

**CENTRALIZED CONTRACTS GROUP**

NIT No.: TPCODL/CCG/23-24/005

# Open Tender Notification

for

**Rate Contract for SITC of Optical Fiber Cables under  
TPWODL Area,**

**Tender Enquiry No.: TPCODL/CCG/23-24/005,  
Due Date for Bid Submission: 26<sup>th</sup> July 2022 [18:00 Hrs.]**

**Centralized Contracts Group  
(A TATA Power and Odisha Government Joint Venture)  
TP Central Odisha Distribution Limited  
1<sup>st</sup> Floor, Anuj Building, Plot No.29, Satya Nagar, Bhubaneswar –  
751007**

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**Tender Enquiry No - TPCODL/CCG/23-24/012**

Tender Enquiry No.	Work Description	EMD (Rs.) *	Tender Fee (Rs.) **	Last Date and Time for payment of Tender Fee
TPCODL/CCG/23-24/005	Rate Contract for SITC of Optical Fiber Cable for TPWODL Area.	Rs 4 Lakhs	5,000	10.07.23, 17:00Hrs

\* EMD is exempted for MSMEs registered in the State of Odisha.

\*\* MSMEs registered in the State of Odisha shall pay tender fee of Rs. 1,000/- including GST. For details of MSME norms, pls refer "Annexure A" below.

### **INFORMATION TO THE BIDDERS TO PARTICIPATE IN E-OPEN TENDER SYSTEM OF TPCODL**

#### **:- Steps for E-tender submission:-**

**Bids are to be submitted only through online e-procurement platform, ARIBA. Any other form of bid submission will not be accepted. Online Link for submission of bid through ARIBA will be sent only after confirmation of payment of tender fee from bidder.**

**Step 1:** The bidder can get primary information about the tender from the Newspaper advertisement / TPCODL/TPWODL/TPNODL/TPSODL website <www.tpcentralodisha.com> and can download the tender document from the above website.

**Step 2:** Non-Refundable Tender Participation Fee, as indicated in tender document, to be submitted before last date of tender fee payment, in the form of direct deposit/NEFT/RTGS in the following bank account.

Account Name: TP Central Odisha Distribution Limited

Bank Name: State Bank of India,

IDCO Towers, Bhubaneswar

Bank Account No. : 10835304915

IFSC Code : SBIN0007891

**Step 3:** Eligible and Interested bidder to send an email to TPCODL attaching duly signed and stamped letter on Bidder's letterhead, with following details, expressing their intend to bid against above tender:

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SI No	Description	Bidder's Response
i)	Tender Enquiry No.	
ii)	Description of materials / Works Tendered	
iii)	Name and address of the bidding company	
iv)	Name of the authorized contact person	
v)	Contact No. authorized person	
vi)	E-mail Id of the where online ARIBA link to be	
vii)	Tender Fee details (Amount / NEFT-RTGS UTR	
viii)	GST No.of bidder	
ix)	MSME Certificate, wherever applicable	
x)	Postal address of bidder for return of EMD BG	

E-mail has to be sent to <rajib.bhattacharya@tpwesternodisha.com> with copy to <vipin.chauhan@tpnodl.com> before "Last date and time for payment of Tender Participation Fee".

**Step 4:** On receipt of the document as mentioned in Step 3 above and after due verification of the same, ARIBA link for participation in the tender will be sent to bidder's mail address from ARIBA system.

**Step 5:** In this mail there will be an online link as **Click Here** to participate in the tender.

**Step 6:** Click "**Click Here**" to access this event.

**Step 7:** If bidder is bidding first time for CCG through ARIBA site then please "Sign UP" by creating User Name and password as mentioned in Sign Up page. Please follow the process, as mentioned in the Sign Up page, during creation of User Name and password. Also a simple one-page registration screen will open for first time user. All \* mark mandatory field to be filled in.

Those who are already having User Name and password for accessing TPCODL / TPNODL / TPWODL / TPSODL events, they can LOGIN using same User Name and password.

If bidder has got User name and password for their other customer, same will not be applicable for TPCODL/TPWODL/TPNODL/TPSODL.

**Step 8:** You will be able to see the RFQ

**Step 9:** After review and downloading of all documents click on "**Review Pre-requisites**"

**Step 10:** Review and accept "**Bidder Agreement**".

**Step 11:** You can see attached pdf tender document against clause no 1.1.1 (Introduction).

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**Step 12:** Vendor has to attach pdf version of technical bid in clause no. 2.1 and 2.2. In this field do not attach any price document.

Price schedule is attached in clause no.3.2. Same has to be downloaded and price and tax details to be filled in as per the format given, print to be taken in vendor's letter head and signature and seal to be made by authorised person. PDF version of this price bid to be attached in clause 3.2 For Price Bid put all the unit price and taxes and duties in provided field. Put "0" (ZERO) in not applicable field.

**Step 13:** After successfully putting Techno commercial offer and price part then click on **"Submit Entire Response"**

**Note: Once user ID and password created, bidder can also login to ARIBA site through the following URL:**

<https://service.ariba.com/Sourcing.aw/124997008/aw?awh=r&awssk=oxt0s1BN&dard=1>

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**Annexure-A****Preferential norms for procurement from MSMEs registered in the State of Odisha****1) Tender Fees**

To participate in the tender, MSMEs registered in the State of Odisha shall pay Rs.1,000/- including GST towards cost of tender paper.

**2) Earnest Money Deposit (EMD)**

EMD shall be exempted for MSME registered in the State of Odisha. However, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.

**3) Qualification Requirement for Open Tenders**

Qualification Requirement of Financial Turnover for MSME registered in the State of Odisha shall be reduced to 20% of the existing criteria.

For past experience, instead of relying on the volumes / value of earlier Supplies / Projects, assessment of the Bidder shall be done on the basis of feedback from Customers. Past performance experience at Tata Power and its Group Companies shall supersede feedback from other Customers.

**4) Reservation for MSME**

It shall be mandatory to procure at least 20% of the total volume of the procurement from MSME registered in the State of Odisha (however, it shall not apply where goods/services are not available with the MSME), subject to matching L1 discovered prices and meeting technical specifications including quality requirements.

**5) Performance Bank Guarantees**

Performance Bank Guarantee for MSME registered in the State of Odisha shall be 25% of the value normally prescribed.

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**Definition & Introduction of Centralized Contracts Group**

The Centralized Contracts Group (CCG) is a shared group of 4 Discom (TPCODL, TPNODL, TPSODL & TPWODL) in Odisha. The contract finalized by CCG shall be used by 4 Discoms to execute the work.

**1.0 Event Information****1.1. Scope of work**

Rate contract for Supply, Installation and Maintenance of Active components with Rack for Data Centre, TP Western Odisha Distribution Ltd.

Supply Parts:-

S No.	Description	UoM	Qty
1	12 F ADSS Fiber cable 652D	M	50000
2	24 F ADSS Fiber cable 652D	M	200000
3	24 F SINGLE MOD ARMoured FO CABLE	M	100000
4	Fiber Management System(FMC 24 PORT/LCPC/1 U Hight-444X300X45 For Termination of Optical Fiber	EA	150
5	Duct Clamp	EA	400
6	Thimble;SWL 0.75T	EA	12000
7	D-Shackle,SWL 0.75T	EA	6000
8	Turn buckle;SWL 0.75T	EA	6000
9	Protective Helix,12.5MM	EA	10500
10	Terminating Helix,12.5MM	EA	6000
11	Twisted Eye Link	EA	4500
12	SUSPENSION CLAMP	EA	500
13	Universal CLAMP with SS Belt & Clip	EA	8000

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14	SPIRAL VIBRATION DAMPER	EA	400
15	Suspension Helix;12.5MM	EA	4500
16	Celvis Thimble; SWL 0.75T-TSH	EA	4500
17	Cable Storage Clamp	EA	500
18	J Hook cable storage	EA	1000
19	Splice Closuer 24 F-(Pole Mounted)	EA	150
20	Manage Gigabit SFP to RJ45 Fiber Media Converter   10/100/1000Mbps RJ45 Port to 1000Base-LX Single-Mode Fiber with 2 SFP port and Minimum 4 Cupper ports with AC or DC power options((Gigabit SFP Include).	EA	20
21	SFP 1G 20KM BiDi Single Mode Fiber Optical Transceiver Module. (should be compatible with Cisco router/switch)	EA	140
22	SFP 1G 40KM BiDi Single Mode Fiber Optical Transceiver Module. (should be compatible with Cisco router/switch)	EA	60
23	Manage Gigabit SFP to RJ45 Fiber Media Converter   10/100/1000Mbps RJ45 Port to 1000Base-LX Single-Mode Fiber with 1 SFP port and 1 Cupper ports with AC or DC power options ((Gigabit SFP Include).	EA	20
24	LC-LC Optical patch cord 1M duplex	EA	800
25	LC-LC Optical patch cord 3M duplex	EA	200
26	LC-LC Optical patch cord 15M duplex	EA	50
27	LC-LC Optical patch cord 20 M duplex	EA	50
28	Splicing Machine	EA	1
29	OTDR	EA	1
30	Fiber Optical Power Meter	EA	6



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31	Optical laser light -Range -20km	EA	6
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**Service Parts:-**

Sr No	Item Description	State	Odisha
		UOM	Qty (M/EA))
<b>1</b>	<b>AERIAL CABLING</b>		
1.1	Installation of the pole clamps / anchor plates	Each	8000
1.2	Installation of the aerial cable along with the accessories. The rates for various configuration of the cables are as follows :		
1.3	Instal FAT (Wall/Pole Mounted) Installation of FAT (Wall/Pole Mounted) (ODN EQUIPMENTS)	Each	150
A	24 F ADSS	M	200000
C	12 F ADSS	M	50000
<b>2</b>	<b>CONDUITING</b>		
	Installation of conduit including manpowers, bends, tees where ever required, hardwares, tools tackles transportation from the stores to site complete as per Drg & direction of Engineer in charge		
A	lay flexible conduit pipe DIA 25MM	M	1000
<b>3</b>	<b>ODN EQUIPMENTS</b>		
A	Installation of FDMS	Each	150
<b>4</b>	<b>DRILLING OF HOLES</b>		
	Drilling of holes for cable / conduit / casing capping entries in the wall aand making te same good after the installation of the cables / conduits / casing capping etc.. As per the directionof EIC		
4.1	In brick work		

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A	25 mm dia	Nos	100
4.2	In RCC/Concrete Wall		
A	25 mm dia	Nos	100
<b>5</b>	<b>INSTALLATION OF CABLE SADDLE</b>		
A	inside of the building thru service shaft / staircase walls etc.. (INDOOR)	Nos	200
<b>6</b>	<b>CABLE SPLICING / TERMINATION</b>		
	OFC Splicing and termination in FDMS Exchange Rack/ FDC Splitters/Joint Closure Splitters / FAT Splitters / OTB. Work includes installation of splitters, termination and connection of pigtails on OF patch panel, labelling as per splice plan, dressing them inside the enclosure		
A	More than 4 upto 48F	Each	15000
<b>7</b>	<b>LABELLING</b>		
	Labelling of Elements - Labelling shall be as per splice plan, shall be polyvinyl self-laminating 1" X 3 ". Labelling Format to be made available to Contractor per label+D156		
A	Per Label	Each	500
<b>8</b>	<b>AS - BUILT DRAWING</b>		
	As- built drawing for all works performed vide above line items ( Per Cluster / Per Project / Per WO), scope includes submission of Hard and soft copy of ABD in desired format (autocad/ dwg / GIS etc)		
A	PREPARATION OF AS BUILT DRAWINGS Feeder & Distribution	M	250000
<b>9</b>	<b>PRE EXECUTION SURVEY</b>		
A	Route Survey - Survey for locating the route and accessing the condition before starting construction. Submission of route detail (SLD) to understand scope of work by vendor	M	250000

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<b>10</b>	<b>Fault Rectification and preventive maintenance For 3 Years</b>		
A	1080087 PM of the OFC PON network laid Preventative maintenance of the OFC PON network laid, covered in the scope as executed b BA. Asper SLA ( Appended in the document)	M	250000
B	1080088 PM of Routers Switches Supply Preventive maintenance of the 1. Routers Cisco IR 1101 ( DC ) & Cisco 4200 AC.2. Switches CiscoE 2k & 9200 Series.3.Power Supply issue , Reconfiguration and hardware maintenance like cleaning of OFC patch chords & SFP with Isopropyl Alcohol, Fan Filter cleaning etc.	M	250000

**1.2. Availability of Tender Documents**

Please refer "Procedure to participate in the e-tender".

**1.3. Calendar of Events**

(a)	Date of availability of tender documents from TPCODL / TPWODL / TPNODL / TPSODL Website	01.07.2023
(b)	Last date and time of Payment of Tender Fee	10.07.2022, 17:00 Hours
(c)	Last Date of receipt of pre-bid queries, if any	12.07.2022, 17:00 Hours
(d)	Last Date of Posting Consolidated replies to all the pre-bid queries as received	17.07.2022, 17:00 Hours
(e)	Last date and time of receipt of Bids	26.07.2022, 18:00 Hours

**Note:** In the event of last date specified for submission of bids and date of opening of bids is declared as a closed holiday for TPCODL's office, the last date of submission of bids and date of opening of bids will be the day following working day at appointed times.

**1.4 Mandatory documents required along with the Bid**

- 1.4.1 EMD of requisite value and validity
- 1.4.2 Tender Fee.
- 1.4.3 Requisite Documents for compliance to Qualification Criteria mentioned in Clause 1.7.
- 1.4.4 Acceptance of Specification, drawing with filled in GTP as per Annexure II.
- 1.4.5 Duly signed and stamped 'Schedule of Deviations' as per Annexure III on bidder's letter head.
- 1.4.6 Duly signed and stamped 'Schedule of Commercial Specifications' as per Annexure IV on bidder's letter head.
- 1.4.7 Duly filled in Annexure V and VI.