

Lampiran Pengumuman	2181.9.Peng/SCM/PLN-NPS/2025
Tanggal	03 September 2025

BILL OF QUANTITY (BOQ)

Pengadaan Kontrak Payung Bahan Kimia PLTU Tembilahan Periode 01 Oktober 2025 - 30 September 2026

No	ITEM BARANG/JASA	Jumlah	Satuan
1.	CHEMICAL, COAGULANT, N3276, 30% AS ALUMINIUM HYDROXYCHLORIDE, (1%) @25° C 3.5 - 5.0, LIGHT YELLOW, POWDER, NOT FLAMMABLE, PARTIAL, 25 KG/BAG	30000	Kg
2.	Flocculant, Solid (NALCO 9916)	100	Kg
3.	CHEMICAL OPERATION, ANTISCALE for RO high Silica	100	Kg
4.	CHEMICAL, ANTI CHLOR FOR RO (SMBS), CHEMICAL, DECHLORINATION CHEMICAL, SODIUM METABISULFITE, BULK DENSITY: 1.20 – 1.30, PH 5% SOLUTION : 4.0 – 5.0, SOLUBILITY : PARTIALLY SOLUBLE IN WATER ABOUT 30 GR. IN 100 ML OF DISTILLATE WATER, APPEARANCE: LIQUID, WHITE TO YELLOW, QTY : 25 KG, REF: NR 4391	350	Kg
5.	CHEMICAL, OPERATION, HYDROCHLORIC ACID, HCL, 32 %, DENSITY (29-35° C) MIN. 1.150, FREE Cl2 MAX. 20 PPM, Fe MAX 2 PPM	18000	Kg
6.	CHEMICAL OPERATION, NaOH, 48-50%, NaCl MAX. 70 PPM, Fe MAX. 5 PPM, SiO2 MAX. 10 PPM	23400	Kg
7.	TRISODIUM PHOSPHATE DODECAHYDRATE, TECHNICAL, N444, PH (1%):12, WHITE, 75 ° C, 15 KG/PAIL, POWDER	540	Kg
8.	CHEMICAL, HYDRAZINE, N2H4, >35 %, PH 11 - 12.1, COLOURLESS, CHLORIDE < 0.02 %, LIQUID, SG 1.015 - 1.04 @ 25 DEG C	600	Kg
9.	CHEMICAL, BOILER, NH4OH, 25 %, CHLORIDE 0.02 %, PH 12.9 - 13.5, LIQUID AMMONIA, CLEAR, 0.91 - 0.93 GR/ML	600	Kg
10.	SILICA, REAGENT, 100 PCS, AMINO ACID, POWDER PILLOWS, HACH CAT. 22540-69	20	pack
11.	CITRIC ACID, REAGENT, LOW RANGE SILICA TEST; FOR 10 ML SAMPLES, 100 PILLOWS, POWDER PILLOWS	20	pack
12.	SILICA, REAGENT, HACH CAT. 1995.26, 50 ML, MOLYBDATE 3, REAGENT SOLUTION	20	pack
13.	PHOSPHATE, REAGENT, PHOSVER@ 3 PHOSPHATE REAGENT PP 10 ML, PK/100, HACH Cat. 21060-69, 0,02-2,50 MG/L PO4	5	pack
14.	FERRIC ION SOLUTION, HACH CATALOG NO. 22122-42, 100 ML	3	botol
15.	MERCURIC THIOCYANATE SOLUTION, FOR CHLORIDE TEST, 200 ML, HACH 22121-29	3	botol
16.	Hydrazine Sulfate, ACS catalogue number : 74226	1	Botol
17.	HYDRAZINE, REAGENT, HYDRAVER, 100 ML/BOTTLE, HACH CAT.1790-32	4	botol
18.	REAGENT, FERROZINE IRON REAGENT, SOLUTION, CAT. 230149, 500 ML, RANGE: 0.009 - 1.4 PPM	4	botol
19.	IRON STANDARD SOLUTION, HACH 22418-32, 100 ML, 1000±10 MG/L AS TOTAL FE IN DILUTE HCL	1	pack
20.	CHEMICAL, LABORATORIUM ANALYZER, CHLORINE STANDART SOLUTION, LIQUID, P/N 2630020, CON. 25-30 mg/l AS Cl2, 2 MI/PACK	1	pack
21.	CHLORINE, REAGENT, DPD FREE CHLORINE POWDER, RANGE 0.02 - 0.2 MG/L, POWDER, SAMPLE SIZE 10 ML, 100 POWDER PILLOWS / PACK, COMPATIBLE WITH YSI 900 PART NUMBER 251401Y	2	pack
22.	Calcium Standard Solution, 0.50 mg/L as CaCO3 catalogue number : 2058016	1	pack
23.	HARDNESS TEST REAGENT, ALKALI SOLUTION FOR CALCIUM&MAGNESIUM TEST, LIQUID, 100 ML, HACH 22417-32	4	botol
24.	HARDNESS TEST REAGENT, CALCIUM AND MAGNESIUM INDICATOR SOLUTION, LIQUID, 100 ML, HACH 22418-32	4	botol
25.	SODIUM, EDTA 2 NA, C10H14O8N2NA2 2H2O	2	pack
26.	EGTA Solution, Cat.2229726	2	botol
27.	BUFFER SOLUTION, STANDARD, PH 10.01 (25 C), 250 ML / BOTTLE, METTLER TOLEDO CAT NO. 51340231	8	botol
28.	BUFFER SOLUTION, STANDARD, PH 4.01, CAP: 500 ML, REFF: HACH, CAT NUMBER 2283449	8	botol
29.	BUFFER SOLUTION, STANDARD, PH 7.00, CAP: 500 ML, REFF: HACH, CAT NUMBER 2283549	8	botol
30.	BUFFER SOLUTION, STANDARD, CONDUCTIVITY, ± 1 %, 1.3 µs/ CM, 12 MONTHS, DFM, 300 ML GLASS BOTTLE	1	Ea
31.	CONDUCTIVITY STANDARD SOLUTION, 100 µs/cm, REFF: HACH, CAT NUMBER 2971849, CAP: 1 LTR mL	2	botol
32.	CONDUCTIVITY STANDARD SOLUTION, 300 mL, 5 µs/cm	2	Ea
33.	CONDUCTIVITY STANDARD SOLUTION, 300 mL, 84 µs/cm	2	botol