



**ODISHA POWER TRANSMISSION  
CORPORATION LIMITED**

(A Govt. Of Odisha Undertaking)

Regd. Office, Janpath, Bhubaneswar -  
751022

**RfP No.: OPTCL-1**

**Date: 27.02.2018**

**Date of Pre-Bid:14.03.2018**

**Last Date of Tender:27.03.2018**

**Date of Opening of the  
Technical Bid:29.03.2018**

## REQUEST FOR PROPOSAL

(e-RfP)

*for*

*Selection of Project Implementing Agency  
(PIA) under Bharat Net Phase-II Project on  
works contract basis.*

*“Survey, Design, Planning, Supply,  
Installation, end-to end Integration, testing  
& commissioning of OFC (Aerial) GPON  
Network and Comprehensive Annual  
Maintenance Contract (A M C).”*

**Address:**

**Office of the CGM (Telecom) OPTCL  
Corporate Building, Head Quarters,  
Janpath, Bhubaneswar-22  
e-mail: cgm.tel@optcl.co.in.**

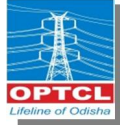
**For further details, please visit the Official  
Website of OPTCL “[www.optcl.co.in](http://www.optcl.co.in)” &  
Tender Portal “[www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL)”**

---

## Contents of the RfP

---

S.NO	RFP TEMPLATE SECTION	SECTION DESCRIPTION
1.	SECTION I	INVITATION TO BID
2.	SECTION II	GENERAL INSTRUCTIONS TO BIDDERS
3.	SECTION III	GENERAL CONDITIONS OF THE CONTRACT AND SERVICE LEVELS AGREEMENT
4.	SECTION IV	BID SUBMISSION FORMATS
5.	SECTION V	SCOPE OF WORK
6.	ANNEXURE-A	TECHNICAL SPECIFICATIONS
7.	ANNEXURE-B	ENGINEERING INSTRUCTIONS



# ODISHA POWER TRANSMISSION CORPORATION LIMITED

Regd. Office, Janpath, Bhubaneswar -751022

## Office of the CGM (Telecom)

### NOTICE INVITING TENDER (NIT)

(DOMESTIC COMPETITIVE e-BIDDING)

TENDER NOTICE NO.: NIT / OPTCL /Baharat Net-Phase-II/138

Date: 24.02.2018

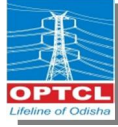
Odisha Power Transmission Corporation Limited, Janpath, Bhubaneswar, invites bids (in e-tendering mode only) under single stage two-envelop system from reputed EPC/Turnkey Contractors for Selection of Project Implementing Agency (PIA) for Survey, Design, Planning, Supply, Installation, End to End Integration, Testing & Commissioning of OFC (Aerial) GPON Network along with Comprehensive Annual Maintenance Contract (AMC)+ in two different Package(s): (PACKAGE-I: CESU, NESCO & SOUTHCO and PACKAGE-II: WESCO) with an Estimated Cost of Rs. 200 Cr and Rs. 203 Cr. Respectively under Bharata Net Phase-II Project within the Jurisdiction of State of ODISHA on WORKS CONTRACT BASIS+. Interested bidder(s) are required to enrol themselves in the tender portal [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL)+ Complete set of bidding documents are available on [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL)+ portal from Dt 07.03.2018/ 5PM up to Dt 27.03.2018/5P.M. Interested bidders may visit OPTCL's official website <http://www.optcl.co.in>+ or Tender Portal <http://www.tenderwizard.com/OPTCL>+for further detail.

**Note:** Bidders are requested to regularly visit Official website of OPTCL/ Tender Portal only for amendment /errata /corrigendum (if any) and any other information regarding these tenders, as the same shall be published only on the OPTCL website/Tender Portal.

**CGM (Telecom)**

**OPTCL**

*Section-I*  
*Invitation to Bids*



**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

Regd. Office, Janpath, Bhubaneswar -751022  
(Domestic Competitive Bidding)

**TENDER NOTICE NO.: NIT / OPTCL /Baharat Net-Phase-II/138**

**Date: 24.02.2018**

Odisha Power Transmission Corporation Limited, Janpath, Bhubaneswar (hereinafter referred to as PIA), on behalf of Department of Energy, Govt. Of Odisha invites bids (in e- tendering mode only) under single stage two-bid system from reputed Agency for Selection of Project Implementing Agency (PIA) for Bharat Net Phase-II within the jurisdiction of the State of ODISHA. The agency shall be responsible for:

- a) Survey, Design, Planning, Supply, Installation, end-to end Integration, testing & commissioning of OFC (Aerial) GPON Network with an extended Guarantee of 3 years.
- b) Undertake Comprehensive Annual Maintenance Contract (AMC) of the established network for 5 years.

Bidders who wish to participate in this bid will have to register on tender portal of OPTCL [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL). The bidders can view/download the tender documents on official website of OPTCL [www.optcl.co.in/](http://www.optcl.co.in/) tender portal of OPTCL [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL), free of cost.

The intending bidder(s) are requested to go through following details for participation of the bid(s).

1. The bidder(s) shall have to pay the non-refundable tender cost (as mentioned in the following TABLE-A), in the form of Demand Draft only, drawn in favour of the D.D.O Head Quarters, OPTCL, Bhubaneswar.
2. The bidder(s) shall have to submit the non-refundable tender processing fee for the concerned Package (as mentioned in the following TABLE-A) in the form of Demand draft, drawn in favour of K.S.E.D.C.Ltd, Payable at Bengaluru or through e-payment mode payable directly to K.S.E.D.C.Ltd, Bengaluru).
3. The bidder(s) shall have to submit the Bid Security (EMD) in shape of Demand Draft , drawn in favour of the D.D.O Head Quarters, OPTCL, Bhubaneswar or irrevocable Bank Guarantee ( as per the prescribed format enclosed) for an amount as mentioned in the following TABLE-A for the concerned Package.
4. The bidder(s) shall scan the Demand Draft towards Tender Cost and Tender Processing fees and Demand Draft/ Bank guarantee towards Bid Security (EMD) against each Package and shall upload the same in the prescribed form in .gif or .jpg format in addition to submitting the original to the OPTCL.
5. The prospective bidders are advised to procure Digital Certificate (Class-III) as per Information Technology Act 2000.
6. The prospective bidders are advised to register their user ID, Password, company ID with website [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) by clicking on hyper link [Register Me](#)
7. Any clarifications on the project can be had from the undersigned during office hours prior to the pre-bid conference.
8. The interested bidder may participate in the bidding process for one or both Package(s). However, one bidder will be awarded one package only.
9. The evaluation of the bids shall be done independently Package wise on least cost basis to the OPTCL.
10. In the event a bidder become lowest evaluated bidder for the 1st package, his price bid for the 2nd package shall not be opened.

### Summary of Packages

Package Name	Name of the Utility	No. of GPs	Total Estimated Cost ( In Rs. Cr.)
<b>PACKAGE-I</b>	CESU , NESCO and SOUTHCO	1461	200
<b>PACKAGE-II</b>	WESCO	1484	203
<b>Total:</b>		<b>2945</b>	<b>403</b>

#### **No. of Packages:**

The GPs to be connected under BharatNet Phase-II has been divided into 02 Packages, each containing a group of GPs for convenience of implementation. These Packages shall be treated as part of one tender, as the same are envisaged to be implemented in parallel/simultaneous mode. One bidder will be awarded one package only. In the event a bidder become lowest evaluated bidder for the 1st package, his price bid for the 2nd package shall not be opened. However, Bidder(s) can participate Package wise for which separate Schedule of Requirement (SOR) and Price Schedule prescribed and uploaded in the e-tender portal.

#### **Brief Scope of Works:**

The brief scope of works consists of Route Survey for finalization of OFC routes (Aerial), Planning of Network, Trenching, OFC laying, Installation, testing & commissioning of OFC GPON network & associated equipment as per the technical specifications on works contract basis in the State of Odisha with extended Guarantee Period of 3 years and also to undertake the responsibility for Comprehensive Annual Maintenance Contract (AMC) for 5 years for facilitating service provisioning of the established network.

The period of Contract shall be; Supply & Erection: Construction Period 01 year plus Extended Guarantee Period 03 years and Comprehensive Post Annual Maintenance Contract (AMC): 5 years. Bidder(s) shall execute the works as per the norms, specification and standards and the Service Level Agreement prescribed by the OWNER.

### Table-A

#### Tender Schedule

NIT No.	NIT / OPTCL /Bharat Net-Phase-II/138 Date: 24.02.2018
Name of State Implementing Agency( SIA)	OPTCL
Tender Type	Open Tender- Single Stage Two Part Bidding
Tender Category (works contract)	Procurement of Goods & Services and Services(AMC)
Domestic Competitive Bidding	Yes
Name of the Project:	%Selection of Project Implementing Agency for Bharat Net Phase . II+
Scope of Works of the Package(s)	Survey, Design, Planning, Supply, Installation, end to end Integration, Testing & Commissioning of OFC (Aerial) GPON Network.

	<p>a) Supply &amp; Erection: Construction Period 01 year plus Extended Guarantee Period 03 years.</p> <p>b) Comprehensive Post Annual Maintenance Contract (AMC): 5 years.</p>
Submission of Bid (s) Allowed	Package wise
General Technical Evaluation Allowed (Yes/No)	Yes, Package wise
Is Multi Currency Allowed	No (Only INR)
Payment Mode (Online/Offline)	Both Online & Offline
Date of Issue/Publishing of the RFP	27/02/2018
Document Download/Sale Start Date	07/03/2018 (5PM onwards)
Document Download/Sale End Date	27/03/2018 (up to 1PM)
Date for Pre-Bid Conference	14/03/2018 (11AM onwards)
Venue of Pre-Bid Conference (State/SIA)	4th Floor, Corporate Building, OPTCL, Bhubaneswar.
Last Date and Time for Submission of Bids	27/03/2018 ( up to 5PM)
Date and Time of Opening of Technical Bids	29/03/2018 (5PM)
Cost of Tender documents (Inclusive of GST) (Non-Refundable)	INR 11,800.00
<p>Tender Processing Fee (Exclusive of GST) (To be deposited in shape of DD, drawn in favour of K.S.E.D.C.Ltd, Payable at Bengaluru or through e-payment mode payable directly to K.S.E.D.C.Ltd, Bengaluru).</p> <p>Note: Tender Registration Fees (To be registered in the tender portal: <a href="http://www.tenderwizard.com/OPTCL">www.tenderwizard.com/OPTCL</a>)</p>	INR 5,000/- + GST (Per Package)
<p>BID Security (EMD): (To be deposited in shape of DD, drawn in favour of DDO, OPTCL, Payable at Bhubaneswar or In shape of Bank Guarantee issued in favour of OPTCL as per the prescribed format). Note: To be submitted Package wise.</p>	<ul style="list-style-type: none"> <li>• PACKAGE-I: INR 200 Lakhs</li> <li>• PACKAGE-II: INR 203 Lakhs</li> </ul>
Bid Validity days	180 days
No. of Packages	<ul style="list-style-type: none"> <li>• PACKAGE-I: CESU, NESCO and SOUTHCO: INR 200 Cr.</li> <li>• PACKAGE-II: WESCO : INR 203 Cr.</li> </ul>
Validity of the Contract from the date of issuance of Award of Work:	9 years from the date of issue of LOA (01 year construction period, 3years Extended Guarantee period and 5 years Comprehensive AMC period)
Address for Communication	<p>Office of the CGM (Telecom) OPTCL Corporate Building, Head Quarters, Janpath, Bhubaneswar-22 e-mail: <a href="mailto:cgm.tel@optcl.co.in">cgm.tel@optcl.co.in</a>.</p>

Address of the OPTCL Website and Tender Portal

Official Website of OPTCL:  
[www.optcl.co.in](http://www.optcl.co.in)  
Tender Portal: [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL)

In addition to this RFP, the following sections uploaded are part of Bid Documents.

**Part –A:**

Section : I- Invitation to Bid

Section : II- Instructions to Bidders

Section : III- General Conditions of the Contract and Service Level Agreement

Section: IV- Bid Submission Formats

Section : V- Scope of Works

Section : VI- Technical Specifications

Section : VII- Engineering Instruction

**Part-B:**

Section : I- Financial Bid (in .xls)

**CGM(Telecom)  
OPTCL**