

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

Tender No: RCIL-12LHS-20-21-10

Closing Date/Time: 11/12/2020 11:00

GM/Project acting for and on behalf of The President of India invites E-Tenders against Tender No **RCIL-12LHS-20-21-10** Closing Date/Time 11/12/2020 11:00 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

Name of Work	TRENCHING,LAYING,SPLICING,TERMINATION,TESTING AND COMMISSIONING FOR SHIFTING OF OFC AT 11 NOS LHS LOCATIONS OF CNB-ETW-SKB SECTION OF NCR & 01 NOS LHS IN MAU-SHAHGANJ SECTION OF NER.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	11/12/2020 11:00	Date Time Of Uploading Tender	12/11/2020 13:17
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	2870717.62	Tendering Section	PROJECT
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money /Bid Security (Rs.)	57500.00	Validity of Offer (Days)	45
Tender Doc. Cost (Rs.)	5900.00	Period of Completion	90 Days
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	27/11/2020	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A-Trenching, Laying, Termination, Splicing, Testing and Commissioning for shifting of OFC at 11 Nos. LHS Locations of CNB-ETW-SKB Section of NCR & 01 Nos LHS in Mau-Shahganj Section of NER							2870717.62	
1	Trench	31200.00	Metre	38.37	1197144.00	AT Par	1197144.00	
	Description:- 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.							
2	Layingduct	34320.00	Metre	4.05	138996.00	AT Par	138996.00	
	Description:- 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.							
3	HDD	3000.00	Metre	239.83	719490.00	AT Par	719490.00	
	Description:- Horizontal Drilling by using mannual pushing method at minimum depth of 1.65/1.2mtr below the formation level of earth including insertion of DWC Pipes along with coupling etc. or as per decision of RCIL Engineer							
4	JointPit	24.00	Numbers	3069.70	73672.80	AT Par	73672.80	
	Description:- Excavation of jointing pit with out damaging the fiber and provision of joint chamber of 1.1 mtrdia , 60 Cm height and 50 mm thickness with two piece top cover and bottom cover with holes for drainage and cable entry (The reinforcement drawing enclosed). This includes backfilling and ramming of the trench after placing the joint closure and cable loop in the chamber with out causing any damage to the same and consolidation of soil as well as disposal of soil as per plan and as advised by RailTel Representative							
5	BlowingOFC	36000.00	Metre	5.75	207000.00	AT Par	207000.00	
	Description:- Blowing/drawing of OFC in the HDPE duct and in protective works already provided.							
	RouteMrker	360.00	Numbers	239.83	86338.80	AT Par	86338.80	

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6	Description:- 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						
7	OFCjoint	24.00	Numbers	3837.12	92090.88	AT Par	92090.88
	Description:- Supply & Provision of OFC Joint including Splicing (24 Fibre) inside already prepared jointing pit. This does not include provision of Joint chamber, top plate & back filling. The joint Enclosure shall be supplied by Contractor (TVSE, R&M, Raychem or 3M Make only).						
8	DrySand	24.00	Numbers	528.56	12685.44	AT Par	12685.44
	Description:- Providing dry sand in FRP/RCC joint chambers up to 400 mm height						
9	Concrete	4.05	cum	2570.87	10412.02	AT Par	10412.02
	Description:- 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						
10	PPRCPipe	576.00	Metre	577.93	332887.68	AT Par	332887.68
	Description:- Supply & Fixing of PPRC pipe 75 mm PN 16 IS 15801 (2008) with coupling on culvert bridges including of material for fixing arrangement consist of MS channel of size 1250*100*50 mm.						

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	As per Tender Document attached.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document attached.	No	No	Allowed (Mandatory)

5. COMPLIANCE

Check List

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document attached.	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document attached.	No	No	Allowed (Mandatory)
2	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)

General Instructions

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1	As per Tender Document attached.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document attached.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document attached.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Form 2A, Power of Attorney, Offer Letter & EMD.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	12LHS10112020pdf_compressed2.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.

Signed By: SANJAI SIROHI

Designation : DGM/Project 1