

Specification No. :

Scope of Supply / Work : Augmentation of PTRs Capacity from 1x31.5+1x50 MVA PTRs to 1x80+1x50 MVA PTRs at 220/132/33 KVSS, Mahabubnagar(Bhoothpur).

Schedule of Material Quantities and Prices (PR No.1200007895)

(All Financial Figures in Rs.)

ERP Item No.	Schd. No.	Material Code	Material Description	HSN Code	Qty.	Unit	Total price/Unit	GST Rate(%)	GST/ Unit	Total Landed Cost /Unit	Total Amount Excl. GST	Total Amount Incl. GST
2		3000002821	FLEXIBLE COPPER JUMPER	74149090	6	NO	276.00	18%	49.68	325.68	1,656.00	1,954.08
3		3000002184	SUPPORT CLAMP FOR TWIN MOOSE	76169910	6	NO	757.10	18%	136.28	893.38	4,542.60	5,360.28
4		8000000029	132KV & 220KV SS CPL STRUCTURE((including Transportation & Loading and Unloading charges))	73082011	0.01	TO	97,710.00	18%	17,587.80	115,297.80	977.10	1,152.98
5		400000037	100X16MM GI FLAT((including Transportation & Loading and Unloading charges))	72111450	693	KG	83.60	18%	15.05	98.65	57,934.80	68,364.45
6		400000038	75X8MM GI FLAT((including Transportation & Loading and Unloading charges))	72111450	259	KG	83.60	18%	15.05	98.65	21,652.40	25,550.35
Total											86,762.90	102,382.14

NOTE: CGST and SGST amounts shall be shown in separate columns in the vendor invoices

Schedule of Service Quantities and Prices (PR No.1200007895)

(All Financial Figures in Rs.)

ERP Item No./ Sub-Item No.	Schd. No.	Service Code	Service Description	HSN Code	Qty.	Unit	Rate/Unit	Per	Total Base Value	GST (%)	Total GST	Total Tax Portion	Total Amount
1			Aug of PTR-1 31.5 MVA to 80 MVA(O&M)										
1 / 1		CS13-13	Connection of equipment to bus and or another equipment with single Zebra/Moose/panther Conductor including measuring, cutting,clamping and Hoisting of suspension insulator assembly to support the Conductor wherever necessary. 220 and 132kV (Connecting of single Moose JumpersHV Bushing to HV CTHV CT to HV BreakerLV Aux BUS to LV LAs) A)Works under SD	995429	9	EA	531.00	1	4,779.00	18%	860.22	860.22	5,639.22
1 / 2		SSE00000	DISCONNECTION OF EQUIPMENT TO BUS AND OR	995429	24	NO	398.25	1	9,558.00	18%	1,720.44	1,720.44	11,278.44



ERP Item No./ Sub-Item No.	Schd No.	Service Code	Service Description	HSN Code	Qty.	Unit	Rate/Unit	Per	Total Base Value	GST (%)	Total GST	Total Tax Portion	Total Amount
		15	ANOTHER EQUIPMENT WITH SINGLE ZEBRA/ MOOSE/ PANTHER CONDUCTOR INCLUDING MEASURING, CUTTING, CLAMPING AND HOISTING OF SUSPENSION INSULATOR ASSEMBLY TO SUPPORT THE CONDUCTOR WHEREVER NECESSARY. (Removal of Single Zebra Jumpers) A)Works under SD										
1 /3		SSE0000582	Dismantling of Insulators, hardware and conductor of 33 kV Auxillary bus comprising of three phases with Twin Moose conductor under shut down (Dismantling of 33 kV Aux BUS having 3 phases single Moose conductor) A)Works under SD	995429	1	EA	5,708.25	1	5,708.25	18%	1,027.49	1,027.49	6,735.74
1 /4		SSE0000007	DISMANTLING OF EQUIPMENT LIKE POWER TRANSFOMER / STATION TRANSFORMER / CT / PT ETC. (Dismantling of 6 Nos 132 kV CTs) A)Works under SD	995429	3	NO	4,185.00	1	12,555.00	18%	2,259.90	2,259.90	14,814.90
1 /5		SSE0000007	DISMANTLING OF EQUIPMENT LIKE POWER TRANSFOMER / STATION TRANSFORMER / CT / PT ETC. (Dismantling of 33 kV LV CTs) A)Works under SD	995429	3	NO	1,292.63	1	3,877.89	18%	698.02	698.02	4,575.91
1 /6		SSE0000007	DISMANTLING OF EQUIPMENT LIKE POWER TRANSFOMER / STATION TRANSFORMER / CT / PT ETC. (Dismantling of 33 kV VCB) A)Works under SD	995429	1	NO	8,280.00	1	8,280.00	18%	1,490.40	1,490.40	9,770.40
1 /7		SSE0000003	DISMANTLING OF 33KV ISOLATORS (Dismantling of 33 kV Isolator set)	996511	1	EA	2,670.75	1	2,670.75	18%	480.74	480.74	3,151.49



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			A)Works under SD										
1 /8		SSE000009	DISMANTLING OF CABLE TERMINATIONS (removal of cable terminations) A)Works under SD	996511	100	NO	43.88	1	4,388.00	18%	789.84	789.84	5,177.84
1 /9		SSE0000416	DISMANTLING OF MS FLAT (Dismantling of earth mat/flat) A)Works under SD	995429	0.2	M	127.15	1	25.43	18%	4.58	4.58	30.01
1 /10		SSE0000416	DISMANTLING OF MS FLAT (removal of 50x8 flat) A)Works under SD	995429	0.1	M	100.15	1	10.02	18%	1.80	1.80	11.82
1 /11		SSE000007	DISMANTLING OF EQUIPMENT LIKE POWER TRANSFORMER / STATION TRANSFORMER / CT / PT ETC. (dismantling of 132 kV LAs) A)Works under SD	995429	3	NO	1,975.50	1	5,926.50	18%	1,066.77	1,066.77	6,993.27
1 /12		CS7-7	Hoisting of Insulators and hardware, stretching the Conductor and stringing of 33 kv bus comprising of three phases with twin Zebra/Moose Conductor to a tension of 900kgs including Fixing of spacer clamps.(the maximum length or up to a length of bus section of 20m). 220 and 132kV (Stringing of LV Aux BUS with Twin Moose conductor) A)Works under SD	995429	1	BUS	12,687.00	1	12,687.00	18%	2,283.66	2,283.66	14,970.66
1 /13		CS31-22.3	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 33 kv Circuit breakers including Pole to Pole cable wiring and terminations. A)Works under SD	995429	1	EA	11,040.00	1	11,040.00	18%	1,987.20	1,987.20	13,027.20
1 /14		CS36-22.8	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at	995429	3	EA	1,723.50	1	5,170.50	18%	930.69	930.69	6,101.19



ERP Item No./ Sub-Item No.	Schd No.	Service Code	Service Description	HSN Code	Qty.	Unit	Rate/Unit	Per	Total Base Value	GST (%)	Total GST	Total Tax Portion	Total Amount
			site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 33 kv Current Tranformers. A)Works under SD										
1 /15		CS51-22.23	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 33 kv Isolators including solid core insulators Erection, alignment in full shape for smooth operation. A)Works under SD	995429	1	EA	3,561.00	1	3,561.00	18%	640.98	640.98	4,201.98
1 /16		CS35-22.7	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 132 kv Current Tranformers. A)Works under SD	995429	3	EA	5,580.00	1	16,740.00	18%	3,013.20	3,013.20	19,753.20
1 /17		CS41-22.13	Erection of the following equipment with Crane / Derrick at site including handling the material / equipment carefully at site including labour charges for all incidental and operational items of work. (excluding cost of transport charges from dept. stores to the site). 132 kv Lightning Arrestors. A)Works under SD	995429	3	EA	2,634.00	1	7,902.00	18%	1,422.36	1,422.36	9,324.36
1 /18		CS24-201	Cable terminations to the switchgear, Marshalling boxes / panel terminal blocks/control and relay Panels, LTAC panel including providng suitable ferrules and lugs as per specification (including cost of ferrules and lugs) (for 220kV and 132kV). 220 and 132kV 1.5/2.5 Sq.mm. Copper with copper lugs each core at both ends..	995429	100	NO	58.50	1	5,850.00	18%	1,053.00	1,053.00	6,903.00



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			(Cable termination to Breaker CTs etc) A)Works under SD										
1 /19		CS21-18	Laying of control cables of all sizes (from 2 core. 1.5/2.5 / 4.0 Sq. mm. to 20 core, 1.5/2.5/4.0sqmm , both copper and alluminium in cable trenches including cost of suitable metallic cable glands with rubber lining. Note: This includes running of cables in control room where cables are run on cable racks in cable duct.	995429	2000	RMT	13.00	1	26,000.00	18%	4,680.00	4,680.00	30,680.00
1 /20		CS14-14	Connection of equipment to bus and or another equipment with Twin Zebra/Moose/panther Conductor including measuring, cutting,clamping and Hoisting of suspension insulator assembly to support the Conductor wherever necessary. 220 and 132kV. A)Works under SD	995429	21	EA	823.50	1	17,293.50	18%	3,112.83	3,112.83	20,406.33
1 /21		CS16-16A	Laying of earth mat including Excavation of trenches, welding, connecting to equipment and connecting lightning shield to earth mat and earthing of fence posts, drilling and connecting earth rods including connecting cast iron pipes as per Drg. No.SET(P)/149/82 with the following sizes of MS Flats / GI Flats.(for 220kV and 132kV) including fabrication. 220 and 132kV 100x16mm MS Flat / GI Flat. A)Works under SD	995429	55	RMT	169.50	1	9,322.50	18%	1,678.05	1,678.05	11,000.55
1 /22		CS18-16C	Laying of earth mat including Excavation of trenches, welding, connecting to equipment and connecting lightning shield to earth mat and earthing of fence posts, drilling and connecting earth rods including connecting cast iron pipes as per Drg. No.SET(P)/149/82 with the following sizes of MS Flats / GI Flats.(for 220kV and 132kV) including fabrication. 220 and 132kV 75x 8mm MS Flat / GI Flat. A)Works under SD	995429	55	RMT	151.50	1	8,332.50	18%	1,499.85	1,499.85	9,832.35



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1 /23		CS86-46	WRITING LETTERS IN CONTROL ROOM PANELS, LETTERING ON PANELS, MARSHALLING BOXES ETC....	995473	10	LIN	110.00	1	1,100.00	18%	198.00	198.00	1,298.00
1 /24		SSE0000550	TRANSPORTATION OF MATERIAL/ EQUIPMENT	996519	2.275	LDK	10,478.70	1	23,839.04	18%	4,291.03	4,291.03	28,130.07
1 /25		SSE0000568	LOADING / UNLOADING OF EQUIPMENT / MATERIAL	996519	1	LS	7,105.18	1	7,105.18	18%	1,278.93	1,278.93	8,384.11
1 /26		LNC0000003	PAINTING OF MAIN STUB BY ENGAGING 1NO. PANTER CLASS-II (Applying of black paint on welded portion (local rates))	995429	20	NO	50.00	1	1,000.00	18%	180.00	180.00	1,180.00
									Total		214,722.06		253,372.04

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Grand Total: 355,754.18

Amount in words : Three Lakh Fifty Five Thousand Seven Hundred Fifty Four Rupees Eighteen Paise



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