

PROCUREMENT PLAN F.Y -2022-23 IN RESPECT OF MANAGER PROCUREMENT PMU MEPCO MULTAN

Tender No.	Description of Material	Unit	own resources (STG+GSO+P.D (Const) &GSC	Deposit Qty	Total Qty	Total Cost	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of award of contract	Tentative date of completion	Remarks (If any)
PMU-02/2022	145KV SF-6 Gas Circuit Breakers with steel supporting structures and all allied accessories as per NTDC Specification (amended upto date)	Set	73	12	85	371,195,000	ICB	27.03.2022	28.07.2022	26.11.2022	
PMU-04/2022	Tower Type ZM-60 along-with Nuts & Bolts and all allied accessories without stubs and cleats	No.	27	11	38	138,700,000	NCB	22.07.2022	20.10.2022	19.03.2023	
	Stubs with Cleats along with Nuts and Bolts and all allied accessories										
	3-Meter Leg. Extension for ZM-60	No.		1	1	577,300					
	Additonal Cross Arm for ZM-60	No.		3	3	2,737,500					
	Landative Type Tower for ZM-60	No.		2	2	1,058,400					
PMU-05/2022	Towers Type ZM-I along-with Nuts & Bolts and all allied accessories without Stubs & Cleats	No	107	139	246	443,820,900	NCB	22.07.2022	20.10.2022	19.03.2023	
	Stubs with Cleats along-with Nuts & Bolts and all allied accessories for ZM-I										
	3-Meter Leg. Extension for ZM-I	No.		8	8	1,858,400					
PMU-06/2022	132KV Steel Tubular Poles						NCB	22.07.2022	20.10.2022	19.03.2023	
	SPA	No.		62	62	139,035,000					
	SPD	No.		22	22	67,045,000					
	SPG	No.		12	12	44,850,000					
PMU-07/2022	Tower Type ZM-30 along-with Nuts & Bolts and all allied accessories without stubs and cleats	No.		7	7	15,834,350	NCB	22.07.2022	20.10.2022	19.03.2023	
	Stubs with Cleats along with Nuts and Bolts and all allied accessories	No.									
	3-Meter Leg. Extension for ZM-30	No.		2	2	839,500					
PMU-08/2022	11 KV Panels						NCB	22.07.2022	20.10.2022	19.03.2023	
	Incoming Panel 25 KA 2500 A	No	22	2	24	72,667,344					
	Outgoing Panel 25 KA 630 A	No	170	12	182	344,298,500					
	Bus Coupler			1	1	2,412,240					
	11KV Capacitor Panels	No	4	2	6	10,466,179					
	Station AC/ DC Panels	No		1	1	1,955,000					
PMU-09/2022	Power Cables						NCB	28.07.2022	26.10.2022	23.02.2023	
	LT Cable 19/0.83	MTR	150	50	200	115,000					
	4 AWG (3/Core)	MTR		675	675	2,431,350					
	500 MCM (S/Core)	MTR	8260		8260	18,751,026					
	1000 MCM (S/Core)	MTR	20105	1210	21315	60,747,750					

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PMU-10/2022	Grid Station Hardware						NCB	28.07.2022	26.10.2022	23.02.2023	
	TMHH connector	No.		36	36	538,200					
	TMLH Connector	No.		21	21	113,022					
	90BH30 Connector / TDMH / Clamp	No	48	6	54	1,863,000					
	90BH40 Connector	No.	97	6	103	3,968,075					
	TM63F Connector	No.		6	6	86,940					
	Connector TDMHH (Holes)	No.	33		33	1,404,150					
	Tension String for 600 mm ² Aluminum Conductor	Set	24	12	36	372,600					
	Single suspension Fitting for 600 mm ²	set	3	3	6	300,000					
	Al. Pipe 63 mm dia 4 M Long	No.		6	6	103,500					
	Earth Wire Tension Assembly with G Clamp	No.		33	33	474,375					
	V-Shackle for Gantries	No.		51	51	234,600					
	D Shackle	No.		14	14	77,280					
	Grounding Connector Type C	No.	11		11	27,500					
PMU-11/2022	Hardware for Rail						NCB	28.07.2022	26.10.2022	23.02.2023	
	Suspension Fitting	No.		288	288	2,026,944					
	Tension Fitting	No.		468	468	6,006,312					
	Stock Bridge Damper	No	1024	1020	2044	7,474,908					
	Mid span Joint	No	25	22	47	214,038					
	Repair Sleeves	No		12	12	16,560					
PMU-12/2022	Hardware for LYNX						NCB	28.07.2022	26.10.2022	23.02.2023	
	Suspension Fitting	No	95	1412	1507	16,637,280					
	Tension Fitting	No		514	514	42,559,200					
	Stock Bridge Damper	No		2619	2619	6,550,119					
	Mid span Joint	No		130	130	672,750					
	Repair Sleeves	No		73	73	94,462					
	P.G Clamps	No		832	832	1,492,608					
PMU-13/2022	Hardware for Earth Wire						NCB	28.07.2022	26.10.2022	23.02.2023	
	Suspension Fitting	No		223	223	923,220					
	Tension Fitting	No		140	140	2,012,500					
	Stock Bridge Damper	No		349	349	662,402					
	Mid span Joint	No		35	35	30,205					

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PMU-14/2022	Transmission Line Hardware						NCB	10.08.2022	09.11.2022	09.03.2023	
	Nut Bolts(1/2" X 3")	No.	1750		1750	110,688					
	Nut Bolts(5/8" X 2")	No.	6970		6970	601,163					
	Nut Bolts (5/8" X 3")	No.	1750		1750	171,063					
	Off Size Braces	No.	2088		2088	3,445,200					
PMU-15-2022	Relays						NCB	10.08.2022	09.11.2022	09.03.2023	
	Digital Over Current Earth Fault Protection Relays with Broken Conductor Feature and Minimum Earth Fault Setting = 0.25A with CT Ratio 400/5	No	582		582	64,020,000					
	D.C Grounding relays	No	4		4	391,000					
	DC Supervision Relays	No	117		117	1,994,031					
	AC / DC Indication Block 110-220V, 8-Window	No	225		225	828,000					
	Distance Relays 110V DC	No.	7		7	3,996,825					
	Vaj relays (self reset) 110V DC	No.	3		3	314,985					
PMU-16/2022	132KV Bus and Line Isolators						NCB	10.08.2022	09.11.2022	09.03.2023	
	Bus Isolators	No.	108	30	138	164,220,000					
	Line Isolators	No.	51	21	72	90,720,000					
PMU-17/2022	11KV Post Insulators						NCB	10.08.2022	09.11.2022	09.03.2023	
	11 KV Post Insulator with clamp	No	90	15	105	3,012,713					
PMU-18/2022	Control Panel						NCB	10.08.2022	09.11.2022	09.03.2023	
	Type CP-30	No.		7	7	5,095,650					
	Type CP-50	No	10	2	12	7,452,000					
	Relay Panel										
	Type RP-3	No	14	7	21	22,966,650					
Type RP-4	No	6	2	8	9,504,336						
PMU-19/2022	132-KV P T	No.	22	3	25	31,602,000	NCB	18.08.2022	16.11.2022	16.03.2023	
	132KV Line CTs 300/600/1200/5A with SS Structure	No	31	21	52	42,966,300					
	132-KV Transformer CT 100/200/5A	No	10	6	16	20,931,840					
PMU-20/2022	Lighting Arrestors						NCB	18.08.2022	16.11.2022	16.03.2023	
	132 KV Lightening Arresters	No	26	6	32	11,040,000					
	11KV Lightening Arresters	No	108	6	114	1,640,454					
	Counter for 132KV Lightening Arrestors	No	120		120	2,590,191					

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PMU-21/2022	40 MVA Power Transformer	No.	2		2	240,000,000	NCB	18.08.2022	16.11.2022	14.07.2023	
	Aux. Transformer 200KVA	No.		1	1	1,519,280					
PMU-22/2022	Control Cables						NCB	18.08.2022	16.11.2022	16.03.2023	
	4 x6.0 mm2	MTR		3950	3950	3,724,850					
	16x 2.5 mm2	MTR		2750	2750	3,632,750					
	8 x 2.5 mm ²	MTR	1957	3460	5417	4,485,276					
	4x 2.5 mm2	MTR		4480	4480	2,526,720					
	35mm2 S/Core	MTR		50	50	38,200					
PMU-23/2022	Indoor Termination Kits.						NCB	18.08.2022	16.11.2022	16.03.2023	
	4 AWG (3/Core)	set		13	13	273,585					
	1000 MCM (S/Core)	Set	220	18	238	2,682,260					
	outdoor Termination Kits.										
	4 AWG (3/Core)	set		13	13	354,315					
	1000 MCM (S/Core)	Set		18	18	293,940					
PMU-24/2022	Conductor						NCB	31.08.2022	29.11.2022	29.03.2023	
	Conductor Rail	MTR	79268	69180	148448	210,350,816					
	Conductor LYNX	MTR		347998	347998	313,198,200					
	Al. Conductor 600mm2	MTR		1350	1350	2,133,000					
	Earth Wire 7/0.116 (9002)	MTR		48416	48416	6,487,744					
	Grounding Conductor 95 mm2	MTR		3250	3250	6,532,500					
PMU-25/2022	METERS						NCB	31.08.2022	29.11.2022	29.03.2023	
	Digital Amp Meters 400/5-A	No.	120		120	510,000					
	Digital Volt Meter for 11000/110V	No.	32		32	136,000					
	Digital Volt Meter for 132000/110V	No.	45		45	191,250					
	Power Factor Meter	No.	115		115	1,432,325					
	Clip on meter AC /DC (0-20A)	No	4		4	993,600					
	Digital Energy Meter for AC/DC Auxiliary Panel	No	21		21	1,074,675					
PMU-26/2022	11KV Capacitors						NCB	31.08.2022	29.11..2022	29.03.2023	
	Fuse Rods with holders for 200KVAR capacitors	No	1280		1280	6,624,000					
	Capacitor Units 200KVAR	No.	742		742	64,668,194					

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PMU-27/2022	Earhting Material						NCB	31.08.2022	29.11.2022	29.03.2023	
	Earth Rod 16mm Dia 3M Long	No.		110	110	500,940					
	Grounding Set	No.		205	205	914,300					
	Earthing Plat form	No.		24	24	736,104					
	Earthing Thimbles 95 mmsq with bolt	No.	310		310	427,800					
	Cartridge Type ' A '	No.	129	470	599	461,530					
	Mould for above	No	29	13	42	394,853					
	Cartridge Type ' B '	No.	600	320	920	835,820					
	Mould for above	No	5	9	14	131,618					
	Cartridge Type ' C '	No		115	115	88,665					
	Mould for above	No	24	6	30	282,038					
PMU-28/2022	Steel Gantries						NCB	13.09.2022	12.12.2022	11.04.2023	
	132KV Beam 12m	No.		10	10	2,530,000					
	Column Low Level			10	10	3,501,070					
	132KV Earth Mast			1	1	191,329					
	11 KV Structure	No	9	2	11	340,032					
PMU-29/2022	Battery & Charger						NCB	13.09.2022	12.12.2022	11.04.2023	
	Battery 110V	Set	7	1	8	7,994,800					
	Battery Charger	Set		1	1	268,536					
PMU-30/2022	Disc Insulators						NCB	13.09.2022	12.12.2022	11.04.2023	
	100 KN Anti Fogg	No.	1682	6672	8354	29,447,850					
	80KN Ani Fogg Type	No.		16792	16792	44,330,880					
	100KN	No.		150	150	357,600					

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PMU-31/2022	132KV Capacitors & Control Equipments						ICB	13.09.2022	12.12.2022	11.04.2023	
	132KV, 36MVAR Capacitor Banks (90x400KVAR), with Neutral CTs, Capacitor Racks, foundation Bolts for capacitor Racks with all allied accessories as per NTDC Specification P-192:94 (amended upto date)	sets	11		11	309,726,494					
	Control Panel (for 132KV Capacitor Banks)	No	11		11	7,188,383					
	Relay Panel (for 132KV Capacitor Banks)	No	11		11	17,282,152					
	132KV Circuit Breaker for 132KV Capacitor Banks with steel supporting structures and all allied accessories as per NTDC Specification (amended upto date)	No	11		11	150,489,350					
	132KV CTs 400/800/1 for 132KV Capacitor Bank	No	15		15	19,875,000					
PMU-32/2022	FIRE FIGHTING EQUIPMENT						NCB	26.09.2022	25.12.2022	24.04.2023	
	FoamType 10-Gallon	No	48		48	1,523,520					
	FoamType 02-Gallon	No	49		49	183,138					
	Shavels	No.	108		108	102,465					
	CO ₂ type 5 or 7 KG	No.	34		34	2,737,000					
PMU-33/2022	11KV INCOMING TROLLEY						NCB	26.09.2022	25.12.2022	24.04.2023	
	Siemens (3AF2346-4Z)	No	6		6	9,763,500					
	Siemens make or equalvent (3AF 2346-6)	No	4		4	6,909,000					
	Hyundai make or equivalent (3AF 2346-4)	No	9		9	17,982,000					
	LS-Susol (40MVA)		8		8	15,984,000					
	LS-Susol (26MVA)		6		6	10,363,500					
	Fico FVIC-1525	No	1		1	1,581,250					
	Sosul make korea	No	1		1	21,000,000					
	VACUUM INTERRUPTERE INCOMING										
	11KV Vacuum Interrupter Siemens (VS 17005)	No	16		16	11,040,000					
	11KV Vacuum Interrupter Hyundai (HVS 10005)	No	1		1	690,000					
	11KV Vacuum Interrupter PEL SOSUL (LV10252)	No	25		25	15,000,000					
	11KV OUT GOING TROLLEY										
	Siemens make or equivalent (3AH-5214-1)	No.	8		8	9,338,000					
	Hyundai make or equivalent (3AH-5214-4)	No.	5		5	5,836,250					
	Siemens (3AF2346-4Z)	No	13		13	15,174,250					
	Hyuandai (3AF2541-4)	No	14		14	19,572,000					
	Susol make korea VL-15H25B06	No	30		30	36,000,000					

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	VACUUM INTERRUPTERE OUTGOING										
	Vacuum Interrupter Hyundai (HVS 10005)		3		3	1,560,000					
	Vacuum Interrupter (SOSUL) VL10252	No	18		18	9,000,000					
	Vacuum Interrupter Siemens (VS 17005)	No	12		12	4,140,000					
	11KV INCOMING C.Ts										
	FICO (1200-2400/5)	No	5		5	265,000					
	PEL (800-1600/5)	No	21		21	987,000					
	PEL (1200-2400/5)	No	17		17	1,020,000					
	11KV INCOMING DIFFERENTIAL C.Ts										
	PEL (800-1600/5)	No	13		13	585,000					
	PEL (1200-2400/5)	No	14		14	840,000					
	FICO (1200-2400/5)		6		6	306,000					
	11KV OUT GOING C.Ts 200-400/5										
	PEL	No	31		31	1,395,000					
	Siemens	No.	7		7	330,050					
	11KV P.Ts										
	PEL (11000/110V)	No	4		4	303,600					
	Misc Items										
	Oil temperature gauge analogue	No.	43		43	6,675,750					
	Winding temperature gauge analogue	No.	43		43	7,876,149					
	SF-6 gas gauge (0-15 bar) for china make C.B	No	5		5	460,000					
	SF6 Gas Cylinder (50-Kg)	No.	10		10	2,500,000					
	Silica jell (Blue)	KG	1350		1350	2,452,950					
	Indication Lamps Red 110V DC for Control Panel CP-50 & CP-30	No	380		380	349,600					
	Indication Lamps Red 110V AC for 11KV Switch Gears	No	450		450	414,000					
	Indication Lamps Green 110V AC for 11KV Switch Gears	No	450		450	414,000					
	Indication Lamps Yellow 110V DC for 11KV Switch Gears	No	450		450	414,000					
	Indication Lamps Blue 110V DC for 11KV Switch Gears	No	430		430	395,600					
	Push Button "ON" for 11KV Switch Gears	No	115		115	72,738					
	Push Button "OFF" for 11KV Switch Gears	No	115		115	72,738					
	MCB 2-pole (DC) 16 Amps	No	90		90	155,250					
	Auxiliary contactor 110 Volt DC (2Nc+2No)	No	9		9	56,925					
	Auxiliary contactor 230 Volt AC (2Nc+2No)	No	14		14	88,550					
	Auxiliary contactor 230 Volt DC (4Nc+4No)	No	36		36	242,100					

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PMU-34/2022	Fresh power transformers oil	Ltr	9500		9500	2,731,250	NCB	26.09.2022	25.12.2022	24.04.2023	
	Hydraulic Press Machine (05-Ton with Dies)	No	2		2	276,000					
	Hydraulic Press Machine (20-Ton with Dies)	No	4		4	1,610,000					
	Hydraulic Press Machine (100-Ton with Dies)	No	2		2	1,368,500					
	Triffer Hoist (6Ton)	No	9		9	362,250					
	Cuffing Hoist (1500Kg)		4		4	194,000					
	Cuffing Hoist (3-Ton)		2		2	97,000					
	Chain Block (6-Ton)	No	3		3	258,750					
	Chain Block (5-Ton)	No	1		1	46,385					
	Re-Chargeable Torch	No.	82		82	150,880					
	Poly Proplene rope 1/2"	Ft	1700		1700	234,600					
	Pipe Wrench 12"	No	21		21	57,960					
	Pipe Wrench 16"	No	21		21	86,940					
	D-Spaner set (MM 6-24MM)	Set	45		45	124,200					
	D-Spanner set (standard)	No	25		25	71,875					
	L-Key Set	No	5		5	6,900					
	Scaff Folding set (3-step)	No	1		1	51,750					
	Binoculler 7.5X50 MM	No	14		14	56,350					
	High voltage detector 02-35 KV	No.	18		18	55,890					
	Welding plant single phase	No	11		11	189,750					
	Nylon rope 1/2"	Ft	3150		3150	793,328					
	Nylon rope 1	Ft	700		700	176,295					
	Steel Rope 3/4"	Ft	600		600	828,000					
	Aluminium Roller 9" size	No	3		3	138,000					
	Aluminium Roller 6" size	No	3		3	120,750					
	Nylon sling (6-ft)	No	14		14	8,680					
	Nylon sling (4-ft)	No	8		8	4,640					
	Steel shiling (4-ft)	No	6		6	67,896					
	Steel shiling (6-ft)	No	6		6	85,284					
	Steel shiling (12-ft)	No	6		6	127,512					
Hooter 230 Volt AC	No.	75		75	474,375						
Pulling grip for DOG	No	2		2	55,200						
Hooter 110 Volt DC	No.	50		50	316,250						

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PMU-35/2022	Testing Equipment						NCB	26.09.2022	25.12.2022	24.04.2023	
	LCM (Test set of Lightening Arrestor)	No	4		4	16,100					
	Breaker Time Analyzer with Graphs (TM-1800)	No	1		1	1,545,600					
	Total Amount					4,059 M					