

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

Tender No: DFC-DDU-EL-YardLight-T001

Closing Date/Time: 16/08/2022 15:00

CGM/DFCCIL/DDU acting for and on behalf of The President of India invites E-Tenders against Tender No **DFC-DDU-EL-YardLight-T001** Closing Date/Time 16/08/2022 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

Name of Work	LIGHTING ARRANGEMENT AT 08 STATIONS YARDS(NEW SONNAGAR, NEW CHIRAILA PAUTHU, NEW SONNAGAR LINK, NEW KARWANDIA, NEW KUDRA, NEW DURGAUTI, NEW GANJKHWAJA, NEW DDU ERC) OF DFCCIL		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	16/08/2022 15:00	Date Time Of Uploading Tender	25/07/2022 12:28
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	16455439.00	Tendering Section	ELECTRICAL
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	232300.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	02/08/2022	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 1 -Lighting arrangement at 08 station yards (New Sonnagar, New ChirailaPauthu, New Sonnagar Link, New Karwandia, New Kudra, NEW Durgauti, New Ganjkhwaja, New DDU ERC) under CGM/DDU of DFCCIL							16455439.00	
1	1	20.00	Each	549662.00	10993240.00	AT Par	10993240.00	
	Description:- 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, outdoor type, weather proof , die cast aluminum housing suitable to work on 230 AC supply Philips/Bajaj/Crompton Greaves/ Havells make.							
2	2	3.00	Numbers	909315.00	2727945.00	AT Par	2727945.00	
	Description:- Supply, erection, testing and commissioning of 25 Mtr. High mast with 12 Nos. 350 watts LED type (Turbo flood light, type BARFEG- 350 watt LED), LED aviation light complete with all accessories and foundation etc.							
3	3	20000.00	Metre	65.00	1300000.00	AT Par	1300000.00	
	Description:- 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.							
4	4	250.00	Numbers	28.00	7000.00	AT Par	7000.00	
	Description:- Termination of LT XLPE cables of following sizes with proper size Dowell/IsmaI make crimping sockets/lugs/Pg clamps as required including testing and commissioning (a) 4x35 sqmm/4x70sqmm.							
5	5	400.00	Metre	315.00	126000.00	AT Par	126000.00	
	Description:- 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.							
6	6	400.00	Metre	502.00	200800.00	AT Par	200800.00	
	Description:- 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.							

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7	7	45.00	Numbers	1086.00	48870.00	AT Par	48870.00
	Description:- 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.						
8	8	8.00	Numbers	48963.00	391704.00	AT Par	391704.00
	Description:- Design, supply, erection, testing and commissioning of outdoor type LT panel complete with all connected accessories etc . 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 & outgoing 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.						
9	9	400.00	Metre	155.00	62000.00	AT Par	62000.00
	Description:- 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 1835following size - 50mm dia.						
10	10	400.00	Metre	358.00	143200.00	AT Par	143200.00
	Description:- 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.						
11	11	45.00	Numbers	1835.00	82575.00	AT Par	82575.00
	Description:- 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.						
12	12	45.00	Numbers	8269.00	372105.00	AT Par	372105.00
	Description:- 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

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Allowed (Mandatory)
1.1	Similar nature of work : As per tender docuemnt	No	No	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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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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Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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).	Yes	Yes	Allowed (Mandatory)
2	"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)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TD-YardLighting-T001_1.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: PRADEEP KUMAR GUPTA

Designation : PM/DDU