

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	04-03-2025 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	04-03-2025 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	150 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Communications
Department Name/विभाग का नाम	Department Of Telecommunications (dot)
Organisation Name/संगठन का नाम	Bharat Sanchar Nigam Limited Portal(bsnl)
Office Name/कार्यालय का नाम	Cgm Cntx North Eastern Court Complex New Delhi
क्रेता ईमेल/Buyer Email	rajeshkumar69@bsnl.co.in
Item Category/मद केटेगरी	Cluster Outsourcing for Maintenance of Landline and Broadband network – OFC Network - Optical Fibre Cable; Attending all types of cable faults
Contract Period/अनुबंध अवधि	1 Year(s)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	16 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	5 Year (s)
Past Experience of Similar Services required/इसी तरह की सेवाओं का पिछला आवश्यक अनुभव है	Yes
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

Bid Details/बिड विवरण	
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Estimated Bid Value/अनुमानित बिड मूल्य	15838000
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
Schedule 1 EMD Amount/ईएमडी राशि (In INR)	63000
Schedule 2 EMD Amount/ईएमडी राशि (In INR)	82000
Schedule 3 EMD Amount/ईएमडी राशि (In INR)	67000
Schedule 4 EMD Amount/ईएमडी राशि (In INR)	48000
Schedule 5 EMD Amount/ईएमडी राशि (In INR)	68000
Schedule 6 EMD Amount/ईएमडी राशि (In INR)	69000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	18

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के

दायरे से बाहर रखा गया है।

(b). The EMD Amount will be applicable for each schedule/group selected during Bid creation.

(c). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

AO Cash HQ

AO(Cash) HQ, BSNL, NTR, CGM CNTX NORTH EASTERN COURT COMPLEX NEW DELHI, Department of Telecommunications (DOT), Bharat Sanchar Nigam Limited Portal(BSNL), Ministry of Communications (Ao Cash Hq, Bsnl, Ntr, New Delhi)

MII Compliance/एमआईआई अनुपालन

MII Compliance/एमआईआई अनुपालन	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.

3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price. The buyers are advised to refer to the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if the credentials of the service provider are validated on-line in GeM profile as well as validated and approved by the Buyer after evaluation of submitted documents.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

5. Past Experience of Similar Services: The bidder must have successfully executed/completed similar Services over the last three years i.e. the current financial year and the last three financial years(ending month of March prior to the bid opening): -

1. Three similar completed services costing not less than the amount equal to 40% (forty percent) of the estimated cost; or

2. Two similar completed services costing not less than the amount equal to 50% (fifty percent) of the estimated cost; or

3. One similar completed service costing not less than the amount equal to 80% (eighty percent) of the estimated cost.

6. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Additional Qualification/Data Required/अतिरिक्त योग्यता /आवश्यक डेटा

Scope of Work to be mentioned by Buyer:[1739269744.pdf](#)

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedule s	Estimated Value	Item/Category	Quantity
Schedule 1	2518000	Cluster Outsourcing For Maintenance Of Landline And Broadband Network - Ofc Network - Optical Fibre Cable; Attending All Types Of Cable Faults	Number of Clusters : 1
Schedule 2	3278000	Cluster Outsourcing For Maintenance Of Landline And Broadband Network - Ofc Network - Optical Fibre Cable; Attending All Types Of Cable Faults	Number of Clusters : 1
Schedule 3	2660000	Cluster Outsourcing For Maintenance Of Landline And Broadband Network - Ofc Network - Optical Fibre Cable; Attending All Types Of Cable Faults	Number of Clusters : 1
Schedule 4	1900000	Cluster Outsourcing For Maintenance Of Landline And Broadband Network - Ofc Network - Optical Fibre Cable; Attending All Types Of Cable Faults	Number of Clusters : 1
Schedule 5	2717000	Cluster Outsourcing For Maintenance Of Landline And Broadband Network - Ofc Network - Optical Fibre Cable; Attending All Types Of Cable Faults	Number of Clusters : 1
Schedule 6	2765000	Cluster Outsourcing For Maintenance Of Landline And Broadband Network - Ofc Network - Optical Fibre Cable; Attending All Types Of Cable Faults	Number of Clusters : 1

Cluster Outsourcing For Maintenance Of Landline And Broadband Network - OFC Network - Optical Fibre Cable; Attending All Types Of Cable Faults (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	

Specification	Values
Maintenance work for network	Optical Fibre Cable
Category of work	Attending all types of cable faults
Addon(s)/एडऑन	
Laying Down of New Cable(In case of damage of existing optical fibre)	NA
Additional Details/अतिरिक्त विवरण	
Name of Cluster	FRT Sangrur

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
1	Kuljinder Singh Dehar	148001,BSNL Main Telephone Exchange, Club Road, Sangrur	1	<ul style="list-style-type: none"> Approximate kms for maintenance of Optical Fibre during contract period : 265

Cluster Outsourcing For Maintenance Of Landline And Broadband Network - OFC Network - Optical Fibre Cable; Attending All Types Of Cable Faults (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Maintenance work for network	Optical Fibre Cable
Category of work	Attending all types of cable faults
Addon(s)/एडऑन	
Laying Down of New Cable(In case of damage of existing optical fibre)	NA
Additional Details/अतिरिक्त विवरण	
Name of Cluster	FRT Jalandhar

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
1	Balram	144001,BSNL Telephone Exchange Building, Opp. New Tehsil Complex, Master Tara Singh Nagar, Jalandhar-144001	1	<ul style="list-style-type: none">Approximate kms for maintenance of Optical Fibre during contract period : 345

Cluster Outsourcing For Maintenance Of Landline And Broadband Network - OFC Network - Optical Fibre Cable; Attending All Types Of Cable Faults (1)**Technical Specifications/तकनीकी विशिष्टियाँ**

Specification	Values
Core	
Maintenance work for network	Optical Fibre Cable
Category of work	Attending all types of cable faults
Addon(s)/एडऑन	
Laying Down of New Cable(In case of damage of existing optical fibre)	NA
Additional Details/अतिरिक्त विवरण	
Name of Cluster	FRT Chandigarh

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
1	Prithi Chand	160002,BSNL Nodal Centre, Plot No-6, Industrial Area PH-2, Ramdarbar, Chandigarh	1	<ul style="list-style-type: none"> Approximate kms for maintenance of Optical Fibre during contract period : 280

Cluster Outsourcing For Maintenance Of Landline And Broadband Network - OFC Network - Optical Fibre Cable; Attending All Types Of Cable Faults (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Maintenance work for network	Optical Fibre Cable
Category of work	Attending all types of cable faults
Addon(s)/एडऑन	
Laying Down of New Cable(In case of damage of existing optical fibre)	NA
Additional Details/अतिरिक्त विवरण	
Name of Cluster	FRT Hoshiarpur

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
1	Sanjay Joshi	146001,BSNL Telephone Exchange, Vakilan Bazar, Hoshiarpur PIN-146001	1	<ul style="list-style-type: none"> Approximate kms for maintenance of Optical Fibre during contract period : 200

Cluster Outsourcing For Maintenance Of Landline And Broadband Network - OFC Network - Optical Fibre Cable; Attending All Types Of Cable Faults (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Maintenance work for network	Optical Fibre Cable
Category of work	Attending all types of cable faults
Addon(s)/एडऑन	
Laying Down of New Cable(In case of damage of existing optical fibre)	NA
Additional Details/अतिरिक्त विवरण	
Name of Cluster	FRT Tarantaran

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
1	Rakesh Kumar	143401,BSNL Telephone Exchange Near Post Office Taran Taran	1	<ul style="list-style-type: none">Approximate kms for maintenance of Optical Fibre during contract period : 286

Cluster Outsourcing For Maintenance Of Landline And Broadband Network - OFC Network - Optical Fibre Cable; Attending All Types Of Cable Faults (1)**Technical Specifications/तकनीकी विशिष्टियाँ**

Specification	Values
Core	
Maintenance work for network	Optical Fibre Cable
Category of work	Attending all types of cable faults
Addon(s)/एडऑन	
Laying Down of New Cable(In case of damage of existing optical fibre)	NA
Additional Details/अतिरिक्त विवरण	
Name of Cluster	FRT Kotakpura

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Number of Clusters	Additional Requirement/अतिरिक्त आवश्यकता
1	Tara Chand	151204,BSNL Telephone Exchange Mukatsar Road, Kotakpura,	1	<ul style="list-style-type: none">Approximate kms for maintenance of Optical Fibre during contract period : 291

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. Generic**

OPTION CLAUSE: The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

2. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

3. Buyer Added Bid Specific Scope Of Work(SOW)

Text Clause(s)

SCOPE OF WORK

The tender is being floated for Outsourcing of SLA Based Comprehensive Maintenance of Optical Fiber cable (OFC) for Jalandhar BA of CNTx-North circle. The work includes preventive maintenance of the cable to avoid the faults/ cable cuts, repair of faults if it occurs. The OFC route will be handed over to the contractor after a joint survey of route in charge and representative of the contractor. Contractor has to deploy a Fault Restoration Team accordingly at sufficient designated place to maintain the OFC as per SLA.

Schedule 1 FRT Sangrur

S.No	Location of Outsourced FRT	OFC RKM to be Outsourced	Remarks
1	Malerkotla-Raikot 24 F	41	

2	Nabha-Samana 24 F	44	
3	Malerkotla-Sangrur 24 F	46	
4	Malerkotla-Nabha 24 F	36	
5	Patran-Narwana 24 F	46	
6	Raikot-Barnala 24 F	37	
7	Raikot-Barnala 12 F	37	22 Kms parallel to Ra ikot-Barnala 24F fro m
			Bhadalwar to Radha Swami Dera Raikot
	Total RKMs including parallel ro utes	287	
	Parallel Route RKMs	22	
	Total effective (Qualified) RKMs	265 (Approx.)	

Schedule 2 FRT Jalandhar

S.No	Location of Outsourced FRT	OFC RKM to be Ou tsourced	Remarks
1	Jalandhar-Phagwara via Dhina 2 4F	43	13 km Parallel Route of PGW-T-JDA 48F
2	PGW-T-JDA 48F 13.0	13	
3	Phagwara-Phillaur 24F	24	
4	Nawanshahr-Phillaur(N)24F	45	
5	Nawanshahr-Machhiwara 24F	36	
6	Jalandhar(F/P)-Hoshiarpur 24F	60	
7	Jalandhar(F/P)-Kapurthala 24F	33	

8	Kapurthala-Sultanpur Lodhi 24F	28	10 km Parallel Route of KPT-GWL 48F
9	Jalandhar-Hoshiarpur(A) New 24 F	47	
10	Kapurthala-Goindwal 48F	40	
	Total Rkm including parallel Route	368	
	Parallel Route km	23	
	Total Effective Rkm for Outsourcing	345 (Approx.)	

Schedule 3 FRT Chandigarh

S.No	Route Name	Route KMs	Remarks
1	DTS CHD SEC 17 - DTS ZIRAKPUR - (3)	17	7.805 Km parallel with DTS CHD Sec 17- DTS 12 Wing - 1 (8202)
2	DTS CHD SEC 17 - DTS MOHALI - (1)	12	
3	DTS MHL SEC 53 - DTS MOHALI - (1)	1	
4	DTS CHD SEC 49 - DTS RAMDARBAR - (1)	8	
5	DTS CHD SEC 34 - DTS CHD SEC 17 - (1)	5	
6	DTS CHD SEC 34 - DTS RAMDARBAR - (1)	5	
7	DTS MANIMAZRA - DTS PANCHKULA SEC 5 - (1)	6	
8	DTS CHD SEC 34 - DTS CHD SEC 49 - (1)	8	
9	DTS CHD SEC 7 - DTS CHD SEC 34 - (1)	5	
10	DTS PANCHKULA SEC 20 - DTS ZIRAKPUR - (1)	7	

11	DTS PANCHKULA SEC 20 - DTS RAMDARBAR - (1)	11	
12	DTS PANCHKULA SEC 5 - DTS PANCHKULA SEC 20 - (1)	8	
13	DTS CHD SEC 7 - DTS CHD SEC 17 - (1)	6	
14	DTS 712 IAF CHANDIGARH IAF - DTS RAMDARBAR - (1)	5	
15	DTS CHD SEC 17 - DTS MOHALI - (3)	8	
16	DTS PANCHKULA SEC 5 - DTS PANCHKULA SEC 20 - (2)	7	
17	DTS MANIMAZRA - DTS RAMDARBAR - (1)	7	
18	DTS CHD SEC 34 - DTS CHD SEC 49 - (2)	6	
19	DTS CHANDIMANDIR IAF - DTS MANIMAZRA - (1)	8	
20	DTS CHANDIMANDIR IAF - DTS PANCHKULA SEC 5 - (1)	7	1.5Km Parallel With DTS Chandimandir IAF-DTS Manimazra -1 (8200)
21	DTS CHD SEC 17 - DTS 12 WING CHANDIGARH IAF - (1)	13	
22	DTS CHD SEC 49 - DTS MOHALI - (1)	11	
23	DTS CHD SEC 17 - DTS PANCHKULA SEC 5 - (1)	11	
24	DTS CHD SEC 34 - DTS MOHALI - (1)	8	
25	DTS ZIRAKPUR - DTS RAMDARBAR - (1)	8	
26	DTS ZIRAKPUR - DTS RAMDARBAR - (2)	8	8Km Parallel With DTS ZKP-DTS Ramdarbar 01 (177403)
27	DTS ZIRAKPUR - DTS DERABASSI - (2)	11	
28	DTS CHANDIGARH - DTS MANIMAZRA - (1)	11	10 Km Parallel With CH Sec 17-PKL Sec 05 01 (8266)

29	DTS CHD SEC 7 - DTS RAMDARBAR - (1)	7	
30	DTS CHD SEC 17 - DTS CHD SEC 34 - (2)	5	4.63 Km Parallel route of CH Sec 17-Sec 34 (6206)
31	DTS CHD SEC 17 - DTS MOHALI - (2)	19	
32	DTS CHD SEC 17 - DTS PANCHKULA SEC 5 - (2)	14	
33	DTS KALKA - DTS SOL PARWANOO - (2)	3	
34	DTS ZIRAKPUR - DTS DERABASSI - (3)	16	2 Km parallel With ZKP-Dera bassi 02
35	DTS KALKA - DTS PANCHKULA SEC 5 - (2)	24	
	Total RKMs including parallel routes	314	
	Parallel Route RKMs	34	
	Total effective (Qualified) RKMs	280	

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Schedule 4 FRT Hoshiarpur

S.No	Location of Outsourced FRT	OFC RKM to be Outsourced	Remarks
1	Hoshiarpur- Dasuya 24F	45	
2	Dasuya-Hazipur 24F	23	
3	Dasuya-Mukerian 24F	20	18.7 km parallel to D YAMEN 12F
4	Dasuya-Mukerian 12F	19	
5	Mukerian-Talwara 24F	27	
6	Dasuya-Tandaurmur 24F	18	
7	Hoshiarpur-Gagret 24F	28	
8	Hoshiarpur-Tandaurmur 24F	39	

	Total RKMs including parallel routes	219	
	Parallel Route Kms	19	
	Total Effective RKM for outsourcing	200 (Approx.)	

Schedule 5 FRT Tarantaran:-

S.No	Location of Outsourced FRT	OFC RKM to be Outsourced	Remarks
1	Tarantaran-Goindwal 48F	33	5.5 Kms 24F OFC parallel route of TTN-GWL from village Dhotian to Village Jamarai
2	Tarantaran-Hariker 24F	43	6.5 Kms 48F OFC parallel route from TE TTN-Naurangabad with TTN-GWL 48F
3	TE Hariker-T Joint TE Makhu 48F	10	10 Kms parallel route with HRK-Zira 24F
4	Hariker to T-Joint Makhu TE 24F	11	
5	Amritsar-Taran Taran 24F-I	29	
6	Amritsar-Chabal-Taran taran 24F-II	44	
7	Goindwal-Beas 24F	37	6.9 Kms parallel routes with TTN-KDS-GWL 24F at TE GWL-Bibi Amro gate
8	Beas-Rayya 24F-I	8	4.0 Kms parallel route with GWL-Beas 24F
9	Taran taran-Patti 24F	30	
10	Patti-Hariker 24F	18	
11	Patti-Bhikhiwind 24F	23	
12	Tarantaran-Goindwal 24F	33	

	Total RKMs including parallel routes	319	
	Parallel Route RKMs	33	
	Total effective (Qualified) RKMs	286 (Approx.)	

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Schedule 6 FRT Kotakpura

S.No	Location of Outsourced FRT	OFC RKM to be Outsourced	Remarks
1	Bathinda-Kotakpura 24 F	52	50.007 Kms parallel route of Bathinda-
			Kotakpura 12F
2	Bathinda-Kotakpura 12 F	50	
3	Kotakpura-Faridkot 24F (new)	19	16.525 Kms Parallel Route of Kotakpura-Faridkot 24F
4	Kotakpura-Faridkot 24F	17	
5	Faridkot-Ferozepur 24F (Old)	35	34.060 Kms parallel route of Faridkot-Ferozepur 24F (New)
6	Faridkot-Ferozepur 24F (New)	34	
7	Kotakpura-Moga 12F	49	
8	Zira-Moga 48F	29	
9	Zira-Makhu 48F	16	15.5 Kms Parallel Route of Zira-Makhu 24F
10	Zira-Makhu 24F	16	
11	Zira-Dharamkot 24F	26	
12	Kotakpura-Mukatsar 6F	32	
13	Malout-Mukatsar 24F	35	

	Total RKMs including parallel routes	407	
	Parallel Route RKMs	116	
	Total effective (Qualified) RKMs	291 (Approx.)	

Scope of work of the contract includes: To provide man power/ machines for

- 1). Protection work of Cable during Road widening / Drainage / Canal / pipeline works as assigned.
- 2). Temporary / Permanent Restoration of OF Cable during OF Cable faults due to Road widening / Drainage / Canal / pipeline works
- 3). Reinstatement of Already overhead OF cable section
- 4). Making existing cable over head for protection / restoration of faults
- 5). Permanent reinstatement of damaged / over head cable / patches developed during the tender contract Period & associated civil works.
- 6). Recovery of over head OF cable after completion of reinstatement work.

This scope and specification covers the preventive maintenance, scheduled and planned Maintenance and break down corrective maintenance activities to be carried out by the contractor for OFC routes of BSNL. The route index drawings will be provided to the contractor by BSNL during the currency of the maintenance contract. However, the locations of the cable as reflected in the drawings/ details are indicative only and it is the responsibility of the contractor to determine the actual location along the routes. At certain sections multiple OFC cables have been laid on the same trench/ other side of the road. The bidder is required to visit the sites and ascertain the geographical conditions and its latest status. In view of road widening, some portion of OFC has come under tar surface of the road and at some place OF cable has been drawn on overhead temporarily.

The detailed scope of contract is asunder:

1. Preventive Maintenance:

Sufficient number of SLA Based Party subject to minimum one FRT for every 300 Km or part of thereof if specified in tender document in normal terrain & 250 Km or part of thereof if specified in tender document in hilly area along with sufficient number of Vehicle, Man, Machine must be stationed at mid station of the route to have a quick movement to fault on either side. The fault must be attended within 4 hours to avoid penalty charges as per SLA. When there is no fault the OFC improvement works such as attending break fibers, splice losses, minimization of Joints and positioning of route/joint indicators and chambers as per instruction from site Engineer. Route Patrolling should start early in the morning from both the ends or towards both the ends to have strict vigil on occurrence of fault.

- 1.1 The primary focus is to **avoid the occurrence of OFC cuts** with intensive patrolling and Surveillance along the OFC routes.
- 1.2 Contractor has to keep good rapport and co-ordination with the all Government and Non-Government bodies/ authorities and also farmers/ land owners to collect their plan of activities for the routes, which may prevent damages to the OF Cables.
- 1.3 There shall be one patrolling team per stretch for distances up to 100 km cable route, for patrolling the allotted stretches. **Route length shall be in physical road length and not OFC length.** The exact route length shall be ascertained by the Contractor after conducting a Joint inspection /Survey along with the designated officer of BSNL. The survey report shall be duly signed and submitted by the designated authorities from both the parties within **10 days from the date of APO.** The Contractor shall deploy the following manpower along a route of 100 Km for patrolling:
 - a) 1 No. of Patroller with Motorcycle.
 - b) 1 No. of Reliever for Patroller.
- 1.4 Contractor shall arrange trained manpower to replace any regular member of the patrolling team who may be absent on grounds of sickness/leave/emergency or as the case may be. Under

no circumstances shall any stretch of the OFC route be left un-patrolled on any grounds whatsoever.

- 1.5 The Patroller of the Contractor has to patrol entire section of 100 km to and fro daily in any route as per field requirement, irrespective of holidays. However, the contractor shall carry out the additional patrolling whenever it is necessary as per the actual site conditions. The patrolling timings shall vary as per the actual requirements. The patrolling teams have to be vigilant in respect of OF routes where road expansion/construction activities are in progress.
- 1.6 The patrolling teams shall be available on 24 hours basis on all the days in a week on Mobile phone for information about any potential activity that may cause damage to OFC along the route.
- 1.7 The patrolling team shall have two mobile phone connections from different service providers Out of which one shall be from BSNL. This is required for ensuring the uninterrupted communication during unforeseen situations.
- 1.8 The patrolling team shall call from predetermined landline telephone numbers en-route to the designated officer of BSNL, for informing that the patroller has reached the locations and also to brief the events noticed during patrolling.
- 1.9 While patrolling, the Patroller has to keep a close watch on the OFC as well as activities going on around it and make all necessary observations. The Contractor shall also closely liaison with the following authorities so as to update himself with the proposed works that may be executed by them in near future. The Contractor shall safeguard BSNL OFC against any signs of damage or potential damages, which is required to avoid OFC cuts that may arise during the execution of works by those authorities/ agencies. The Contractor shall take suitable precautionary steps in consultation with designated officer of BSNL ahead of time, such as **re-routing of OFC either underground or overhead**, providing additional protection to the existing alignment etc. The activities which are likely to cause damages to OF cable are as under: -
 - i) National Highway works such as widening of roads, embankment works, major bridge, subway, Flyover, culvert works and tar melting work on the cable routes, which may cause damage to the cable.
 - ii) State Highways, R&B Departments as mentioned above.
 - iii) Water Supply Department works may trench on our cable route and as such extreme care is to be taken.
 - iv) Railway department works such as construction of over bridges/ under bridges, etc.
 - v) Forest department works, such as plantation / removal of trees on the cable routes, which may cause damage to cable.
 - vi) Electricity board works like trenching on our cable routes, erection /removal of electricity boards posts on cable routes, etc.
 - vii) Other Telecom Operators activities like trenching, HDD (Horizontal Directional Drilling), erection of Telegraph posts etc., and the like by other local telephone/BSNL working parties.
 - viii) Any and all Central / State / District / Municipal / Local / Panchayat/ Political Authorities / Agencies / Bodies, etc.
 - ix) Putting up of pandals, by social organizations in connection with the visit of VIP meetings and functions.
 - x) and Municipal Authorities of the area.
 - xii) Excavation / Renovation work being undertaken by private land owners through which BSNL OFC is passing.
 - xiii) Any other works/ activities which may damage the BSNL OF Cable.
- 1.10 Contractor has to keep a good rapport and effective coordination with local bodies/ agencies including those mentioned above, of their proposed activities which may pose a threat to the OFC. On receipt of any such information the Contractor must immediately inform the designated officer of BSNL and undertake all precautionary measures including temporary/ permanent rerouting of cable either by underground or overhead works that will prevent any harm or damage to the OFC and will save the revenue of the company.
- 1.11 If the Patroller observes that work is being carried out in and around the OFC route alignment by any Contractor/ Individuals, he must take charge of the situation, take preventive action immediately and inform the designated officer of BSNL. He must proceed on his further patrolling duties after handing over charge of the situation to a Reliever from the Contractor's team.
- 1.12 Contractor also has to ensure that, the Route indicators already placed at regular intervals along the routes are not stolen. The missing/ damaged indicators if any shall be planted by the contractor as per BSNL specifications for which the indicators will be supplied by BSNL.

- 1.13 In certain situations where the weather does not permit patrolling by motor cycle, then a vehicle/ public transport shall be engaged for the purpose of patrolling.
- 1.14 **By Walking along the path** where overhead OF cable is laid, the condition of the overhead OF cable shall be monitored. In case of any sagging of the over head alignment, immediate action shall be taken by the contractor to correct it as per the advice of designated officer of BSNL.
- 1.15 The contractor will provide vehicle for the joint visit of his supervisor and route incharge (SD E/JTO) for the monitoring of the route twice a month during the period of tender.
- 1.16 Contractor has to maintain Management Information System (MIS) reports on a regular basis as per BSNL approved formats and will submit to the designated officer of BSNL within the specified time limits.
- 1.17 The Patrolling Team shall record it's observations in the register kept at BSNL designated locations and shall also convey the same to respective designated officer of BSNL.

Patrolling and supervision: -

The contractor should arrange to depute one supervisor on the report of patrolling person if there is any work going along the route which will be of long duration such as widening and leveling of road, sewerage works, highway digging and construction, uprooting of trees or large maintenance work on highways. The contractor should arrange to send the supervisor/team for the protection and keeping watch for the safety of BSNL of network during the duration of completion of work and ensure fault free network for the BSNL. The supervisor will be responsible for contacting the FRT of contractor and arrange for restoration of the network as per tender requirement in the event of any fault to the network. Regular information to the concerned BSNL Officer will be the responsibility of the supervisor arranged by the contractor.

One FRT is to be placed for upto every 300kms/250kms part of thereof if specified in tender document of OFC route in normal terrain and hilly terrain respectively as per latest BSNL guidelines. Fault team and patrol team of FRT will use BSNL app for tracking (Transnet). BSNL may ask to use any third party app for tracking purpose. Day-wise tracking record will be preserved and submitted with the monthly invoice. However, if tracking is not possible due to network coverage issue or any other reason, the certificate from the concerned DE/AGM is to be submitted with the invoices.

2. Corrective Maintenance:

- 2.1 The OFC cuts can happen due to the activities of various agencies as listed at clause 1.9 above or due to any other reason. In spite of the efforts of the contractor to prevent the cable cuts, if cable cuts occur, the contractor shall restore the fault within the permissible time period as specified at clause 12 under SLA. The fault restoration shall be done on a permanent basis.
- 2.2 However it may not be practical to do permanent restoration of all cases. Wherever it is not able to restore the fault permanently, temporary restoration can be resorted to avoid traffic loss at contractor's own cost and permanent restoration can be done subsequently by the contractor under scheduled & planned OFC improvement works.
- 2.3 The corrective maintenance activities to be carried out by the contractor are broadly classified as under:
 - a) Localization of OFC breaks
 - b) Obtaining permissions from the concerned local authorities
 - c) Excavation of earth to expose cable for fault rectification
 - d) Identification of broken OFC ends and laying additional OFC
 - e) Laying of required length of OFC with protection wherever required
 - f) Testing of fibers
 - g) Preparation of jointing pit and back filling of pit with Sand, soil etc.
 - h) Splicing of cable
 - i) Construction of joint chamber for OFC joint
 - j) Planting of cable Route indicators and Joint indicators
 - k) Final Testing of OFC splices loss at the joint from the terminal station using power meter.
 - l) **Final updation of route index diagrams with longitude and latitude of joint pit/hand holes.**
- 2.4 On receipt of information of OFC fault, the Fault repair team (FRT) shall move immediately for locating and rectifying the fault as per the response time specified at clause 12.0, under

SLA in this section.

- 2.5 After attending the fault, and ensuring the splice loss is within limits as specified above, the route index diagram shall be updated by incorporating the new details like OFC coils used at the joint and other locations. The specification of OFC splicing work is furnished at ANNEXURE-4.
- 2.6 Response time is the time taken by the Contractor to mobilize (set in motion) all the necessary resources (like materials, labour and equipment) required for attending the fault. It shall be maximum **half-an-hour** from the time BSNL so advises, and the intimation to the contractor will be through SMS/ E-mail/ telephone.
- 2.7 Restoration of all systems / fibers in the OF cable shall be ensured **within 4 hours** and in extreme cases only where the permanent restoration is not possible immediately, temporary restoration shall be made within **4 hours** with the approval of BSNL. However, permanent restoration shall be done during night hours after getting maintenance shut down within 7 days of temporary restoration. The contractor has to submit a detailed report regarding the cause of fault, restoration details within 24 hrs to the designated officer of BSNL.
- 2.8 During the corrective action by the contractor, in case other service cables/utilities like existing OFC, local telephone copper cable, water pipes, electricity cables, any other pvt./ public Property etc. are damaged, the penalty/ compensation if any, shall be borne by the Contractor only. The restoration of all such damages caused will be rectified immediately by the contractor at his own cost. However this shall not hamper the BSNL OF cable restoration activity.
- 2.9 The route index diagram with offset, along with route and joint indicators etc., details shall be prepared and updated immediately after the rectification of OF cable fault by the contractor.
- 2.10 The FRT team will take photos at the fault site before restoration and after restoration of the cable fault and will hand over the print as well as digital version to the site incharge at the time of submission of the bill on monthly basis.

2.11 Damages/ Theft of OF cables: -

Incident Report for all damages/ theft of OF cables shall be submitted by the Contractor to the concerned Police station through the designated officer of BSNL and photos taken immediately on the spot and submitted to BSNL. FIR shall be taken from concerned police station and submitted to THE DESIGNATED OFFICER OF BSNL. The contractor shall own a **camera with a provision for date and time stamp for the photos taken**. The necessary documentation required and compiled by the Contractor including investigation report is to be submitted to the DESIGNATED OFFICER OF BSNL.

- 2.12 If any service rendered by the vendor is found defective or abnormal delay, the same shall be got completed from outside or BSNL source and the cost of any such work made by BSNL shall be deducted from the amount payable to the contractor.
- 2.13 The FRT team may be deployed at every 300km or part of thereof if specified in tender document for plain area and 250 Km or part of thereof if specified in tender document in hilly area which may vary as per the field requirement.
- 2.14 Use of CBuD app by FRTs:- FRT will use CBuD app (Call before you dig) to avoid damage to other utilities. Damage (if any) will be paid by successful bidder only.

3. Scheduled & Planned Maintenance:

- 3.1 The scheduled planned Maintenance is a planned activity for improving the quality of fibers in a OF cable for bringing the overall section loss within the permissible limits. The standard OF section loss specified per KM is 0.3 dB at 1550nm. The standard splice loss is specified as < 0.1dB for all joints/ tapings. The fibers in a section shall have continuity from end to end. This planned activity is required to be done at regular intervals with prior planning by BSNL and the contractor jointly. Though it is desirable to maintain the parameters as above, value of parameters with respect to that available in the first quarter of the contract period has to be maintained or bettered.
- 3.2 The planned maintenance activity shall be carried out with prior approval of designated officer of BSNL.
- 3.3 The scheduled planned activity caters to the following activities:-
 - a) Restoration of temporarily laid OFC, which might have been resorted to while carrying out fault restoration or temporary cable protection.
 - b) Regularization of temporary OFC joints which might have been done to restore the traffic.

- c) Check for rectification of fault to avoid repeat faults.
 - d) Protection for the exposed OFC due to various reasons.
 - e) Laying of OF cable on overhead for the sections, identified by BSNL.
 - f) Cable exposed due to soil erosion.
 - g) Re-splicing of fibers for improving the fiber performance.
 - h) Verification of route and joint indicators.
- 3.4 The fiber loss measurements shall be taken and submitted to the designated officer of BSNL by the contractor as specified under clause 4.2 (Submission of Reports).

4. THE CONTRACTOR'S OFFICE:

4.1 The Contractor's office shall be equipped with the following facilities within 7 days from the issue of APO:

- a) Land line and Mobile,
- b) Internet, E-mail facility with PC

The contractor's office should be located in **Station of Division Headquarter**, however for operational convenience it is preferable that the contractor may have multiple offices falling under the jurisdiction of **CNTx-North**.

4.2 SUBMISSION OF REPORTS:

The contractor shall be responsible for submitting timely reports as per Clause 15.1 of [Section-V](#).

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Any ATC clause in contravention with GeM GTC Clause 4 (xiii)(h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

This Bid is governed by the [General Terms and Conditions/सामान्य नियम और शर्तें](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in General Terms and Conditions/सामान्य नियम और शर्तें is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action

in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---