

**EDFC FIELD UNIT-TUNDLA-ELECTRICAL/EDFC  
TENDER DOCUMENT**

**Tender No:** DFCCILELTLBPUN-KRJNT011

**Closing Date/Time:** 15/09/2021 15:00

**CGM/Tundla** acting for and on behalf of The President of India invites E-Tenders against Tender No **DFCCILELTLBPUN-KRJNT011** Closing Date/Time 15/09/2021 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>	LIGHTING ARRANGEMENT AT 10 STATIONS (NEW BHAUPUR, NEW KANCHAUSI, NEW ACHALDA, NEW EKDIL, NEW BHADAN, NEW MAKHKHANPUR, NEW TUNDLA, NEW HATHRAS, NEW DAUDKHAN & NEW KHURJA ) OF DFCCIL		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	15/09/2021 15:00	<b>Date Time Of Uploading Tender</b>	26/08/2021 14:04
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	30308735.05	<b>Tendering Section</b>	WORKS
<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>	45
<b>Obtain Bid Security Declaration in lieu of Bid Security</b>	Yes		
<b>Tender Doc. Cost (Rs.)</b>	11800.00	<b>Period of Completion</b>	4 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	01/09/2021	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> 01-LIGHTING ARRANGMENT AT 10 STATIONS ( NEW BHAUPUR, NEW KANCHAUSI, NEW ACHALDA, NEW EKDIL, NEW BHADAN, NEW MAKHKHANPUR, NEW TUNDLA, NEW HATHRAS, NEW DAUDKHAN & NEW KHURJA ) OF DFCCIL							30308735.05	
01	01	31.00	Each	826062.15	25607926.65	AT Par	25607926.65	
	<b>Description:-</b> Supply , erection , testing & commissioning of hot dip galvanized high mast tower 20 mtr high , suitable for wind velocity as per IS : 875 Pt.3 on GI polygon pole with lowering and rising facilities by single wire rope 6mm dia,2350kg braking load , double drum winch and automatic switching device as per specification attached , along with 16 ( sixteen) nos , 170 watt LED flood light / Beam light luminaries, out door type , weather proof , die cast aluminum housing suitable to work on 230 AC supply Philips/Bajaj/Crompton Greaves/ Havells make.							
02	02	20000.00	Metre	97.18	1943600.00	AT Par	1943600.00	
	<b>Description:-</b> Collecting, transporting from DFC store to site , laying , testing & commissioning of HL/LT cables of different sizes . Laying direct in ground ( including excavation, sand cushioning , protection bricks covering, and refilling the trench etc.) , direct in RCC /metal pipe in road/track crossing and on surface required as per relevant technical specifications.							
03	03	300.00	Numbers	42.50	12750.00	AT Par	12750.00	
	<b>Description:-</b> Termination of LT XLPE cables of following sizes with proper size Dowell/Isma make crimping sockets/lugs/PG clamps as required inclding testing and commissioning (a) 4x35 sqmm/4x70sqmm							
04	04	500.00	Metre	473.99	236995.00	AT Par	236995.00	
	<b>Description:-</b> Supply of doubled walled corrugated Pipes/HDPE ( Elect.Rex/Tele, REX or similar) for under ground cable protection 120 mm outer dia, 103.5 mm inner dia in 6 mtrs straight length as per British std No BSEN50086-1 & BSEN 50086*2,4 & BIS draft specification DOC HQ Ltd 14( 5071) & ETD (5072) to spec IS 14930 part II . NOTE_ One coupler for joining shall be supplied with each 6 meter length.							
05	05	500.00	Metre	754.44	377220.00	AT Par	377220.00	
	<b>Description:-</b> Horizontal boring under railway track /road for laying 120 mm dia DWC doubled walled corrugated pipes at the depth of 1.4 meter to .1 meter from formation level ( level of earth below ballast) as per drawing and directed by site incharge by trenchless technology excluding cost of DWC pipes							
	06	60.00	Numbers	1632.21	97932.60	AT Par	97932.60	

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06	<b>Description:-</b> Earthing with 40 mm dia GI pipe class-B , 3 meter long earth electrode as per IS 3044/1985B ( latest version) to achieve earth resistance less than 5 ohms including construction of masonry enclosures with hinged cover plate of cast iron with locking arrangement ( approximately 400mmx400mm) on top provision of earth plate .Connection from earth electrode to switch gear/pole as per drawing.						
07	07	10.00	Numbers	73583.84	735838.40	AT Par	735838.40
	<b>Description:-</b> Design, supply, erection, testing and commissioning of out door type LT panel complete with all connected accessories ect . TL panel shall accommodate 1x200 A FP MCCB as incomer, 2x100 A TP MCCB, 1x63 A TP MCCB,, 3x32A MCB TPN & 4x16A SP MCB along with CT operated Energy meter, meters for voltage, current,frequency ,PF , 3 phase indicating lamps LED cluster type for phase indication , copper bus bar, insulation sheet , neutral link connectors, copper bus bar etc. enclosed in MS sheet enclosure. It also includes proper fixing of panel on MS channel with suitable fixtures, clamps, nut & bolts etc. It also includes connecting all incoming & out going cables . The LT switch gear , contactors should confirm to IS :13947/93 or latest, MCB as IS : 8828/78,96 or latest MCCB as per IS:13947/93 or latest and shall be of standard reputed firm only. This shall be erected at given location by making required arrangements of foundation/grouting of bolts of appropriate size and or by providing clamps of MS flat of appropriate size according to weight and site conditions. The drawing showing the details of LT panel/SDB shall be approved by DFC engineer before making foundations and erection. The LT panel incorporating all specified switchgears, meters & all other accessories as mentioned shall be supplied as per Technical data and it should be complete in all respect.						
08	08	500.00	Metre	232.90	116450.00	AT Par	116450.00
	<b>Description:-</b> Supply and laying of GI pipe class B ISI marked under road/clamping with erected pole & wall as per technical specification and conformity to IS 5613/Pt- I/section I &II / 1985 , IS 1239/Pt- I/1990 & IS 1239/Pt-II/1992 with all latest version and drawing for passing cable of following size - 50mm dia						
09	09	500.00	Metre	537.90	268950.00	AT Par	268950.00
	<b>Description:-</b> Supply and laying of GI pipe class B ISI marked under road/clamping with erected pole & wall as per technical specification and conformity to IS 5613/Pt- I/section I &II / 1985 , IS 1239/Pt-I/1990 & IS 1239/Pt-II/1992 with all latest version and drawing for passing cable of following size - 100 mm dia.						
10	10	60.00	Numbers	2757.38	165442.80	AT Par	165442.80
	<b>Description:-</b> Supply, jointing & commissioning of straight through joint kit for 1.1 kV PVC/PILC/XLPE cable size SQ.MM. 4x 35 / 4x70sqmm, Make 3M , Denson or similar.						
11	11	60.00	Numbers	12427.16	745629.60	AT Par	745629.60
	<b>Description:-</b> Cable Junction box IP 66/67 weather proof , for outdoor installation ( with knockouts for cable entry) with terminals, size 225x295x122 as per Hensal catalog KF 3535 B or similar						

**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	The contractual payments received by the Firm or the arithmetic sum of contractual payments received by Firm in the previous three financial years and current financial year upto the date of opening of tender shall be at least 150% of the estimated value of the work as mentioned in the tender. Certified true copy of audited annual account are to be submitted as a proof along with bid documents. In case the annual accounts are not audited, the contract sum received for the required period should be duly certified by the chartered Accountant."	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Firm must have satisfactorily completed in the last three previous financial years and the current financial year upto the date of opening of the tender, one similar single work for a minimum of 35% advertised value of the tender. Work executed with Central/State Govt./Semi-Govt. organizations/Authorities, PSUs, Govt. of India undertakings shall only be considered to qualify above eligibility. Certificates from the private Individuals/Organizations shall not be considered.	No	No	Allowed (Mandatory)

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1.1	Similar nature of work of this tender is:- "Satisfactory execution of any Electrical work related to Service building / Staff quarters / Offices / Road & colony lighting / Circulating area lighting / Yard Lighting/ Washing pit, shed & workshop / HT or LT installation." The tenderer (s) must be an established, experienced and reputed construction firm and have regularly undertaken works of the similar type tendered for and have adequate technical knowledge and practical experience in field.	No	No	Allowed (Mandatory)
1.2	E. ELECTRICAL CONTRACTOR LICENSE- (i)The Contractor should have valid A-Class Electrical license to be submitted along with tender failing which tender would be consider ineligible (i.e., not eligible). (ii)The work shall be carried out by the contractor, having valid Electrical Contractor's License for carrying out installation work under the direct supervision of the persons holding valid certificates of competency issued by the State Government. (iii)The successful tenderer shall furnish the names and particulars of the certificate of competency of supervisor and workmen to be engaged for carrying out this work.	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)

**Custom**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	"The tenderers shall submit a notarized affidavit on a non judicial stamp stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as Annexure-V. Non submission of an affidavit by the bidder shall result in summary rejection of his/their bid. And it shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying Criteria mentioned in the tender document. It will not be obligatory on the part of Tender Committee to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned".	Yes	Yes	Allowed (Mandatory)
2	Bid Security Declaration: I/We, M/s (Name of bidder) am/are aware that I/We have been exempted from submission of Bid Security/Earnest Money Deposit in lieu of this Bid Security Declaration. I/We understand and accept that if I/We withdraw my/our bid within bid validity period or if awarded the tender and on being called upon to submit the Performance Guarantee/Performance Security fail to submit the same within the stipulated time period mentioned in tender documents or on being called upon to sign the contract agreement fail to sign the same within stipulated period mentioned in tender documents, I/We i.e., the bidder shall be banned from submission of bids in any Works / Service Tender issued by Indian Railways/DFCCIL for a period of 12 months from the date of such banning done on e-platform IREPS.	Yes	Yes	Allowed (Mandatory)

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TD-011.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

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GFR regarding procurement through GeM.

**Signed By:** SUDHEER ALITHI

**Designation :** DYPM