

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
1	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Activated Clotting Time Test System, Helena	3	PCS	1		
2	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Defibrillator/AED	3	PCS	29		
3	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Ripple Mattress	3	PCS	3		
4	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Airway Clearance System, Lifotronics	3	PCS	1		
5	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Ambulatory Blood Pressure Monitor, Labtech	3	PCS	3		
6	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Anaesthesia Machine	3	PCS	5		
7	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Electronic Balance	3	PCS	3		
8	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Analyzer Blood Gas, Siemens	3	PCS	3		
9	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Automated Coagulation Timer System, Medtronic.	3	pcs	1		
10	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for AUTOMATED PERITONEAL DIALYSIS MACHINE, SLEEP SAFE HARMONY, Fresenius	3	PCS	1		
11	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Automated Blood Pressure Monitor	3	PCS	14		
12	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Auto-Transfusion System, CATs Plus, Fresenius	3	PCS	1		
13	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Base intensive	3	PCS	18		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
14	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Hospital Bed Non-Electrical/ Hydraulic	3	PCS	122		
15	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Hospital Bed Intensive Care/ Electrical	3	PCS	25		
16	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Hospital Bed Maternity/ Electrical	3	PCS	3		
17	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Portable Reciprocating Saw	3	PCS	4		
18	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Centrifuge	3	PCS	17		
19	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Blood Warmer	3	PCS	18		
20	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Digital column/ Baby/ Chair Weight Scale	3	PCS	23		
21	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Bicycle Ergometer, GE	3	pcs	3		
22	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Low suction regulator/flowmeter	3	PCS	13		
23	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Microscope	3	PCS	15		
24	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Chest Compression System	3	PCS	1		
25	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Video Laryngoscope	3	PCS	2		
26	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Biosafety Cabinet	3	PCS	4		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
27	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Rehab Couch, Gymna	3	PCS	4		
28	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Stress Test Monitoring system	3	PCS	3		
29	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Computed Radiography (CR)	3	PCS	1		
30	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Cell Counter	3	PCS	1		
31	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Electrocardiograph Machine	3	PCS	13		
32	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Central Monitoring system	3	PCS	5		
33	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Cerebral Oximeter	3	PCS	1		
34	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for CRRT, Gambro	3	PCS	2		
35	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Concept 2 Power PM3 Model D	3	PCS	1		
36	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Convective Warming system	3	PCS	17		
37	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Diathemy machine, Medtronic	3	PCS	7		
38	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Endoscope system, OLYMPUS	3	PCS	2		
39	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Couch Bed	3	PCS	41		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
40	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Electrocardiograph Recorder System	3	PCS	5		
41	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Endoscope system, Karl Storz	3	PCS	2		
42	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Datalogger temperature/humidity	3	PCS	46		
43	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Suction Pump/ Low suction	3	PCS	25		
44	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Infusion/Syringe Pump	3	PCS	218		
45	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for DVT Pump	3	PCS	1		
46	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for ECMO Machine, Bio-Console 560 Medtronic	3	PCS	2		
47	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Light Source, Karl Storz	3	PCS	2		
48	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for ECMO Machine, Bio-Trend Medtronic	3	PCS	1		
49	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Dialysis Unit,AK98 Gambro	3	PCS	10		
50	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for DR-Digital Radiography Transportable system,KONICA MINOLTA	3	PCS	2		
51	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Dialysis Unit, 5008S Fresenius	3	PCS	2		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
52	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for High Flow Nasal Cannula, Airvo 2 Fisher and Parker	3	PCS	5		
53	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Headlight Surgeon	3	PCS	4		
54	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Hot Plate Stirrer/ Electrical Sterilizer	3	PCS	1		
55	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Electrotherapy Ultrasound Unit, Gymna	3	PCS	2		
56	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Infant warmer/ radiant warmer	3	PCS	3		
57	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Impulse Oscillometry, Vyntus IOS Vyaire Medical	3	PCS	1		
58	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Elliptical Cross Trainer	3	PCS	1		
59	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Lamp Examination Portable/ Lamp Magnifying	3	pcs	63		
60	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Laser Imager, Drypix Fujifilm	3	PCS	1		
61	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Enteral Feeding Pump	3	PCS	9		
62	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Fast Fluid Warmer, Smiths	3	PCS	1		
63	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Endo-surgical Unit, Ethicon	3	PCS	1		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTITI	KADAR HARGA	JUMLAH (RM)
64	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Micropipette single channel	3	PCS	118		
65	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Micropipette 8-channel	3	PCS	3		
66	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Rotator/ Roller/ Vortex Mixer	3	PCS	13		
67	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Exoscope, Karl Storz	3	PCS	1		
68	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Nebulizer	3	PCS	5		
69	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Negative Pressure Wound Therapy Machine	3	PCS	1		
70	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for External Pacemaker, Maquet	3	PCS	11		
71	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Laser Imager, konica minolta	3	PCS	3		
72	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Hot Pack	3	PCS	4		
73	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Vital Sign/ NIBP Monitor	3	PCS	34		
74	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Fluid Warmer /Drying Cabinet	3	PCS	4		
75	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Infusor High Speed (Rapid), Smiths	3	PCS	1		
76	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Patient Lifter	3	PCS	2		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
77	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Patient Monitor	3	PCS	50		
78	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Fume Hood	3	PCS	2		
79	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for PH Meter	3	PCS	1		
80	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Plasma Thawer, PF48i-Pro Helmer	3	PCS	1		
81	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Plasma Thawer, DH8 Helmer	3	PCS	1		
82	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Portable Ventilator	3	PCS	2		
83	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Intra aortic Balloon Pump, Maquet	3	PCS	3		
84	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Ventilator	3	PCS	20		
85	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Micropower Drill	3	PCS	1		
86	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Pulse Oximeter	3	PCS	8		
87	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Tissue Floatation Bath	3	PCS	1		
88	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Leg exerciser	3	PCS	7		
89	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Portable Ultrasound system	3	PCS	3		
90	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Echocardiography Ultrasound, GE	3	PCS	3		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
91	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for EchoPac, GE	3	PCS	2		
92	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Light Source, Berchtold	3	PCS	1		
93	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Mattress Heating/Cooling Machine, Gaymar	3	PCS	3		
94	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Mobile Radiography System, Shimadzu	3	PCS	1		
95	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Multiheader Microscope	3	PCS	2		
96	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Muscle stimulator	3	PCS	7		
97	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Ortho Operated table, Eschman	3	PCS	1		
98	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Operated table, Trumpf	3	PCS	3		
99	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for PCA Pump, Micrel	3	PCS	7		
100	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for PCA Pump, CADD	3	PCS	2		
101	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for phototherapy Unit, Draeger	3	PCS	5		
102	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Oxygen Concentrator	3	PCS	1		
103	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Recumbent Bike	3	PCS	1		
104	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Sphygmomanometer Aneroid/ Mercury	3	PCS	49		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
105	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Stepper	3	PCS	1		
106	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Stress Test Monitoring system- treadmill	3	PCS	3		
107	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Stretcher Trolley.	3	PCS	4		
108	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Surgical Microscope, Carl Zeiss	3	PCS	1		
109	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Table Counting	3	PCS	1		
110	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Gym Treadmill	3	PCS	1		
111	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for sealer	3	PCS	1		
112	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Ultrasound system, Mindray	3	PCS	1		
113	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Vascular Dropper System, Sphymocor	3	PCS	2		
114	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for VAVD Controller, Maquet	3	PCS	2		
115	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Venaflow, Aircast	3	PCS	1		
116	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Veriq vessel flow system, Medistim	3	PCS	1		
117	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Video Processor, Olympus/ Karl storz	3	PCS	1		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)



Tajuk Projek : PERKHIDMATAN PENYELENGGARAAN SISTEM PERALATAN BIOOPERUBATAN DI PUSAT PAKAR PERUBATAN
UITM KAMPUS SUNGAI BULOH SELAMA TIGA (3) TAHUN

Keterangan : 2 - Planned Preventive Maintenance (PPM)

BIL	KETERANGAN	KEKERAPAN	UNIT	KUANTI TI	KADAR HARGA	JUMLAH (RM)
118	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for XRAY Viewer Box	3	PCS	63		
119	Ad-Hoc Non-Comprehensive Periodical Preventive Maintenance Service for Impulse Oscillometry , Vyntus Body Vyaire Medical	3	PCS	1		
JUMLAH (RM)						