



Section-VIII

FOLDER-II

PART-I

SCHEDULE OF RATES (UN-PRICED BID)

PART-A (90000400)

E-BID DOCUMENT No.: BCPL/C&P/LE17W056AD/90000399 & 400

Date: 10.07.2017

***Bidder must mention as **QUOTED** in un-priced bid against each SOR
Item***

SAC CODE: _____ [Vendor to Fill up & confirm during Un-priced Bid Submission]

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



E-BID DOCUMENT No.: BCPL/C&P/LE17W056AD/90000399 & 400

Date: 10.07.2017

PART-A (90000400)

Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
1	10	PROVIDING ASST ROUND THE CLOCK Long Text: Providing assistance in operation & health monitoring of electrical system round the clock and to attend breakdown on electrical system as and when required in Upstream, Downstream & CPP area as defined in part A of SCC .Job will be carried out round the clock in 3 shifts at five location. Each shift at 5 location shall require 1 skilled & 1 semi skilled technicians for execution of work .(15 skilled and 15 semi-skilled manpower per day)	EA	365				
	20	PROVIDING ASST GENERAL SHIFT Long Text: Providing assistance in general shift for preventative, breakdown	EA	313				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		maintenance of Electrical equipments in Upstream, Downstream & CPP area as defined in part A of SCC . Each general shift shall require 6 highly skilled, 14 skilled & 14 semi skilled						
	30	MANDAY CHARGES OF UNSKILLED MANPOWER Long Text: Providing un skilled manpower to meet emergent situation & for carrying out any unforeseen/contingent nature job not covered under above items. This will be purely on call basis as and when required.	MAD	150				
	40	MANDAY CHARGES FOR WELDER Long Text: MANDAY CHARGES for providing Qualified Welder along-with Welding Machine and Welding Electrodes, PPE's etc. for execution of miscellaneous works at BCPL, LEPETKATA/GDU DULIAJAN and its associated facilities including tools/tackles etc. except consumables as per specifications of the tender and	MAD	50				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		directions of the EIC.						
	50	INST OF 3 CORE 33/6.6 KV JOINTING KIT Long Text: Installation of Indoor/Outdoor type heat shrinkable end termination kit/straight through joint kits for 3 Core, 33KV/6.6KV, Al/Cu. Conductor XLPE Armoured Cable (UE Type), of sizes upto 300 sq.mm. excluding supply of kit but including all tools and tackles etc. as required for making of termination as per standard work practice and directions of the EIC.	NOS	5				
	60	INST OF 1 CORE 33 KV JOINTING KIT Long Text: Installation of Indoor/Outdoor type heat shrinkable end termination kit for 1 Core, 33KV, Cu. Conductor XLPE Armoured Cable(UE Type), of sizes upto 500 sq.mm. excluding supply of kit but including all tools and tackles etc. as required for making of	NOS	5				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		termination as per standard work practice and directions of the EIC.						
	70	INST OF 1.1 KV JOINTING KIT Long Text: Installation of straight through Joint Kit for 1.1KV Grade, Al/Cu. Conductor PVC Insulated and Sheathed Armoured Cable of sizes upto 300sq.mm. Single/3/3/5/Multi Core Cables, excluding supply of kit but including all tools and tackles etc. required for making of termination as per standard work practice and directions of the EIC.	NOS	5				
	80	PAINT OF LETTER UP TO 25 MM Long Text: Painting of Alphabetical letters and numbers on equipments, poles, panels on Yellow Base Colour and Black Colour of the Alphabets/Numbers including supply of the paint of required shade including supply of manpower, materials like Paint Brush, Stencil , tools and tackles etc. required for execution of the work, as per direction of the EIC. i) Including	NOS	2000				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		and upto Size 25 mm						
	90	PAINT OF LETTER UP TO 50 MM Long Text: Painting of Alphabetical letters and numbers on equipments, poles, panels on Yellow Base Colour and Black Colour of the Alphabets/Numbers including supply of the paint of required shade including supply of manpower, materials like Paint Brush, Stencil , tools and tackles etc. required for execution of the work, as per direction of the EIC. i) Including and upto Size 50 mm	NOS	4000				
	100	PAINT OF LETTER UP TO 100 MM Long Text: Painting of Alphabetical letters and numbers on equipments, poles, panels on Yellow Base Colour and Black Colour of the Alphabets/Numbers including supply of the paint of required shade including supply of manpower, materials like Paint Brush, Stencil , tools and tackles etc. required for execution of the work, as	NOS	6000				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		per direction of the EIC. i) Including and upto Size 100 mm						
	110	SUPP & APP OF ONE COAT EN PAINT Long Text: Painting of lighting poles and other electrical equipments with Berger / Shalimar / Asian enamel paint, in the shades as directed by the EIC including supply of all labour ,material and consumables as per specifications of the tender and directions of EIC. i) Supply and application of one coat of light build zinc phosphate primer after making preparation of surface to be painted with the help of wire brush, emery or sand paper.	GM2	400				
	120	SUPP & APP OF TWO COAT EN PAINT Long Text: Painting of lighting poles and other electrical equipments with Berger / Shalimar / Asian enamel paint, in the shades as directed by the EIC including supply of all labour,	GM2	400				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		material and consumables as per specifications of the tender and directions of EIC. i) Supply and application of two coat of first quality synthetic enamel paint / aluminum paint after making preparation of surface to be painted with the help of wire brush, emery or sand paper.						
	130	SUPP & APP OF ONE COAT SYN PAINT Long Text: Painting of lighting poles and other electrical equipments with Berger / Shalimar / Asian enamel paint, in the shades as directed by the EIC including supply of all labour ,material and consumables as per specifications of the tender and directions of EIC. i) Supply and application of one coat of first quality synthetic paint / al. paint after making preparation of surface to be painted with the help of wire brush, emery or sand paper.	GM2	400				
	140	SUPP & APP OF TWO COAT SYN PAINT Long Text:	GM2	400				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Painting of lighting poles and other electrical equipments with Berger / Shalimar / Asian enamel paint, in the shades as directed by the EIC including supply of all labour ,material and consumables as per specifications of the tender and directions of EIC. i) Supply and application of two coat of epoxy paint of approved make as per the direction of engineer in charge by spray painting machine including the cost of paint and labour to complete the job.						
	150	SUPP, FIX OF 25 MM PVC CONDUIT Long Text: Supply & fixing of 25 mm PVC heavy gauge conduit (As per tender specifications and approved makes)on walls including supply of conduit, clamps, bends, unions, all other required hardwares and accessories, PVC junction boxes and saddles etc, as per the directions of the EIC.	M	40				
	160	SUPP & LAY 3/20,3/22,3/18 FRLS CABLE Long Text:	M	90				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		Supply and laying of FRLS PVC Insulated Copper Wires in safe area/buildings/substations in existing concealed or surface conduit. This includes removal of burnt/ damaged wire, supply and laying of new wires of same size and making connections in existing DB/Switch etc. of following sizes from lighting/power panel/distribution junction box onwards ,excluding the supply of junction boxes and cable glands but including cable termination and connections, including all tools. tackles and accesories etc. as per approved drawings ,specifications of this tender and directions of engineer-in -charge. i) 3/20, 3/22,3/18 of FINOLEX/HAVELL's make						
	170	SUPP & LAY 7/20,7/22 FRLS CABLE Long Text: Supply and laying of FRLS PVC Insulated Copper Wires in safe area/buildings/substations in existing concealed or surface conduit. This includes removal of burnt/ damaged	M	90				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		wire, supply and laying of new wires of same size and making connections in existing DB/Switch etc. of following sizes from lighting/power panel/distribution junction box onwards ,excluding the supply of junction boxes and cable glands but including cable termination and connections, including all tools. tackles and accesories etc. as per approved drawings ,specifications of this tender and directions of engineer-in -charge. i) 7/20, 7/22 of FINOLEX/HAVELL's make						
	180	SUPP, FIXING OF CASING CAPPING Long Text: Supply and fixing of casing caping flat conduit on walls/ wooden panels etc. The flat conduit shall be of 1"/1.5" width and shall be fixed using PVC rawal plugs and wooden screws of appropriates size. Material shall be duly approved by EIC and job shall be carried out as per specifications of the tender and directions of EIC.	M	80				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
	190	SUPP & LAY OF NEW 3/20,3/22,3/18 WIRE Long Text: Supply and laying of FRLS PVC insulated copper wire of Havells/Finolex make of following sizes in new/unused Flat PVC conduit/M.S conduit & casing capping, connections on both ends including its necessary terminations as per specifications of the tender and directions of the EIC. I) 3/20, 3/22, 3/18 ofFINOLEX/HAVELL's make	M	80				
	200	SUPP & LAY OF NEW 7/20,7/22 WIRE Long Text: Supply and laying of FRLS PVC insulated copper wire of Havells/Finolex make of following sizes in new/unused Flat PVC conduit/M.S conduit & casing capping, connections on both ends including its necessary terminations as per specifications of the tender and directions of the EIC. I) 7/20, 7/22 of FINOLEX/HAVELL's make	M	80				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
	210	DISC, DISMANT & LIFT OF SUB PUMP Long Text: Disconnection, Dismantling and Lifting of existing submersible pumpset for borewell including all tools and tackles etc as per specifications of the tender and directions of the EIC .	EA	1				
	220	LOW, INST & CONN OF EX/NEW SUB PUMP Long Text: Lowering, installation and connection of existing/new submersible pumpset for borewell including all tools and tackles etc as per specifications of the tender and directions of the EIC .(Supply of Pumpset is excluded).	EA	1				
	230	LAY OF CBL OD UPTO 20 MM Long Text: Laying of cables of different voltage grades(1.1KV/6.6KV/33KV) and types of the following external overall diameters in ready tray/trenches/ supported over concrete or MS structure/pull through GI/Hume pipes including supply, clamping and	M	2500				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		fabrication of clamps using GI Saddles/Saddle Bars, dressing/fixing of clamps/cleats/welding of saddles, supply and fixing of aluminium/lead strips number tags and tagging of cables, supply and applying of fireproofing paint to meet OISD requirement(for 1 m length near terminations),including transportation from store/yard to site at the place of installation, unpacking, un-rolling of cables, including all labours and materials, as per approved drawings ,specification of this tender and direction of Engineer-In-Charge. In case of of water logging in cable trench, Contractor shall arrange for dewatering of the trench also. I) Cables with OD upto 20mm						
	240	LAY OF CBL 20<OD < =30 MM Long Text: Laying of cables of different voltage grades(1.1KV/6.6KV/33KV) and types of the following external overall diameters in ready tray/trenches/ supported over concrete or MS structure/pull through GI/Hume pipes	M	2500				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		including supply, clamping and fabrication of clamps using GI Saddles/Saddle Bars, dressing/fixing of clamps/cleats/welding of saddles, supply and fixing of aluminium/lead strips number tags and tagging of cables, supply and applying of fireproofing paint to meet OISD requirement(for 1 m length near terminations), including transportation from store/yard to site at the place of installation, unpacking, un-rolling of cables ,including all labours and materials, as per approved drawings ,specification of this tender and direction of Engineer-In-Charge. In case of of water logging in cable trench, Contractor shall arrange for dewatering of the trench also. I) Cables with OD above 20 mm but upto 30mm						
	250	LAY OF CBL 30<OD < =40 MM Long Text: Laying of cables of different voltage grades(1.1KV/6.6KV/33KV) and types of the following external overall diameters in ready tray/trenches/	M	1000				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		supported over concrete or MS structure/pull through GI/Hume pipes including supply, clamping and fabrication of clamps using GI Saddles/Saddle Bars, dressing/fixing of clamps/cleats/welding of saddles, supply and fixing of aluminium/lead strips number tags and tagging of cables, supply and applying of fireproofing paint to meet OISD requirement(for 1 m length near terminations), including transportation from store/yard to site at the place of installation, unpacking, un-rolling of cables ,including all labours and materials, as per approved drawings , specification of this tender and direction of Engineer-In-Charge. In case of of water logging in cable trench, Contractor shall arrange for dewatering of the trench also. I) Cables with OD above 30 mm but upto 40mm						
	260	LAY OF CBL 40<OD < =50 MM Long Text: Laying of cables of different voltage grades(1.1KV/6.6KV/33KV) and	M	500				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		types of the following external overall diameters in ready tray/trenches/ supported over concrete or MS structure/pull through GI/Hume pipes including supply, clamping and fabrication of clamps using GI Saddles/Saddle Bars, dressing/fixing of clamps/cleats/welding of saddles, supply and fixing of aluminium/lead strips number tags and tagging of cables, supply and applying of fireproofing paint to meet OISD requirement(for 1 m length near terminations), including transportation from store/yard to site at the place of installation, unpacking, un-rolling of cables ,including all labours and materials, as per approved drawings, specification of this tender and direction of Engineer-In-Charge. In case of of water logging in cable trench, Contractor shall arrange for dewatering of the trench also. I) Cables with OD above 40 mm but upto 50mm						

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
	270	LAY OF CBL 50<OD < =60 MM Long Text: Laying of cables of different voltage grades(1.1KV/6.6KV/33KV) and types of the following external overall diameters in ready tray/trenches/ supported over concrete or MS structure/pull through GI/Hume pipes including supply, clamping and fabrication of clamps using GI Saddles/Saddle Bars, dressing/fixing of clamps/cleats/welding of saddles, supply and fixing of aluminium/lead strips number tags and tagging of cables, supply and applying of fireproofing paint to meet OISD requirement(for 1 m length near terminations),including transportation from store/yard to site at the place of installation, unpacking, un-rolling of cables ,including all labours and materials, as per approved drawings, specification of this tender and direction of Engineer-In-Charge. In case of of water logging in cable trench, Contractor shall arrange for dewatering of the trench also. I) Cables with OD above 50 mm but	M	500				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		upto 60mm						
	280	LAY OF CBL OD ABOVE 60 MM Long Text: Laying of cables of different voltage grades(1.1KV/6.6KV/33KV) and types of the following external overall diameters in ready tray/trenches/ supported over concrete or MS structure/pull through GI/Hume pipes including supply, clamping and fabrication of clamps using GI Saddles/Saddle Bars, dressing/fixing of clamps/cleats/welding of saddles, supply and fixing of aluminium/lead strips number tags and tagging of cables, supply and applying of fireproofing paint to meet OISD requirement(for 1 m length near terminations), including transportation from store/yard to site at the place of installation, unpacking, un-rolling of cables, including all labours and materials, as per approved drawings ,specification of this tender and direction of Engineer-In-Charge. In	M	500				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		case of of water logging in cable trench, Contractor shall arrange for dewatering of the trench also. I) Cables with OD above 60 mm						
	290	CONN OF NEW CBL50<OD<=60 MM Long Text: Connection of new XLPE power cables(6.6KV to 33KV) including fixing of cable glands, fixing of PVC shrouds, crimping of lugs, earthing connections etc. for outdoor/indoor cable terminations excluding supply of lugs, glands etc, but including all labours and tools, as per standard practice ,specification of this tender and direction of Engineer-In-Charge. I) Cables with OD above 50 mm but upto 60mm	EA	5				
	300	CONN OF NEW CBL OD ABOVE 60 MM Long Text: Connection of new XLPE power cables(6.6KV to 33KV) including fixing of cable glands, fixing of PVC shrouds, crimping of lugs, earthing connections etc. for outdoor/indoor	EA	5				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		cable terminations excluding supply of lugs, glands etc, but including all labours and tools,as per standard practice ,specification of this tender and direction of Engineer-In-Charge. I) Cables with OD above 60mm						
	310	SUPP, FAB & INST OF MS CHEQ PLATE Long Text: Supply , Fabrication and installation of MS Base Frames, MS Chequered Plates of dimension 50x50x6 mm and 6 mm thick, MS Support for Switchgear and brackets for misc. Electrical Equipment, Cable and Cable Tray Supports out of Rolled MS Section ,Flats, Pipes, Plates etc, including shot blasting, welding, bolting, rivetting, supply of necessary anchor bolts and grouting etc, supply of paint and applying one coat of anti-rust primer and two finished coats of approved synthetic enamel paint, including breaking walls/floors etc, for structures as required including supply of all GI hardware material, all labour and materials etc. as per the	KG	1000				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		standard specifications of the tender and directions of Engineer- In-Charge.						
	320	SUPP, INST & ERE OF CANOPIES OF OUT EQUIP Long Text: Supply, installation and erection of canopies of miscellaneous outdoor equipments like motors, Welding receptacles, Local control stations, switchboards etc for rain/weather protection of 16 SWG (1.6mm) sheet steel including the cost of steel, hardware, painting and labour etc. as per specifications of the tender and directions of EIC.	KG	250				
	330	SUPP, FAB & INST OF 22 SWG GI SHEET Long Text: Supply, fabrication and installation of 22 SWG GI sheet covers for cable trays, including necessary hardwares, including all labour and materials as per specifications of the tender and directions of EIC.	GM2	100				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
	340	SALT TREATMENT OF EARTH PIT Long Text: Salt Treatment of Earth pit with Charcoal and Salt and water sloution to achive a desirable resistance value (individual & with grid) including all labour and materials as per specifications of the tender and directions of EIC. Charcoal, Salt and other materials are in the scope of the contractor ,only earth tester shall be provided by BCPL.	NOS	100				
	350	SUPP, INST & CONN OF 20/3 GI EARTH STRIP Long Text: Supply, installation and connection of following GI earth strip along the ready cable trenches or cable trays or fixing on walls or structures including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and all necessary hardware for connecting etc., including all labour and tools, as per approved drawings, specifications of this tender and	M	40				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		directions of Engineersin- Charge. I) 20 x 3 mm						
	360	SUPP, INST & CONN OF 50/6 GI EARTH STRIP Long Text: Supply, installation and connection of following GI earth strip along the ready cable trenches or cable trays or fixing on walls or structures including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and all necessary hardware for connecting etc., including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineersin- Charge. I) 50 x 6 mm	M	40				
	370	SUPP, INST & CONN OF 75/10 GI EARTH STRIP Long Text: Supply, installation and connection of following GI earth strip along the ready cable trenches or cable trays or fixing on walls or structures including welding at joints, providing anti-	M	40				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		corrosive paint or bitumen and jute covering for welded portion, clamping and all necessary hardware for connecting etc., including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineersin- Charge. I) 75 x 10 mm						
	380	CONN OF IND EQUIP TO 3/8" DIA EARTH STR Long Text: Connecting individual equipment to the earth strip or earth plate with following sizes of G.I. wire rope including the supply of G.I. wire/ G.I. wire rope, lugs, conductors, connecting to the G.I. strip of earth plate and necessary hardware for connection, including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineersin- Charge. I) 3/8" dia (10 mm) flexible rope.	M	50				
	390	CONN OF IND EQUIP TO 5/8" DIA EARTH STR Long Text: Connecting individual equipment to	M	50				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		the earth strip or earth plate with following sizes of G.I. wire rope including the supply of G.I. wire/ G.I. wire rope, lugs, conductors, connecting to the G.I. strip of earth plate and necessary hardware for connection, including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineersin- Charge. I) 5/8" dia (16 mm) flexible rope.						
	400	CONN OF IND EQUIP TO 8 SWG GI WIRE Long Text: Connecting individual equipment to the earth strip or earth plate with following sizes of G.I. wire rope including the supply of G.I. wire/ G.I. wire rope, lugs, conductors, connecting to the G.I. strip of earth plate and necessary hardware for connection, including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineersin- Charge. I) 8 SWG GI wire	M	50				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
	410	SUPP, LAYING OF 150 MM GI PIPES Long Text: Supply and laying of GI pipes "B" class of following sizes in required length fixed on steel, concrete or similar structure, above ground or laid in trenches, ready to be buried in concrete, including cutting, threading, bending and similar works, supply of clamps, small iron structures, spacers and installation of seats, plugs, bushings etc. small civil works, including all manpower ,materials and tools as per approved drawings , specifications of the tender and directions of EIC. I) 150mm NB	M	20				
	420	SUPP, LAYING OF 100 MM GI PIPES Long Text: Supply and laying of GI pipes "B" class of following sizes in required length fixed on steel, concrete or similar structure, above ground or laid in trenches, ready to be buried in concrete, including cutting, threading, bending and similar works, supply of	M	20				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		clamps, small iron structures, spacers and installation of seats, plugs, bushings etc. small civil works, including all manpower ,materials and tools as per approved drawings ,specifications of the tender and directions of EIC. I) 100mm NB						
	430	SUPP, LAYING OF 50 MM GI PIPES Long Text: Supply and laying of GI pipes "B" class of following sizes inrequired length fixed on steel, concrete or similar structure, above ground or laid in trenches, ready to be buried in concrete, including cutting, threading, bending and similar works, supply of clamps, small iron structures, spacers and installation of seats, plugs, bushings etc.small civil works, including all manpower ,materials and tools as per approved drawings , specifications of the tender and directions of EIC. I) 50 mm NB	M	20				
	440	EXCAVATION & BACKFILLING Long Text: Excavation and backfilling of	GM3	300				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		trenches for cables and earth strip etc. in all types of soil except rock, for a maximum depth of 1.5M, shoring, shuttering and dewatering(if necessary) including consolidation and disposal of surplus earth up to a distance of 100 Metres, including all labour and tools, as per approved drawings, specifications of this tender and direction of Engineer-in-charge.(Excavated trench dimensions shall be measured).						
	450	SUPP, SPREAD OF FINE RIVER SAND Long Text: Supply and spreading of approved fine river sand/stone dust in cable trenches, including all labour and tools, specifications of this tender and direction of Engineer-in-charge.	GM3	200				
	460	SUPP & SPREAD OF SECOND CLASS BRICK Long Text: Supply and spreading of approved second class bricks of 75 mm thickness in cable trenches for cable protection including all labour and	GM2	200				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		tools, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.						
	470	PROV & LAYING OF PCC Long Text: Providing and laying plain cement concrete for all depths below and up to a plinth level in foundations including tamping, ramming, vibrating, curing, shuttering etc. all as specified in any shape, position, thickness and finishing the top surface rough or smooth as specified and directed, including supply of M-15 grade with 20 mm concrete and down size graded crushed stone aggregates, including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	GM3	10				
	480	FAULT FINDING OF 1.1 KV PWR/CTR CBL Long Text: Fault Finding of buried cable/cable laid in concrete trench using cable fault locator including excavation at location of fault , manpower, special	EA	3				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		tools, accessories and logistics at BCPL LEPETK ATA/DULIAJAN/LAKWA/RAILWAY SIDING/RAW WATER INTAKE FACILITY as per specifications of the tender and directions of EIC. The work is to be carried out with close supervision and without damage to cable due to faulty equipment/machine/wrong operation and in a safe manner with proper safety gear/PPE's etc. I) For Power and Control Cables upto 1.1KV Grade						
	490	FAULT FINDING OF 33/6.6 KV PWR CBL Long Text: Fault Finding of buried cable/cable laid in concrete trench using cable fault locator including excavation at location of fault , manpower, special tools, accessories and logistics at BCPL LEPETK ATA/DULIAJAN/LAKWA/RAILWAY SIDING/RAW WATER INTAKE FACILITY as per specifications of the tender and directions of EIC. The work is to be carried out with close supervision and without damage to cable due to faulty	EA	2				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		equipment/machine/wrong operation and in a safe manner with proper safety gear/PPE's etc. I) For Power Cables of 6.6KV and upto 33 KV Grade						
	500	GI PIPE EARTHING STATION Long Text: Supply, assembling, installing, testing and commissioning with all the items for constructing GI pipe earthing station. The earthing station comprises of one number B class GI earthing pipe size 40 mm X 5 mm thick(minimum 4.5 mtr. deep) GI funnel with stainless steel hinged door on steel frame(300 X300mm) to cover up the watering pit, minimum 50 Kg salt , minimum 100 kgs of fine charcoal powder , earthing conductor size 25 mm X 3 mm GI flat from pipe to the ground level , required hardware and miscellaneous items. The work involves digging pit on the soil , burying the earth electrode in the mixture of common salt and charcoal, connecting earthing conductor to earthing electrode,	EA	5				

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."



Sl. No.	Activity Line No.	Service Descriptions	Unit	Qty	Unit Rate		Total Amount	
				(A)	(B)		C=A x B	
					In figure (Rs.)	In words (Rs.)	In figure (Rs.)	In words (Rs.)
		backfilling the soil and constructing the watering pit, preparing the earth-pit chamber , at the site as specified and details as per the direction of EIC						
	510	SUPP AND FTNG OF CI ROUTE MARKER Long Text: Supply with fittings and fixture of Cast Iron(C I) route marking for electrical cable trench (Post mounted Cast Iron Plate).	EA	100				
	Total Basic Amount exclusive of GST[CGST+SGST or IGST] [in Figure]							
	Total Basic Amount excluding GST[CGST+SGST or IGST] [In Words]							
	Applicable GST[CGST+SGST or IGST] Rate in [%]						_____ %	
	GST[CGST+SGST or IGST] Amount (Rs)							
	Total Amount inclusive of GST[CGST+SGST or IGST] [In figure]							
	Total Amount including GST [CGST+SGST or IGST] [In Words]							

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR “ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS.”



Note :

1. For detailed description bidders to refer the complete tender document including Scope of Work and SCC.
2. Bidders will have to quote for all the SOR line items. Further, bidders are required to submit prices strictly in the Schedule of Rates (SOR) format.
3. Quoted prices shall be inclusive of all taxes & duties except applicable GST

Date:

Name of authorized person submitting the tender on behalf of the Bidder :

Designation of authorized person:

Name of firm / Contractor:

Address of firm / Contractor:

Date:

E-TENDER NO: BCPL/C&P/LE17W056AD/90000399 & 400 FOR "ANNUAL MAINTENANCE CONTRACT FOR ELECTRICAL OPERATION AND MAINTENANCE ACTIVITIES AT BCPL LEPETKATA AND GDU DULIAJAN FOR A PERIOD OF 12 MONTHS."