

ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

Regd. Office: Janpath: Bhubaneswar- 751022

Phone: (0674) 2540051 (EPABX)

Website: www.optcl.co.in



EXPRESSION OF INTEREST (EOI)

CONSULTANCY SERVICES

FOR

**DEVELOPING INTEGRATED DISASTER RISK MANAGEMENT POLICY & SOP
FOR TRANSMISSION & DISTRIBUTION (T&D) SECTOR**



ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Govt. of Odisha undertaking)

Regd. Office: Janpath, Bhubaneswar-751022, Odisha

Tel(0674)2540051(EPABX) Fax: (0674)-2545664

CIN:U40102OR2004SGC007553

EXPRESSION OF INTEREST

CONSULTANCY SERVICES FOR DEVELOPING INTEGRATED DISASTER RISK MANAGEMENT

POLICY & SOP FOR TRANSMISSION & DISTRIBUTION (T&D) SECTOR

Ref No. AW-DH-DMRP-52/2014- 12772

Dated.01.07.2014

1. Odisha Power Transmission Corporation Limited, Bhubaneswar (OPTCL) seeks EXPRESSION OF INTEREST (EOI) from reputed consultant / Reputed Consultancy firm/Institution with domain expertise, demonstrated capabilities to render similar consultancy services.
2. The consultant/firm shall render domain expertise and services to formulate Integrated Disaster Risk Management Policy and Standard Operating Procedure (SoP) for Transmission & Distribution(T&D) Sector in Odisha.
3. Interested firms may submit their Expression of Interest in **FORM-I** giving details about the organization, profile of domain experts and list of similar services successfully executed .
4. Shortlisted firms will be invited to make a presentation of their organization, domain knowledge, and proven capability in this domain.
5. Such shortlisted firms/Institutions after presentation will be invited to submit detailed bids (Technical & Financial proposals) in line with the requirement to be specified in the RFP. Final selection of the firm will be done thereafter. The decision of OPTCL will be final and binding.
6. Interested consultant may visit our website www.optcl.co.in for information pertaining to the work.
7. EOI shall be submitted in sealed envelope super-scribing Expression of Interest, Ref No & the date of submission, with supporting documents / credentials to DIRECTOR(HRD) , Odisha Power Transmission Corporation Limited, Corporate Office Building, Janpath, Bhubaneswar-751022, Odisha, India, Email : dir.hrd@optcl.co.in so as to reach the above address by **31/07/2014, 05.00 pm** .

DIRECTOR(HRD)

Odisha Power Transmission Corporation Ltd.

Bhubaneswar,751022

ODISHA, INDIA.

1. ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL)

The transmission system forms the backbone of the entire value chain of the electricity network. A robust Transmission Grid serves as a strategic link between generation and distribution network. The Transmission system of OPTCL is the backbone of the power system of the State of Odisha. The lines and substations of OPTCL should be kept in proper conditions to ensure uninterrupted and quality power supply in the State. Odisha has seen a phase of industrial resurgence in the recent past which requires quality power supply of international standard.

Consequent upon the enactment of Electricity Act 2003, the transmission related activities were transferred and vested with OPTCL, w.e.f. 01.04.2005. Under the Transfer Scheme, the main function of the OPTCL is to effectively operate Transmission lines and Sub-Stations in the State for evacuation of power from the state generating stations, wheel power to State distribution companies, operation & maintenance of the existing lines and sub-stations and to undertake power system improvement by renovation, up-gradation and modernization of the transmission network.

The aim of OPTCL is to plan & operate the transmission system so as to ensure that the transmission system built, operated and maintained should provide efficient, economical and coordinated system of transmission and meet the overall performance standards. OPTCL aims at evolving as one of the best transmission utility in the Nation in terms of development of a well coordinated transmission system in the backdrop of formation of strong National Power Grid to steer the development of power system in a planned manner to achieve the objective of "Electricity to All" at affordable price as well as uninterrupted power supply, minimizing the loss and contributing to the growth of the State.

OPTCL has its Corporate Office at Bhubaneswar and field units consisting of Circles, Divisions and Sub-divisions for functional areas of Construction, Operation & Maintenance, Telecom, Stores and Civil geographically dispersed all over the State.

The Company owns Extra High Voltage Transmission (EHV) system and operates about **11,517.727 ctkms** of transmission lines at 400 kV, 220 kV, 132 kV levels and **107** Grid substations with transformation capacity of **12,233 MVA** having **262 nos** of transformers. The majority of the substations and lines are aging networks. In keeping with substantial growth in planned generation capacity, load growth during 12th Plan period across the State, OPTCL is on a high growth trajectory and embarked on ambitious network expansion. The company as the Nodal Organization on behalf of the Govt of Odisha is currently executing a large number of high-value Flagship Projects/Schemes of Govt in both Transmission & Distribution sector. The total estimated value of the Projects/Schemes is in excess of Rs 10,000 crores.

2. Vulnerability of Power T&D Sector To Natural Disasters:

The entire T&D network, the most critical infrastructure, located in the entire coastal districts of Odisha are highly vulnerable to natural disasters like tropical cyclone, floods. Odisha has witnessed Super cyclone and Very Severe Cyclonic Storms in 1999 and 2013 respectively, which caused large-scale damage to the power infrastructure. In this context OPTCL is contemplating and transitioning to migrate from crisis management mode to disaster risk management.

3. OBJECTIVE

Transmission system being the backbone of power supply system should be designed and maintained in such a manner that disaster risk is configured to ensure that the damage is minimal and the damaged power system is resilient enough to bounce back to the original position, in the event disaster and hazards strike the Power T&D infrastructure. There should be an institutional policy framework to develop disaster mitigation strategy, preparedness and early response. The objective is to invite/ elicit domain expertise and an independent view in formulating institutional mechanisms and framing a well-articulated Integrated Disaster Risk Management Policy and Standard Operating Procedure (SoP) for OPTCL for disaster preparedness and response.

It is an established fact that in the post-disaster recovery scenario all other infrastructures health, water, communication, telecom, education, are critically dependent on regular and uninterrupted supply of energy. The policy framework is likely to address the associated issues related to disaster management in Power T&D context involving major stakeholders Govt, State Regulatory Commission, Agencies, Equipment manufacturers/Vendors, Public.

This study will aim at developing a strategic and pragmatic road-map:

- to review and assess the adequacy of existing systems/processes, disaster preparedness, response, recovery.
- to work out, strengthen the institutional system/mechanisms to bring the concept, practice in disaster risk management to build disaster proof & resilient power infrastructure
- to strengthen capacity building for employees within the organization & stakeholders.

Such shortlisted firms will be invited to submit bids for the upcoming consultancy.

3. NATURE OF THE ASSIGNMENT

The scope of consultancy shall broadly cover all areas and interests of OPTCL. It shall include, but not limited to the following tasks:

- i. Carrying out a comprehensive objective review and analysis of the existing policies, procedures and work practice related to disaster risk management and how they compare to best practices in the energy/utilities and world class standards.
- ii. Developing an OPTCL Policy on Disaster Risk Management in consultation with stakeholders and providing appropriate guidance on implementation of the same companywide.
- iii. To formulate draft Standard Operating Procedure (SoP).
- iv. Strengthen institutional mechanisms and capacity building across the Power T&D sector and associated stakeholders.

4. KEY RESPONSIBILITY AREAS(KRAs) & DELIVERABLES OF THE CONSULTANT

In keeping with the broad objectives and indicative requirement as stated above the KRAs/Deliverables are as follows:

- To study the existing systems, processes and identify its deficiencies/inadequacies.
- To make an in-depth study on vulnerability analysis & the risk assessment for the Transmission & Distribution assets in power sector,
- To study the Gap between the existing plan & the best practices in the energy utilities in State or Central Sector Power Utilities.
- Strengthen institutional mechanisms and capacity building across the sector and different stakeholders.
- Make a report on findings, gaps and recommendation for improvement.
- Structured/ Planned Training intervention for capacity building of the Executives, staff, workman & vendor.
- To formulate an over-arching Integrated disaster risk management framework exclusively for T&D sector and Integrated Disaster Risk Management Policy.
- To formulate draft Standard Operating Procedure (SoP) .

5. ELIGIBILITY CRITERIA

The expression of interest must be accompanied by the consultant's qualifications, demonstrated professional capabilities and details of experience in the area of disaster management. Such information may include brochure, description of similar assignments, experience in similar work areas, and availability of appropriate skills among experts/staff with their most recent profile indicating their experience, qualifications capabilities, referees and details of past experience especially in their areas of expertise etc. The consultant shall bid for the assignment individually or in association with firms.

The interested firms shall provide the following specific information as well as any other relevant information.

- Name of the firm who will participate in undertaking the consulting services and their role in all aspects of the consultancy service. To be submitted also are name(s) and position(s) of authorized representatives.
- Firms that bid jointly should submit consortium agreements between the parties, with the roles of each party clearly defined.
- Attach at least three commendation letters from major clients in support of undertaking or successful completion of similar assignment.
- Management/ organization structure, list of experts/key staff relevant to the assignment and their Curriculum Vitae inclusive of staff who will monitor and provide services.
- Minimum academic qualification of the domain experts/Key staffs relevant degree of specialization.
- Evidence of incorporation/registration of the firm in the country.
- Audited Accounts for the last two years.
- Income Tax certificate.
- The profile of the firm/agency .

6. CLARIFICATIONS

The interested parties may request for clarifications on this prequalification upto 10(ten) days before the submission date. Any request for clarification must be sent in writing by paper mail or electronic mail.

OPTCL reserves the right to accept or reject any or all applications without the obligation to assign any reason for the decision.

FORMAT FOR EOI RESPONSE

(on firm's letter head)

1. Name & Address of the Organisation.
2. Type of Organisation
(Public Sector / Limited / Private Limited / Proprietary / Society / Any Other)
3. Name & Designation of the concerned officer to whom all references shall be made.
4. Fax nos.:
5. Phone nos. / Mobile Nos.:
6. E-Mail ID:
7. Head of the Organization :
E-mail Id:
Telephone:
8. Total No. of Employees/Manpower Strength:
9. Number of qualified and experienced experts/key personnel. Complete details of the personnel stating name, designation, age, nationality, qualifications and experience with specific reference in working on Disaster Management.
10. Authenticated copies of the following documents are to be attached:
 - a) Company/Firm Registration Certificate.
 - b) Valid Income Tax PAN & Copy of Income Tax clearance certificate
 - c) Name and address of banker(s), indicating the name in which the account stands and year in which the account was opened.
 - d) Audited Annual Accounts for last two years.
11. **Relevant/ Similar Experience:** Please elaborate your experience of executing similar project. Documentary evidence to be provided in this regard. Use the following table to provide this information:

Sl No	Name and address of the client organization	Brief description of consultancy services	Status (Ongoing or successfully executed)	Execution period (Start date & End date)	No of persons covered	Contract Value

12. **Manpower:** Manpower Strength of the firm to be furnished.
13. **Educational Qualification& Experience:** Educational Qualification and Experience of the Project Leader, experts and Team Members to be furnished.
14. **Logical Framework Analysis:**
15. **Unique value proposition(from stakeholders' perspective):**
16. **Methodology & Innovative approach:**
17. **Tentative Project Schedule:** Describe the timeline proposed for this project.
18. **Additional Information:** Additional information may be provided if any.
19. Name & address of local representative, if any :
20. Declaration: We undertake that the information furnished above and the documents attached are true and correct .

Place :

Date :

Signature :

Name in Full:

Designation/Status:

Company Seal: