

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

Tender No: KKK-EL-KQR-DVC-132KV-2R

Closing Date/Time: 12/05/2023 15:00

CGM/Elect./DFCCILKolkata acting for and on behalf of The President of India invites E-Tenders against Tender No KKK-EL-KQR-DVC-132KV-2R Closing Date/Time 12/05/2023 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.

1. NIT HEADER

Name of Work	Relocation of 132 KV D/C transmission line Koderma S/s to Koderma R/s of DVC near Koderma Railway station for construction of EDFC Project under Jurisdiction of General Manager/Co-Ordination/DFCCIL/Kolkata		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	12/05/2023 15:00	Date Time Of Uploading Tender	20/04/2023 15:45
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	93212419.00	Tendering Section	ELECTRICAL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	1864300.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	18 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	28/04/2023	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-Supply							78061921.20	Above/ Below/Par
1	Please see Item Breakup for details.				78061921.20	AT Par	78061921.20	
	Description:- Supply Items							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-Erection and dismantling Work (Civil)							12076461.14	Above/ Below/Par
2	Please see Item Breakup for details.				12076461.14	AT Par	12076461.14	
	Description:- Erection and dismantling Work (Civil)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C-Erection & dismantling work (Electrical)							2261182.32	Above/ Below/Par
3	Please see Item Breakup for details.				2261182.32	AT Par	2261182.32	
	Description:- Erection & dismantling work (Electrical)							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule D-Forest Clearance, PTCC clearance and Compensatory Afforestation (CA) Work							812854.34	Above/ Below/Par
4	Please see Item Breakup for details.				812854.34	AT Par	812854.34	
	Description:- Forest Clearance, PTCC clearance and Compensatory Afforestation (CA) Work							

3. ITEM BREAKUP

Schedule	Schedule A-Supply
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Item- 1	Supply Items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Galvanized Stranded Steel Wire as Earth wire (7/3.15 mm) as per the Specification.	Kilometre	1.47	111091.58	163304.62
2	2	AAA Panther Conductor (37/3.15 mm) as per the Specification.	Kilometre	9.68	188343.55	1823165.56
3	3	132KV(E), 400 sq. mm Copper Cable as per specification.	Metre	5330.00	11161.06	59488449.80
4	4	132KV(E), 400Sq. mm Copper Cable end termination kit as per specification.	Numbers	15.00	307561.49	4613422.35
5	5	70 KN Disc Insulator as per the specification.	Numbers	330.00	547.22	180582.60
6	6	120 KN Disc Insulator as per the specification.	Numbers	1680.00	722.34	1213531.20
7	7	Single Suspension Hardware set with Armour grip suspension clamp and Performed Armour rods suitable for AAA Panther Conductor (37/3.15mm) /ACSR Lark Conductor (30/2.92 mm & 7/2.92 mm) and suitable for fixing on 132 KV Tower (failing load 70 KN) (Including for Pilot Hardware).	Numbers	33.00	919.54	30344.82
8	8	Single Tension Hardware set with compression type tension clamp suitable for AAA Panther Conductor (37/3.15mm) /ACSR Lark Conductor (30/2.92 mm & 7/2.92 mm) and suitable for fixing on 132 KV Tower (Failing load 120 KN).	Numbers	66.00	3575.52	235984.32
9	9	Double Suspension Hardware set with Armour grip suspension clamp and Performed Armour rods suitable for AAA Panther Conductor (37/3.15mm) /ACSR Lark Conductor (30/2.92 mm & 7/2.92 mm) and suitable for fixing on 132 KV Tower (failing load 70 KN).	Numbers	33.00	2553.30	84258.90
10	10	Double Tension Hardware set with compression type tension clamp suitable for AAA Panther Conductor (37/3.15mm) /ACSR Lark Conductor (30/2.92 mm & 7/2.92 mm) and suitable for fixing on 132 KV Tower (Falling load 120 KN).	Numbers	66.00	7714.23	509139.18
11	11	Vibration damper suitable for AAA Panther Conductor (37/3.15 mm)	Numbers	132.00	803.28	106032.96
12	12	Mid span compression joint for AAA Panther Conductor (37/3.15 mm)	Numbers	5.00	747.41	3737.05
13	13	Repair sleeve suitable for AAA Panther Conductor (37/3.15 mm).	Numbers	5.00	279.33	1396.65
14	14	Tension hardware set compression type with complete tension clamp and flexible copper bond for Galvanized standard steel wire (7/3.15 mm) and suitable for fixing on 132 KV tower.	Set	66.00	1171.70	77332.20
15	15	Vibration damper suitable for Galvanized Standard Steel Wire (7/3.15 mm).	Numbers	66.00	747.41	49329.06
16	16	Mid span compression joint for Galvanized Standard Steel Wire (7/3.15 mm).	Numbers	5.00	403.14	2015.70
17	17	Repair sleeve suitable for Galvanized Standard Steel Wire (7/3.15 mm).	Numbers	5.00	193.27	966.35
18	18	Earthing Material - Pipe type Earthing Materials (galvanized).	Set	22.00	2581.98	56803.56
19	19	Danger Plate for tower.	Numbers	11.00	190.25	2092.75
20	20	Number Plate for tower.	Numbers	11.00	173.65	1910.15
21	21	Phase Plate (Set of 3) for tower.	Set	33.00	326.14	10762.62
22	22	Circuit Plate (Set of 2) for tower.	Set	11.00	185.72	2042.92
23	23	Bird Guard (Set of 3) for tower	Set	11.00	178.17	1959.87
24	24	Anti climbing Device for tower	Set	11.00	7292.96	80222.56
25	25	Barbed Wire for tower.	MT	0.37	125550.67	46453.75

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26	26	Supplying, Fabricating & Galvanizing various tower members/structures/gantries/extensions etc. including supply of pack washers, Hangers, D-Shackles, Extension links, U-bolts etc complete at shop/site with contractor own tools & tackles crane and labor complete bolted and/or welded connections with GI bolts, nuts, washers etc. complete as per drgs/ specification and directions (supply of GI bolts, nuts, step bolts and spring washers will be paid separately)-(a) Mild steel as per Grade Designation E250A (Fe410W).	MT	88.00	84990.48	7479162.24
27	27	Supplying, Fabricating & Galvanizing stub & cleat members of various type of tower members/structures etc. including supply of pack washers etc complete at shop/site with contractor own tools & tackles crane & labor complete as per drgs/specification & directions (supply of GI bolts, nuts & spring washers will be paid separately)- (a) Painted Mild steel as per Grade Designation E250A (Fe410W).	MT	3.00	84990.48	254971.44
28	28	Supplying & Fabricating holding down/foundation steel bolts including threading as required etc. complete with all necessary nut plate washers etc. complete the 200mm top portion of bolt is to be Galvanized.	MT	5.00	81696.82	408484.10
29	29	Supply of GI Bolts, nuts (Grade-5.6) with spring washers of assorted sizes for towers including step bolts etc complete as per drgs. Specification & directions.	MT	3.00	117567.64	352702.92
30	30	120KV Lightning Arrestor.	Numbers	12.00	65113.25	781359.00
					Total	78061921.20
Schedule	Schedule B-Erection and dismantling Work (Civil)					
Item- 2	Erection and dismantling Work (Civil)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Earth work in excavation in foundation trenches, drains etc. including dressing of sides & ramming of bottoms, lift up to 3.0 meter, including pit marking, dewatering, getting out the excavated soil & disposal of surplus excavated soils as directed within a lead of 50 meter complete as per specification, drawing & instruction of Engineer in Charge. Earth work as mentioned in Item No.1 - (a) for Ordinary soil.	cum	175.00	366.09	64065.75
2	2	Earth work as mentioned in Item No.1 -(b) For Slushy soil.	cum	175.00	1232.29	215650.75
3	3	Earth work as mentioned in Item No.1 - (c) Hard soil mixed with gravel & moorum.	cum	700.00	366.09	256263.00
4	4	Earth work as mentioned in Item No.1 -(d) for Soft rock.	cum	1400.00	651.90	912660.00
5	5	Earth work as mentioned in Item No.1 -(e) For Hard rock (requiring blasting).	cum	525.00	951.93	499763.25
6	6	Earth work as mentioned in Item No.1 - (f) Hard rock (blasting prohibited).	cum	525.00	1327.48	696927.00
7	7	Extra over item (1) above for excavation in foundation for every additional lift of 1.5 meter or part thereof over the initial lift of 3.0 meter.- (a) for Ordinary soil.	cum	26.25	96.57	2534.96
8	8	Extra over item (2) above for excavation in foundation for every additional lift of 1.5 meter or part thereof over the initial lift of 3.0 meter. - (b) for Slushy soil	cum	26.25	96.57	2534.96
9	9	Extra over item (3) above for excavation in foundation for every additional lift of 1.5 meter or part thereof over the initial lift of 3.0 meter. - (c) for Hard soil mixed with gravel & moorum.	cum	105.00	96.57	10139.85
10	10	Extra over item (4) above for excavation in foundation for every additional lift of 1.5 meter or part thereof over the initial lift of 3.0 meter. - (d) for Soft rock.	cum	210.00	173.17	36365.70
11	11	Extra over item (5) above for excavation in foundation for every additional lift of 1.5 meter or part thereof over the initial lift of 3.0 meter. -(e) for Hard rock (requiring blasting).	cum	78.75	173.17	13637.14

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12	12	Extra over item (6) above for excavation in foundation for every additional lift of 1.5 meter or part thereof over the initial lift of 3.0 meter. (f) for Hard rock (blasting prohibited).	cum	78.75	173.17	13637.14
13	13	Earthwork in filling in excavated pits, trenches, plinth & sides of foundation etc. in layers not exceeding 200 mm in depth, consolidating & dressing each deposited layer by ramming & watering, including cost of supply & carriage of materials etc. complete as per drgs., specifications & directions.- (a) with earth obtained from excavation of foundation (excluding rock).	cum	2450.00	234.64	574868.00
14	14	Earthwork as mentioned in Item No. 13 -(b) with sand including cost of material & transportation of material to site.	cum	10.00	2086.36	20863.60
15	15	Earthwork as mentioned in Item No. 13 - (c) with earth obtained from borrow pits within a lead of 500m. inclusive of excavation & carriage / haulage / transportation. (No extra claim will be entertained for each obtained beyond a lead of 200 M).	cum	1040.00	248.47	258408.80
16	16	Fitting of template (SST) & setting of stub, 4 stubs / tower - stubs & SST as supplied - (a) 132 KV D/C B type angle tower (maximum deviation 30 degree). One set consists of number of SST, Setting stub and Stubs per tower.	Set	2.00	12594.35	25188.70
17	17	Fitting of template (SST) & setting of stub, 4 stubs / tower - (b) stubs & SST as supplied -(b)132KV D/C C type angle tower (maximum deviation 60 degree). One set consists of number of SST, Setting stub and Stubs per tower.	Set	9.00	13689.51	123205.59
18	18	Supplying, straightening, cutting, bending, cranking, hooking, fixing, binding & placing at any position in superstructure, fdn., & plinth with MS / Tor steel reinforcements in all works of concrete, masonry etc, including supply of binding wire with 18 SWG (1.05mm) galvanized wire twisted tight and / or welding the splices where necessary as per IS codes or direction and holding in position with steel rod spacer / chairs / horses etc. complete.	MT	17.00	89199.67	1516394.39
19	19	Hiring, erecting, centering, supporting, striking, cleaning etc. of framework of approved design with staging, props and supports for plain & RCC works with all accessories and at all heights including removal of forms as per drawings, specifications & directions with:	Sqm	1000.00	304.30	304300.00
20	20	Charges for shoring & strutting of pits including cost of materials required for this purpose & fixing in position during excavation and/or crating works as per specifications and directions.	Sqm	300.00	650.89	195267.00
21	21	Providing & laying in position Plain cement concrete (PCC) in foundation & plinth with coarse sand & 20 mm. & down stone aggregates of approved quality, well graded, washed and screened including supply of all materials, cost of transport of all materials to site, mixing, laying, vibrating, curing etc. complete but excluding centering & shuttering as per drawings, specifications & direction with- (a) Mix 1:4:8.	cum	1.00	6184.79	6184.79
22	22	Providing & laying in position Plain cement concrete (PCC) as mentioned in Item No.21- (b) Mix 1:3:6.	cum	1.00	6686.34	6686.34
23	23	Providing & laying in position Plain cement concrete (PCC) as mentioned in Item No.21- (c) Mix 1:2:4.	cum	30.00	7251.98	217559.40

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24	24	Providing & laying in position Reinforced Cement concrete (RCC) work in pyramid & chimney of tower foundation & plinth, with coarse sand & 20 mm. & down stone aggregates of approved quality, well graded, washed and screened including cost of supply of all materials and cost of transport of all materials to site., mixing,laying, vibrating, curing etc. complete & also including erection, supporting, striking out, cleaning etc. of steel muff-boxes, but excluding the cost of reinforcement and framework, specifications & directions with- (a) Concrete mix 1: 1.5 : 3.	cum	1.00	8245.09	8245.09
25	25	Providing & laying in position Reinforced Cement concrete (RCC) work as mentioned in Item No. 24 - (b) Concrete mix 1: 1 : 2.	cum	200.00	9755.51	1951102.00
26	26	Providing & laying in position Reinforced Cement concrete work (RCC) in stepped foundation & plinth, with coarse sand & 20 mm. & down stone aggregates of approved quality, well graded, washed and screened including cost of supply of all materials and cost of transport of all materials to site., mixing, laying, vibrating, curing etc. complete but excluding the cost of reinforcement and framework as per drgs., specifications & directions with- (a) Concrete mix 1: 1.5 : 3.	cum	1.00	8245.09	8245.09
27	27	Providing & laying in position Reinforced Cement concrete work (RCC) as mentioned in Item No.26 - (b) Concrete mix 1: 1 : 2.	cum	100.00	9755.51	975551.00
28	28	Providing & laying in position Reinforced Cement concrete (RCC) work with coarse sand& 20 mm. & down stone aggregates of approved quality, well graded, washed and screened including cost of supply of all materials and cost of transport of all materials to site., mixing, laying, vibrating, curing etc. complete but excluding the cost of reinforcement and framework as per drgs., specifications & directions in superstructure with:- (a) Concrete mix 1: 1.5 : 3.	cum	1.00	9941.22	9941.22
29	29	Providing & laying in position Reinforced Cement concrete (RCC) work as mentioned in Item No. 28 - (b) Concrete mix 1: 1 : 2.	cum	10.00	11450.78	114507.80
30	30	Transporting, Handling, Assembling & Erecting of tower members (HT & MS) / structures / gantries / body extensions of all types of tower etc from stores & /or site with contractor's own tools & tackles, crane & labour, including fitting, checking, punching & tack welding of bolts & nuts and / or connections up to bottom cross arm including aluminum painting of tack welded bolt & nuts but excluding fitting & fixing of Number Plates, Danger Plates, Phase Plates, Circuit Plates, Bird Guards, Anti Climbing Devices etc. complete as per drawing, specifications & direction.	MT	83.00	24888.33	2065731.39
31	31	Providing, supplying and laying of 20cm thick second class brick pitching (brick on edge over one brick flat pitching) on slopes of embankment canal etc. in 1:4 cement mortar in both layers, curing, preparing base to proper level of slope, with weep holes at a spacing of 1.8 meter horizontally and 0.9 meter vertically or as shown in the drawing complete (with pointing 1:3).	Sqm	100.00	745.00	74500.00
32	32	Providing, supplying and laying of rubble pitching (thickness varying from 150mm to 300mm) with stone boulder including hand packing and caulking with cement concrete (1:3:6), 0.15 cu.m. per cum of boulder pitching with 20mm and down stone chips including making weep holes at a spacing of 180 cm. horizontally and 90 cm. vertically including rough dressing of the slope for pitching, packing of the back of weep hole etc. complete.	cum	50.00	4448.55	222427.50

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33	33	Providing, supplying and laying of random rubble pitching with stone boulder of approved quality and size and packed as per direction etc. complete.	cum	50.00	3466.85	173342.50
34	34	Dismantling, taking out, removing, stacking, disposal of unserviceable materials and transportation of salvaged items to designated stores (DVC/DFCCIL), including loading / unloading etc. all complete at all elevations as per direction of Engineer-in- Charge- (a) R.C.C. work including stacking of reinforcement.	cum	5.00	2707.71	13538.55
35	35	Dismantling, taking out, removing, stacking, disposal of unserviceable materials and transportation of salvaged items as mentioned in Item No. 34 - (b) 1:3:6 or richer mix Cement concrete work.	cum	5.00	1856.05	9280.25
36	36	Dismantling, taking out, removing, stacking, disposal of unserviceable materials and transportation of salvaged items as mentioned in Item No. 34 -(c) 1:4:8 or leaner mix Cement concrete work.	cum	5.00	1146.02	5730.10
37	37	Dismantling, taking out, removing, stacking, disposal of unserviceable materials and transportation of salvaged items as mentioned in Item No. 34 -(d) Masonry work in cement mortar.	cum	5.00	1570.24	7851.20
38	38	Dismantling, taking out, removing, stacking, disposal of unserviceable materials and transportation of salvaged items as mentioned in Item No. 34 - (e)Steel work in built-up sections including dismembering.	MT	32.00	4433.27	141864.64
39	39	Dismantling, taking out, removing, stacking, disposal of unserviceable materials and transportation of salvaged items as mentioned in Item No. 34 -(f) Fencing post / Strut including concrete dismantling & Earthwork .	Numbers	5.00	195.06	975.30
40	40	Carrying out necessary field test for soil samples, preparation and submission of soil testing report in triplicate giving results of investigation and related reasons qualitatively, expected settlement and recommendation for bearing capacity at different level by conducting laboratory test on soil samples as per relevant practice - (a) for determination crushing strength of soil samples.	Numbers	2.00	17075.51	34151.02
41	41	Carrying out necessary field test for soil samples as mentioned in Item No. 40 - (b) for determination Modulus of sub- grade reaction(k), Modulus of elasticity (E), Poisson's Ratio ().	Numbers	2.00	73792.96	147585.92
42	42	Carrying out necessary field test for soil samples as mentioned in Item No. 40 -(c) for Determination of Moisture absorption test and porosity.	Numbers	2.00	3526.05	7052.10
43	43	Carrying out necessary field test for soil samples as mentioned in Item No. 40 - (d) Determination of Bulk density, natural moisture content, dry density, relative density and specific gravity.	Numbers	2.00	3775.40	7550.80
44	44	Carrying out necessary field test for soil samples as mentioned in Item No. 40 - (e) for Determination of-(e)Standard Penetration Test (SPT).	Numbers	2.00	12937.43	25874.86
45	45	Supplying & providing 25 mm thick. grouting by using ready mix grout like SHRINKKOMP, CONBEXTRA GP2, SIKA GROUT 214 or equivalent for miscellaneous base plates, foundation bolts, pipe sleeves, pockets, holes etc. at all heights, location etc, complete as per drawings.	Sqm	5.00	2109.84	10549.20
46	46	Providing, Transporting, assembling, placing & fixing in position steel holding down/foundation bolts including threading as required etc. with all necessary nuts and plate washer etc. per bolt complete as per drawing and direction of Engineer-in-charge. The 200 mm top portion of the bolt is to be galvanized.	MT	5.00	17551.50	87757.50
					Total	12076461.14
Schedule	Schedule C-Erection & dismantling work (Electrical)					

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Item- 3 Erection & dismantling work (Electrical)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Check survey including preparation and submission of survey chart, line chart, Route profile & Tower spotting etc with all details as specified along with completion of page marking and submission of approval report along with profile drawings, line chart, tower schedule etc. all complete for approval.	Kilometre	2.21	27043.83	59766.86
2	2	Grounding of Tower with : GI Pipe, GI flats etc. as per drawing, including excavation, back filling, leveling and cost of storing, handling & transportation of materials to site complete as per drawing, specification and directions.	Set	16.00	8320.74	133131.84
3	3	Counter poise earthing including excavation, back filling, leveling and cost of storing, handling & transportation of materials to site complete as per drawing, specification and directions.	Set	6.00	5148.42	30890.52
4	4	Stringing and sagging of 06 numbers power conductors including hoisting and fixing of insulators on the 132KV towers/gantries, erections of hardware sets, running out and laying out of contractors, tensioning and clipping in with clamps, erection of jumpers at the section/angle towers jointing & repairing of contractors, fixing of vibration dumpers, preformed armor rods, bird guards and including erections of number plates, danger plates, Phase plates, circuit plate, step bolts and anti climbing devices with barbed wire etc. on each tower keeping other circuit in charged/shutdown condition at the same time complete in all respect and as per specification & directions including transportation of all materials to the site per route Kilometer of the line with :- (a) 06 (Six) nos. power conductors (AAA Panther Conductor).	Kilometre	1.61	199172.62	320667.92
5	5	Stringing and sagging of 01 (one) no galvanized stranded steel wire as earth wire (7/3.15mm) including laying, stringing, tensioning, climbing, jointing etc. complete in all respect including cost of storing, handling, transporting of all materials to site per route Kilometer of the line including fixing of hardware, vibration damper and/or armour rods etc.	Kilometre	1.47	67564.23	99319.42
6	6	Laying of 132KV XLPE 1cX400sqmm copper power cable including dressing, cleating, clamping of cable along the excavated earth, cable trench, RCC Hume pipe, metal pipe, structure / pole etc including dewatering & cleaning as required and supplying & providing of cable tags.	Kilometre	5.33	126575.56	674647.73
7	7	Termination of 132KV XLPE cable with outdoor heat shrinkable type cable sealing end termination kit / straight through joints suitably to Terminal Isolator Pad/Power conductor (ACSR/AAAC).	Numbers	15.00	38666.01	579990.15
8	8	Erection testing and commissioning of 120KV Lightning arrester along with all accessories, connectors etc.	Numbers	12.00	5988.41	71860.92
9	9	Dismantling & De-stringing of power conductors 06 numbers (ACSR Lark/AAAC Panther) in circuit of existing double-circuit transmission line of DVC keeping other circuit in charged condition/shutdown condition at the same time including release of all insulators, hardware & accessories without any jerk and damage to the cross arm and if required, recoiling, transportation of all dismantled conductors & line materials to specified store all complete as per direction of Engineer-in-charge.	Kilometre	2.00	99451.26	198902.52

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10	10	De-stringing of Earth wire in one circuit of existing double-circuit transmission line of DVC keeping other circuit in charged condition/shutdown condition at the same time including release of all hardware & accessories and transportation of all dismantled conductors & line materials to specified store all complete as per direction of Engineer-in-charge.	Kilometre	2.00	46002.22	92004.44
					Total	2261182.32
Schedule	Schedule D-Forest Clearance, PTCC clearance and Compensatory Afforestation (CA) Work					
Item- 4	Forest Clearance, PTCC clearance and Compensatory Afforestation (CA) Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Service charges to get forest proposal cleared as mentioned in specification.	Lumpsum	1.00	145108.84	145108.84
2	2	Service charges to get PTCC proposal cleared as mentioned in specification.	Lumpsum	1.00	114073.00	114073.00
3	3	Survey and preparation of KML file, DGPS maps and Topo sheet for Compensatory Afforestation (CA) as required for forest clearance .	Sqm	1.35	115340.00	155709.00
4	4	Demarcation of boundary. Supply and erection of RCC M20 pillars of size 150X150X1800 mm (6 ft) along ROW of forest land.	Numbers	50.00	4235.02	211751.00
5	5	Tree Felling, Cutting, trimming, transplanted as required for ROW clearance including forest land and successful commissioning of complete line in all respect	Lumpsum	1.00	186212.50	186212.50
					Total	812854.34

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or V whichever is less; where, V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Form 2B, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading

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

Tender No: KKK-EL-KQR-DVC-132KV-2R

Closing Date/Time: 12/05/2023 15:00

1	The tenderer must have successfully completed or substantially completed any of the following during last 7 years, ending last day of month previous to the one in which tender is invited: (a)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (b)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (c)One similar work each costing not less than the amount equal to 60% of advertised value of the tender. Submission Requirement: The tenderer shall submit the completion certificates/ certified completion certificates from the client(s) and or Photocopies of original certificates of client. NOTE : Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organization, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Allowed (Mandatory)
1.1	Definition of Similar Work : Any work consisting of Supply Erection, Testing & Commissioning of Transmission lines of 66 KV or above.	No	No	Not Allowed

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)

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Electrical contractor license:- For participating in tenders for a work in any state the Contractors shall have to possess electrical license of appropriate voltage issued by any State Govt. under Clause 60 of compilation of rule of Indian Electricity Rules 1956 or as amended from time to time and a copy of the same should be submitted along with the offer. They shall keep valid class A electrical license or equivalent throughout the period of execution of work by getting it renewed at suitable intervals and submit a copy of the same to the DFCCIL after each renewal. In the event of any discontinuity in validity of electrical license of the contractor, its authority to work with DFCCIL will also automatically cease to be valid.	Yes	No	Allowed (Mandatory)

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Documents to be enclosed with the TECHNICAL BID as per Clause 1.3.2(b) of Part-I of Chapter-III of Tender Document	No	No	Not Allowed
1.1	Offer letter complete as per Form-1 of Tender Document	Yes	No	Allowed (Mandatory)
1.2	Tenderer's Technical credentials in accordance with Para 1.3.13 (i)(A) of Part-I, Chapter-III (Preamble & General Instructions to Tenderers): As per Form No. 2A of Tender Document	Yes	Yes	Allowed (Mandatory)
1.3	Tenderer's Financial credentials in accordance with Para 1.3.13 (i)(B) of Part-I, Chapter-III (Preamble & General Instructions to Tenderers): As per Form No. 2B of Tender Document	Yes	Yes	Allowed (Mandatory)
1.4	Applicant's Party Information Form: As per Form 2D of tender Document.	Yes	No	Allowed (Mandatory)

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

Tender No: KKK-EL-KQR-DVC-132KV-2R

Closing Date/Time: 12/05/2023 15:00

1.5	Certificates for authenticity of documents/ Format for Affidavit: As per Form 22 of Tender Document.	Yes	Yes	Allowed (Mandatory)
1.6	Format of Integrity pact: As per Form 20 of Tender Document.	Yes	Yes	Allowed (Mandatory)
1.7	Details of Earnest money in accordance with Para 1.3.8 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers).	Yes	Yes	Allowed (Mandatory)
1.8	An undertaking that he is not blacklisted or debarred by Railways or any other Ministry or Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was or is a partner/member. Concealment or wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.: As per Clause 1.3.6 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	Yes	Yes	Allowed (Mandatory)
1.9	Documents to be Submitted Along with Tender as per Clause 1.3.6.2 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers).	No	Yes	Allowed (Optional)
1.10	A copy of the tender papers including amendments duly signed and scanned or digitally signed by the tenderer on each and every page in token of his having studied the tender papers carefully shall be attached with the tender	Yes	Yes	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Tender_documentT.No.KKK-EL-KQR-DVC-132KV-2R_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: AMITAVA JAGDEV SINGH

Designation : APM/Electrical