

**WESTERN REGION-PROJECT/RAILTEL WESTERN REGION  
TENDER DOCUMENT**

**Tender No:** RAILTEL\_WR\_BB\_OFC\_2021-01

**Closing Date/Time:** 01/06/2021 12:00

**Executive Director** acting for and on behalf of The President of India invites E-Tenders against Tender No **RAILTEL\_WR\_BB\_OFC\_2021-01** Closing Date/Time 01/06/2021 12:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

**1. NIT HEADER**

<b>Name of Work</b>	TRENCHING, LAYING, SPLICING,TERMINATION,TESTING AND COMMISSIONING FOR PATCH REPLACEMENT OF UDHANA-JALGAON SECTION UNDER WESTERN REGION.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	01/06/2021 12:00	<b>Date Time Of Uploading Tender</b>	11/05/2021 16:00
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	2411092.48	<b>Tendering Section</b>	ADI TERR
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money /Bid Security (Rs.)</b>	48200.00	<b>Validity of Offer ( Days)</b>	90
<b>Obtain Bid Security Declaration in lieu of Bid Security</b>	No		
<b>Tender Doc. Cost (Rs.)</b>	3540.00	<b>Period of Completion</b>	120 Days
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	18/05/2021	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Deposit Work

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> 01-Patch Replacement in UDN-JL section under Mumbai Division							2411092.48	
1	011010	20.00	Numbers	58.75	1175.00	AT Par	1175.00	
	<b>Description:-</b> Supply of Plastic Coupler-slip fit/ push fit type for HDPE duct 40/33 mm OD/ID supplied.							
2	011020	34.00	Numbers	4834.47	164371.98	AT Par	164371.98	
	<b>Description:-</b> Supply of Straight Joint Enclosures (SJC) complete with all accessories as per TEC specification no. GR/OJC-02/02 Sep 2003 with latest amendment for 24 fiber, Raychem make model FOSC 400 B4 24F or RSICS make model 1500-L 183-XX or Birla VXL make model VT-200 or 3 M make model 2179 CS or TYCO mak only							
3	011030	34.00	Numbers	4880.11	165923.74	AT Par	165923.74	
	<b>Description:-</b> Supply of RCC/Pre-fabricated OFC Joint pit with top & bottom cover as per enclosed drawing with size: 1m x 0.6 m in case of Pre-fab OFC joint pit							
4	011040	34.00	Numbers	1746.58	59383.72	AT Par	59383.72	
	<b>Description:-</b> Installation of OFC pit supplied vide item 5, duly filling with river sand after jointing work is done.							
5	011050	200.00	Numbers	249.56	49912.00	AT Par	49912.00	
	<b>Description:-</b> Supply of RCC/FRP route marker with 'Railtel OFC?stenciled in White on both side and painted bright orange ASIAN Paint As per drawing marker size(80mmx30mmx900mm) with minimum at 8mm wall thickness in case of FRP							
6	011060	200.00	Numbers	82.66	16532.00	AT Par	16532.00	
	<b>Description:-</b> Installation of OFC/RCC route market supplied vide item 5.							
7	011070	222.00	Metre	597.89	132731.58	AT Par	132731.58	
	<b>Description:-</b> Protective works to enable the laying of OFC in GI pipe of 65mm ID on girder bridges, masonry bridges, tunnels, cuttings, culverts & other specific location etc. This also include supply and fixing of Ms channel, RCC pipes as support, trenching and backfilling, concreting, support pillars, brick work, clamping on walls etc. after laying and all other required material to suit the site condition to restore back the surface to original as detailed in the technical supplement and as advised by engineer at site. This will include the supply of standard ISI approved GI pipes of pulling of HDPE duct is to be done. Details as per drawing on RAILTEL/WR/OT/DEC/006(a)							
	011080	9.00	Lumpsum	4720.00	42480.00	AT Par	42480.00	

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8	<b>Description:-</b> Transportation of OFC joints pits, HDPE duct & other required materials from RailTel store at Nandurbar to site of work and depositing remaining material back at Boisar RailTel store including loading, unloading etc.						
9	011090	40.00	Metre	531.00	21240.00	AT Par	21240.00
	<b>Description:-</b> Horizontal Drilling at a approximately 1.65m depth below the formation level of the earth including insertion of DWC / HDPE pipe along with coupling etc						
10	011100	10820.00	Metre	82.65	894273.00	AT Par	894273.00
	<b>Description:-</b> Trenching to a depth of 1.2 mtr and appropriate width for pipe/duct/cable and backfilling after laying OFC as per site requirement.						
11	011110	9760.00	Metre	4.67	45579.20	AT Par	45579.20
	<b>Description:-</b> Laying of single 40/33mm OD/ID HDPE duct in the trench & through PPRC/GI/DWC pipe used for protection.						
12	011120	10000.00	Metre	10.60	106000.00	AT Par	106000.00
	<b>Description:-</b> Pulling and blowing of 24F Armoured OFC in HDPE Duct.						
13	011130	34.00	Numbers	5926.14	201488.76	AT Par	201488.76
	<b>Description:-</b> splicing of optical finer cables (2x24 fibers) and testing. This includes excavation of pit & its backfilling, supply of all type of relevent materials and may other equipment of all type.						
14	011140	1.00	Numbers	495257.80	495257.80	AT Par	495257.80
	<b>Description:-</b> Supply of integrated cable route tracer and marker 2273 - Mid 12 watts which can locate the burried electronic markers and locating of burried cables & pipes . Depth display range is 9 mtr for tracing the cables/metallic pipes depth. Measurement of current in cables/pipes to identify the target cable in congestion, 4 active frequencies and inbuilt ohm meter in transmitter. Make : 3M.						
15	011150	1.00	Numbers	14743.70	14743.70	AT Par	14743.70
	<b>Description:-</b> Supply of power meter (optical) : Ingass pocket - sized rugged instrument for optical power and loss measurements on fiber networks, ingass photodiode with dynamic range of -65 upto +10DB, wavelength range : 780-1650 nm, calibrated wavelength 850, 1300, 1310, 1490, 1550, 1625 nm, universal optical push pull adapter (UPP) for all 2.5mm connector types of reputed make like JDSU , EXFO.						

### 3. ITEM BREAKUP

No item break up added
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### 4. ELIGIBILITY CONDITIONS

### 5. COMPLIANCE

#### Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	1. Submit Offer Letter Complete (Form no-1) duly signed. 2. Submission of Earnest Money in prescribed Form. 3. Submit Last Three year AUDITED BALANCE SHEET duly attested by Notary public. 4. Qualification Experience (Form No-13) 5. Constitution of Firm and Power of Attorney. 6. List Similar Works executed or under execution (form No.9). 7. Notarized affidavit of Form 2A. 8. System Performance Guarantee. (Form No-07) 9. Schedule of Requirements with summary of Prices blanked out 10. Any Other Information desired to be submitted by the Tenderer 11. List of Personnel / Manpower employed. 12. List of Plant & Machinery had by company.	No	No	Not Allowed

#### Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

#### Special Conditions

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All special conditions of contract are mentioned in Tender (section-I, chapter-4, clause no. 1-55)	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	patchreplacementireps-compressed.pdf	Tender Document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** AMITA PATHAK

**Designation :** Sr.ManagerO and M[amita]