

PENGUMUMAN PELELANGAN TERBUKA

NOMOR 283.Peng/SCM/PLN-NPS/2025

TENTANG

PENGADAAN FAST MOVING MECH SEMESTER 1 PLTU TIDORE TAHUN 2025

Tim Pengadaan Barang/Jasa PT PLN Nusantara Power Services akan melaksanakan Pelelangan Pengadaan Fast Moving Mech Semester 1 PLTU Tidore Tahun 2025 dengan persyaratan sebagai berikut :

1. Persyaratan Peserta Lelang

- a. Terdaftar di VMS (Vendor Management System) PLN NP Services.
- b. Memiliki pengalaman minimal 2 (dua) pekerjaan sejenis dalam kurun waktu 5 (lima) tahun terakhir. dibuktikan dengan copy :1) Copy Surat Perintah Kerja/Kontrak Pekerjaan; atau2) Berita Acara Pemeriksaan Barang atau Berita Acara Penyelesaian Pekerjaan;

2. Pelaksanaan Pengadaan

- a. Pendaftaran dan Pengambilan Dokumen :

Hari/Tanggal : Kamis, 10 April 2025 sd Kamis, 17 April 2025

Waktu : Pukul 08:00 s/d 16:00 WIB

Tempat : - PT. PLN Nusantara Power Services

Jl. Raya Bandara Juanda No 17

Desa Semambung, Gedangan

Sidoarjo

- Atau melalui email : pengadaan@plnnpowerservices.com

dengan diberi subyek :

SURAT PERNYATAAN MINAT PENGADAAN FAST MOVING MECH SEMESTER 1 PLTU TIDORE TAHUN 2025

- b. Aanwijzing atau Penjelasan Dokumen:

Hari/Tanggal : Selasa, 15 April 2025

Waktu : Pukul 13:30 WIB

Tempat : - PT. PLN Nusantara Power Services

Jl. Raya Bandara Juanda No 17

Desa Semambung, Gedangan

Sidoarjo

- Atau Pelaksanaan penjelasan lelang dapat dilakukan melalui media daring atau Internet (email, video conference, dan lain-lain) yang akan diinformasikan berikutnya.

- c. Dokumen Pengadaan dapat di-email atau diambil dalam bentuk soft copy.

3. Spesifikasi Pekerjaan

Sesuai daftar Terlampir

Demikian disampaikan untuk menjadi perhatian.

Sidoarjo, 10 April 2025

Tim Pengadaan Barang/Jasa PT. PLN Nusantara Power Services

Catatan :

Peserta yang mendaftar diharapkan membawa flashdisk apabila membutuhkan softcopy dokumen

PIC Pengadaan : ANAN JAYA NOVERA

No. HP : 085236860506

DAFTAR RINCIAN HARGA PENAWARAN

No	Item Barang/Jasa	Jumlah	Satuan	Harga Satuan	Jumlah Harga
1	Pengadaan Fast Moving Mech Semester 1 PLTU Tidore Tahun 2025	1	Lot		
Terbilang :				TOTAL TANPA PPN	

RINCIAN HARGA PENAWARAN

NO.	NAMA BARANG DAN JASA	JUMLAH	SATUAN	HARGA SATUAN	JUMLAH HARGA
A	Pengadaan fast moving mech semester 1 PLTU Tidore Tahun 2025				
1	SEAL, MECHANICAL, PUMP TYPE : MSD-40, SS316, CARBON SILICON CARIBED BUNA N FITS, ISO DIN/ANSI TYPE 2100, FOR : HP PUMP SWRO WTP 2	1	EA		
2	TIRE, TUBE TYPE, 7.50 - 16, PLY : 14 PR (H.T NYLON), 1550/1450 KG, FOR : LIGHT TRUCK, GT 88N (INCLUDED BAN DALAM)	12	SET		
3	SEAL, MECHANICAL, ID 80.02 X OD 104.02 MM, THICK. 12.18 MM, CARBON ID 79.54 X OD 99.41 MM, 0011 BRUGMANN, FOR DE BFP	1	SET		
4	SEAL, MECHANICAL, STATIONARY ID 41.5MM X OD 57.5MM X THK 20MM, ROTATING : ID 40.5MM X OD 56MM X THK 38MM, TYPE : MULTISPRING, SS 304, P/N : 58U-40, FOR : RO PUMP C	1	EA		
5	SEAL, MECHANICAL, MULTIPLE SPRINGS, AXIAL MOVEMENT 2-4 MM, ID1 = 75.9 MM ID2 = 80.02 MM, CARBON GRAPHITE, KODE: 22-H75N/75-00 BRUGMAN, FOR BFP	1	SET		
6	SEAL, COVER, TYPE U, 23 X 13 X 7 X 5 MM, RUBBER EPDM, FOR BAG FILTER	50	M		

7	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: FBX, MATERIAL: FCD 45, DIMENSION: 14 X 99.5 X 73	10	EA		
8	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: FDY, MATERIAL: FCD 45, DIMENSION: 14 X 148,2 X 73	10	EA		
9	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: FDX, MATERIAL: FCD 45, DIMENSION: 14 X 148,2 X 73	10	EA		
10	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: CY, MATERIAL: FCD 45, DIMENSION: 14 X 101,8 X 73	10	EA		
11	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: CX, MATERIAL: FCD 45, DIMENSION: 14 X 101,8 X 73	10	EA		
12	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: FBY, MATERIAL: FCD 45, DIMENSION: 14 X 99,5 X 73	10	EA		
13	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: BY, MATERIAL: FCD 45, DIMENSION: 14 X 97,5 X 73	10	EA		
14	BLADE, DISTRIBUTOR, FOR: MECHANICAL SPREADER, TYPE: BX, MATERIAL: FCD 45, 14 X 97.5 X 73 MM	10	EA		
15	SEAL, MECHANICAL, ID : 18 MM, OD : 34 MM, L : 28 - 34 MM, CARBON, FOR : EJECTOR CIRCULATING PUMP	1	EA		
16	BOLT, STUD, M30 X 1000 MM, 2.5 MM, SS 304, INCLUDE NUT & WASHER 8 SET	1	SET		
17	CLUTCH, COVER ASSY, PRESSURE PLATE, P/N : 31210-LAA50, FOR DT 6-9	4	EA		
18	COUPLING, CLAMP, PIPE, FLEXIBLE PASS, C/W EW GASKET, 3 IN, SS316, VICTAULIC 77A	3	SET		
19	SEAL, MECHANICAL, ID : 25 MM, CODE : MG1/25-Z, FOR : DEMIN PUMP	2	SET		

20	COUPLING,CLAMP, PIPE, FLEXIBLE PASS, C/W EW GASKET, 2.5 IN, SS316, VICTAULIC 77A	3	SET		
21	REGULATOR, DOOR WINDOW, LEFT DOOR, P/N : 69801-37041, FOR DT 6-9	2	SET		
22	REGULATOR, DOOR WINDOW, RIGHT DOOR, P/N : 69802-37041, FOR : DT 06-09	2	SET		
23	RUBBER, COUPLING, GR48	10	EA		
24	SEAL, MECHANICAL, TYPE : TJ-0200-S-2, FOR : NEUTRALIZATION PUMP	1	EA		
25	COUPLING,CLAMP, PIPE, FLEXIBLE PASS, C/W EW GASKET, 2 IN, SS316, VICTAULIC 77A	3	SET		
26	SPRING BRAKE SHOE PER PIRODO KAMPAS REM BELAKANG HINO DUTRO 130 HD P/N : 47457-71010 FOR DT 06-09	32	EA		
27	SPRING BRAKE SHOE PER PIRODO KAMPAS REM RODA DEPAN HINO DUTRO 130 HD P/N : 90905-07016	32	EA		
28	COUPLING,CLAMP, PIPE, FLEXIBLE PASS, C/W EW GASKET, 1 IN, SS316, VICTAULIC 77A	3	SET		
29	COUPLING, UPPER CLUTCH MASTER, CYLINDER ASSY, P/N : 31420-37142, FOR : DT 06-09	4	EA		
30	BOLT, ASSEMBLED WASHER, HEX HEAD, M16 X 120 MM, 2 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
31	COUPLING, FLEXIBLE FLANGE, 13 X 50-56 X 125 MM, 4 CONNECTION, M12, WASHER RUBBER, STEEL FC 200, FCL-125	16	SET		
32	GRATE, BOLT & NUT, INCLUDE WASHER, M12 X 50, 30 MM THREAD MM, SS 400, FOR RACK	100	EA		
33	RUBBER, COUPLING,TYPE : H (N - EUPEX), MATERIAL : HP (TPU), HARDNESS : 97 SHOREA, SIZE : 110, FOR : BELT FEEDER & BC 02	20	EA		
34	SEAL, MECHANICAL, D SHAFT : 16 MM, L : 62 MM, TYPE : VERTICAL MECH SEAL, FOR : JOKEY PUMP	1	SET		
35	TUBE, BRAKE SYSTEM, FRONT, L 430 MM, INCLUDE CONNECTOR, FOR DT 6-9	16	EA		

36	TUBE, BRAKE SYSTEM, REAR, L 870 MM, INCLUDE CONNECTOR, FOR DT 6-9	16	EA		
37	PACKING, SHEET, ASBESTOS CLOTH / TAPE, WIDTH : 2 IN (5 CM), THICK : 1/8 IN (3 MM)	30	M		
38	SEAL, MECHANICAL, G2-33 (G60 STA), CA / SIC, FOR: CLARIFIER PUMP	1	EA		
39	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 50 MM, 1.75 MM, CARBON STEEL, GRADE 8.8 (INCLUDED NUT & RING)	20	EA		
40	BOLT, ASSEMBLED WASHER, HEX. HEAD, M18 X 140 MM, 2.5 MM, SS316	15	SET		
41	BRAKE, UPPER BRAKE MASTER, CYLINDER ASSY, P/N : 47207-37070, FOR : DT 06-09	1	EA		
42	RUBBER, COUPLING, MAT: RUBBER, THICK: 25 MM, ID: 56 MM, OD: 109,5 MM, 6 PETAL, STAR 110, FOR: WATER EJECTOR PUMP	10	EA		
43	RUBBER, COUPLING, TYPE : LK 110	10	EA		
44	BOLT, ASSEMBLED WASHER, HEX HEAD, M22 X 120 MM, 2.5 MM, SS 304 (INCLUDED NUT & RING)	10	EA		
45	BOLT, ASSEMBLED WASHER, HEX HEAD, M20 X 60 MM, 2.5 MM, SS 316 (INCLUDED NUT & RING)	10	EA		
46	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 40 MM, 1.75 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
47	BEARING, CLUTCH, P/N : 31230-JGC00, FOR : DT 06-09	2	EA		
48	BOLT, HUB, AXLE SHAFT, STUD AND NUT, FOR DT 06-09	30	SET		
49	BELT, V, RIBBED, P/N : 6756-614130, FOR : EXCAVATOR PC210 10MO	1	EA		
50	DINAMO STATER DELCO REMY PART NO. 8200072-8MT NEW STARTER	1	EA		
51	BRAKE, MASTER, CYLINDER ASSY, LEFT REAR WHEEL, WITH NIPPLE, P/N : 47580-F1011, FOR DT 6-9	3	EA		
52	BRAKE, MASTER, CYLINDER ASSY, LEFT REAR WHEEL, P/N : 47570-F1011, FOR : DT 6-9	3	EA		
53	BRAKE, MASTER, CYLINDER ASSY, RIGHT FRONT WHEEL, WITH NIPPLE, P/N : 47520-F1011, FOR : DT 6-9	3	EA		

54	BRAKE, MASTER, CYLINDER ASSY, RIGHT FRONT WHEEL, P/N : 47510-F1011, FOR : DT 6-9	3	EA		
55	BOLT, ASSEMBLED WASHER, HEX HEAD, M20 X 50 MM, 1.5 MM, SS 316 (INCLUDED NUT & RING)	10	EA		
56	BOLT, ASSEMBLED WASHER, HEX HEAD, M16 X 50 MM, 1.5 MM, SS 304 (INCLUDED NUT & RING)	20	EA		
57	BOLT, ASSEMBLED WASHER, HEX HEAD, M16 X 70 MM, 2.5 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
58	RUBBER, CONNECTION FLEXIBLE COUPLING, TO BOLT, ID 31 MM, OD 53.5 MM, L 40 MM, FOR COUPLING CWP	20	EA		
59	RUBBER, CONNECTION FLEXIBLE COUPLING, TO BOLT, ID 18.5 MM, OD 35.5 MM, WIDTH 8 MM, WITH CHAMFERING, FOR : COUPLING ID & FD FAN	10	EA		
60	GASKET, SWG, TYPE CG, 126 MM, D2 X D3 X D4 = 132 X 154 X 164 MM, WIDTH FG, GRAPHITE	1	EA		
61	GASKET, PACKING, WET, ROLL, THICK. 5 MM, L 500 MM, ASBESTOS	1	SHEET		
62	RUBBER, CONNECTION FLEXIBLE COUPLING, ID 18 MM, OD 31 MM, L 16 MM, INCLUDE BOLT M12 X 64 MM, WAHSE AND NUT, TYPE FCL F3	20	EA		
63	TUBE, REAR BRAKE, LEFT, NO.9, P/N 47329-F1010 FOR DT 6-9	4	EA		
64	TUBE, REAR BRAKE, RIGHT, NO.7, P/N 47327-F1010 FOR DT 6-9	4	EA		
65	TUBE, WHEEL CYLINDER, REAR RH P/N 47345-F1010, FOR DT 6-9	4	EA		
66	TUBE, WHEEL CYLINDER, REAR LH 47346-37020, FOR DT 6-9	4	EA		

67	HOSE, FLEXIBLE FOR REAR BRAKE TUBE) P/N 47316A	4	EA		
68	BOLT, ASSEMBLED WASHER, HEX HEAD, M14 X 60 MM, 2 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
69	BOLT, ASSEMBLED WASHER, HEX HEAD, M5 X 35 MM, 0.8 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
70	COUPLING, LOWER CLUTCH MASTER, CYLINDER ASSY, P/N : 31470-E0042, FOR : DT 06-09	1	EA		
71	BOLT, ASSEMBLED WASHER, HEX HEAD, M18 X 60 MM, 2.5 MM, SS 316 (INCLUDED NUT & RING)	10	EA		
72	BOLT, ASSEMBLED WASHER, HEX HEAD, M14 X 80 MM, 2 MM, SS 304 (INCLUDED NUT & RING)	20	EA		
73	BRAKE, MASTER, CYLINDER ASSY, RIGHT REAR WHEEL, WITH NIPPLE, P/N : 47560-F1011, FOR DT 6-9	2	EA		
74	BRAKE, MASTER, CYLINDER ASSY, RIGHT REAR WHEEL, P/N : 47550-F1011, FOR : DT 6-9	2	EA		
75	BRAKE, MASTER, CYLINDER ASSY, LEFT FRONT WHEEL, WITH NIPPLE, P/N : 47540-F1011, FOR : DT 6-9	2	EA		
76	BRAKE, MASTER, CYLINDER ASSY, LEFT FRONT WHEEL, P/N : 47530-F1011, FOR : DT 6-9	2	EA		
77	BOLT, ASSEMBLED WASHER, HEX HEAD, M24 X 75 MM, 3 MM, SS 304 (INCLUDED NUT & RING)	10	EA		
78	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 70 MM, 2 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
79	BOLT, ASSEMBLED WASHER, HEX HEAD, M4 X 35 MM, 0.7 MM, SS 316 (INCLUDED NUT & RING)	20	EA		

80	BELT, V, DIESEL FIRE FIGHTING, B 47.5	1	EA		
81	GASKET, SWG, TYPE CG, 100 MM, D2 X D3 X D4 = 106 X 119 X 129 MM, WIDTH FG, GRAPHITE	1	EA		
82	PACKING, GLAND, RING, 234 X 267 X 30 MM, MOLDED FOR MSV	1	EA		
83	RUBBER, CONNECTION FLEXIBLE COUPLING, ID 12 MM, OD 22 MM, INCLUDE BOLT M10 X 56 MM, WASHER AND NUT, TYPE FCL F2	20	SET		
84	BOLT, PIN, HEAD ROUND 14 MM, M10 X 140 MM, THREAD L 50 MM, PITCH 1.5 MM, INCLUDE NUT, CARBON STEEL, FOR SHEET SPRING DT	8	EA		
85	BOLT, ANCHOR, DYNA, M20 X 150 MM, BRASS	20	EA		
86	GASKET, SWG, TYPE CG, D2 X D3 X D4 = 91.2 X 113.5 X 131 MM, WIDTH FG, SS 304, CLASS 900	1	EA		
87	BOLT, STUD, M6 X 1000 MM, 1 MM, SS 316, INCLUDE NUT 12 PCS	10	M		
88	BELT, V, NARROW, P/N : 04120-2175, FOR : EXCAVATOR PC210 10MO	1	EA		
89	GASKET, SWG, TYPE CG, 52.4 MM, D2 X D3 X D4 = 58.4 X 85 X 95 MM, WIDTH FG, GRAPHITE	1	EA		
90	GASKET, SWG, TYPE CG, 82 MM, D2 X D3 X D4 = 88 X 114 X 124 MM, WIDTH FG, GRAPHITE	1	EA		
91	GASKET, SWG, TYPE CG, 50 MM, D2 X D3 X D4 = 56 X 85 X 95 MM, WIDTH FG, GRAPHITE	1	EA		
92	GASKET, SWG, TYPE CG, 81.7 MM, D2 X D3 X D4 = 87.7 X 114 X 124 MM, WIDTH FG, GRAPHITE	1	EA		

93	GASKET, SWG, TYPE CG, 44.5 MM, D2 X D3 X D4 = 50.5 X 89.5 X 99.5 MM, WIDTH FG, GRAPHITE	1	EA		
94	GASKET, SWG, TYPE CG, 78 MM, D2 X D3 X D4 = 84 X 114 X 124 MM, WIDTH FG, GRAPHITE	1	EA		
95	BELT, V, A-48, FOR: COMPRESSOR AC, DIESEL ENGINE LIUGONG CLG-835	1	EA		
96	SEAL, MECHANICAL, ID CARBON: 18.5 MM, LENGTH INCLUDE SPRING 23 - 39.4 MM, O-RING SEAL 19.5 X 35.5 X 10.2 MM, FOR: BUFFER POND CIRCULATING PUMP	1	EA		
97	KRAN BALL VALVE TYPE : BALL VALVE 3 PIECES (3PC) SIZE : 2" (DUA INCHI) CLASS : 1000 PSI MATERIAL : SS 316	1	EA		
98	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 100 MM, 1.75 MM, CARBON STEEL, INCLUDE LOCK SPRING & NUT	20	EA		
99	BOLT, ASSEMBLED WASHER, HEX HEAD, M8 X 150 MM, 1 MM, THREAD 1,25 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
100	BOLT, ASSEMBLED WASHER, HEX HEAD, M16 X 80 MM, 2 MM, ALLOY STEEL, GRADE 8.8 (INCLUDED NUT & RING)	20	EA		
101	RUBBER, CONNECTION FLEXIBLE COUPLING, INCLUDE BOLT AND WASHER, M24 X 100 MM, RUBBER ID 28 X OD 50 MM, CODE F5	8	SET		
102	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 50 MM, 1.25 MM, CARBON STEEL, GRADE 8.8 (INCLUDED NUT & RING)	20	EA		
103	BOLT, U, ROUND CLAMP, 2 IN X M8, STAINLESS STEEL (INCLUDED NUT & RING)	20	EA		
104	BOLT, ASSEMBLED WASHER, HEX HEAD, M10 X 100 MM, STAINLESS STEEL (INCLUDED NUT & RING)	20	EA		
105	BOLT, ASSEMBLED WASHER, HEX HEAD, M16 X 90 MM, 2 MM, A 307, CLOCKWISE WASHER	20	EA		

106	BOLT, U, ROUND CLAMP, 4 IN X M8, STAINLESS STEEL (INCLUDED NUT & RING)	20	EA		
107	BELT, V, SCREW FEEDER, B-42	10	EA		
108	BELT, V, SPREADER, B-46	10	EA		
109	WIPER, BLADE, 350 MM / 14", RUBBER, FOR: DUMP TRUCK	2	SET		
110	BELT, V, WRAPPED, NARROW, 12.7 X 10 X 2500 MM, RUBBER, SPA-2500	1	EA		
111	BELT, V, ENGINE, RIBBED, P/N : RB 8PK 1473, FOR : EXCAVATOR R210 LC-7	1	EA		
112	PACKING, RUBBER, L : 1200 X 1000 MM, THICKNESS: 10 MM	1	M		
113	CLAMP WIRE ROPE SIZE : 5MM MATERIAL : STAINLESS STEEL 304	10	EA		
114	BELT, V, NARROW, P/N : AX-46, FOR : FORKLIFT 02	1	EA		
115	BELT, V, EXCAVATOR, V- BELT AC, 25231-45002 HMC	1	EA		
116	BOLT, U, ROUND CLAMP, 2.5 IN X M8, STAINLESS STEEL (INCLUDED NUT & RING)	20	EA		
117	BOLT, ANCHOR, DYNA, M8 X 50 MM, BRASS	20	EA		
118	BOLT, ASSEMBLED WASHER, HEX HEAD, M3 X 20 MM, 0.5 MM, SS 316 (INCLUDED NUT & RING)	30	SET		

119	BELT, FLAT, 22 MM, FOR PURIFIER P/N : 130423 (S) 260 169-22	2	EA		
120	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 60, 1.75 MM, GALVANIS (INCLUDED NUT & RING)	20	EA		
121	BOLT, KEY HEAD, M12 X 35 MM, 1.75 MM, THREAD 30 MM, SS 400, FOR TRAVELLING GRATE	10	EA		
122	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 60 MM, 1.75 MM, SS 304	20	EA		
123	BOLT, ASSEMBLED WASHER, HEX HEAD, M10 X 40 MM, 1.5 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
124	BOLT, ASSEMBLED WASHER, HEX HEAD, M6 X 55 MM, 1 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
125	PACKING, GASKET, SHEET, 1000 X 1000 X 0.5 MM, ASBESTOS	1	SHEET		
126	GASKET, FLANGE, ID 50 MM, OD 71 MM, WIDTH 10 MM, GRAPHITE	1	EA		
127	BOLT, KEY HEAD, M8 X 40 MM, 1.25 MM, THREAD 20 MM, SS 400, FOR TRAVELING GRATE	10	EA		
128	RIVET, PAKU KELING KAIN KAMPAS REM HINO DUTRO 130 HD	500	EA		
129	BOLT, ASSEMBLED WASHER, HEX HEAD, M12 X 55 MM, 1.25 MM, SS 304 (INCLUDED NUT & RING)	20	EA		
130	BOLT, ASSEMBLED WASHER, HEX HEAD, M8 X 55 MM, 1.25 MM, SS 316 (INCLUDED NUT & RING)	20	EA		
131	BOLT, U, ROUND CLAMP, 6 IN X M8, STAINLESS STEEL (INCLUDED NUT & RING)	5	EA		

132	BOLT, ANCHOR, DYNA, M10 X 50 MM, BRASS	20	EA		
133	BELT, V, C-68, FOR: PULLEY VIBRATING SCREEN B	1	EA		
134	BOLT, U, ROUND CLAMP, 1.5 IN X M8, STAINLESS STEEL (INCLUDED NUT & RING)	10	EA		
135	BOLT, KEY HEAD, M12 X 60 MM, 1.75 MM, THREAD 35 MM, SS 400, FOR TRAVELING GRATE	10	EA		
136	BOLT, U, ROUND CLAMP, 3 IN X M8, STAINLESS STEEL (INCLUDED NUT & RING)	5	EA		
137	GASKET, SWG, TYPE: R, NPS: 1 1/4", PRESS CLASS: 300, STD FLANGE: ASME B16.5 & BS 1560, WINDING MAT: 316L/FLEXICARB (FG), OUTER RING: CARBON STEEL, INNER RING: 316L	1	EA		
138	PACKING, GASKET, SHEET, TBA, THICKNESS: 0.5 MM	1	SHEET		
139	BOLT, U, ROUND CLAMP, 1N X M8, STAINLESS STEEL (INCLUDED NUT & RING)	5	EA		
140	BOLT, ANCHOR, DYNA, M12 X 120 MM, BRASS	20	EA		
141	BOLT, M36 X L : 193,8 X THREAD 3 MM, TOP THREAD LENGHT 55 MM,BOTTOM THREAD LENGTH 40 MM, MATERIAL VCN 150 (HARDENING HRc 34-40)	8	EA		
142	NUT, LENHGT 75 MM X THREAD LENGHT 35 MM X THREAD 3 MM, LK 32 MM, MATERIAL VCN 150 (HARDENING HRc 34-40)	8	EA		
143	CARBON BRUSH SIZE : 60 X 32 X 25 MM GRADE : HG 6634 (SCHUNK)	12	EA		
144	CONSTANT FORCE SPRING FOR CARBON BRUSH	12	EA		

145	UNION BONNET NEEDLE VALVE SIZE : 1/2 IN OPERATING PRESS : 6000 PSI OPERATING TEMP : MIN 54 DEG C TO 649 DEG C CONNECTION : SHOCK WELD	1	EA		
146	SCHMERSAL POSITION SWITCH TYPE : MS 330-11Y-M20-1366 ; IEC 60947-5-1 ; IP 65 ; UI 250V ; UIMP 4KV ; AC-15 101164485 3X7	1	EA		
TOTAL TANPA PPN					Rp -

Tanda Tangan & Stempel Perusahaan