

BIL	HURAIAN KERJA	UNIT	KUANTITI	KADAR	JUMLAH (RM)
	<p>KERJA-KERJA PEMASANGAN KELENGKAPAN BUILDING AUTOMATION SYSTEM (BAS)</p> <p>Network Hardware Equipment</p>				
A	<p>To design, supply and installation 5-Port 10/100M Ethernet Switch Complete With 5 x 10/100BaseT(X) Ports, Store & Forward, Redundant 24VDC Power Input & Relay Output Warning Alarm. (3OneData / IES318) of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</p>	Nos	1		
B	<p>To design, supply and installation Industrial Celular Module Router specification GPS+LTE/WCDMA WIFI ROUTER of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</p>	Nos	1		
C	<p>To design, supply and installation Simcard Telco 4G/5G with fixed IP for 24months with monthly unlimited data transfer subcription of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</p>	Lot	1		
D	<p>To design, supply and installation FMC Device and Cloud Service Subcription c/w 250 I/O, Alarm & 2D/3D Graphic Include Cloud Software of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</p>	Nos	1		
E	<p>To design, supply and installation IBMS FMCC Cloud WORKSPACE Aplication Software Allow Operator to Control, Monitor and Receive Log Data On FMCC App with 24 monthly subcription of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</p>	Nos	1		
JUMLAH DIBAWA KE HADAPAN (RM) :					

BIL	HURAIAN KERJA	UNIT	KUANTITI	KADAR	JUMLAH (RM)
	JUMLAH DIBAWA DARI BELAKANG (RM) :				
	KERJA-KERJA PEMASANGAN (Samb.)				
	Controller Hardware Equipment				
A	<i>To design, supply and installation HMI Graphics WEB Based Network Control Unit Complete With 32 Bits i.MX6 Quad Core 1 GHz CPU, 2 GB SDRAM, 8 GB eMMC Flash, 32 GB Storage Flash, 7" Capacitive Touch Screen LCD (800 x 480 Pixels), 1 x LCD Proximity Sensor, 1 x 2 Watt Speaker, 1 x 10/100 MBPS Ethernet Port, 3 x RS-485 LAN Port, Support up to 512 I/O Points, Support Up To 500 Realtime Graphics Screen With Up To 64 Real-Time Points On Each Graphics Screen, Support Standard Multi Protocols - BACnet & Modbus, Built-In Soft Ladder Logic Programming For Process Control, Support Unlimited Time Schdeule & Holiday Function Up To 5 Years In Advance, Support Trend (Real-Time & Historical) Logging And Storage Function (Log Sample Size Of 100,000 Samples For Each I/O Point), Support Real-Time Alarm Generation And Storage Function (Up To 100,000 Alarms History Event), Support E-mail, Telegram & SMS Based On Alarm / Change Of State Condition & 24VDC Power Supply Input. (Pegasus / GCU9002). Pegasus dan setaraf dengannya. Located at Control Room of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	1		
B	<i>To design, supply and installation Expansion Direct Digital Controller Complete With 2 x RS-485 LAN Port, 6 x UI, 6 x DI, 5 x AO, 6 x DO, Support up to 64 I/O Points/ & 24VDC Power Supply Input. (Pegasus / ECM6656150) (For AHU Control Panel) Pegasus dan setaraf dengannya of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	1		
JUMLAH DIBAWA KE HADAPAN (RM) :					

BIL	HURAIAN KERJA	UNIT	KUANTITI	KADAR	JUMLAH (RM)
	JUMLAH DIBAWA DARI BELAKANG (RM) :				
	KERJA-KERJA PEMASANGAN (Samb.)				
	Controller Hardware Equipment and Devices Sensors equipment. Model Pegasus dan setaraf dengannya				
A	<i>To design, supply and installation 24VDC Power Supply Unit (60 W) of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	3		
B	<i>To design, supply and installation Metal Enclosure Box (600 x 400 x 200 mm) complete ELCB,MCB, wiring internal and accessories of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	1		
C	<i>To design, supply and installation Duct Temperature Sensor. Supply & Return Duct (Pegasus / EPDT002000) of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	6		
JUMLAH DIBAWA KE HADAPAN (RM) :					

BIL	HURAIAN KERJA	UNIT	KUANTITI	KADAR	JUMLAH (RM)
	JUMLAH DIBAWA DARI BELAKANG (RM) :				
	KERJA-KERJA PEMASANGAN (Samb.)				
	Cabling, Installation & Termination Works Networking Equipment				
A	<i>To design, supply and installation cabling & Installation Works For Input / Output Points - Digital Output Points Using 2 x 1.5 mm sq PVC Cable Including Wiring Modification Works and Tagging of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	3		
B	<i>To design, supply and installation Cabling & Installation Works For Input / Output Points - Digital Input Points Using Screened Twisted Pair Cable Including Wiring Modification Works and Tagging of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	15		
C	<i>To design, supply and installation Cabling & Installation Works For Input / Output Points - Analogue Input Points Using Screened Twisted Pair Cable and Tagging of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	6		
D	<i>To design, supply and installation Cabling & Installation Works For Input / Output Points - Analogue Output Points Using Screened Twisted Pair Cable and Tagging of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Nos	3		
E	<i>To design, supply and installation Cabling & Installation Works For Ethernet Controller Using Cat 6 Cables and Tagging of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	3		
JUMLAH DIBAWA KE HADAPAN (RM) :					

Dokumen Meja Terkawal

KERJA-KERJA MENAIKTARAF SISTEM PENGHAWA DINGIN JENIS AIR COOLED DUCTED LENGKAP DENGAN BUILDING AUTOMATION SYSTEM SERTA KERJA-KERJA ELEKTRIK BERKAITAN DI DEWAN SERBAGUNA SS15, SUBANG JAYA BAGI MAJLIS BANDARAYA SUBANG JAYA

BIL	HURAIAN KERJA	UNIT	KUANTITI	KADAR	JUMLAH (RM)
	JUMLAH DIBAWA DARI BELAKANG (RM) :				
	KERJA-KERJA PEMASANGAN (Samb.)				
	Cabling, Installation & Termination Works Networking Equipment (samb.)				
A	<i>To design, supply and installation Cabling & Installation Works For RS-485 Controller Using Screened Twisted Pair Cable and Tagging For BMS Station Panel of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	6		
B	<i>To design, supply and installation Temp & Humidity Sensor Monitoring using 1x2 pair 24AWG Screened Twisted Pair Cable and Tagging For BMS Station Panel of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	6		
C	<i>To design, supply and installation 240VAC Power Supply Cabling For All BMS Panelsof Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	3		
JUMLAH DIBAWA KE HADAPAN (RM) :					

Dokumen Meja Terkawal

KERJA-KERJA MENAIKTARAF SISTEM PENGHAWA DINGIN JENIS AIR COOLED DUCTED LENGKAP DENGAN BUILDING AUTOMATION SYSTEM SERTA KERJA-KERJA ELEKTRIK BERKAITAN DI DEWAN SERBAGUNA SS15, SUBANG JAYA BAGI MAJLIS BANDARAYA SUBANG JAYA

BIL	HURAIAN KERJA	UNIT	KUANTITI	KADAR	JUMLAH (RM)
	JUMLAH DIBAWA DARI BELAKANG (RM) :				
	KERJA-KERJA PEMASANGAN (Samb.)				
	<i>Building Automation System (BAS) Testing, Programming & Commisioning Works</i>				
A	<i>Testing, programming & Commisioning Graphic Binding, Graphic Randering & Graphic Designs Programming provide by System Specialist of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	1		
B	<i>Testing, programming & Commisioning Low Level Interface Programming provide by System Specialist of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut</i>	Lot	1		
C	<i>Testing, programming & Commisioning Complete Operation & Maintenance Manual include QA/QC Documentation c/w Drawing BAS System all the necessaryof Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut</i>	Lot	1		
D	<i>Testing, programming & Commisioning System power up, Functional Performance Testing, Circuitry check and sequence of testing, Calibration of Equipment and User Acceptance Testof Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	1		
E	<i>Testing, programming & Commisioning Comprehensive Service Maintenance After Hand-Over include Site supervision and coordination with other services c/w Monthly Reports for 12 months of Building Automation System complete with software, digital circuit & diagram programme & schedule of system, programme logic control other necessary accessories dan lain-lain kerja yang berkaitan mengikut arahan P.P atau wakil P.P.</i>	Lot	1		
JUMLAH DIBAWA KE BORANG RINGKASAN SEBUT HARGA (RM) :					