

INVENTORI PERALATAN

BIL	KETERANGAN	PERALATAN
1.0	NETWORK PUMPING STATION (NPS)	
1.1	MAKMAL KIMIA (IPSS) Pump Sum:	2 nos. of Submersible Pump (1.5 kW 415V), + Float Switches. 1 lot of Electrical Control Board.
2.0	EXTENDED AERATION PLANT	
2.1	LOJI CANSELERI (2,500 PE) Incoming Chamber: Grit & Grease Chamber: Aeration Tank: Clarifier: Sludge Holding Tank: Chlorine Chamber: Effluent Chamber: Drying Bed: Control Room:	1 lot of System Pipe (cast iron), 1 no. of Penstock, 2 nos. of Wet Well Pump (YAM 7.5 kW 415V), + Float Switches. 2 nos. of Manual Raked Coarse Screen, 1 no. of Lifting Device 1 no. of Manual Raked Fine Screen, 1 no. of Mechanical Fine Screen. 1 lot of Blower Piping, 12 nos. of Ball Valve, 24 nos. of Disc Diffuser 2 nos. of Submersible Pump (1.5 kW 415V), 2 nos. of vacuum Scum Skimmer. 1 no. of WAS Pump (YAM 1.5 kW 415V). 1 lot of Effluent Chamber 1 lot of Open Channel Flow Meter (ultrasonic type c/w sensors plus data logger, 1 lot of DO, pH & Temperature analyzer c/w sensors. 4 lots of Drying Bed. 1 lot of Electrical Control Switch Board, 2 nos. of TRUNDEAN Air Blower, 2 nos. of Induction Motor 11.0 kW 415V.
2.2	LOJI MAWAR (8,500 PE) Incoming Chamber: Grit & Grease Chamber: Aeration: Sludge Holding Tank: Sludge Transfer Tank: Clarifier:	1 lot of System Pipe (cast iron) 1 no. of Penstock, 2 nos. of Raw Pump (HYDROSTAT 25.0 kW 415V), + Float Switches. 1 nos. of Manual Raked Screen, 1 no. of Mechanical Screen Coarse, 1 no. of Lifting Device. 2 nos. of Grit & Grease Chamber, 1 no. of Manual Raked Screen, 1 no. of Mechanical Fine Screen Coarse, 2 nos. of Grit Pump (ABS 1.5 kW 415V). 1 lot of Blower Piping, 2 nos. of Ball Valve, 2 nos. of Aeration Tank, 210 nos. of Disk Diffuser. 2 nos. of Transfer Pump (ABS 1.5 kW). 2 nos. of WAS Pump (ABS 1.5 kW). 2 nos. of Clarifier Tank, 2 nos. of Metal Bridge, 2 nos. of Mechanical Scrapper, 2 nos. of RAS Pump (ABS 8.0 kW 415V).

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	Junction Chamber: Chlorine Chamber: Final Effluent Chamber: Drying Bed: Control Room:	1 lot of Effluent Chamber 1 lot of Effluent Chamber 1 lot of Open Channel Flow Meter (ultrasonic type c/w sensors plus data logger, 1 lot of DO, pH & Temperature analyzer c/w sensors. 4 lot of Drying Bed, 1 lot of Cake Store 1 lot of Electrical Control Switch Board, 2 nos. of TRUDEAN Blower 2 loop, 2 nos. of Induction Motor TECO 30.0 kW 415V.
2.3	TERATAI (5,000 PE) Incoming Chamber: Grit & Grease Chamber: Aeration Tank: Sludge Holding Tank: Sedimentation Tank: Control Room: Final Effluent Chamber:	1 no. of Manual Raked Coarse Screen, 1 no. of Manual Raked Fine Screen, 2 nos. of Raw Pump (YAM 15.0 kW 415 V),+ Float Switches. 1 no. of Lifting Device. 2 nos. of Grit & Grease Chamber. 1 lot of Blower Piping, 14 nos. of 2" Gate Valve, 24 nos. of Tube Type Diffuser, 2 nos. of 4" Gate Valve. 1 no. of Sludge Holding Tank, 6 nos. of Tube Type Diffuser. 3 nos. of 4" gate Valve. 4 nos. of RAS Pump (YAM 3.0 kW 415V). 1 lot of Electrical Control Switch Board, 2 nos. of FU-TSU Air Blower 2 loop, 2 nos. of Induction Motor EXCEL 30.0 kW 415V. 1 lot of Open Channel Flow Meter (ultrasonic type c/w sensors plus data logger, 1 lot of DO, pH & Temperature analyzer c/w sensors.
2.4	ROTU LAMA (1,200 PE) Incoming Chamber: Aeration Tank: Clarifier Chamber: Sludge Holding Tank: Control Room: Final Effluent Chamber:	2 nos. of Manual Raked Coarse Screen. 1 lot of Blower Piping, 7 nos. of Ball Valve, 90 no. of Tube Type Diffuser, 1 no. of 1kW RAS Pump. 1 no. of Mechanical Scraper 0.75 kW, 2 nos. of vacuum scum skimmer Sludge Holding Chamber 1 lot of Electrical Control Switch Board, 2 nos. of FU'TSU SSR Air Blower 2 loop, 2 nos. of Induction Motor EXCEL 18.5 kW 415V 1 lot of Open Channel Flow Meter (ultrasonic type c/w sensors plus data logger, 1 lot of DO, pH & Temperature analyzer c/w sensors.

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3.0	HI-KLEEN SYSTEM	
3.1	DEWAN AGONG TUANKU CANSELOR (500 PE) Incoming Chamber: Sludge Holding Tank: Equalization Tank: Sedimentation Tank: Effluent Chamber: Control Room: Drying Bed: Final Effluent Chamber:	1 no. of Penstock, 1 no. of Manual Raked Fine Screen, 2 nos. of Raw Pump (EBARA 2.2 kW 415V).+ Float Switches. 1 no. of WAS Pump (GRUNFOS 1.0 kW) 1 no. of Junction Box, 2 no. of Pump (GRUNFOS 1.0 kW 415V).+ Float Switches. 1 no. of Vacuum Pump, 1 no. of Scum Skimmer. 1 lot of Chlorination Chamber 1 lot of Electrical Control Switch Board, 2 nos. of FU-TSU Air Blower 2 loop, 2 nos. of Induction Motor EIM 5.5 kW 415V. 4 lot of Drying Bed 1 lot of Open Channel Flow Meter (microflow type c/w sensors plus data logger, 1 lot of DO, pH & Temperature analyzer c/w sensors.
3.2	MASJID SULTAN MIZAN ZAINAL ABIDIN (500 PE) Incoming Chamber: Sludge Holding Tank: Equalization Tank: Sedimentation: Clarifier: Control Room: Final Effluent Chamber:	1 no. of Manual Raked Fine Screen, 1 no. of RAS Pump (GRUNFOS 1.0 kW). 1 no. of Junction Box, 2 no. of Pump (GRUNFOS 1.0 kW)+ Float Switches. 1 no. of Sedimentation Tank 1 no. Clarifier Tank, 1 no. of Scum Skimmer 1 lot of Electrical Control Switch Board, 2 nos. of FU-TSU Air Blower 2 loop, 2 nos. of Induction Motor EIM 4.0 kW 415V 1 lot of Electromagnetic Flow Meter c/w sensors plus data logger, 1 lot of DO, pH & Temperature analyzer c/w sensors.
3.3	LOJI C, INTEC, UiTM KAMPUS SEKSYEN 17 (200 PE) Incoming Chamber: Grit & Grease Chamber: Aeration Tank: Sludge Holding Tank: Sedimentation Tank: Effluent Chamber: Control Room:	1 no. of Penstock, 1 no. of Manual Raked Coarse Screen, 1 no. of Manual Raked Fine Screen, 2 nos. of Raw Pump (Flight 1.3 kW 415V) + Float Switches 2 nos. of Grit & Grease Chamber. 1 no. of Manual Raked Screen, 1 lot of air diffuser 1 lot of air diffuser 1 no. of Scum Skimmer 1 lot of Chlorination Chamber. 1 lot of Electrical Control Switch Board, 2 nos. of FU-TSU Air Blower, 2 nos. of Induction Motor EIM 2.2 kW 415V.

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3.4	LOJI B, UiTM JALAN OTHMAN (50 PE) Incoming Chamber: Effluent Chamber: Control Room:	1 no. of Penstock, 1 no. of Manual Raked Coarse Screen, 2 nos. of Air Pump (0.5 kW) 1 lot of Chlorination Chamber. 2 nos. of Out Let Pump (Ebara 0.75 kW 415V) + Float Switches 1 lot of Electrical Control Switch Board,
4.0	IMHOFF TANK	
4.1	FAKULTI SENI LUKIS & SENI REKA (500 PE)	1 lot. Of RC Tank +Filter Bed, 1 no. of Electrical Control Panel, 2 nos. of Submersible Pump 1.5 kW, 1 no. of Network Pumping Station
4.2	AKADEMIK 2 (500 PE)	1 lot. Of RC Tank/Filter Bed, 1 no. of Electrical Control Panel,
4.3	PUSAT INOVASI (OIA) 50 PE	1 lot. Of RC Tank/Filter Bed, 1 no. of Electrical Control Panel, 2 nos. of Submersible Pump ABS 1.5 kW
4.4	KOMPLEK SUKAN (Delima)	1 lot. Of RC Tank/Filter Bed, 1 no. of Electrical Control Panel, 2 nos. of Submersible Pump ABS 0.75 kW
4.5	KOLAM RENANG (50 PE)	1 lot. Of RC Tank/Filter Bed
4.6	AKADEMI BAHASA (50 PE)	1 lot. Of RC Tank, 1 no. of 0.5 hp Air Pump
4.7	LOJI A, INTEC, UiTM SEKSYEN 17 (300 PE)	1 lot. Of RC Tank/Filter Bed, 2 nos. of Submersible Pump (Grundfos 1.7 kW), 1 no. of Electrical Control Panel.
4.8	LOJI B, INTEC, UiTM SEKSYEN 17 (500 PE)	1 lot. Of RC Tank/Filter Bed, 2 nos. of Submersible Pump (Grundfos 1.7 kW), 1 no. of Electrical Control Panel
4.9	LOJI A, UiTM JALAN OTHMAN (100 PE)	1 lot. Of RC Tank/Filter Bed, 2 nos. of Submersible Pump ABS 1.5 kW, 1 no. of Electrical Control Panel.

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BIL	KETERANGAN	PERALATAN
5.0	SEPTIC TANK	
5.1	Rumah Pam 1	1 lot
5.2	Pejabat Media UiTM (Pintu 1)	2 lot
5.3	Pos Pengawal (Pintu 4)	1 lot
5.4	Kolej Seroja (Padang Hoki)	1 lot
5.5	Dewan Sri Budiman	1 lot
5.6	Pejabat Pendaftar Lama	1 lot
5.7	Parkir Bertingkat (Pejabat Pendaftar)	1 lot
5.8	Pejabat Pengurusan Fasiliti	2 lot
5.9	Pejabat Bendahari Zon 5 (PPF)	1 lot
5.10	Fakulti Pergigian (FSKM CS2)	1 lot
5.11	Pejabat Polis Bantuan (Pej. Lama)	1 lot
5.12	Padang Hoki Kompleks Sukan	1 lot
5.13	Unit Sukan	1 lot
5.14	Kompleks ROTU	1 lot
5.15	Tadika UiTM	1 lot
5.16	Nurseri	1 lot
5.17	Pejabat Parkir Berpalang	1 lot
6.0	GREASE TRAP	
6.1	Hotel UiTM	3 lot
6.2	Kafeteria Menara SAAS	2 lot
6.3	Kafeteria Kolej Perindu	1 lot
6.4	Kafeteria Bangunan Akademik 2	4 lot
6.5	Kafeteria FSSR	1 lot
6.6	Kafeteria Kompleks Tahir Majid	1 lot
6.7	Kafeteria FSKM	1 lot
6.8	Kafeteria Kompleks Kejuruteraan	4 lot
6.9	Kafeteria Akademik 3	1 lot
6.10	Kafeteria Kompleks Sukan	1 lot
6.11	Kafeteria Kolam Renang	1 lot
6.12	Kafeteria Bendahari Perolehan	1 lot
6.13	Kafeteria Bangunan Canseleri	1 lot
6.14	Kafeteria Dataran Cendikia	16 lot
6.15	Kafeteria Blok B, INTEC Seksyen 17	1 lot
6.16	Snack Corner Blok N, INTEC Seksyen 17	1 lot
6.17	Kafeteria Blok V, INTEC Seksyen 17	1 lot
6.18	Kafeteria OIA (Inovasi)	1 lot
6.19	INTEKMA Resort	2 lot
6.20	Kafeteria Kolej Cemara, INTEC	3 lot
6.21	Kafeteria Kolej Akasia, INTEC	4 lot
6.22	Kafeteria Kolej Anggerik	1 lot