



RCIL/ED/NR/OFC/PTK-JDNX/2018-19/1660

Dated: 02.04.2019

रेलटेल  
RAILTEL  
मिनी रत्न उपक्रम  
A Mini Ratna Enterprise


**CORRIGENDUM No. – 2**

**Sub: Open Tender No.: RailTel/Tender/OT/NR/OFC/PTK-JDNX/2018-19/13  
dated: 13.03.2019**

**Ref: OT Notice dt: 14.03.2019 posted on RailTel website on 14.03.2019**

With reference to above Open Tender, following changes are done in Tender Document given as under:

SN	Corrigendum/Amendment to Tender Conditions/Clauses	Annexure
1	Open Tender Notice (Page No. 3-4 of Tender Document)	Annexure I
2	Offer Letter (Page No. 6-7 of Tender Document)	Annexure II
3	Bid Data Sheet (Page No. 91-93 of Tender Document)	Annexure III
4	Forms of Tender, Offer Letter (Page No. 95-96 of Tender Document)	Annexure IV
5	Schedule of Requirements (Page No. 115-118 of Tender Document)	Annexure V

  
(Yashpal Singh Malik)  
General Manager/Project  
For Executive Director/N. Region

रेलटेल कॉर्पोरेशन ऑफ इण्डिया लिमिटेड (भारत सरकार का एक उपक्रम, रेल मंत्रालय)

**RailTel Corporation of India Ltd. (A Government of India Undertaking, Ministry of Railways)**

Northern Region & Regd. Office : 6th Floor, Block-III, Delhi IT Park, Shastri Park, Delhi - 110053.

CIN : U64202DL2000GOI107905 Tel. : +91 (11) 22185933, 22185934 • Fax : +91 (11) 22185978

E-mail : ednr@railtelindia.com • www.railtelindia.com

कॉर्पोरेट कार्यालय : प्लॉट नं० 143, संस्थानिक क्षेत्र, सेक्टर-44, गुडगांव-122003 (हरियाणा)

**Corporate Office :** Plot No. 143, Institutional Area, Sector-44, Gurgaon-122003 (Haryana)

Tel. : 0124-4236084, 85, 89 • www.railtelindia.com

## Annexure I

RailTel Corporation of India Limited  
(A Govt of India Enterprise)  
Regional Office: 6<sup>th</sup> Floor, Block III, Delhi IT Park,  
Shastri Park, Delhi-110053  
OPEN TENDER NOTICE

E-Tender Notice No.RailTel/Tender/OT/NR/OFC/PTK-JDNX/2018-19/13  
Dated: 13.03.2019

Executive Director, RailTel Corporation of India Limited, Northern Region , New Delhi, invites the sealed Open Tenders in "single packet" system from established contractors with proven experience for the work of "Trenching, Laying, Splicing, Termination, Testing and Commissioning for laying of Optical Fiber Cable in Pathankot-Joginder Nagar Section of Firozpur Division(Under OFC work of 1000KVM in RailTel Northern Region)."

E-Tender down loading	From 14.03.2019 to 24.04.2019 ONLINE ONLY
Last date & time of downloading	Up to 14:30 hrs on 24.04.2019 ONLINE ONLY
Submission of bids	upto 15:00 hrs on 24.04.2019 (If the date of opening happens to be a holiday the tender will be opened on next working day at same time.) ONLINE ONLY
Opening of bids	At 15:30 hrs 24.04.2019 ONLINE ONLY
Approx value of Contracts	Rs. 6,37,86,195/- (Tax Inclusive)
Earnest Money EMD #	Rs. 12,75,800/-
Completion period:	120 days from the date of issue of LOA
Validity of offer:	45 days from the date of opening of tender.
Cost of Tender Document:	Rs. 5,900/- (Five Thousand Nine Hundred only)- incld GST @18%

### Note:

1. Tender Notice and Tender Document are available on RailTel's website and can be downloaded from [www.railtelindia.com](http://www.railtelindia.com) or from the e-Tendering portal <https://www.tcil-india-electronictender.com>. For online bid submission the tenderer will have to necessarily download an official online copy of the tender documents from TCIL's e-portal. All future Information viz. corrigendum /addendum/ amendments etc for this Tender shall be posted on the e-Tendering Portal only. Printed copy of Tender document will not be sold from RailTel office.
2. The cost of Tender Document Rs. 5900/- (including taxes) shall, however, have to be deposited in the

form of Demand Draft payable at New Delhi at RailTel Office , RailTel Corporation of India Ltd.  
Delhi IT Park ,Block-III, 6TH Floor,Shastri Park,New Delhi-110053.( DD Must be submit before  
15:00hrs on 24.04.19)

3. For more details see Chapter 2-A , item 6.(In Case of discrepancy Chapter 2 A conditions will prevail)

4. The bidder shall bear all costs associated with the preparation, submission/participation in the bid. Purchaser in no way will be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.

5. JV/Consortium are not allowed.

6. Tender without earnest money shall be summarily rejected.

7. Tender without Notorized FORM 2 A shall be summarily rejected.(Notorized affidavit Must be submit before 15:00hrs on 24.04.19)

  
GM/Project

For Executive Director/Northern Region

## Annexure II

Form No. 1

### OFFER LETTER

To

The Executive Director, Northern Region,  
RailTel Corporation of India Limited,  
6<sup>th</sup> Floor, Block III,  
Delhi IT Park, Shastri Park,  
Delhi-110053

I/We \_\_\_\_\_ have read the various conditions detailed in tender documents attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this tender open for acceptance for a period of 45 days from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money. I/We offer to do the work of **“Trenching, Laying, Splicing, Termination, Testing and Commissioning for laying of Optical Fiber Cable in Pathankot-Joginder Nagar Section of Firozpur Division (Under OFC work of 1000RKM in RailTel Northern Region).”** at the rates quoted in the attached schedules and hereby bind myself/ourselves to complete the work within **120 days** from the date of issue of Letter of Acceptance of the tender. I/We also hereby agree to abide by the various Conditions of Contract and to carry out the work according to the Specifications for materials and works laid down by the RailTel for the present contract.

2. A sum of Rs. 12,75,800/- (Rupees Twelve Lakh Seventy Five Thousand Eight Hundred Only) as a Account Payee Demand Draft No. \_\_\_\_\_ dated \_\_\_\_\_ issued by \_\_\_\_\_ is herewith forwarded as “Earnest Money”. The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if,

I/We do not execute the contract agreement within 15 days after receipt of notice issued by the RailTel that such documents are ready or

I/We do not commence the work within 15 days after receipt of orders to that effect.

Until a formal agreement is prepared and executed the acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the “Letter of Acceptance” of my/our offer for this work.

SIGNATURE OF CONTRACTOR (S)

Date

SIGNATURE OF WITNESS

CONTRACTOR (S) ADDRESS

1.

2.

ACCEPTENCE OF TENDERS

I accept the tender as above and agree to pay the rate as entered in Schedule of Requirements.

WITNESS

For and on behalf of

RailTel Corporation of India Limited,  
Northern Region, New Delhi-110053

Date

**Annexure III****BID DATA SHEET (BDS)**

Reference Clause	Description
<b>Name of the Work:</b> (Preamble Clause1)	<b>"Trenching, Laying, Splicing, Termination, Testing and Commissioning for laying of Optical Fiber Cable in Pathankot-Joginder Nagar Section of Firozpur Division (Under OFC work of 1000RKM in Northern Region."</b>
<b>List of Section/s where work for RailTel is to be done:</b> (Preamble Clause 2.4)	<b>Pathankot-Joginder Nagar Section of Firozpur Division.</b>
<b>Pre bid Conference:</b> (Preamble Clause 3)	<b>NOT APPLICABLE</b>  Venue:  Date:  Time:
<b>Last Date, Time and Venue of Submission of Tender:</b> (Preamble Clause 6)(online bidding& offline document to be submitted)	Venue: RailTel Corporation of India Ltd,  Northern Region Office,  6 <sup>th</sup> Floor, Block III, Delhi IT Park,  Shastri Park, Delhi-110053 Date: 24.04.2019 Time: 15:00 hours
<b>Date, Time and Venue of Opening of Tenders:</b> (Preamble Clause 7)	Venue: Same as above  Date: 24.04.2019  Time: 15:30 hours
<b>Completion Period of Work:</b> (Preamble Clause 8)	120 days from the date of issue of Letter of Acceptance (LOA).

<b>Authority and Address:</b> (Preamble Clause 9)	Executive Director, Northern Region, RailTel Corporation of India Ltd, 6 <sup>th</sup> Floor, Block III, Delhi IT Park, Shastri Park, Delhi-110053
<b>Earnest Money:</b> (Preamble Clause 10)	Rs. 1275800/- (Rupees Twelve Lakh Seventy Five Thousand Eight Hundred Only)
<b>Form of Earnest Money:</b> (ITT Clause 7.4)	Pay Orders/Demand Drafts shall be drawn in favour of RailTel Corporation of India Limited, payable at New Delhi having validity covering 45 days beyond the opening of tender.
<b>Work to be done by RailTel (if any):</b> (Preamble Clause 15)	NIL
<b>Materials to be supplied by RailTel (if any):</b> (Preamble Clause 16)	<p>RailTel will not supply any material except as under:</p> <ol style="list-style-type: none"> <li>1. 24 Fibre Armoured Optical Fibre cable</li> <li>2. HDPE Duct (33/40 mm dia).</li> </ol> <p>The materials shall be supplied from the store of Site Engineer of section. No extra transportation cost shall be paid by RailTel to contractor for utilising in the section.</p> <p>In case the above material is required to be transported from any other RailTel depot to the store of site engineer, transportation cost shall be paid as per item in SOR.</p>
<b>Unit Prices:</b> (ITT Clause 12)	The unit rate and the prices shall be quoted by the bidder entirely in Indian Rupees (INR) only. Quoting in Foreign currency is not applicable to the present tender even for the imported items/ components of the Schedule of Requirements.
<b>Validity of offer:</b> (ITT Clause 13)	45 days (Forty Five days) from the date of opening of tender

<b>Minimum Qualifying Criteria:</b> (ITT Clause 19.1.4(i))	<b>I. Technical:</b> 1.1 The tenderer should have completed in the last three financial year (i. e. current year and three previous financial years) at least one similar single work for a minimum value of 35% of the advertised tender value of the work.(i.e. Rs. 2,23,25,168/-) 1.2 Similar nature of work physically completed within the qualifying period, i.e. the last 3 financial year and current financial year (even though the work might have commenced before the qualifying period) shall only be considered in evaluating the eligibility criteria. 1.3 The total value of similar nature of work completed during the qualifying period and not the payments received within qualifying period alone, shall be considered.
<b>Annual Turnover:</b> [ITT Clause 19.1.4 (ii) ]	<b>II. Financial:</b> The Tenderer should have received during last three years total contract amount of minimum of Rs. 9,56,79,293/-(i.e. 150% of the advertised tender value of the work.)
<b>Meaning of similar Works:</b> (ITT Clause 20)	For this tender "similar single work" means at least one complete work comprising of: Trenching, Laying, Jointing, Splicing, Testing and Commissioning of Optical Fiber Cable. Works similar to the scope of work as contained in this tender shall mean the work as indicated in Tender Notice & executed in India as per the scope of the work/specifications given in the Tender document executed for Govt./PSU's /reputed Private organization dealing with OFC net works, Telecom utilities only. In case of mixed nature of work, cost of above-mentioned activities should constitute atleast 60% of the total cost of work.
<b>Period of Maintenance:</b> (SCC Clause 24)	12 months from the date of issue of the certificate of completion/Professional Acceptance Certificate (PAC).
<b>Maintenance Supervision:</b> (SCC Clause 26.3)	The contractor shall be responsible for proper maintenance supervision of work for a period of 12 months from the date of issue of Provisional Acceptance Certificate (PAC) of each section/block section.
<b>Warranty :</b> (SCC Clause 29)	All materials supplied/work done by the contractor shall be guaranteed against the defects for a period of 12 months from the date of issue of Provisional Acceptance Certificate (PAC).



<b>Security Deposit:</b> (GCC Clause 16.2, Chapter – 3, Section-I, Part I)	Security deposit should be 5% of contract value.
<b>Contract Performance Guarantee:</b>  (SCC-Clause 3, Chapter –4, Section-I)	Contract Performance Guarantee should be 5% of Contract value.

**Annexure IV**

**Form No. 1**

**OFFER LETTER**

To  
The Executive Director, Northern Region,  
RailTel Corporation of India Limited,  
6<sup>th</sup> Floor, Block III,  
Delhi IT Park, Shastri Park,  
Delhi-110053

I/We \_\_\_\_\_ have read the various conditions detailed in tender documents attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this tender open for acceptance for a period of 45 days from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money. I/We offer to do the work of **“Trenching, Laying, Splicing, Termination, Testing and Commissioning for laying of Optical Fiber Cable in Pathankot-Joginder Nagar Section of Firozpur Division (Under OFC work of 1000 RKM in RailTel Northern Region).”** at the rates quoted in the attached schedules and hereby bind myself/ourselves to complete the work within **120 days** from the date of issue of Letter of Acceptance of the tender. I/We also hereby agree to abide by the various Conditions of Contract and to carry out the work according to the Specifications for materials and works laid down by the RailTel for the present contract.

2. A sum of Rs. 12,75,800/- (Rupees Twelve Lakh Seventy Five Thousand Eight Hundred Only) as a Account Payee Demand Draft No. \_\_\_\_\_ dated \_\_\_\_\_ issued by \_\_\_\_\_ is herewith forwarded as “Earnest Money”. The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if,

I/We do not execute the contract agreement within 15 days after receipt of notice issued by the RailTel that such documents are ready or

I/We do not commence the work within 15 days after receipt of orders to that effect.

Until a formal agreement is prepared and executed the acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the “Letter of Acceptance” of my/our offer for this work.

SIGNATURE OF CONTRACTOR (S)

Date

SIGNATURE OF WITNESS

CONTRACTOR (S) ADDRESS

1.

2.

ACCEPTENCE OF TENDERS

I accept the tender as above and agree to pay the rate as entered in Schedule of Requirements.

WITNESS

For and on behalf of

RailTel Corporation of India Limited,  
Northern Region, New Delhi-110053

Date

**Annexure V****Schedule of Requirements**

<b>SOR for OFC laying in Pathankot-Joginder Nagar Section of Firozpur Division</b>					
1	Digging of 1.2mtr deep and .3 mtr wide trenches in all types of soil except in Hard & rocky soil, in City Area backfilling the trench after laying of telecom cable. It include clearing of roots of trees and bushes and temporary obstructions on the selected cable route ramming of soil and planting of cable route marker(As per RailTel specification) at every 50 mtr and at every location where direction of trench change the item include covering of laid cable by sieved soil up to 5cm. Where digging of 1.2 mtr depth is not possible or depth is reduced/increased as per instructions given by engineer in charge then payment will be decreased/increased proportionality to the depth of trench this item include supply of cable route marker as per RailTel specification.	KM	24	44963.86	1079132.64
2	Laying of (HDPE duct) in the trenches and in protective works already provided including in HDD portion and supply, pulling of nylon rope through it at different places as per the directions of engineer in charge or site engineer.	Km	172	4526.26	778516.72
3	Supply and Installtion of Rack Mounted Fiber Management system 19 " with all installtion material, Splicing, Termination and testing of 1X24 (Rly) /2X24(RCIL) fiber of cable with all connectors material as per instruction of site Engineers.	Nos	15	21822.15	327332.25
4	Supply and Installation of Optical fiber cable joint enclosure as per TEC spec no. GR/OJC/02/01/march 99 with latest amendment (joint enclosure shall be of TVSE,R&M , Raychem or 3M make) and splicing of Optical fiber cables (2*24 fiber) This includes provision of joint pit ( RCC/Prefebricated) as detailed in technical specifications and as advise	Nos	140	11749.01	1644861.40

	by Engineer at site.				
5	Blowing/drawing of OFC in the HDPE duct and in protective works already provided.	kms	180	9305.30	1674954.00
6	Supply , Fixing of 10 pair CT box and termination of cable as per detail approved by site engineer . CT box to be supplied only after sample/drawaing approved by enginner incharge this item also covers the termination and sealing of Block DPs.	No	15	1706.26	25593.90
7	Supply, Testing & commissioning of Desk type 2W, 12 way DTMF selective calling telephones with required power supply as per IRS:TC:80/2000 with amnd 1 or latest. It also includes supply of telephone stand as per site requirement.	Nos	15	3959.90	59398.50
8	Laying of 10 Pair PIJF cable of various sizes in the trenches, as per cable chart and technical specification.	Km	1	5941.00	5941.00
9	Installation of Teleom Earthing arrangement in side the equipment room and out side, the as per technical specifications and other stilpulations of tender document. this includes supply of materials such as copper stripes etc (Earth resistance value shall be less than one ohm.)	Nos	15	22783.39	341750.85
10	Supply & Fixing of PPRC Pipe 75mm PN 16 IS 15801 (2008) with coupling on culverts Bridges including material for fixing arrangements consist of MS Channel of size 1250x100x50mm	Mtr	5000	656.68	3283400.00
11	Leading in arrangement of OFC cable inside survice building by providing large G.I Band at bottom and vertical G.I pipe of 75 mm dia. The vertical pipe shall be taken 75 mm above the floor level & the mouth of the pipe shall be covered by plastic cap. The floor shall be restored to the original condition	Nos	15	827.57	12413.55

12	Supply & Mounting of Aluminium ladder as per drawing encloser with the document. This includes mounting of terminal joint & dressing of spare OFC with suitable plastic clamps/ Bands	mtr	150	349.23	52384.50
13	Loading, Unloading and transportation of cable drums of Optical fiber cable /HDPE coil from depot to the site of work measurement for the purpose shall be rail track km.	Drum Km	138996	3.68	511505.28
14	Final testing & commissioning (Hop-wise as well as End-to-End) as per instructions contained in the technical specn., this includes the supply of the complete set of documentation (three sets of hard copy, one set on CD) of test report & as built route plans in A3 size AutoCad Format.	LS	1	35247.04	35247.04
15	Horizontal Drilling by using machine at minimum depth of 1.5 mtr below the formation level of earth or as per decision of RCIL Engineer.	Mtr	2000	223.85	447700.00
16	Supply, Transporting & Fixing of Cable Route markers where the route of the cable changes, on either side of culverts, bridges, L.C Gates, Road cuttings, at JOINT CHAMBER etc. These shall be standard RCC with letters "RCIL OFC" engraved & suitably painted. They shall be painted Green when placed near Joint Chambers & shall be painted with Orange at all other places. The engraved portion RCIL OFC should be painted with Black. The Height is 90 cm., width 30 cm. & thickness 8 cm as per the drawings supplied. for Cable route and joint chamber	Nos	1900	240.76	457444.00
17	Supply & fixing of Electrical Earth at Cable hut and other places as advised by the engineer .This includes supplies of all required for the work such as copper wires/strips/, GI Pipes, copper plate, charcoal, salt etc, as per the technical specification & drg provided by. Its value less than 5 Ohm.	Nos	15	10138.52	152077.80

18	Excavation of trench in Hard Rock mixed with boulders 300 mm wide at the bottom and 1 mtr deep atleast 600mm trenching and refilling the same with 1:3:6 (CC) of Depth at least 75mm	Km	107	362880.00	38828160.00
19	Concreting is to be done in rocky areas where OFC is to be protected and to keep the route marker in position . At bridges and culverts to protect OFC on approaches and wherever necessary as directed by RCIL engineer. The proportion of cement sand and metal the ratio is 1:3:6 curing and ensuring proper setting. The depth is 0.15 meter and width is 0.3 mtrs. The OFC to be drawn through HDPE or G.I. pipe or half cut RCC as per site condition and as per site condition as directed by RCIL Engineer.	Cu. mtr	2880	3528.53	10162166.40
20	Supply, transportation and laying of perforated GI- Pipe/duct in the cable trench parallel to the track for tunnels/bridges as decided by site Engineer incharge it includes supply, installation and laying of GI pipe.	mtr	5000	447.14	2235700.00
21	Supply of 10 pair PIJF cable 0.63mm U/G armoured polythene insulated PolytheneShethed jelly field telephone cable with poly-al moisture barrier (as per IRS-TC-41/97) with latest amendment	Km	1	93441.22	93441
22	Supply of Cable Route Locator as per specifications given in in Section-II technical requirement & supplement.	Nos	1	231840.00	231840
23	Supply of handheld SDH STM 1 SDH/PDH analyser with jitter/wander supporting SDH/PDH and ATM analysis for STM 1, STM 0, E4, E3, E1 & T1 interface with channel level testing capabilities & inbuilt dual wavelength optical ports	Nos	1	846718.88	846718.88
24	Supply of OTDR with all standard accessories as per specifications given in Section-II technical requirement & supplement.	Nos	1	191520.00	191520
25	Supply of Optical Fiber Fusion Splicing Machine with all standard accessories as per specifications given in in Section-II technical requirement & supplement.	Nos	1	246958.88	246958.88

26	Supply of maintenance tools and testing equipment kit box for OFC as per specifications given by Engineer in Charge.	Nos	1	36960.00	36960
27	Optical Patch Chord SC/APC-LC/PC-5 mtr (3M, TE Connectivity, R&M make only).	Nos	150	153.84	23076
<b>Total Estimated Cost</b>					<b>63786195</b>

**Amount in words: Rs Six Crore Thirty Seven Lakh Eighty Six Thousand One Hundred Ninety Five Only.**

**Tenderer's offer.: " I/We hereby offer to do the work at following rates**

<b>In Figure</b>	<b>% Above/Below the Schedule of rates</b>
<b>In Words</b>	<b>% Above/Below the Schedule of rates</b>

**Note:- Above quoted rates are including all type of applicable taxes.**

**In case above/below is not mentioned, it would be considered below.**

The requisite EMD for an amount of Rs. \_\_\_\_\_ submitted vide DD No.

\_\_\_\_\_ dated \_\_\_\_\_ drawn on \_\_\_\_\_ bank.

**Note: This work is targeted work & needs to be completed within stipulated time, delay in completion will attract action as per Terms & conditions of Tender Document**

**Signature of Tenderer with Seal**