

URAIAN PEKERJAAN
SMART KELAS PUSDIKARHANUD DAN PERLENGKAPANNYA TA. 2024

NO	NAMA BARANG	BANYAKNYA	
1	2	3	
A.	KELENGKAPAN SMART KELAS		
1.	PERANGKAT KERAS		
	a. Ruang Kelas (Kelas Perwira B, C, D, E dan F)		
	1) PC All in One Core i7 RAM 16GB	5	Unit
	2) UPS PC 700VA	5	Unit
	3) Interactive Panel 86"	5	Unit
	4) Open Pluggable Specification (OPS) for Interactive Panel	5	Unit
	5) Conference Rally Camera	5	Unit
	6) Multifunction Printer	5	Unit
	7) Projector Full HD	5	Unit
	8) Motorized Projector Screen 150"	5	Unit
	9) Document Camera	5	Unit
	10) Tablet Instruktur	5	Unit
	11) Sound System 650 Watt	5	Set
	12) Switch 48-Port	5	Unit
	13) WiFi Access Point	5	Unit
	14) IP Camera Teacher	5	Unit
	15) IP Camera PTZ	5	Unit
	16) Education Sharing Device	5	Unit
	17) Classroom Digital Signage	5	Unit
	18) Access Door	5	Unit
	19) Rack Perlengkapan Elektronik	5	Unit
	20) AC 1,5 PK	10	Unit
	21) Meja Instruktur	5	Unit
	22) Kursi Instruktur	5	Unit
	b. Ruang Kelas Perwira A		
	1) PC All in One Core i7 RAM 16GB	1	Unit
	2) UPS PC 700VA	1	Unit
	3) InteractivePanel 98"	1	Unit
	4) Open Pluggable Specification (OPS) for Interactive Panel	1	Unit
	5) Conference Rally Camera	1	Unit
	6) Multifunction Printer	1	Unit
	7) Projector Full HD	1	Unit
	8) Motorized Projector Screen 150"	1	Unit
	9) Document Camera	1	Unit
	10) Tablet Instruktur	1	Unit
	11) Sound System 650 Watt	1	Set
	12) Switch 48-Port	1	Unit
	13) WiFi Access Point	1	Unit
	14) IP Camera Teacher	1	Unit

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	15) IP Camera PTZ	1	Unit
	16) Education Sharing Device	1	Unit
	17) Classroom Digital Signage	1	Unit
	18) Access Door	1	Unit
	19) Rack Perlengkapan Elektronik	1	Unit
	20) AC 2 PK	2	Unit
	21) Meja Instruktur	1	Unit
	22) Kursi Instruktur	1	Unit
	c. Ruang Aula		
	1) PC All in One Core i7 RAM 16GB	1	Unit
	2) UPS PC 700VA	1	Unit
	3) Videotron P2.5 Ukuran 4.800mm x 2.800mm		
	a) LED Videotron P2.5	60	Kabinet
	b) Sending Box	4	Unit
	c) Decoder	1	Unit
	4) Sound System 1500 Watt	1	Set
	5) Switch 24-Port	1	Unit
	6) WiFi Access Point	1	Unit
	7) IP Camera PTZ	1	Unit
	8) Rack Perlengkapan Elektronik	1	Unit
	9) Meja Operator	1	Unit
	10) Kursi Operator	1	Unit
	d. Ruang Kelas TFG		
	1) PC Desktop Core i7 RAM 16GB	8	Unit
	2) PC All in One Core i7 RAM 16GB	1	Unit
	3) UPS PC 700VA	9	Unit
	4) Interactive Panel 86"	1	Unit
	5) Open Pluggable Specification (OPS) for Interactive Panel	1	Unit
	6) Sound System 1500 Watt	1	Set
	7) Projector Full HD	1	Unit
	8) Switch 24-Port	1	Unit
	9) WiFi Access Point	1	Unit
	10) IP Camera Teacher	1	Unit
	11) IP Camera PTZ	1	Unit
	12) Education Sharing Device	1	Unit
	13) Classroom Digital Signage	1	Unit
	14) Access Door	1	Unit
	15) Rack Perlengkapan Elektronik	1	Unit
	16) AC 1,5 PK	2	Unit
	17) Meja Pengawas	2	Unit
	18) Kursi Pengawas	2	Unit
	19) Meja Operator	1	Unit
	20) Kursi Operator	1	Unit
	21) Meja Peserta	6	Unit
	22) Kursi Peserta	6	Unit
	23) Meja Peta	1	Unit

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	e. Ruang Micro Teaching		
	1) PC All in One Core i7 RAM 16GB	1	Unit
	2) UPS PC 700VA	1	Unit
	3) Interactive Panel 86"	1	Unit
	4) Open Pluggable Specification (OPS) for Interactive Panel	1	Unit
	5) Multifunction Printer	1	Unit
	6) Document Camera	1	Unit
	7) Tablet Instruktur	1	Unit
	8) Sound System 650 Watt	1	Set
	9) Switch 24-Port	1	Unit
	10) WiFi Access Point	1	Unit
	11) IP Camera Teacher	1	Unit
	12) Access Door	1	Unit
	13) AC 1,5 PK	1	Unit
	14) Meja Instruktur	1	Unit
	15) Kursi Instruktur	1	Unit
	f. Ruang Perpustakaan		
	1) PC All in One Core i7 RAM 16GB	1	Unit
	2) Multifunction Printer	1	Unit
	3) UPS PC 700VA	1	Unit
	4) Document Scanner	1	Unit
	5) IP Camera PTZ	1	Unit
	g. Ruang Monitoring System		
	1) PC All in One Core i7 RAM 16GB	1	Unit
	2) UPS PC 700VA	1	Unit
	3) Interactive Panel 98"	1	Unit
	4) Open Pluggable Specification (OPS) for Interactive Panel	1	Unit
	5) Conference Rally Camera	1	Unit
	6) Sound System 650 Watt dan Delegate Conference	1	Set
	7) Access Door	1	Unit
	8) Switch 24-Port	1	Unit
	9) WiFi Access Point	1	Unit
	10) IP Camera PTZ	1	Unit
	11) Rack Perlengkapan Elektronik	1	Unit
	12) AC 2 PK	2	Unit
	13) Meja Pimpinan	2	Unit
	14) Kursi Pimpinan	2	Unit
	15) Meja PJU	10	Unit
	16) Kursi PJU	10	Unit
	17) Meja Operator	1	Unit
	18) Kursi Operator	1	Unit
	h. Ruang Server dan Power System		
	1) Rack Server 19 Inch 42U	1	Unit
	2) Rack KVM	1	Unit
	3) UPS 6kVA	1	Unit
	4) Router	1	Unit

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	5) Switch 24-Port	2	Unit
	6) Server Aplikasi	2	Unit
	7) Firewall (License 2 Tahun)	1	Unit
	8) IP Camera PTZ	1	Unit
	9) AC 1,5 PK	2	Unit
	10) Access Door	1	Unit
	i. Ruang Multimedia		
	1) Set Kamera SLR (Termasuk Tripod & Memory Card 512GB)	1	Set
	2) Studio Lighting Kit	1	Set
	3) Photo Studio Backdrop	1	Set
	4) PC Desktop Core i7 RAM 16GB	1	Unit
	5) UPS PC 700VA	1	Unit
	6) Smart TV 55"	1	Unit
	7) Access Door	1	Unit
	8) IP Camera PTZ	1	Unit
	9) Rack Perlengkapan Elektronik	1	Unit
	10) AC 1,5 PK	1	Unit
	11) Meja Operator	1	Unit
	12) Kursi Operator	1	Unit
	j. Sistem CCTV		
	1) IP Camera PTZ	8	Unit
	2) Server Surveillance		
	a) Server	1	Unit
	b) License	28	Paket
	3) NVR Storage	1	Unit
	4) PC All in One Core i7 RAM 16GB	1	Unit
	5) UPS PC 700VA	1	Unit
	6) Smart TV 55"	2	Unit
	7) Smart TV 65"	1	Unit
	k. Perangkat Pengelola Pendidikan		
	1) PC All in One Core i7 RAM 16GB	13	Unit
	2) UPS PC 700VA	13	Unit
	3) Multifunction Printer	13	Unit
	l. Internet Broadband 300Mbps	24	Bulan
	m. Penangkal Petir	3	Unit
	n. Material Jaringan	1	Paket
	a. Kabel Dropcore 2 Core	1.000	Meter
	b. SFP Module 10G	5	Unit
	c. Patchcord LC-LC	3	Pcs
	d. OTB	1	Pcs
2. PERANGKAT LUNAK			
a. Smart Class Management Platform			

1	2	3
	1) Class Monitoring Management Module	1 Paket
	2) Class Recording & Sharing Management Module	1 Paket
	3) Class Attendance Tracking Module	1 Paket
	4) Class Information Management Module	1 Paket
	5) Management of Device Monitoring Module	1 Paket
	6) Dashboard & Reporting for Class Management	1 Paket
	b. Smart Academic Journey Platform	
	1) Course & Training Management Module	1 Paket
	2) Digital Content Repository Management Module	1 Paket
	3) Virtual Class Module	1 Paket
	4) Collaboration & Interaction Module	1 Paket
	5) Personnel Administration Management Module	1 Paket
	6) Evaluation & Assignment Management Module	1 Paket
	7) Academic Activity Management Module	1 Paket
	8) Presence Management Module	1 Paket
	9) Certificate & Badges Management Module	1 Paket
	10) Information & Notification Management Module	1 Paket
	11) Academic Activity Reporting Module	1 Paket
	12) Education Journey Dashboard	1 Paket
	c. Academic Asset & Content Management Platform	
	1) Academic Assets Administration Module	1 Paket
	2) Academic Content Generator Module	1 Paket
	3) System User Management Module	1 Paket
	4) Filter & Search Engine Module	1 Paket
	5) Content Review & Performance Module	1 Paket
	6) Dashboard & Reporting of System Platform	1 Paket
	7) Multimedia Learning Material	62 Paket
	d. IT System Monitoring	1 Paket

Kepala Pusat Perhubungan TNI AD

~~Selaku~~

Pejabat Pembuat Komitmen,



Iroth Sonny Edhie
Mayor Jenderal TNI