



Value contract

Vendor Address M/s TECHNIQUE ENTERPRISES GROUND FLOOR, PLOT NO 6/6A, DEEP EN Delhi - 110059 Vendor Code : 4405487 GSTN No. : 07AVIPP2803P1Z5	Contract No. : 4600006427 Release Date : 22.05.2024 Validity Start : 22.05.2024 Validity End : 21.05.2025
BA Contact Person : Ravinder Pal BA Contact No. : 9212446366	Contact Person : Aman Kumar Contact No. :
Consignee Address Tata Power Delhi Distribution Limited TPDDL CEN-Store, Opp. C-2 Block Delhi 110035 GSTN No.: 07AABCN6808R1ZV	References : Your participation to tender enquiry TPDDL/ENGG/ENQ/200001632/23-24.

Sub. Installation, testing and commissioning of 33 kV cable and associated works in Tata Power-DDL.

Payment Terms : Refer Annexure

Target Value : 35200571.00 INR (THREE CRORE FIFTY TWO LAKH FIVE HUNDRED SEVENTY ONE RUPEES)

Completion By:

- (i) Schedule of items / quantities/ Rates : Annexure I Attached []
(ii) Special Conditions of the Contract : Annexure II Attached []

For Tata Power Delhi Distribution Limited

AUTHORIZED SIGNATORY

Important Note:- This document does not assure or warrant as regards the measurement of performance , non-performance or short performance by the party named as contracting party herein other than TPDDL in relation to the supplies/services or works involved and the same may not be read in support of any contended right or assertion made by such party in relation thereof unless supported with relevant performance certificate issued by TPDDL.

Tata Power Delhi Distribution Limited
(A Tata Power and Delhi Government Joint Venture)
NDPL House, Hudson Lines, Kingsway Camp, Delhi-110009
Tel 91-11-66112222-31 Fax 91-11-27468042
CIN No. : U40109DL2001PLC111526
Email : TPDDL@tatapower-ddl.com, Website: www.tatapower-ddl.com

Annexure I

Schedule of Item/ Quantities/ Rate

SNo.	MATERIAL CODE DESCRIPTION DETAILS / SPECIFICATIONS	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
1.000	ITC of 33KV Cable Laying Works						
1.001	Ex. 33KV CableTrench-OrdinarySoil	995433		M3	211.00		
	Excavation of cable trench upto 120 cms depth & 60 cms. width at bottom of trench in soil excluding laying of HUME/HDPE Pipes for laying of 33kV 3CX400sqmm one cable or as per drawing - Ordinary soil						
1.002	Ex. 33KV CableTrench-Ord bit/CC/Tile pat	995433		M3	322.00		
	Excavation of cable trench upto 120 cms depth & 60 cms. width at bottom of trench in soil excluding laying of HUME/HDPE Pipes for laying of 33kV 3CX400sqmm one cable or as per drawing - CC road / Ordinary Bituminous/ Tile work pathways						
1.003	Ex. 33KV CableTrench-Dence bit.Asph/RCC	995433		M3	447.00		
	Excavation of cable trench upto 120 cms depth & 60 cms. width at bottom of trench in soil excluding laying of HUME/HDPE Pipes for laying of 33kV 3CX400sqmm one cable or as per drawing- Dense Bituminous road (Asphalt) / RCC road						
1.004	Ex. 33KV CableTrench-Rocky soil/	995433		M3	499.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Road						
	Excavation of cable trench upto 120 cms depth & 60 cms. width at bottom of trench in soil excluding laying of HUME/HDPE Pipes for laying of 33kV 3CX400sqmm one cable or as per drawing Rocky soil/road						
1.005	Surveying of Cable Route	995433		M	44.00		
	Surveying of cable route, excavation of trial pits as per field requirement, preparation of route drawing, finalization of bonding arrangement with location of joint chamber positions & finalizing the cable route in consultation with TPDDL's representative.						
1.006	GPR Survey	995433		M	50.00		
	Surveying of cable route, excavation of trial pits as per field requirement, preparation of route drawing with the help of Geograhic Position Rradar (GPR)/any better geo scanning device for cables, OFC, sewer, water or any other services to ensure safety of these services/utilities while cable laying.The map after GPR survey to be submitted to tatapower-ddl for review and approval. it is imperative that any damage to the utilities shall be on BA's account.						
1.007	Evaluation Thermal Resistivity of Soil	995433		EA	6,864.00		
	Evaluation of Thermal Resistivity of soil at selected locations along the route.						
				EA			

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
1.008	Phase Test/ High Pot Test	995433			2,558.00		
1.009	Laying 33KV 3C x 400 sq.mm	995433		M	182.00		
	Laying, testing and commissioning of 33KV 3C x 400 sq.mm Aluminium, XLPE cable (as per TPDDL's specification) already in the excavated trench/already laid pipe						
1.010	Backfilling Normal Ramming Loose Earth	995433		M3	94.00		
	Backfilling including normal ramming of loose earth during the back filling with selected available riddled earth from the trench excavation.						
1.011	Disposal of Surplus Earth/ Debris	995433		M3	156.00		
	Disposal of surplus earth /debris of excavation after back filling including handling, loading, unloading & transportation						
1.012	S&I of Galvanized Steel	995433		KG	100.00		
	Supply, Fabrication and installation of galvanized steel required for cable mounting structure, tower mounting structure, LA installation, drain crossing structure, barricading, fencing etc., where ever required as per approved drawing including nuts, bolts, washer & clamps.						
1.013	S & I of Danger Plates	995433		EA	156.00		
	Supply, Fixing of the Danger plates on the poles including fabrication						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	of clamp etc.						
1.014	Supply and Spreading of sand	995433		M3	817.00		
	Supply and Spreading of sand in the cable trench forming cushion and cover around & above the cable as per latest drawing & specifications TATA POWER-DDL including all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.015	Supply & Laying warning tape	995433		M	20.00		
	Supply, Laying of 150 mm wide 100 micron thick Red colour LDPE warning tape with desired printing as per latest drawing & specifications TATA POWER-DDL including all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.016	S&I of identification marker / tag	995433		EA	43.00		
	Supply, Installation of identification marker / tag of size 50 mm x 25 mm x 2 mm and fastening the same with Nylon string as per TPDDL specifications or including all accessories as per TPDDL Specifications. (As per TPDDL specifications or IS in case TPDDL specifications are not available)						
1.017	S & I of GI Pipe 200mm	995433		M	2,254.00		
	Supply, Laying of 200 mm dia 6 mm thick ISI marked GI pipe with jointing sockets (wherever required) & making of proper sealing arrangement at the ends of pipes with petty masonry						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	work. (As per TPDDL specifications)						
1.018	S & I of GI Pipe 3 m 150mm	995433		EA	6,864.00		
	Supply, Laying of 150 mm dia 6 mm thick 3 mtr length ISI marked GI pipe with jointing sockets (wherever required) & making of proper sealing arrangement at the ends of pipes with petty masonry work. as per TPDDL specifications						
1.019	S, I, Mounting, Fixing of 33KV 3CX400	995433		EA	5,599.00		
	Supply, Installation, Mounting & fixing of cable/cables with Fire retardant (SMC or Nylon) cleats as per TPDDL specs. & clamps arrangements for 33KV 3Cx400 sq.mm cable & passing through suitable GI pipe (pipe is separate item) including its Jumpering on cable mounting structure of one circuit as required. Excluding supply of mounting structure						
1.020	S, I, Mounting, Fixing of 33KV 3CX630	995433		EA	5,726.00		
	Supply, Installation, Mounting & fixing of cable/cables with Fire retardant (SMC or Nylon) cleats as per TPDDL specs. & clamps arrangements for 33KV 3Cx630 sq.mm cable & passing through suitable GI pipe (Pipe is separate item) including its Jumpering on cable mounting structure of one circuit as required. Excluding supply of mounting structure.						
1.021	S & I of RCC Precast Covers	995433		EA	234.00		
	Supply & Laying of RCC precast protection covers/ tiles as per latest						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	specification & drawing of TATA POWER-DDL.						
1.022	S & I of Route Marker at 200 m	995433		EA	936.00		
	Supply, Fixing of route marker of specified size at 200 mtrs and on turns as specified in the TPDDL standard drawing. Material for fixing the route marker is in the scope of bidder.						
1.023	S & I of Joint Marker	995433		EA	936.00		
	Supply, Fixing of joint marker of specified size at cable joints as specified in the TPDDL standard drawing. Material for fixing the route marker is in the scope of bidder. (250m drum)						
1.024	GI Earth Electrode 40 mm - 3m - Goomties	995433		EA	13,728.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 40 MM dia, Length 3000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, earth pit chamber(civil goomties), cover and connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.025	GI Earth Electrode 40 mm - 6m - Goomties	995433		EA	13,728.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 40 MM dia,						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Length 6000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, earth pit chamber(civil goomties), cover and connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.026	GI Earth Electrode 100 mm - 6m -Goomties	995433		EA	16,661.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 100 MM dia, Length 6000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, earth pit chamber(civil goomties), cover and connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.027	GI Earth Electrode 100 mm - 3m -Goomties	995433		EA	13,728.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 100 MM dia, Length 3000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, earth pit chamber(civil goomties), cover and connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in						

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	bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.028	GI Earth Electrode 40 mm - 3m	995433		EA	12,480.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 40 MM dia, Length 3000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, cover and connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.029	GI Earth Electrode 40 mm - 6m	995433		EA	14,352.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 40 MM dia, Length 6000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, and connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.030	GI Earth Electrode 100 mm - 6m	995433		EA	14,976.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 100 MM dia, Length 6000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, connection arrangement for connection to equipment. This include						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.031	GI Earth Electrode 100 mm - 3m	995433		EA	12,480.00		
	SITC of Earthing with GI Pipe Earth heavy class electrode 100 MM dia, Length 3000 mm for protection with earth enhancement compound (Terec-5 KG and Earthcon-12.5KG), earth clamp, connection arrangement for connection to equipment. This include backfilling and site restoration using your own material. Supply of GI pipe as mentioned above is in bidder scope. The work shall be done as per TPDDL specification and drawings.						
1.032	S & I of Number plate	995433		EA	81.00		
	Supply, Fixing of Number Plate including all accessories as per TPDDL Specifications. (As per TPDDL specifications or IS in case TPDDL specifications are not available)						
1.033	S&I of PN4-PE63-HDPE 200mm	995433		M	562.00		
	Supply, Laying of 200 mm dia PN4 PE63 ISI marked HDPE pipe with jointing sockets(IN OPEN CUT) & making of proper sealing arrangement at the ends of pipes. (As per TPDDL specifications or IS in case TPDDL specifications are not available)						
1.034	S&I of PN4-PE80-HDPE 200mm	995433		M	499.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Supply, Laying of 200 mm dia PN4 PE80 ISI marked HDPE pipe with jointing sockets(IN OPEN CUT) & making of proper sealing arrangement at the ends of pipes. (As per TPDDL specifications or IS in case TPDDL specifications are not available)						
1.035	S&I 50x6 GI flat	995433		M	243.00		
	Supply, Installation ,testing & commissioning of (50x6 GI flat) Earthing conductor for connection of , L.T panel, Junction box, & building Lightning risers & peak Connection etc.						
1.036	ITC of 30KV LA	995433		EA	4,353.00		
	ITC of 30KV,10KA,Zinc oxide type, heavy duty, station class, lightning arrester 1CX50 sqmm copper flexible cable if required provided for connection with LA surge counter including jumpering, Bimetallic Clamp for LA if any						
1.037	SITC of 1cx50 sqmm copper cable	995433		M	374.00		
	SITC of 1cx50 sqmm copper cable as per TATA Power-DDL specifications (between LA and counter)						
1.038	SITC of wedge connectors	995433		EA	2,870.00		
	Supply, Installation, Testing & Commissioning of wedge connectors of any type through authorized & certified person						
1.039	ITC of wedge connectors	995433		EA	493.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Installation, Testing & Commissioning of wedge connectors of any type through authorized & certified person						
1.040	Supply, Fixing of Bird guard	995433		EA	374.00		
1.041	ITC of 36kV Post Insulator	995433		EA	187.00		
	Installation, Testing & Commissioning of 36kV Post Insulator (porcelain) as per TATA Power-DDL specifications.						
1.042	ITC of ACSR Zebra conductor	995433		M	62.00		
	Installation, Testing & Commissioning of ACSR Zebra conductor as per TATA Power-DDL specifications						
1.043	ITC of ACSR Goat conductor	995433		M	62.00		
	Installation, Testing & Commissioning of ACSR Goat conductor as per TATA Power-DDL specifications						
1.044	SITC of Hardware & Fittings	995433		EA	1,560.00		
	Supply, Installation ,testing & commissioning of Hardware & Fittings for Conductors (GOAT, ZEBRA)						
1.045	Supply of Paddle connector	995433		EA	1,916.00		
	Supply of Paddle connector as per TPDDL specification and approved make for GOAT/WOLF/ZEBRA Conductor						
1.046	S&I of Rail MS 105 LBS	995433		KG	86.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Supply, Installation of Rail MS 105 LBS as per TPDDL specifications						
1.047	S & I of Al Terminal Connectors	995433		EA	1,323.00		
	Supply, Installation of heavy duty Al Terminal connectors						
1.048	S & I of Al Connectors (Earth Jumpers)	995433		EA	1,320.00		
	Supply, Installation of heavy duty Al Terminal connectors (Earth Jumpers)						
1.049	S& I of 13m Rail Pole	995433		EA	46,800.00		
	Supply, erection of 13 m Rail Pole as per TPDDL specifications						
1.050	ITC of PIN INSULATOR 33 KV (10 KN)	995433		EA	94.00		
	ITC of PIN INSULATOR POLYMER 33 KV (10 KN)						
1.051	Jumpering Various Elect. Equipments	995433		ST	3,688.00		
	Jumpering of various electrical equipment by wolf/goat/Zebra Conductor in between equipment to equipment/ tower to rail pole by connector as per TPDDL standard design (material will be free issued by TPDDL) Set means three phases.						
1.052	ITC of ACSR Wolf Conductor	995433		M	81.00		
	Laying tensioning, testing & commissioning of line, including hoisting of insulators, hardware fittings and Jumpering etc. ACSR "Wolf" conductor (per mtr. per conductor)						
				M			

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
1.053	SITC of GI ladder tray-600	995433			1,154.00		
	Supply, ITC of GI ladder tray-600 as per drawing (in cable trench)						
1.054	SITC of GI ladder tray-300	995433		M	905.00		
	Supply, ITC of GI ladder tray-300 as per drawing (in cable trench)						
1.055	S&I Jali mesh	995433		M2	3,120.00		
	Supply, Fabrication & Installation, grouting of Jalli/Mesh for cable mounting structure of size as per TPDDL standard drawing and instruction of Engineer In charge , above ground painted with one coat of red oxide and two coats of synthetic paint ,one gate of 1.25mtr width,earthing the gate and channel angle frame, and grouting (All material will be supplied by contractor.steel Paint,c wire Mesh/Jalli & Hinges,cement to be supplied by contractor of standard size). (As per TPDDL specifications or IS in case TPDDL specifications are not available)						
1.056	Fixing/ Providing Complete Pacca Stay	995433		EA	2,605.00		
	Fixing/ providing complete pacca stay in 4Cu Ft concrete mortar of the ratio 1:3:6 including the supply of stone blast & Badarpur sand (Cement will be supplied by TPDDL) as per standard design of TPDDL						
1.057	SITC of WIRE STAY GI 7/8 SWG	995433		KG	81.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	SITC of WIRE STAY GI 7/8 SWG as per TPDDL specification.						
1.058	SITC of stay set PLATE BASE	995433		EA	3,354.00		
	SITC of stay set including PLATE BASE RCC SIZE 450X450X75MM as per TPDDL approved drawing						
1.059	SITC of stay set ANCHOR ROD	995433		EA	2,065.00		
	SITC of stay set including ANCHOR ROD SIZE 20MMX210MM as per TPDDL approved drawing						
1.060	SITC of INSULATOR STAY 11KV	995433		EA	87.00		
	SITC of INSULATOR STAY (GUY/EGG) 11KV						
1.061	SITC of Tension Insulator 120 KN	995433		EA	905.00		
	Supply, Installation, Testing & Commissioning of Polymeric Tension Insulator 33 kV, 120 kN as per TATA Power-DDL specifications ENG-EHV-113						
1.062	ITC of Tension Insulator 120 KN	995433		EA	187.00		
	Installation, Testing & Commissioning of Polymeric Tension Insulator 33 kV, 120 kN as per TATA Power-DDL specifications ENG-EHV-113.						
1.063	SITC of Tension Insulator 90 KN	995433		EA	1,030.00		
	Supply, Installation, Testing & Commissioning of Polymeric Suspension Insulator 33 kV, 90 kN as per TATA						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Power-DDL specifications ENG-EHV-115						
1.064	ITC of Tension Insulator 90 KN	995433		EA	187.00		
	Installation, Testing & Commissioning of Polymeric Suspension Insulator 33 kV, 90 kN as per TATA Power-DDL specifications ENG-EHV-115						
1.065	SITC of Fire retardant coating	995433		KG	1,560.00		
	SITC of Fire retardant coating on cables with required accessories as per TATA Power-DDL specifications						
1.066	Painting of poles	995433		EA	218.00		
	Painting of poles in black & yellow strip (Zebra) as per TPDDL Design upto 180 cm.from ground level including numbering of pole in red & white paint of ISI mark to be supplied by contractor. Supply of paint is in bidder scope.						
1.067	S&I of Anticlimbing device	995433		EA	1,560.00		
	Supply, Fixing of Anticlimbing device including Fixing of 14 SWG GI barbed wire (approx. 25 kg), and GI brackets as per IS/ specifications.						
1.068	S & I of Phase Plate	995433		EA	187.00		
	Supply, Fixing of the Phase plates on the poles including fabrication of clamp etc.						
1.069	S & I of Circuit Plate	995433		EA	187.00		
	Supply, Fixing of the Circuit plates on the poles including fabrication						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	of clamp etc.						
1.070	ITC of Cover MVLC-38 for Conductor	995433		M	81.00		
	ITC of Cover MVLC-38 on conductor as per TPDDL specification.						
1.071	ITC of insulated conductor on jumpers	995433		M	125.00		
	ITC of insulated conductor on jumpers as per TPDDL specifications						
1.072	CC Brick ballast 1:6:12	995433		M3	2,658.00		
	Providing & Laying C.C in brick ballast in 1:6:12 (1 Cement : 6 Coarse Sand : 12 Brick aggregate) mix.						
1.073	Earthwork in Excavation upto 1.5m lift	995433		M3	209.00		
	Earth work in excavation in all kinds of soil by mechanical means (Hydraulic excavator) / manual means including dressing of sides and ramming of bottoms including dewatering (both for sub-soil water & rain water) wherever required by means of suitable capacity of pump & pipe lines during excavation, concreting & also keeping the area dry till the construction is over including close timbering including strutting, shoring and packing cavities (wherever required) etc. complete and disposal of excavated Earth lead upto 50m and lift upto 1.5m, disposed Earth to be levelled and neatly dressed						
1.074	Filling Available Excavated Earth	995433		M3	156.00		
	Filling available excavated Earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not						

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	exceeding 20cm in depth, consolidating Each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.						
1.075	Transportation of items- tempo 709/410	995433		EA	5,616.00		
	Transportation of various items from stores to site or from site to site or from site to store including loading and unloading: with tempo 709/410 "EA means per trip"						
1.076	Transportation of items- Truck	995433		EA	5,616.00		
	Transportation of various items from stores to site or from site to site or from site to store including loading and unloading: with truck "EA means per trip"						
1.077	Transportation of power cable drum	995433		EA	4,992.00		
	Transportation of power cable drum from stores to site or from site to site or from site to store including loading and unloading "EA means per trip"						
1.078	Transportation of items- ACE/Pickup/207	995433		EA	2,496.00		
	Transportation of items- ACE/Pickup/207 Transportation of various items including loading and unloading: with ACE/Pickup/207 like small tempo etc. "EA means per trip"						
1.079	Respreading of existing yard gravel ston	995433		M3	1,778.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Collecting, stacking , screening & respreading of existing yard gravel stone.						
1.080	SITC of 33kV BPI - cable mounting struct	995433		EA	8,112.00		
	SITC of 33kV BPI for required cable mounting structure						
1.081	Clamp & connectors - 33kV BPI -2.5 inch	995433		EA	1,997.00		
	SITC of clamp & connectors required for 33kV BPI suitable for 2.5 inch IPS tube						
1.082	Clamp & connectors - 33kV LA -2.5 inch	995433		EA	2,003.00		
	SITC of clamp & connectors required for 33kV LA suitable for 2.5 inch IPS tube						
1.083	Connectors - termination lug -2.5 inch	995433		EA	3,750.00		
	SITC of connector to terminate cable termination lug & 2.5 inch IPS tube						
1.084	Aluminium IPS tube busbar of 2.5 inches	995433		EA	15,616.00		
	SITC of aluminium IPS tube busbar of 2.5 inches suitable for minimum 1600A of required length(maximum 3metre) Rated Current insulated with Raychem BPTM sleeves of 33kV class, endcaps of tube busbar.						
1.085	33kV cable mounting and junction#structu	995433		EA	224,641.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	SITC of 33kV cable mounting and junction structure. This shall be outdoor cable junction arrangement connected with incoming and outgoing power cables of one circuit (three phases) through external open bus bar arrangement comprising of brass palm connectors, aluminium IPS tube busbar of 2.5 inches suitable for minimum 1600A Rated Current insulated with Raychem BPTM sleeves of 33kV class, endcaps of tube busbar. This includes mounting structure with polymeric insulators suitable for 36kV rating class. This also includes all clamps required for cable connection on tube busbar and cable mounting arrangement with Nylon cleats. Scope also include supply of insulators required for separation of earthing flat from mounting structure. Danger Notice Plates shall be provided on the fencing of the mounting structure at suitable height as per the standard and TPDDL Specification & drawing.						
1.086	Clamp & connectors - 33kV BPI -4 inch	995433		EA	2,808.00		
	SITC of clamp & connectors required for 33kV BPI suitable for 4 inch IPS tube						
1.087	Clamp & connectors - 33kV LA -4 inch	995433		EA	2,808.00		
	SITC of clamp & connectors required for 33kV LA suitable for 4 inch IPS tube						
1.088	Connectors - termination lug -4 inch	995433		EA	4,749.00		
	SITC of connector to terminate cable						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	termination lug & 4 inch IPS tube						
1.089	Aluminium IPS tube busbar of 4 inches	995433		EA	16,848.00		
	SITC of aluminium IPS tube busbar of 4 inches suitable for minimum 1600A of required length(maximum 3metre) Rated Current insulated with Raychem BPTM sleeves of 33kV class, endcaps of tube busbar.						
1.090	SITC of 33kV Cable terminating box.	995433		EA	599,042.00		
	SITC of 33kV Cable terminating box. Cable Termination Box suitable for 2 Run 33kV 3CX400sq.mm incoming & outgoing cable, made of CRCA sheet having Double leaf door on front/ Rear with padlock arrangement & panel key with table like base frame of size 1500X1500. The base of table Box frame height of 1mtr from ground. There should be a provision of 2 nos. incoming & 2 nos. outgoing cable through the base frame for termination in boxes. Boxes should have IP protection. Boxes should have copper Busbar of 80 x10 mm , Earthing - 50 x 6 AL, Color Shade - RAL7035, Gland Plate - 3 mm (ms), Cubical Sheet -2mm (ms). Size of Box: 1500X1500X1800 mm.						
1.091	Supply 33KV TOUCHPROOF TERM EUROMOLD	995433		ST	127,920.00		
	Supply of 33KV TOUCHPROOF TERMINATION EUROMOLD 2R 33kV Touch Proof termination kit including all accessories including Tee (M484TB/G), Coupling(M804PB/G)<(>,<)> Trifurcation kit(T-HSBK-50-DR2F),						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Euromold make suitable for double runs of 33kv 3cx400 sqmm power cables.						
1.092	ETC of 33KV TOUCHPROOF TERM EUROMOLD	995433		ST	13,104.00		
	ETC of 33KV TOUCHPROOF TERMINATION EUROMOLD at GIS panel for 3cx400 sqmm power cables.						
1.093	SER-CAB-PN4-PE63-HDD-200mm-DR	995433		M	2,371.00		
	Laying, testing & commissioning of cable making Trenchless ducts with 200 mm dia including laying of cable & HDPE pipe- PN 4, PE63 200 mm dia casing using HDD machine in DOUBLE RUN as per TPDDL Specifications. Scope includes Supply of HDPE Pipe PN 4, PE63 200 mm along with all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.094	SER-CAB-PN4-PE63-HDD-200mm-SR	995433		M	1,061.00		
	Laying, testing & commissioning of cable making Trenchless ducts with 200 mm dia including laying of cable & HDPE pipe- PN 4, PE63 200 mm dia casing using HDD machine in SINGLE RUN as per TPDDL Specifications. Scope includes Supply of HDPE Pipe PN 4, PE63 200 mm along with all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.095	SER-CAB-PN6-PE63-HDD-200mm-DR	995433		M	2,621.00		
	Laying, testing & commissioning of cable						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	making Trenchless ducts with 200 mm dia including laying of cable & HDPE pipe-PN Grade 6, PE63 200 mm dia casing using HDD machine in DOUBLE RUN as per TPDDL Specifications. Scope includes Supply of HDPE Pipe PN 6, PE63 200 mm along with all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.096	SER-CAB-PN6-PE63-HDD-200mm-SR	995433		M	1,435.00		
	Laying, testing & commissioning of cable making Trenchless ducts with 200 mm dia including laying of cable & HDPE pipe-PN Grade 6, PE63 200 mm dia casing using HDD machine in SINGLE RUN as per TPDDL Specifications. Scope includes Supply of HDPE Pipe PN 6, PE63 200 mm along with all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.097	SER-CAB-PN6-PE63-HDD-200mm-TR	995433		M	4,056.00		
	Laying, testing & commissioning of cable making Trenchless ducts with 200 mm dia including laying of cable & HDPE pipe-PN Grade 6, PE63 200 mm dia casing using HDD machine in TRIPLE RUN as per TPDDL Specifications. Scope includes Supply of HDPE Pipe PN 6, PE63 200 mm along with all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.098	SER-CAB-PN4-PE80-HDD-200mm	995433		M	1,997.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Laying, testing & commissioning of cable making Trenchless ducts with 200 mm dia including laying of cable & HDPE pipe- PN 4, PE80 casing using HDD machine. Scope includes Supply of HDPE Pipe PN 4, PE80 200 mm along with all accessories. (If TPDDL specifications is not available then relevant IS will be applicable)						
1.099	OFC - With Power cable - Open cut	995433		M	131.00		
	Supply, Laying, testing and commissioning of OFC (with power cable) through already excavated trench in 40 mm HDPE in open cut including supply & laying of pipe along with push fit coupler (Coupler HDPE push fit type - 50 nos.) (The work also include cable blowing and pulling). HDPE to be as per TPDDL specifications						
1.100	Earthwork -OFC- W/o Power cable-Open cut	995433		M	356.00		
	Earth work for laying of OFC in Open Trench (without power cable) including SITC of OFC through open laying. The scope includes including supply & laying of 40 mm HDPE pipe along with push fit coupler (Coupler HDPE push fit type - 50 nos.) (The work also include cable blowing and pulling). HDPE to be as per TPDDL specifications.						
1.101	OFC - GI pipe 50 mm	995433		M	593.00		
	Supply, Laying & Clamping, testing and commissioning of OFC through already excavated trench in 50 mm GI						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	PIPE class -A in open cut including supply & laying of pipe (The work also include cable blowing and pulling). PCC (Concrete work) over GI Pipe.						
1.102	OFC - With Power cable - Trenchless	995433		M	312.00		
	Supply, Laying, testing and commissioning of OFC through trenchless in 40 mm HDPE PIPE (with Power cable) including supplying & laying of pipe (The work also include cable blowing and pulling). HDPE to be as per TPDDL specifications						
1.103	OFC - Without Power cable - Trenchless	995433		M	312.00		
	Supply, Laying, testing and commissioning of OFC through trenchless in 40 mm HDPE PIPE (without Power cable) including supplying & laying of pipe (The work also include cable blowing and pulling). HDPE to be as per TPDDL specifications						
1.104	SITC of FMS 24F	995433		EA	9,360.00		
1.105	SITC of FMS 48F	995433		EA	14,664.00		
1.106	SITC of OFC-24 F in joint chamber/loop	995433		M	94.00		
1.107	SITC of OFC-48F in joint chamber /loop	995433		M	125.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
1.108	SITC of joint chamber for OFC	995433		EA	7,488.00		
1.109	Supply & fixing of joint marker for OFC	995433		EA	312.00		
1.110	SITC of splice closure 96 F.	995433		EA	8,798.00		
1.111	SITC of CABLE BELDON 2 CORE	995433		M	75.00		
1.112	S&I Route marker at 50 m	995433		EA	936.00		
	Supply, Fixing of route marker of specified size at 50 mtrs and on turns as specified in the TPDDL standard drawing. Material for fixing the route marker is in the scope of bidder.						
1.113	Laying of OPGW	995433		M	131.00		
	Laying of OPGW from rail pole to tower etc. as per requirement						
1.114	SITC OPGW Jointing Kit	995433		EA	4,056.00		
	SITC OPGW Jointing Kit						
1.115	CAT-6 CABLE - PVC/GI flexible conduit	995433		M	374.00		
	Supply, Fixing & Testing of CAT-6 COMMUNICATION CABLE along with PVC/GI flexible Conduit						
1.116	Dismantling of ACSR Wolf conductor	995433		M	50.00		
	Dismantling of ACSR "Wolf" conductor						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	(per mtr/ per conductor) including stacking at site, re- rolling of dismantled ACSR conductor on drum and transportation of dismantled material to TPDDL store/ site as per requirement of Engineer- in- charge. Including loading/ unloading						
1.117	Dismantling of MS rail 42 pole	995433		EA	4,992.00		
1.118	Dismantalling of Mounting Structure	995433		TON	18,720.00		
	Dismantling of mounting structure as per TPDDL engineer instructions						
1.119	Dismantling of structure	995433		KG	62.00		
	Dismantling of structure including H/W fitting, pin with insulator, insulator, insulator strings, x-arm etc. from Pole structure as per requirement of engineer in charge (No separate charges for transportation and loading/unloading will be paid for this item)						
1.120	Dismantling of H/W fitting - Single Pole	995433		EA	1,872.00		
	Dismantling of H/W fitting with insulator, insulator strings etc. from the Rail Poles-Single Pole Structure as per requirement of engineer in charge. (No separate charges for transportation and loading/unloading will be paid for this item)						
1.121	Dismantling of H/W fitting - Double Pole	995433		EA	2,808.00		
	Dismantling of H/W fitting with insulator, insulator strings etc. from the Rail Poles-Double Pole Structure as						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	per requirement of engineer in charge. (No separate charges for transportation and loading/unloading will be paid for this item)						
1.122	Dismantling of H/W fitting - Tri Pole	995433		EA	4,118.00		
	Dismantling of H/W fitting with insulator, insulator strings etc. from the Rail Poles-TriPole Structure as per requirement of engineer in charge. (No separate charges for transportation and loading/unloading will be paid for this item)						
1.123	Dismantling of H/W fitting - Four Pole	995433		EA	4,680.00		
	Dismantling of H/W fitting with insulator, insulator strings etc. from the Rail Poles-four Pole Structure as per requirement of engineer in charge. (No separate charges for transportation and loading/unloading will be paid for this item)						
1.124	Dismantling - G.I.Wire 4 SWG	995433		M	10.00		
1.125	Dismantling - G.I.Wire 8 SWG	995433		M	11.00		
1.126	Cutting of stubs (set of 4 members)	995433		EA	1,664.00		
1.127	Dismantling - Cable from mounting struct	995433		EA	4,680.00		
	Dismantling - Cable from mounting structure.						
1.128	Dismantling of 9m Pole with Hardware fit	995433		EA	2,808.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Dismantling of 9m pole including any hardware fittings as per requirement of engineer in charge. (No separate charges for transportation and loading/unloading will be paid for this item)						
1.129	Dismantling of 11m Pole with Hardware fi	995433		EA	3,432.00		
	Dismantling of 11m pole including any hardware fittings as per requirement of engineer in charge. (No separate charges for transportation and loading/unloading will be paid for this item)						
1.130	Dismantling of Existing Isolator	995433		ST	1,872.00		
	Dismantling of existing isolator (to be considered at inderpuri grid). This item scope also including loading , unloading and transportation of the same to store as per TPDDL project in charge						
1.131	Dismantling of Tower, Gantry	995433		TON	18,720.00		
	Dismantling tower, gantry/super structure						
1.132	Dismantalling 33 KV Cable	995433		M	343.00		
	Dismantling of 33KV U/G/AG cable by digging the required size of trench and back refilling the trench, ramming surface and re-rolling the cable on the drum or in the shape of coil as per TPDDL engineer instructions .						
1.133	Dismantling of ACSR Panther conductor	995433		M	41.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Dismantling of ACSR panther conductor (per conductor / per mtr) including dismantling of H/W fittings with insulator strings from existing structure/pole as per requirement of engineer in charge. (No separate charges for transportation and loading/ unloading will be paid for this item (rerolling included))						
1.134	Dismantling of ACSR Goat conductor	995433		M	41.00		
	Dismantling of ACSR GOAT conductor (per conductor / per mtr) including dismantling of H/W fittings with insulator strings from existing structure/pole as per requirement of engineer in charge. (No separate charges for transportation and loading/ unloading will be paid for this item (rerolling included))						
1.135	Dismantling of OPGW from rail poles	995433		M	28.00		
1.136	P/L Cement concrete 1:4:8	995433		M3	6,583.00		
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (Zone - III) : 8 graded stone aggregate 40 mm nominal size).						
1.137	P/L Cement concrete 1:3:6	995433		M3	6,583.00		
1.138	Centering & Shuttering - Foundation etc.	995433		M2	243.00		

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete.						
1.139	Centering & Shuttering - Columns etc.	995433		M2	181.00		
	Centering and shuttering including strutting, propping etc. and removal of form for : Columns<(>,<)> Pillars, Piers, Abutments, Posts and Struts for all heights.						
1.140	P/L M-25 grade CC for RCC	995433		M3	8,112.00		
	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Min. Cement content shall be 350 KG/M3.) All works up to plinth level.						
1.141	S&I Steel Work - Single Section	995433		KG	100.00		
	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
1.142	S&I Steel Work - Built up Section	995433		KG	100.00		
	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
1.143	B/W in cement mortar 1:6	995433		M3	5,148.00		
	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)						
1.144	P/F IRC fabric (welded mesh)	995433		KG	187.00		
	Providing and fixing IRC fabric (welded mesh) of desired size to the frame of MS angles, channels, tees, flats etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer as required. In frames, gates etc. (Cost of MS frame will be paid separately). Fixed to steel frames by welding.						
1.145	P/F 2mm thick MS sheet	995433		KG	106.00		
	P/F 2mm thick MS sheet including welding cutting assembling and erection including a coat of primer as directed by Eng. In charge						
1.146	Painting with synthetic enamel paint	995433		M2	156.00		
	Painting with synthetic enamel paint						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	of approved brand and manufacture to give an even shade : Two or more coats on new work.						
1.147	12mm Cement Plaster in 1:4 - Fine Sand	995433		M2	237.00		
	12 mm cement plaster of mix for all heights: 1:4 (1 cement: 4 fine sand)						
1.148	15mm Cement Plaster in 1:4 - Fine Sand	995433		M2	247.00		
	15 mm cement plaster on the rough side of single or half brick wall of mix for all heights: 1:4 (1 cement: 4 fine sand)						
1.149	Finishing Wall - Water Proofing Cement	995433		M2	115.00		
	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 KG/10 M2).						
1.150	Demolishing Cement Concrete 1:3:6	995433		M3	1,535.00		
	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)						
1.151	P/L M-25 grade CC in Pavements	995433		M3	11,232.00		
	Providing and laying M-25 grade of cement concrete in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete. (Note:-						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	Mini. Cement content shall be (350 KG)						
1.152	Demolishing RCC Work	995433		M3	2,309.00		
	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.						
1.153	Dismantling Steel Work with Dismembering	995433		KG	28.00		
	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50metres lead.						
1.154	Dismantling Expanded Metal/ IRC Fabrics	995433		M2	94.00		
	Dismantling expanded metal or I.R.C. fabrics with necessary battens and beading including stacking the serviceable material within 50 metres lead.						
1.155	Taking Out Existing C.C	995433		M2	749.00		
	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	lead as per direction of Engineer-in-Charge.						
1.156	Demolishing Brick Work	995433		M3	842.00		
	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar						
1.157	Demolishing Cement Concrete 1:4:8	995433		M3	1,454.00		
	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)						
1.158	Dismantling Steel Work W/O Dismembering	995433		KG	25.00		
	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.						
1.159	P/L RCC 1:1.5:3	995433		M3	7,550.00		
	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement- All work upto plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived						

Sr No	Material Description Details / Specifications	HSN / SAC Code	Qty	Unit	Rate	GST %	Amount
	from natural sources)						
1.160	S&I of Steel reinforcement	995433		KG	87.00		
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete at all levels. Thermo-Mechanically Treated bars of grade Fe-500D or more.						
	Service Subtotal						
	Services Total					18.00	

Annexure II

Terms of Payment

Payment terms:

a) 75% on account payment against the actual executed value certified by EIC of Tata Power DDL in running bill on pro-rate basis. Documents to be provided with invoice/bill: Joint measurement sheet/material verification sheet duly verified by EIC.

b) Balance 25 % payment of the actual executed order value shall be paid after HOTO of the Complete system, including clearance of IHI, compliances of final punch point and after reconciliation of material & adjustment of payments, based on the service entry sheet approved by EIC.

Being services RC, Payment shall be released within 30 days from the date of submission of certified invoices.

Contract Riders

- Engineer in charge for execution - HoG - EHV Projects.
 - Engineer in charge for Drawing/GTP approval - HoG - Plant engineering.
-

1) Tata Power-DDL appreciates and welcomes the engagement/employment of persons from SC/ST community or any other deprived section of society by their BAs.

2) Total RC value is Rs. 35200571 /- (inclusive of GST)

3) Validity of rate contract is one year i.e. up to 21.05.2025.

Subsequently, release orders shall be issued by Tata Power-DDL as and when required.

Prices shall remain firm for entire contract period.

4) Guarantee period shall be 06 months from the date of HOTO of

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complete system after commissioning of project.

5) PBG terms:

a) Within 21 days from the date of issue of contract to BA, BA shall submit SPBG equivalent to 5% of the contract value which shall be valid till end of guarantee period plus one month.

b) After the expiry of RC validity, BA shall have to submit SPBG.

However, the BA has the option to re-submit the SPBG as per actual RO (Release Order) value issued against the RC, valid for Guarantee Period plus one month. The Guarantee Period shall be considered as per the last RO issued against the said RC. The original SPBG as submitted against the RC shall be released on submission of the new SPBG to Tata Power DDL. Alternatively, BA may extend the validity of original SPBG only till the requisite period, i.e. Guarantee Period plus one month.

6) Payment terms:

a) 75% on account payment against the actual executed value certified by EIC of Tata Power DDL in running bill on pro-rate basis. Documents to be provided with invoice/bill: Joint measurement sheet/material verification sheet duly verified by EIC.

b) Balance 25 % payment of the actual executed order value shall be paid after HOTO of the

Complete system, including clearance of IHI, compliances of final punch point and after reconciliation of material & adjustment of payments, based on the service entry sheet approved by EIC.

Being services RC, Payment shall be released within 30 days from the date of submission of certified invoices.

7) Delivery terms:

a) Project Completion Period for 33 KV Cable up to 2 KM shall be 3 months from date of issue of RO subject to clearance of ROW, free issue material and availability of outage from TPDDL.

b) Project Completion Period for 33 KV Cable more than 2 KM and up to 8 KM shall be 5 months from date of issue of RO subject to clearance of ROW, free issue material and availability of outage from TPDDL.

c) Project Completion Period for 33 KV Cable more than 8 KM shall be 7 months from date of issue of RO subject to clearance of ROW, free issue material and availability of outage from TPDDL.

Completion period as mentioned above shall be subjected to availability

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of TPDDL#s free issued material, ROW permission & outage schedule provided by TPDDL. After award of work, successful bidder shall complete the detailed survey to finalize & submit the base line Project schedule within 10 days from the date of issue of LOI/PO/RO whichever is earlier.

8) Tata Power-DDL reserves the rights to enhance the value of the awarded RC by a maximum of 15% on same rate, terms and conditions during the contract validity period.

9) The scope of this tender includes supply of all barricading (including installation, transportation, loading & unloading), dewatering, watch and ward and transportation of scrap (generated at Site), balance free-issued material, dismantled material from site to site, site to TPDDL store including loading & unloading and no separate line item shall be paid. Used barricading material will be taken back by bidder soon after job is handed over or as directed by TPDDL E-I-C. No additional cost for these items will be paid to the Bidder. Exception shall be given to power cable drums as per line item of Annexure-I.

10) BA to provide all support & infrastructure to the Jointer for doing Terminations of Joint Kits. No additional cost for these item will be paid to the Bidder.

11) Necessary statutory clearance from CEI of Delhi & any other authority for energizing the Circuit shall be in the scope of this tender. However, any statutory fees shall be borne by TPDDL on production of documentary evidence.

13) Any other material not specifically mentioned above but required for successful commissioning and operation is in the scope of BA.

14) Prior erecting any extra items for this scheme- rates should be approved from competent authority.

15) Wherever TPDDL specifications are not available relevant IS/ IEC to be followed. The work to be done as per the latest approved drawings and specification wherever applicable, BA to get the latest drawings before start of project work from plant engineering.

16) BA should have own testing equipment#s/ they have to provide like IR Tester, Hi Pot Test Kit and Earth Tester with Calibration certificates for testing the cables.

17) BA should have own Safety equipment like Neon Tester, Portable Earth, Earthing discharge rod etc along with Calibration certificates of all

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equipment.

18)BA should have all major tools and tackles for cable laying like Bench Machine, Rollers, jack for lifting the cable drum along with calibration certificates etc.

19)BA has to depute the safety officer and Quality officer separately at site for whole duration and they have to submit the safety report and quality report to TPDDL E-I-C on weekly basis.

20)Taking Over: After commissioning of the complete system and final approval of Electrical Inspector & compliance to punch points observed to the satisfaction of Projects as per statutory requirements, system shall be handed over to TPDDL. Incase taking over by TPDDL is delayed because of reasons not attributable to BA, taking over certificate will be issued by TPDDL & Retention money will be released. It would be considered to be deemed taking over by TPDDL after fully compliance by bidder to all applicable successful testing & compliance to Inspections carried out to the satisfaction of TPDDL Projects & further taking over is pending due to reasons attributable to TPDDL beyond one month time. However Retention amount shall be cleared after 03 months at the option of bidder after successful Pre commissioning & EI clearance subject to fulfilling of other terms of Tender (i.e Submission of EPBG etc) & submission of undertaking from bidder to provide fullest support in future at the time of commissioning.

21)Permissions from road owning agencies & statutory clearances shall be taken by TPDDL, however full support shall be provided by BA to achieve it.

22)There will be no price escalation given to bidder after issue the RO even if there is delayed the project due to ROW permission.

23) Statutory Variations: Any changes in existing taxes/ Duties and levies, Introduction of new taxes and duties etc during the period of the contract shall be paid at actuals to BA subject to BA shall submit the tax break up in details, however, where BA has quoted the all-inclusive prices and not shown the tax break-up, this clause will not be applicable. The date of issue of MDCC shall be used for this purpose.

24)In case any additional material is to be asked to supply after finalization of scope of work in the detailed Engineering, the Extra

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price and the extension of delivery time (if applicable) as the case may be mutually agreed between TPDDL and BA.

25) New Generation Hydra shall be used for loading, unloading, handling & erection of equipment at site. Normal Hydra shall not be used at site. In case of site related issues where crane or New Gen Hydra cannot be used due to site constraint or other reasons, the Normal Hydra can be used only post receipt of permission from Tata Power DDL E-I-C.

26) BA has to follow the Contract safety management (CSM) as per GCC. The penalty will be imposed on bidder for any safety violation as per CSM matrix.

27) The scope of supply items- includes design, Engineering, Manufacturing; testing, loading, unloading, transportation to site storage, preservation, insurance, along with supply of all accessories, tools, spares, O&M catalogs for successful ITC is in the scope of BA.

28) BA shall mention 6 digits HSN code on invoice in compliance with govt. notification, if annual turnover in the last FY is more than Rs. 5 Cr.

29) GCC composite revision 16 shall be applicable in this contract.

30) All other terms and conditions as mentioned in the tender vide TPDDL/ENGG/ENQ/200001632/2023-24 subsequent addendum / corrigendum if any, as mutually agreed by BA and Tata power-DDL.