

Lampiran Pengumuman	2125.2.Peng/SCM/PLN-NPS/2025
Tanggal	04 Agustus 2025

BILL OF QUANTITY (BOQ)
VO 2025 - Pengadaan Material Consumable 2025 PLTU Ampana

No	ITEM BARANG/JASA	Jumlah	Satuan
1.	ANTISEIZE COMPOUND, SOLID LUBRICANT PASTE, 1000 ML/CAN	1	CAN
2.	BRUSH, PAINT, 2 IN, HANDLE WOOD	25	Ea
3.	BRUSH, WIRE, SCRATCH, 13 IN, HANDLE WOOD	5	Ea
4.	CLEANER, CONTACT, ELECTRIC, SPRAY, 350 G/CAN, FLAMMABLE	7	CAN
5.	GLOVES, PURPOSE, GENERAL, COTTON, DOTH, SHORT, 12 PAIR/PACK	900	PAIR
6.	MASK, AIR FILTERING, 3 PLY, COTTON, 50 EA/BOX	2500	Ea
7.	RAG, WIPING, COLOUR, COTTON	100	Kg
8.	SEALING COMPOUND, RED SILICON, -54 DEG C - 343 DEG C, 85 G/EA	15	Ea
9.	TAPE, INSULATION, ELECTRICAL, 0.75 IN X 66 FT, RUBBER, BLACK, VINYL SUPER ELECTRICAL	5	Ea
10.	TAPE, SEAL, 12 X 0.0075 X 10000 MM, PTFE	10	Ea
11.	BEARING, BALL, DEEP GROOVE, 12 X 32 X 10 MM	4	Ea
12.	BEARING, BALL, DEEP GROOVE, 25 X 52 X 15 MM	4	Ea
13.	BEARING, BALL, DEEP GROOVE, 25 X 62 X 17 MM	4	Ea
14.	BEARING, BALL, DEEP GROOVE, 30 X 62 X 16 MM	4	Ea
15.	BEARING, BALL, DEEP GROOVE, 35 X 80 X 21 MM	4	Ea
16.	BEARING, BALL, DEEP GROOVE, 40 X 80 X 18 MM, CLEARANCE	4	Ea
17.	BEARING, BALL, DEEP GROOVE, 70 X 150 X 35 MM	4	Ea
18.	BEARING, BALL, DEEP GROOVE, 85 X 180 X 41 MM	4	Ea
19.	ADHESIVE, IRON, 22 ML/EA, BEARING SURFACE	6	Ea
20.	VALVE, SOLENOID, COIL, AC187V ~ 253V, AC220 ~ 6.0 VA, -100%ED, -IP 65	12	Ea
21.	PAINT, FINISHING, CORROSION INHIBITING, GOLDEN YELLOW, 1 L, 466	7	CAN
22.	PAINT, FINISHING, CORROSION INHIBITING, SEA BLUE, 1 L, 752	7	CAN
23.	O-RING, O-RING, 2 MM, VITON	5	Meter
24.	O-RING, 3 MM, VITON	5	Meter
25.	NIPPLE, PIPE OR TUBE, 8 MM, R 1/2", XPC08-04	20	Ea
26.	ELECTRODE, WELDING, AWS A5.4 E308-16, 1.6-2.0 MM X 250-250 MM, STAINLESS STEEL	10	Kg
27.	LAMP, FLUORESCENT, TL, 16 W, 220 - 240 V	40	Ea
28.	ELBOW, PIPE, 3/4 INCH, PVC	10	Ea
29.	ELECTRODE, WELDING, LB-52, 2,6 MM, STAINLESS STEEL	7	Kg
30.	ELECTRODE, WELDING, LB-52, 3,2 MM, STAINLESS STEEL	5	Kg
31.	BEARING, BALL, CYLINDRICAL BEARING, 40 x 90 x 33 mm	4	Ea
32.	ELECTRODE, WELDING, C1-A2, 3,2 X 300 MM, CAST IRON	20	Ea
33.	BELT, V, RUBBER, WIDTH 15,5 MM, B, 79	6	Ea
34.	WHEEL, ABRASIVE, CUTTING, 4 IN, 105 X 1,5 X 16 MM	200	Ea
35.	BEARING, BALL, DEEP GROOVE, 20 X 47 X 17 MM	15	Ea
36.	NIPPLE, PIPE OR TUBE, T, 8 MM, XPE8	50	Ea
37.	NIPPLE, PIPE OR TUBE, 8 MM X 1/2, XPL8-04	50	Ea
38.	ADHESIVE, RESIN EPOXY, 1 KG, 1 SET (RESINE AND HARDENER)	10	Set
39.	BEARING, BALL, CYLINDRICAL BEARING, 40 x 90 x 23 mm	4	Ea
40.	BEARING, BALL, DEEP GROOVE, 45 X 100 X 25 MM	4	Ea
41.	BEARING, BALL, DEEP GROOVE, 55 X 120 X 29 MM	4	Ea
42.	BEARING, BALL, TAPERED BEARING, 70 x 110 x 25 mm	4	Ea
43.	BEARING, BALL, DEEP GROOVE, 15 X 35 X 11 MM	4	Ea
44.	BEARING, BALL, DEEP GROOVE, 30 X 72 X 19 MM	4	Ea
45.	MAT, REINFORCING, GLASS, FIBER, E-GLASS, WIDTH ±5 MM, STICH BONDING MAT	15	Kg

46.	BEARING, ROLLER, 40 X 80 X 24.75 MM, TAPERED BEARING	4	Ea
47.	BEARING, BALL, SPHERICAL ROLLER BEARING, 60X110X28	4	Ea
48.	BRUSH,PAINT,ROLLER, REFILL, 4 INCH	15	Ea
49.	NIPPLE, HOSE, PIPE OR TUBE, M 12, STAINLESS 304, STRAIGHT	15	Ea
50.	NIPPLE, HOSE, PIPE OR TUBE, M 14, BRASS, STRAIGHT	15	Ea
51.	BEARING, BALL, DEEP GROOVE, 80 X 170 X 39 MM	4	Ea
52.	PACKING MATERIAL, GASKET, ID : 1400 MM, OD : 1480 MM, NBR, 10 MM	1	Ea
53.	BEARING, BALL, TAPERED BEARING, 45 X 100 X 27,25 MM	4	Ea
54.	GASKET,SPIRAL, CGI, 3/4 INCH, SS 316, DN 20, 4,5 MM, CLASS 600 #	8	Ea
55.	GASKET,SPIRAL, CGI, OD RING MM254, SS 316, ID RING 124,5 MM, 4,5 MM, CLASS 1500 #	8	Ea
56.	GASKET,SPIRAL, CGI, 1 1/2 INCH, SS 316, DN 40, 4,5 MM, CLASS 1500 #	8	Ea
57.	GASKET,SPIRAL, CGI, 4 INCH, SS 316, DN 100, 4,5 MM, CLASS 600 #	8	Ea
58.	GASKET,SPIRAL, CGI, 1 INCH, SS 316, DN 25, 4,5 MM, CLASS 600 #	8	Ea
59.	GASKET,SPIRAL, CGI, 10 INCH, SS 316, NB 250, 4,5 MM, CLASS 600 #	6	Ea
60.	CLAMP, HOSE, 2 1/2 IN, STAINLESS STEEL	20	Ea
61.	CLAMP, HOSE, 3/4 IN, STAINLESS STEEL	20	Ea
62.	CLAMP, HOSE, 5 IN, STAINLESS STEEL	20	Ea
63.	BOLT, HEX HEAD, D : 8 MM X P : 112 MM, STAINLESS	25	Ea
64.	BOLT, HEX HEAD, D : 12 MM X P : 112 MM, STAINLESS	25	Ea
65.	BOLT, HEX HEAD, D : 14 MM X P : 112 MM, STAINLESS	25	Ea
66.	BOLT, HEX HEAD, D : 10 MM X P : 112 MM, STAINLESS	25	Ea
67.	BOLT, HEX HEAD, FULL THREED, D : 16 MM X P : 112 MM, STAINLESS	25	Ea
68.	CABLE, POWER, ELECTRICAL, NYY, 4 X 2,5 MM	20	Meter
69.	BELT, V, RUBBER, A 64	6	Ea
70.	CONTACTOR,MAGNETIC, 10A - 600V, CONTACT BLOCK, NO-2NC	15	Ea
71.	NIPPLE, PIPE OR TUBE, 8 MM, R 16 MM, XPC08-04	25	Ea
72.	NIPPLE, PIPE OR TUBE, 8 MM X 16 MM, XPL8-04	25	Ea
73.	BOLT, HEX HEAD, D : 12 MM X P : 60 MM, 1,75 MM, STAINLESS 304, INCLUDE RING 2 EA, LOCK WASHER 1 EA	25	Ea
74.	BOLT, HEX HEAD, D : 5 MM X P : 10 MM, 0,8 MM, CARBON STEEL	25	Ea
75.	BOLT, HEX HEAD, D : 8 MM X P : 15 MM, 1,25 MM, CARBON STEEL	25	Ea
76.	BOLT, HEX HEAD, D : 14 MM X P : 50 MM, 1,25 MM, CARBON STEEL, RING, MUR	25	Ea
77.	BOLT, HEX HEAD, D : 10 MM X P : 40 MM, CARBON STEEL, RING, MUR	20	Ea
78.	GASKET,SPIRAL, WOUND, ID 38 MM X OD 71 MM, BASIC	10	Ea
79.	GASKET,SPIRAL, WOUND, ID 45 MM X OD 86 MM, BASIC	10	Ea
80.	GASKET,SPIRAL, WOUND, ID 70 MM X OD 107 MM, BASIC	10	Ea
81.	RELAY, TIMER, AC-12, 230 VAC / 240 VAC, 5 A, 50/60Hz, IEC 60947-5-1	12	Ea
82.	GASKET,SPIRAL, WOUND, ID 80 MM x OD 130 MM, BASIC, THICKNESS 4.8 MM	10	Ea
83.	GASKET,SPIRAL, WOUND, ID 25 MM x OD 50 MM, BASIC, THICKNESS 4.8 MM	10	Ea
84.	BOLT,SELF-LOCKING, POLY-LOK, CARBON STEEL, M10 X 40 MM	20	Ea
85.	GASKET,SPIRAL, WOUND, ID 31 MM X OD 46 MM, BASIC	15	Ea
86.	PAINT, SPECIAL, COATING, GREEN, 5 LITER, TENNOKOTE TNK-1000 WA	8	CAN
87.	PAINT, FINISHING, CORROSION INHIBITING, GREEN, PRIM TOP	8	CAN
88.	PAINT, FINISHING, CORROSION INHIBITING, BLUE, PRIM TOP	7	CAN
89.	THINNER, 20 LITER / PAIL, 27 °C, BASIC	1	PAIL
90.	PAINT, FINISHING, CORROSION INHIBITING, OCEAN BLUE, 1 L, 733	7	CAN
91.	PAINT, FINISHING, CORROSION INHIBITING, DARK GREY	5	CAN
92.	PAINT, FINISHING, CORROSION INHIBITING, AQUARINE	7	CAN
93.	BEARING, CYLINDRICAL, 30 X 62 X 16 MM, SINGLE ROW CYLINDRICAL ROLLER	6	Ea
94.	BEARING, CYLINDRICAL, 35 X 80 X 21 MM, SINGLE ROW CYLINDRICAL ROLLER	6	Ea
95.	BEARING, BALL, DEEP GROOVE, 65 X140 X 33 MM	6	Ea
96.	NUT,LOCK, ID 37,5 MM X OD 57,5 MM, SS 304, 1,5 MM	8	Ea
97.	BEARING, BALL, DEEP GROOVE, 65 X140 X 33 MM, WITH SNAP RING	4	Ea

98.	BEARING, ROLLER, CYLINDRICAL, 30 X 62 X 20 MM	4	Ea
99.	PAINT, FINISHING, CORROSION INHIBITING, LITTLE TREE, 1 L, G25-004	7	CAN
100.	PAINT, FINISHING, CORROSION INHIBITING, LAUREL, 1 L, 657	7	CAN
101.	ELBOW, PIPE, 0,5 INCH, PVC	20	Ea
102.	GASKET, SPIRAL, CGI, 60 X 65 X 90 X 105, SS 304, FILLER GRAPHIT, 4,5 MM	10	Ea
103.	CONNECTOR, PIPE OR TUBE, VLOK RING, MALE 3/4" NPT. FEMALE 1/2" NPT, CARBON STEEL, 3000	10	Ea
104.	HOSE, NONMETALLIC, SPRING, 1 IN	20	Meter
105.	BEARING, BALL, DEEP GROOVE, 80 X 140 X 26, WITH SNAP RING	4	Ea
106.	BEARING, BALL, DEEP GROOVE, 90 X 160 X 30, WITH SNAP RING	4	Ea
107.	SEAL, SHAFT OR ROTOR, OIL, RUBBER VITON, 12 MM, TC, OD 120 MM, ID 95 MM	4	Ea
108.	SWITCH, LIMIT, 250 VAC, AC 15 - DC 13, 6A, EN60947	2	Ea
109.	BASE, RELAY, ELECTRICAL, 4 C/O, 24 V DC, 14 PIN, 6 AMPERE, RXM	5	Ea
110.	SOCKET, COMPONENT, ELECTRONIC, PLUG- IN, RELAY, REXL2, REXL4, RXM2, RXM4, SCHNEIDER RXZE2M114	5	Ea
111.	GASKET, SPIRAL, RIR, 2 INCH, 316 L, DN 50, CLASS #900, 3,2 MM	10	Ea
112.	GASKET, SPIRAL, WOUND, ID 20 MM x OD 50 MM, BASIC, THICKNESS 45 MM, CLASS #600	10	Ea
113.	GASKET, SPIRAL, WOUND, ID 27 MM x OD 66 MM, BASIC, THICKNESS 4.8 MM	10	Ea
114.	BASE, LAMP HOLDER, E 26/E 27, CERAMIC, BROCO	10	Ea
115.	VALVE, BALL, DRAT DALAM, 1/4 INCH, 1 PC, SS 316	10	Ea
116.	BASE, LAMP HOLDER, E 40, CERAMIC	10	Ea
117.	LAMP, LED, SPOTLIGHTS, AC 220 V, 400 WATT, 6500 LM, IP 66	6	Ea
118.	RELAY, TIMER, AC1, B1PA, 250V AC, 10 A, AC 15, 250V, AC 6A, DC1 25V, DC 10 A	2	Ea
119.	CONTACTOR, MAGNETIC, 220 VAC, 80 A, 3 PHASE, 1 NO 1 NC	2	Ea
120.	CONTACTOR, MAGNETIC, 400 WATT, 63 A, 3 PHASE	3	Ea
121.	BOLT, HEX HEAD, D : 22 MM X P : 112 MM, STAINLESS	15	Ea
122.	BOLT, ANCHOR, M14 X 120 MM, SS 304	15	Ea
123.	ADHESIVE, AIS B010, 900 DEG C, 250 BAR, 450 BAR, 550 BAR, STEAM & GAS TURBINES	1	CAN
124.	ELECTRODE, WELDING, RB-26, 2,6 MM, STAINLESS STEEL	7	Kg
125.	ELECTRODE, WELDING, CIN -3, 3.2 MM, CAST IRON, 5 KG/SET	10	Kg
126.	BEARING, BALL, DEEP GROOVE, 30 X 90 X 23	4	Ea
127.	HOSE, PURPOSE, GENERAL, 4 IN, SPIRAL, PVC	20	Meter
128.	SEAL, SHAFT OR ROTOR, OIL, 40 X 65 X 12, NBR, TC	6	Ea
129.	SWITCH, TOGGLE, 216, 1 - 3 A, 125 - 250 V, 4 PIN	6	Ea
130.	ADHESIVE, SILICONE, LIQUID GASKET, 250 G/EA, -60°C + 250°C, RTV-SILICONE, TB 1212	12	Ea
131.	HOSE, PRESSURE, HIGH, 4 IN, 30 M/ROLL, RUBBER	30	Meter
132.	FILTER ELEMENT, AH, GLASS FIBER, AIR, 60 DEG C, 0,0001 MICRON, 0,01 MG/M3	1	Ea
133.	FILTER, OIL, SPIN ON SEPARATOR, 561110	1	Ea
134.	FILTER, OIL, SPIN ON SEPARATOR, 561018	1	Ea
135.	FILTER, OIL, SCREW, FOR AIR COMPRESSORS, 56330	1	Ea
136.	FILTER, OIL, FOR AIR COMPRESSORS, SCREW, 56220	1	Ea
137.	O-RING, 5 MM, VITON	5	Meter
138.	BOLT, HEX HEAD, M16 X 75 MM, 2,5 MM, CARBON STEEL, MUR	20	Ea
139.	BOLT, HEX HEAD, M14 X 50 MM, 1,5 MM, CARBON STEEL, MUR	20	Ea
140.	PLATE, 1200 MM X 500 MM X 5 MM, SS 316	1	SHEET
141.	BOLT, HEX HEAD, D : 20 MM X P : 120 MM, CARBON, INCLUDE MUR, DOBLE RING	25	Ea
142.	BOLT, HEX HEAD, D : 12 MM X P : 100 MM, 1/2 MM, CARBON, INCLUDE DOBLE RING, MUR	25	Ea
143.	VALVE, STEAM, POPPET, DN 25	3	Ea
144.	PACKING MATERIAL, LINE INNER SHAFT SEALING, 120 MM X 118 MM, COPPER, 3 MM	1	SHEET
145.	O-RING, OD 56 MM X ID 41 MM, COPPER, 3 MM	3	Ea
146.	PLATE, PLATE, 300 MM X 300 MM X 2 MM, SS 316	1	SHEET
147.	CONTACTOR, MAGNETIC, 110 VAC 50/60 Hz, LC1D12F7,, LC1D12F7-3P(3 NO)-AC-3-<=440 V 12A-110 V AC COIL	2	Ea

148.	CONTACTOR,MAGNETIC, 220VAC, AC380V, 3TF4922-0XQ0, DISCONTINUE, 3RT5046-1AP00+3RH5921-1FA22, SIEMENS 3TF49	2	Ea
149.	CONTACTOR,MAGNETIC, 220 VAC, 80 A, 3 PHASE, 1 NO 1 NC	1	Ea
150.	CONTACTOR,MAGNETIC, 400 VAC, 100 A, 3 PHASE, LCF1F185	1	Ea
151.	CLEANER, CONTACT, ELECTRIC, SPRAY, 350 G/CAN, NON-FLAMMABLE	5	Ea
152.	ADHESIVE, POWER GLUE, G-8, 12 ML, CYANOACRYLATE, ETIL	10	Ea
153.	WIRE,WELDING, ROD, SINGLE SIDE, 1 M, PVC, 3 MM	50	Ea
154.	FILTER ELEMENT, OD 250 MM, ID 180 MM, W 110 MM, EMBOSED PAPER, AIR	2	Ea
155.	BEARING, CYLINDRICAL, 50 X 90 X 23 MM, SINGLE ROW CYLINDRICAL ROLLER	2	Ea
156.	BEARING, BALL, CYLINDRICAL BEARING, 22 X 52 X 18 MM	2	Ea
157.	BEARING, CYLINDRICAL, 35 X 80 X 21 MM, SINGLE ROW CYLINDRICAL ROLLER	2	Ea
158.	BEARING, BALL, DEEP GROOVE, 30 X 62 X 16 MM	4	Ea
159.	BEARING, BALL, DEEP GROOVE, 35 X 80 X 21 MM	4	Ea
160.	WASHER,SEAL, -90 - 260 DEG C, 3 MPa, DOUBLE LIP, 80 X 62 X 50 MM, STEEL & PTFE, Media: Heat transfer Fluids (oils), Air, Water, Powder, Gas, 8 MM	3	Ea
161.	BEARING, ROLLER, SPHERICAL, 40X90X33 MM, 22308 E	2	Ea
162.	WHEEL, ABRASIVE, CUTTING, 14 IN, 355 X 3 X 25 MM, MAX SPEED 72 M/S	5	Ea
163.	PACKING, GLAND, CLOTH TAPE, 2 IN, ASBESTOS	6	ROLL
164.	BEARING, BALL, INSERT BEARING WITH SET SCREW LOCKING AND EXTENDED INNER RING, 35X72X42.9-42.9X19 MM, 25.5 KN, 15.3 KN, 5300 R/MIN	4	Ea
165.	HOSE, NONMETALLIC, FLEXIBLE, 6 X 4 MM, 10 BAR, NYLON POLYURETHANE	25	Meter
166.	HOSE, NONMETALLIC, FLEXIBLE, 8 X 5 MM, NYLON POLYURETHANE	25	Meter
167.	CONNECTOR,PIPE OR TUBE, WATER MUR, 1.5 IN, PVC	12	Ea
168.	VALVE, BALL, DOUBLE DRAT - WATERMUR, DN 15, PVC	12	Ea
169.	VALVE, CHECK, 3 IN, SHOCK, PVC, DOUBLE UNION, BALL	4	Ea
170.	CONNECTOR,PIPE OR TUBE, WATER MUR, 2 IN	10	Ea
171.	CONNECTOR,PIPE OR TUBE, WATER MUR, 1 IN	10	Ea
172.	VALVE, BALL, DOUBLE DRAT - WATERMUR, DN 32, PVC	10	Ea
173.	CONNECTOR,PIPE OR TUBE, WATER MUR, 3/4 IN, PVC	10	Ea
174.	TEE, PIPE OR TUBE, SHOCK, 1 1/4 IN X 3/4 IN, PVC	10	Ea
175.	ELBOW, PIPE, DIN 90 MMM - 3", 90 DEG, PN 16, UPVC, SOCK WELD	6	Ea
176.	TAPE, INSULATION, ELECTRICAL, 0.75 IN X 30 FT, RUBBER, SPLICING TAPE	4	Ea
177.	LAMP, LED, 80 WATT, E40 865, 9000 LM	25	Ea