

## Annual Procurement Plan For Financial Year 2023-24 in respect of Manager (Procurement) PMU MEPCO Multan

Tender No.	Description of Material	Total Estimated Cost (PKR)	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of award of contract	Tentative date of completion	Remarks (If any)
PMU-01/2023-24	145KV SF-6 Gas Circuit Breakers with steel supporting structures and all allied accessories as per NTDC Specification (amended upto date)	202,137,530	ICB	27.07.2023	26.11.2023	25.03.2024	
PMU-02/2023-24	132 KV Bus Isolators	174,716,000	ICB	27.07.2023	26.11.2023	25.03.2024	
	132 KV Line Isolators	69,144,900					
PMU-03/2023-24	132KV Line CTs 300/600/1200/5A with SS Structure	334,925,500	ICB	27.07.2023	26.11.2023	25.03.2024	
	132KV Metering CT with SSS 1200/600/1Amp 15KV/ACCC class 0.2s	73,080,000					
	132KV Metering PT 50Va Acc 0.2, ratio 132000/110V	63,945,000					
	132-KV Transformer CT 100/200/5A	292,320,000					
	132-KV P T	166,260,000					
PMU-04/2023-24	<b>132KV Poles</b>		ICB	27.07.2023	12.11.2023	25.03.2024	
	SPA	259,250,000					
	SPD	160,080,000					
	SPG	81,060,000					
PMU-05/2023-24	132/11.5KV, 31.5/40MVA Power Transformers, Bushings having extended creepage distance along-with HT/LT Terminal Connectors and complete with Auxiliary Panel and other specified accessories as per WAPDA Specification P-46:2008 (Amended Upto date).	2,250,000,000	ICB	27.07.2023	26.11.2023	25.03.2024	
	Aux. Transformer 200 KVA ( Pad Mounted)	14,013,212					
PMU-06/2023-24	<b>11KV Capacitors</b>	0	ICB	27.07.2023	26.11.2023	25.03.2024	
	Post insulators for 11KV capacitor bus bar	1,436,580					
	Fuse Rods with holders for 200KVAR	5,436,050					
	Capacitor Units 200KVAR	282,966,240					
	11KV Capacitor Racks Set	25,461,000					

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PMU-07/2023-24	<b>132KV Capacitors &amp; Control Equipments</b>	0	ICB	27.07.2023	26.11.2023	25.03.2024	
	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)	129,521,988					
	Control Panel (for 132KV Capacitor Banks)	3,006,052					
	Relay Panel (for 132KV Capacitor Banks)	7,227,080					
	132KV Circuit Breaker for 132KV Capacitor Banks with steel supporting structures and all allied accessories as per NTDC Specification (amended upto date)	90,931,912					
PMU-08/2023-24	<b>Conductor</b>	0	NCB	29.07.2023	01.11.2023	29.02.2024	
	Conductor Lynx	497,714,500					
	Conductor Rail	348,976,980					
	Grounding Conductor 95mm <sup>2</sup>	234,950,000					
	Al. Conductor 600mm <sup>2</sup> ((Hawthorn)	30,444,750					
	Earth Wire 7/0.116 (9mm <sup>2</sup> )	5,610,795					
PMU-09/2023-24	132 KV Lightening Arrester	39,334,600	NCB	29.07.2023	13.11.2023	12.03.2024	
	Counter for 132KV Lightening Arrestors	891,825					
	11KV Lightening Arrester	3,972,100					
PMU-10/2023-24	132KV Metering Panel	5,100,000	NCB	29.07.2023	13.11.2023	12.03.2024	
PMU-11/2023-24	<b>132-KV Towers</b>		NCB	29.07.2023	01.11.2023	29.02.2024	
	Tower Type ZM-I	205,735,828					
	3 Mtr. Leg Extension for ZM-I	2,031,208					
	6 Mtr. Leg Extension for ZM-I	2,640,000					

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PMU-12/2023-24	Tower Type ZM-30	28,895,600	NCB	29.07.2023	01.11.2023	29.02.2024	
	3 Mtr. Leg Extension for ZM-30	2,068,500					
	Tower Type ZM-60	122,758,450					
	3 Mtr. Leg Extension for ZM-60	2,818,500					
	Addl. Cross Arm for ZM-60	1,635,000					
	Landative Type Tower 60	38,855,000					
	3-Mtr Leg extension for Landative Tower	890,000					
	<b>220KV Towers</b>	0					
	6-Mtr Leg Extension for EG Type	14,400,000					
PMU-13/2023-24	<b>Control Panel</b>	0	NCB	31.07.2023	01.11.2023	29.02.2024	
	Type CP-30	23,309,675					
	Type CP-50	16,455,368					
	<b>Relay Panel</b>						
	Type RP-3	49,506,465					
	Type RP-4	40,938,700					
PMU-14/2023-24	<b>11 KV Panel</b>	0	NCB	31.07.2023	15.11.2023	14.03.2024	
	Incoming Panel Modified for 40MVA PTF	6,157,386					
	Incoming Panel 25 KA 2500 A for 26MVA	60,468,694					
	Bus Coupler	10,140,326					
	Outgoing Panel 25 KA 630 A	373,028,660					
	11KV Capacitor Panels	31,398,536					
	Station AC/DC Panel.	16,526,650					
PMU-15/2023-24	<b>Power Cables</b>		NCB	31.07.2023	01.11.2023	29.02.2024	
	4 AWG (3/Core)	19,677,680					
	500 MCM ( S/Core)	127,094,000					
	1000 MCM ( S/Core)	143,360,000					
	LT Cable 19/0.83	1,760,000					

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PMU-16/2023-24	<b>Control Cables</b>		NCB	31.07.2023	01.11.2023	29.02.2024	
	4 x 6.0 mm <sup>2</sup>	78,595,000					
	16 x 2.5 mm <sup>2</sup>	58,353,800					
	8 x 2.5 mm <sup>2</sup>	63,297,000					
	4 x 2.5 mm <sup>2</sup>	48,145,500					
	Control Cable 35 mm <sup>2</sup>	280,000					
PMU-17/2023-24	<b>Indoor Termination Kits.</b>		NCB	31.07.2023	15.11.2023	14.03.2024	
	4 AWG (3/Core)	583,050					
	500 MCM ( S/Core)	1,487,525					
	1000 MCM ( S/Core)	9,530,625					
	<b>Outdoor Termination Kits.</b>						
	4 AWG (3/Core)	687,700					
	500 MCM ( S/Core)	338,100					
	1000 MCM ( S/Core)	897,000					
PMU-18/2023-24	<b>Relays</b>		NCB	03.08.2023	20.11.2023	19.03.2024	
	D.C Grounding relays	130,180					
	DC Supervision Relays	3,447,930					
	AC / DC Indication Block 110-220V, 8-Window	2,328,750					
	Distance Relays 110V DC, 8-Window	26,206,200					
	Vaj relays (self reset) 110V DC	262,890					
PMU-19/2023-24	<b>Steel Gantries</b>		NCB	03.08.2023	20.11.2023	19.03.2024	
	132 KV Beam 12m	4,733,400					
	Column Low Level	24,945,800					
	132-KV Earth Mast	1,886,000					
	11 KV Structure	2,009,625					
	Earthing Platform	1,442,100					
V-Shakle for Gantries	386,400						

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PMU-20/2023-24	<b>Battery &amp; Charger</b>		NCB	03.08.2023	20.11.2023	19.03.2024	
	Battery 110V	12,991,550					
	Battery Charger	2,416,820					
PMU-21/2023-24	<b>Earthing Material</b>	0	NCB	03.08.2023	20.11.2023	19.03.2024	
	Earthing Thimbles 95 mmsq with bolt	476,100					
	Earth Rod 16mm Dia 3M Long	4,784,000					
	Grounding Set	471,500					
	Cartridge Type ' A '	4,098,300					
	Mould for above	1,581,250					
	Cartridge Type ' B '	3,377,700					
	Mould for above	1,179,900					
	Cartridge Type ' C '	2,015,559					
	Mould for above	1,040,175					
PMU-22/2023-24	<b>Disc Insulators</b>	0	NCB	03.08.2023	20.11.2023	19.03.2024	
	100 KN Anti Fogg	16,447,078					
PMU-23/2023-24	<b>Grid Station Hardware</b>	0	NCB	07.08.2023	22.11.2023	21.03.2024	
	TMHH Connector	872,275					
	TMLH Connector	456,435					
	TM 63F Connector	186,000					
	TM 75A	132,000					
	Bus Bar Support Connector BPS 63	136,000					
	Bus Bar Support Connector BPS 75	140,000					
	90BH30 Connector	3,086,715					
	90BH40 Connector	4,054,900					
	Connector TDMHH (03-Holes)	5,299,200					
	Spacers SH-400	911,950					
	Tension String for 600 mm <sup>2</sup> Aluminum Conductor	1,345,500					
	Al. Pipe 75 mm dia 4M long	375,000					
	Earth Wire Tension Assembly with G Clamps	807,300					
	Double Suspension Fitting with Clamp 600mm <sup>2</sup>	1,203,475					
	single suspension Fitting for 600 mm <sup>2</sup>	450,000					

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	Double Tension Stringing Assembly for 600mm <sup>2</sup>	862,500					
	Grounding Connector Type A	82,800					
	Grounding Connector Type B	82,800					
	Grounding Connector Type C	82,800					
PMU-24/2023-24	<b>Hardware Material for Rail Cond.</b>	0	NCB	07.08.2023	22.11.2023	21.03.2024	
	Repair Sleeves	182,965					
	Suspension Fitting	3,042,900					
	Tension Fitting	8,694,000					
	Stock Bridge Damper	4,410,480					
	Mid span Joint	496,800					
PMU-25/2023-24	<b>Hardware Material for Lynx Cond.</b>	0	NCB	07.08.2023	22.11.2023	21.03.2024	
	Suspension Fitting	10,068,250					
	Tension Fitting	9,543,850					
	Repair Sleeves	22,770					
	Mid span Joint	556,370					
	Stock Bridge Damper Weight	5,916,750					
	D-Shackle 5/8"	112,125					
	P.G clamps 3-Bolt (Lynx)	438,840					
PMU-26/2023-24	<b>Hardware Material for E/Wire</b>	0	NCB	07.08.2023	22.11.2023	21.03.2024	
	Suspension Fitting	171,465					
	Tension Fitting	1,251,200					
	Stock Bridege Damper	557,865					
	Mid span Joint (Earth wire)	19,320					
PMU-27/2023-24	<b>Transformer Breather Jar</b>	0	NCB	10.08.2023	27.11.2023	26.03.2024	
	PEL or Equivalent	783,750					
	Siemens or equivalent	783,750					
	HEC or equivalent	498,750					
	Chint or equivalent	641,250					
	Iran Tranfo or equivalent	498,750					

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PMU-28/2023-24	<b>11KV INCOMING TROLLEY</b>	0	NCB	10.08.2023	27.11.2023	26.03.2024	
	Siemens make ( 3Ah 5214-6) or Equivalent	3,300,600					
	Siemens (3AF2346-4Z) or Equivalent	8,136,250					
	Siemens make (3AH 5214-6) or equalvent	6,909,000					
	Hyundai Make or Equivalent	12,120,000					
	Hyundai make (3AF 2346-4) or Equivalent	1,998,000					
	LS-Susol (40MVA) or equivalent	3,705,300					
	LS-Susol (26MVA) or equivalent	11,115,900					
	Fico FVIC-1525 make or equivalent	1,581,250					
	Sosul (make korea) Type WPV-25-1 or equivalent	42,000,000					
	<b>VACUUM INTERRUPTERE INCOMING</b>	0					
	11KV Vacuum Interrupter Siemens (VS 17005) or equivalent	8,280,000					
	11KV Vacuum Interrupter Hyundai (HVS 10005) or equivalent	4,830,000					
	11KV Vacuum Interrupter PEL SOSUL (LV10252) or equivalent	11,730,000					
	<b>11KV OUT GOING TROLLEY</b>	0					
	Siemens make (3AH-5214-1) or equalvent	5,836,250					
	Hyundai make (3AF-2341-4) or equalvent	2,334,500					
	Siemens (3AF2346-4Z) or equivalent	9,338,000					
	Hyuandai (3AF2541-4) or equivalent	13,980,000					
	Susol make korea VL-15H25B06 or equivalent	14,852,250					
	<b>VACUUM INTERRUPTERE OUTGOING</b>	0					
	Vacuum Interrupter Hyundai (HVS 10005) or equivalent	3,120,000					
	Vacuum Interrupter Siemens (VS 17005) or equivalent	6,210,000					
	<b>11KV INCOMING C.Ts</b>	0					
	FICO (800-1600/5) or equivalent	426,650					
	FICO (1200-2400/5) or equivalent	1,666,350					
	PEL (1200-2400/5) or equivalent	506,000					
	<b>11KV INCOMING DIFFERENTIAL C.Ts</b>	0					
	PEL Make (800-1600/5) or equivalent	276,000					
	PEL Make (1200-2400/5) or equivalent	460,000					
FICO Make (800-1600/5) or equivalent	2,132,100						
FICO Make (1200-2400/5) or equivalent	255,000						
11KV Neutral C.Ts	885,500						

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	<b>11KV OUT GOING C.Ts 200-400/5</b>	0					
	FICO Make or equivalent	1,634,000					
	<b>11KV P.Ts</b>	0					
	FICO Make (11000/110V) or equivalent	110,400					
	PEL Make (11000/110V) or equivalent	227,700					
PMU-29/2023-24	<b>METERS</b>	0	NCB	10.08.2023	27.11.2023	26.03.2024	
	3 Phase 4-wire KWH meters (5Amp) cl. 0.5	4,508,460					
	Digital Volt Meter for 11000/110V	268,014					
PMU-30/2023-24	<b>Post Insulators</b>	0	NCB	14.08.2023	29.11.2023	28.03.2024	
	11 KV Post Insulator with clamp	1,197,150					
	132KV Post Insulators with Structure	613,065					
PMU-31/2023-24	<b>Testing Equipment</b>	0	NCB	14.08.2023	29.11.2023	28.03.2024	
	Thermovision / Infrared Gun	2,220,000					
	Megger 5KV Digital Set having rechargeable Battery or equivalent	800,000					
	DC Hipot Test Set 80-KV	3,494,400					
	C&DF Test set Digital (12-KV)	2,127,500					
	Primary Injection test Set 1000A single unit	2,475,000					
	<b>Misc Items</b>	0					
	Oil temperature gauge analogue	3,835,250					
	Winding temperature gauge analogue	4,542,500					
	SF-6 gas gauge (0-15 bar) for china make C.B	1,696,250					
	SF6 Gas Cylinder (50-Kg)	1,725,000					
	Silica jell (Blue)	2,622,000					



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PMU-32/2023-24	Auxiliary contactor 230 Volt DC (4Nc+4No)	103,500	NCB	14.08.2023	29.11.2023	28.03.2024	
	Fresh power transformers oil	147,510,000					
	Contact Cleanor (For Cleaning of Isolatore)	3,600					
	Contact Greas	40,000					
	Smi Conductor Remover for Power Cables	1,250,000					
	Hydraulic Press Machine (20-Ton with Dies)	258,750					
	Hydraulic Press Machine (100-Ton with Dies)	2,932,500					
	Hydraulic Cutter for 132KV Conductor	1,500,000					
	Chain Block (5-Ton)	160,000					
	Universal Wench Machine (10 Ton)	357,000					
	Torque Wrench Set	572,000					
	Fiber Glass Ladder 16 feet	137,500					
	Pipe Wrench 24"	15,600					
	D-Spaner set (MM 6-24MM)	16,560					
	D-Spanner set ( standard)	14,375					
	L-Key Set	6,900					
	Binoculler 7.5X50 MM for 1232KV G/S & T/ Line	10,062,000					
	High voltage detector 02-35 KV	696,000					
	High voltage detector for 132KV	1,235,000					
	Welding plant single phase	34,500					
	Aluminium Roller 9" size	276,000					
	Aluminium Roller 6" size	241,500					
	Earthing Set (132KV) / PTG's	5,086,542					
Earthing Set (11KV) / PTG's	4,760,000						

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	Step Bolt	6,000,000					
	Barbed Wire	2,500,000					
	Pulling grip for Rail	948,750					
	Pulling grip for LYNX	155,250					
PMU-33/2023-24	<b>FIRE FIGHTING EQUIPMENT</b>	0	NCB	14.08.2023	29.11.2023	28.03.2024	
	Foam Type 10-Gallon	1,967,880					
	Foam Type 02-Gallon	246,675					
	DCP 50 KG	1,381,650					
	CO2 type 20x20=40KG	3,505,200					
	Fire Buckets	545,100					
	Sand container	380,363					
	Shavels	30,360					
	AB Powder for Fire Fighting equipment	10,305,000					
	Stand for Buckets	1,182,430					
	CO <sub>2</sub> type 5 or 7 KG	4,508,000					