## INVITATION FOR EXPRESSION OF INTEREST FOR LEASING OF DARK FIBRE IN OPTCL’S OPGW NETWORK

**ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL),** one of the largest Transmission Utility in the country was incorporated in March 2004 under the Companies Act, 1956 as a company wholly owned by the Government of Odisha for undertaking the business of transmission and wheeling of electricity in the State. The registered office of the Company is situated at Bhubaneswar, the capital of the State of Odisha. Its projects and field units are spread all over the State.

**OPTCL** became fully operational with effect from 9th June 2005 consequent upon issue of Odisha Electricity Reform (Transfer of Transmission and Related Activities) Scheme, 2005 under the provisions of Electricity Act, 2003 and the Odisha Reforms Act, 1995 by the State Government for transfer and vesting of transmission related activities of **GRIDCO** with **OPTCL**. The Company has been designated as the State Transmission Utility in terms of Section 39 of the Electricity Act, 2003.

Presently the Company is carrying out intra state transmission and wheeling of electricity under a license issued by the Odisha Electricity Regulatory Commission. The Company is also discharging the functions of State Load Despatch Centre. The Company owns Extra High Voltage Transmission system and operates about **14,319 ckt kms** of transmission lines at 400 kV, 220 kV, 132 kV levels and **157 nos**. of substations. OPTCL management has taken a decision to adopt OPGW in stead of normal GI earth wire in all its upcoming transmission lines. As on date, OPTCL has already commissioned **4346** KM of OPGW network and another 2329 KM of OPGW commissioning is under progress.

OPTCL is planning effective utilisation of transmission network by leasing the optical fiber to Telecom operator/National long distance operators in line with National Telecom Policies 1999 which allows the usage of backbone network of Power transmission companies for national long distance communication . Further, IT task force of GOI recommended SEB/STUs to lease out the excess/spare fibre capacity for data transmission to DOT/Telecom licensee etc.

The day-to-day affairs of the Company are managed by the Chairman and Managing Director assisted by whole-time Functional Directors who in turn are assisted by a team of dedicated and experienced professionals in the various fields.

Corporate Identity Number (CIN) of OPTCL : **U40102OR2004SGC007553**

 **The Optical Fiber Ground Wire(OPGW) in various line sections is as per Annexure-III (In operation),Annexure-IV (Under execution) & Annexure-V (Planned). OPGW node point in OPTCL and its fibre distance from nearest Town/City/Educational Institute/Industrial complex have been shown in Annexure-VI and OPGW map shown in Annexure –VII.**

OPTCL invites Telecom Operators, infrastructure companies active in telecom space, Internet Service Providers(ISPs), Multi System Operators(MSOs) and other organisations engaged in providing services to avail the optical fiber network for their operation of providing appropriate services including data transfer services in the following model.

***Model:***

1. ***OPTCL invests and develop the fibre optic network operations with responsibilities of maintaining the same . Network availability of OPGW Network is 99.99%.***
2. ***It will lease out either the entire network or segments of the fibre network to interested operators for carrying out their business activities with approval of OPTCL.***
3. ***In routes having higher number of available fibres multiple operators may be allowed to operate in the same segment.***
4. ***Lessee will not be allowed to sub lease the leased out fibres but can allocate bandwidth on those fibres to its customers.******They will have to install the required equipment at their cost.***

OPTCL hereby invites Expression of Interest from interested Telecom Operators for expansion of their business by utilising OPTCL’s assets in above model.

The organisations interested should have acquired necessary licenses for carrying out the activities proposed by them. The copy of the valid licenses should be submitted along with the application containing information as sought for in the enclosed Annexure-I, and Annexure-II.

The successful bidder has to sign a lease agreement for use of dark fibres as per the rate fixed by OPTCL and as per the enclosed format at **Annexure(VIII)**

Interested parties may submit the proposal of Expression of Interest to Chief General Manager (Telecom) OPTCL, Technical Building , Bhoi Nagar ,Bhubaneswar-751022 .

Last date of submission of Expression of Interest is **31st Aug,2020.**

Any technical queries , information & clarification that may be required pertaining to EOI should be referred to Chief General Manager (Telecom) OPTCL, Technical Building ,

Bhoi Nagar,Bhubaneswar-751022 and email at cgm.tel@optcl.co.in

**ANNEXURE-I**

1. We .........................................................................................express our interest for the utilisation of OPGW in the following lines of OPTCL.

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| --- | --- | --- | --- | --- |
| Sl. No | Name of the line  | Annexure No(III/IV/V) | Line length | Bidder’s proposal (No of fibres intended to be used) |
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1. We are keen to avail the above under given model. i.e *OPTCL invests and develop the fibre optic network operations with responsibilities of maintaining the same and lease out to operators.*
2. Specific terms and conditions from our side (bidder) with regard to scope shall be as follows.

 Yours faithfully

 (Authorised representative of Telecom operator)

**ANNEXURE-II**

1. **Organisational Information**
2. Name of the Organisation
3. Nature of corporate body

(Proprietorship/Partnership/Company/

Co-operative Body/Joint Venture/

Public Limited etc) with registration particulars. Such as

CIN No,PAN No,TAN No,TIN No,Salex Tax Reg. No, Serice Tax Reg No

1. Address ,Telephone & Fax Nos

e-mail address of the registered office/sales office

company owned service centre etc

1. **Financial Status**
2. Annual Turnover

(Average of last three financial years)

1. Net worth at the end of last financial Year
2. Working Capital at the end of last Financial Year.
3. Technical Experience in last 5 years in utilising leased optical fibre line with documentary evidence.
4. **A write up ( maximum 5000 words ) must accompany the bid describing the core business of the lessee and the intended use of the fibres by it.**

 (Authorised Representative of Telecom Operator)