submit a full technical proposal and financial proposal through the Request for Proposal (RFP).
5. The details of the package are accessible from ADB's consulting services recruitment notice (<http://csr.nedb.org>), and interested organizations are encouraged to submit their EOI through ADB's consultant management system (registration and access through <http://csr.nedb.org> or <http://cms.nedb.org>). The same information (detailed request for EOI and Terms of Reference) can be found in the office of Project at NEA or downloaded from the web site: [www.neda.org.np](http://www.neda.org.np) and

- [www.pmdnea.org.np](http://www.pmdnea.org.np). The interested Consultants must provide information stating their experience in the above mentioned eight principal activities. Also, additional 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 should be provided. 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 Project Preparation Studies of the 400 kV or above High Voltage Transmission and Substation Projects. The Consultant must provide information on jobs undertaken in the past fifteen (15) years giving a brief description of each job undertaken, the funding source(s), and amount of contract and information on the client/employer in the five principal activities mentioned above in paragraph 3;
  - c) Corporate profile of the firm with Quality Assurance Plan, ISO 9000, Complaint handling mechanism & Assurance of continuity of professional services and Social protection practices of experts
  - d) Information on organizational strength (organizational structure, number of permanent professional staffs and number of total staffs) and;
  - e) Duly filled up Attachment 1 (given in the website).
6. The application must be responsive to the requirements mentioned above and information sought in Attachment-1. The application should be in sufficient details to be verifiable. Consultants may associate with others to enhance their qualifications.
  7. The services to be provided by the firm(s) are estimated at 62 person-months of international key experts and 73 person-months of national non key experts. The term of the consulting services shall be 15 months.
  8. The bidding consultant must have more than Fifteen (15) years of consulting experience in the power sector. Here, bidding consultant shall mean the consultant who has submitted the EOI and not its parent company.
  9. The consultant must have completed at least two (2) consulting contracts of Project Preparation Studies of the High Voltage Transmission projects of 400 kV or above including but not limited to the detail survey, Tower and foundation design of the transmission lines of voltage 400 kV or above voltage class, Design of Substations of 400 kV or above voltage class during last 15 years. Also, at least one of the aforementioned Contracts shall be outside the consultant's home country. In order to substantiate the aforementioned consulting contracts, the consultant shall submit the End User Certificate from Client depicting main scope of the contract. Incomplete or On-going Consulting Contracts will not be taken in to account and hence will not be evaluated.
  10. 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 Quality and Cost Based (QCBS at 90:10 ratio) selection method.
  11. Tentative commencement date of the consultant will be 1 September 2017.
  12. The Expressions of Interest, EOI (one original and one duplicate) shall either be delivered to the address below by 13:00 hours Nepal Standard Time on 15 March 2017 or through CMS (online) is 15 March 2017. The EOI should be clearly marked with "Expression of Interest for Selection of Consultant for Project Preparation Studies of New Butwal-New Kohalpur-Surkhet-Upper Karnali 400 kV Transmission Line Project".

Project Manager

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13. The interested Consultant(s) may obtain further information at the above address during office hours.
14. 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.