

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

**Tender No:** OandM\_06

**Closing Date/Time:** 31/12/2021 15:00

**Executive Director** acting for and on behalf of The President of India invites E-Tenders against Tender No **OandM\_06** Closing Date/Time 31/12/2021 15:00 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 of Duct, Blowing of OFC through Ducts, Splicing, Testing & Commissioning, OFC rectification at Sanawad to Mathela bypass and Indore-Mhow-Tihi, section of Bhopal Territory of 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>	31/12/2021 15:00	<b>Date Time Of Uploading Tender</b>	10/12/2021 16:08
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	1624683.02	<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>	0.00	<b>Validity of Offer ( Days)</b>	120
<b>Obtain Bid Security Declaration in lieu of Bid Security</b>	Yes		
<b>Tender Doc. Cost (Rs.)</b>	3540.00	<b>Period of Completion</b>	3 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	17/12/2021	<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 1</b> -OFC rectification work in Indore - Mhow - Tihi and Sanwad - Mathela Bypass section of Bhopal Territory							1624683.02	
01	011010	24.00	Numbers	5339.50	128148.00	AT Par	128148.00	
	<b>Description:-</b> Supply of jointing pit as per drawing with cover and required trenching to ease out cable/duct. (The joint chamber should be of the size of outer dia 1100 mm, Height -600 mm (2 pieces of 300 mm each). The thickness of the wall should be 50 mm and each piece of the chamber should have suitable grooves to fit each other).							
02	011020	4000.00	Metre	94.99	379960.00	AT Par	379960.00	
	<b>Description:-</b> Excavation of trench and backfilling (in all types of soil)at 1.2 mtr depth & 300 mm wide at the bottom of trench. Wherever excavation of trench is not possible up to 1.2 mtrs as per EIC, the rate for trenching & backfilling will be paid on prorata basis as per tender clause . Details as per drawing given in tender document							
03	011030	4550.00	Metre	10.56	48048.00	AT Par	48048.00	
	<b>Description:-</b> Laying of OFC in trench and through HDPE/GI/RCC pipes where ever necessary as per instruction of EIC							
04	011040	4000.00	Metre	5.31	21240.00	AT Par	21240.00	
	<b>Description:-</b> Laying of HDPE duct in open trenches/DWC pipes/RCC pipes/GI pipes/etc as per instruction of EIC.along with supply and pulling of nylon rope through it with provision of coupler							
05	011050	23.00	Numbers	5369.00	123487.00	AT Par	123487.00	
	<b>Description:-</b> Supply of Straight Joint Enclosure:- This includes (1) 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 TVSICS make model 1500-L183-XX or Birla VXL make model VT- 200 or 3M make model 2179 CD HS S4 with the following features: a)Joint Closure Cylindrical shape b) Cable entry shall be scalable with heat shrink sleeve and hot melt adhesive system. c) Fiber organizer trays in the enclosures must be hinged at one end. d) Fiber organizer trays shall have a capacity to stand 12 splices. e) The no.of trays shall be minimum 3. This include excavation of pit & its backfilling, supply of all type of relevant materials							
06	011060	207.00	Numbers	336.30	69614.10	AT Par	69614.10	
	<b>Description:-</b> Supply of FRP/RCC route marker engraved and painted on both sides along the OFC route at every 50 mtrs and at chambers.Details as per drawing given in Tender document.							

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07	011070	207.00	Numbers	90.21	18673.47	AT Par	18673.47	
	<b>Description:-</b> Installation of item no. 6 above i.e FRP/RCC route marker where ever necessary as per instruction of EIC							
08	011080	138.00	Metre	365.53	50443.14	AT Par	50443.14	
	<b>Description:-</b> Supply and laying of DWC Pipe of Dia 120/103.5 OD/ID mm as required above for metallic road, track crossing & LC gate etc							
09	011090	16.00	Lumpsum	3245.00	51920.00	AT Par	51920.00	
	<b>Description:-</b> Transportation of man and machine for jointing of OFC to and from site with hired vehicle							
10	011100	16.00	Lumpsum	3776.00	60416.00	AT Par	60416.00	
	<b>Description:-</b> Transportation of OFC , joint pits, HDPE & other required materrial from RailTel store to site							
11	011110	120.00	Metre	332.76	39931.20	AT Par	39931.20	
	<b>Description:-</b> Supply & laying of 50 mm dia GI Pipe IS 1239 medium grade with holes drilled as an antitheft measure coupling etc. on bridges/trenches/other surfaces with CC at every 1m.							
12	011120	23.00	Numbers	6195.59	142498.57	AT Par	142498.57	
	<b>Description:-</b> Splicing of Optical fiber cables ( 24 Fibers) and testing.							
13	011130	57.00	Kilometre	3457.86	197098.02	AT Par	197098.02	
	<b>Description:-</b> Updating cable route Plan through AutoCad software Sanawad - Mathela section after rectification, OFC route tracing & submission of corrected cable route plan (soft copy and two hard copies). Cable Route plan should contain LC gates, culverts/bridges, joint chambers, stations area, offset, and any other important discrete location like track crossing, HDD location, CC location,bends etc depth of cable at every 100 mtrs							
14	011140	24.00	Numbers	2419.59	58070.16	AT Par	58070.16	
	<b>Description:-</b> Installation of OFC pit & filling with river sand after jointing work is done.							
15	011150	16.00	Numbers	63.96	1023.36	AT Par	1023.36	
	<b>Description:-</b> Supply of Plastic coupler- slip fit/push fit type for HDPE duct 40/33mm OD/ID							
16	011160	400.00	Metre	571.12	228448.00	AT Par	228448.00	
	<b>Description:-</b> Horizontal Drilling by using Machine at a depth of 1.65 m below the formation level of the earth including insertion of two HDPE ducts as per site							
17	011170	120.00	Metre	47.20	5664.00	AT Par	5664.00	
	<b>Description:-</b> Fixing of GI pipe on culverts,bridges in Yard&Mid section							

### 3. ITEM BREAKUP

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

#### Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Not Applicable being the work is of less than Rs. 50 Lakhs.	No	No	Allowed (Mandatory)

#### Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Not Applicable being the work is of less than Rs. 50 Lakhs.	No	No	Allowed (Mandatory)

### 5. COMPLIANCE

#### 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)

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**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document. (Chapter 5)	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TDOFCrectificationIndoreMHOWTihi.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]