



UMEDIC HEALTHCARE SDN BHD

Registration No. 200201030512 (598175-W)
(FORMERLY KNOWN AS UWC HEALTHCARE SDN BHD)
PMT 747, JALAN CASSIA SELATAN 5/2
TAMAN PERINDUSTRIAN BATU KAWAN
14110 BANDAR CASSIA PULAU PINANG.
Tel: 04-589 9676, Fax: 04-589 9677

PURCHASE ORDER

No. : HC200211

PENTECH SOLUTION SDN BHD
B-3-18, KRYSTAL POINT,
303 JALAN SULTAN AZLAN SHAH,
11900 SUNGAI NIBONG,
PENANG.

TEL : 04-640 5531

FAX : 04-640 5532

Attn:

Your Ref No. : PTS1909266R7

Terms : C.O.D.

Date : 07/02/2020

Delivery Date :

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No	Description	Qty	UOM	U/ Price RM	Disc.	Total RM
1.	UMEDIC NEW PLANT - BATU KAWAN	1		0.00000	0	0.00
SURVEILLANCE SYSTEMS - ANALOG						
2.	1. TO SUPPLY AND INSTALL COMPLETE CCTV 16C DIGITAL VIDEO RECORDER SYSTEM COMPLETE WITH 4TB HDD	2		3,100.00000		6,200.00
3.	2. TO SUPPLY AND INSTALL 4MP HDCVI WDR IR BULLET CAMERA WITH MOTORIZED LENS C/W 12V 2A ADAPTER	9		475.00000		4,275.00
4.	3. TO SUPPLY AND INSTALL 4MP HDCVI WDR IR MINI BULLET WITH FIXED LENS CAMERA C/W 12V 2A ADAPTER	2		345.00000		690.00
5.	4. TO SUPPLY AND INSTALL 4MP HDCVI WDR IR EYEBALL DOME CAMERA C/W 12V 2A ADAPTER 4 NOS LOCATED AT GF	7		485.00000		3,395.00
2 NOS LOCATED AT 1ST FLOOR						
6.	5. TO SUPPLY AND INSTALL 4MP HDCVI IR EYEBALL DOME CAMERA C/W 12V 2A ADAPTER	13		230.00000		2,990.00

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7.	6. 3"X3" FACEPLATE AND ACCESSORIES FOR C/W TERMINATION	30		52.00000		1,560.00
8.	7. BNC CONNECTOR FOR ALL CAMERA C/W 4"X4" PVC BOX	1		520.00000		520.00
9.	8. ALL CAMERA INSTALLATION, TESTING AND COMMISSIONING	1		2,875.00000		2,875.00
10.	9. DESKTOP SET FOR SECURITY MONITORING	1		2,950.00000		2,950.00
	3070MC-i5508G-256-W10-WF INTEL CORE i5-9500T (6 CORES/9MB/6T/2.2GHZ TO 3.7GHZ/35W) 8 GB 1X8GB DDR4 2666MHz NON-ECC M.2 256GB PCIe NVMe CLASS 35 SOLID STATE DRIVE WINDOWS 10 PRO (64BIT) ENGLISH 3YR PROSUPPORT AND NEXT BUSINESS DAY ONSITE SERVICES					
11.	10. SAMSUNG LED MONITOR 24" C/W 1.8 MTR HDMI CABLE	1		500.00000		500.00
	CARD ACCESS					
12.	1. MICROENGINE PROXIMITY DOOR ACCESS - DOUBLE LEAF DOOR	7		1,850.00000		12,950.00

- 1 NOS OF THE PROXIMITY ENTERANCE READER WITH BUILT-IN CONTROLLER
- 1 UNIT OF MAS-RBT RELAY BOARD



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	- 1 SET OF THE POWER SUPPLY WITH BACKUP BATTERY 7AH - 2 UNIT OF MAGNETIC LOCK WITH MAGNETIC CONTACT - 1 NOS OF OVERRIDE KEYSWITCH - 1 NOS OF EMERGENCY BREAK GLASS - 1 NOS OF EXIT READER					
13.	2. MICRO ENGINE PROXIMITY DOOR ACCESS - SINGLE LEAF DOOR	22		1,750.00000		38,500.00
	- 1 NOS OF THE PROXIMITY ENTRANCE READER WITH BUILD-IN CONTROLLER - 1 UNIT OF MAS-RBT RELAY BOARD - 1 SET OF THE POWER SUPPLY WITH BACKUP BATTERY 7AH - 1 UNIT OF 600-LED MAGNETIC LOCK - 1 NOS OF OVERRIDE KEYSWITCH - 1 NOS OF EMERGENCY BREAKGLASS - 1 NOS OF EXIT READER					
14.	3. PROXIMITY CARD FOR DOOR ACCESS USE - 250	1		1,050.00000		1,050.00
15.	4. TO SUPPLY AND INSTALL 5 METER PATCH CORD	28		63.00000		1,764.00
16.	5. 3"X3" FACEPLATE AND ACCESSORIES FOR C/W TERMINATION	28		52.00000		1,456.00
17.	6. PROFESSIONAL CHARGES FOR SETUP & INTALLATION WITH FOLLOWING SCOPE OF JOB	1		5,200.00000		5,200.00
	- EQUIPMENT SETUP FOR THE NETWORK DOOR ACCESS SYSTEM - USER TRAININGFOR THE NEW EQUIPMENT WITH TESTING COMMISSIONING					

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No	Description	Qty	UOM	U/ Price RM	Disc.	Total RM
18.	7. DESKTOP	1		2,650.00000		2,650.00

*3070MT-i3104G-1TB-W10**MINITOWER (MT)**INTEL @CORE TM i5-9100 (4CORES/6MB/4T/3.6Hz TO 4.2Hz/65W)**4GB 1X4GB DDR4 2666MHz UDIMM NON-ECC**3.5 INCH 1TB 7200RPM SATA HARD DISK DRIVE'**WINDOWS 10 PRO (64BIT) ENGLISH*

IP-PBX SYSTEM

19.	1. IP-PBX SYSTEM	1		11,500.00000		11,500.00
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- CONFIGURATION WITH 1 STACK OF CABINET C/W CPU & POWER SUPPLY
- BUILT-IN MUSIC ON HOLD FUNCTIONALITY
- 6 PORTS IN INCOMING TRUNK INTERFACE
- 32 PORTS OF HYBRID EXTENSION

2. SYSTEM FEATURES

- SYSTEM C/W 6CO & 32EXTENSION
MAXIMUM UPGRADABLE UP TO 36CO & 112EXTENSIONS
- SYSTEM BUILT-IN 4 INCH VOICE RESPOND SYSTEM & 2HRS VOICE MAIL RECORDING
STORAGE
- SYSTEM BUILT IN 8 VOIP CHANNEL
SYSTEM MAX 64 IP TRUNKS & 112 IP |SIP EXTENSIONS

20.	3. PACKAGE : NEC SL2100 12 KEYS DISPLAY CDEAKED PHONE	2				0.00
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21.	4. PACKAGE : NEC BASIC SINGLE LINE PHONE	26				0.00
22.	5. PROFESSIONAL CHARGES FOR SETUP PBX SYSTEM WITH FOLLOWING SCOPE JOB - DB BOX WITH DISCONNECTION MODULE - E-SITE JOB OF TERMINATION WITH MARKING FOR EACH EXTENSION CABLING - AMPHENOL CABLE FOR EXPANSION CARD LINKAGE PURPOSE - WORKMANSHIP & TESTING COMMISSIONING - NUMBERING LIST & CABLING JOB SHALL PROVIDE BY OWNER - TO SUPPLY TRACE AND LABEL EXISTING DB BOX MDF - EQUIPMENT SETUP FOR THE NEC CHASSIS WITH ALL THE INTERFACE CARD - SYSTEM CONFIGURATION WITH ACTIVATION OF ALL THE EXTENSION PORTS - SYSTEM PROGRAMMING ACCORDING TO OWNER REQUIREMENT - BACKUP FOR THE WHOLE SYSTEM CONFIGURATION - SYSTEM IMPLEMENT & TESTING COMMISSIONING UNTIL E-SITE MDF BY TALKCOM - PRICE CHARGE AS PER OCCASION ONLY - ANY VARIATION IN ORDER SHALL BE REQUESTED	1				0.00
23.	6. TO SUPPLY & LAY 2PAIRS TELEPHONE CABLING C/W HI-IMPACT UPVC CONDUIT 7. FACEPLATE AND ACCESSORIES	28				0.00
24.	8. TO LAY 10PAIRS TELEPHONE JELLY FILLED CABLE C/W BORH SIDE DB 9. (FOR GUARD HOUSE) - APPROX. 100 MTR	1				0.00

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25.	CABLING INFRASTRUCTURE	1		23,000.00000		23,000.00
26.	1. TO SUPPLY AND LAY CAT6 UTP CABLE FOR DATA & VOICE POINT C/W FACEPLATE AND ACCESSORIE	21				0.00
27.	2. TO SUPPLY AND LAY NETWORK CABLING (OUTDOOR) AT GUARD HOUSE	3				0.00
28.	3. 24 PORTS PATCH PANEL C/W CABLING MANAGEMENT	3				0.00
29.	4. 2M CAT6 PATCH CORD	65				0.00
30.	5. 3M CAT6 PATCH CORD	21				0.00
31.	6. 3"X3" FACEPLATE AND ACCESSORIES FOR C/W TERMINATION	21				0.00
	7. NOTE: FOR DATA POINT					
32.	8. 42U STANDING SERVER RACK LOCATED AT GF	2				0.00
33.	9. 15U WALL MOUNT RACK LOCATED AT 1ST FLOOR	1				0.00

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No	Description	Qty	UOM	U/ Price RM	Disc.	Total RM
34.	10. 6U WALL MOUNT RACK LOCATED AT GUARD GOUSE	1				0.00
35.	11. TO SUPPLY AND LAY CAT6 UTP CABLE FROM REDUNDANCY AS BACKBONE CABLE (APPROX 35MTR)	2				0.00
	(FROM UMEDIC SERVER TO 1ST FLOOR SERVER ROOM)					
36.	12. PROFESSIONAL CHARGES FOR MAKING, LABELING, TERMINATION, FIBER PIGTAIL & SPLICING JOB	1				0.00
	C/W TESTING COMMISSIONING					
	NETWORK EQUIPMENT					
	CORE SWITCH					
37.	1. ARUBA 2930F 24G 4SFP SWITCH	1		4,300.00000		4,300.00
	JL259A SERVER ROOM					
	DATA + AP + CARD ACCESS SWITCH'S					
38.	1. HPE 1920S 8G SWITCH	1		650.00000		650.00

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	JL380A GUARD HOUSE					
39.	2. HPE 1920S 24G 2SFP SWITCH	3		1,400.00000		4,200.00
	JL381A G-2 & 1ST-2					
	ACCESS POINT					
40.	1. ARUBA IAP-305 (RW) 802.11n/ac DUAL 2X2:2/3X3:3 MU-MIMO RADIO INTERGRATED ANTENNA	8		2,150.00000		17,200.00
	JX945A AP-220-MNT-W1W MOUNT BASIC WHITE KIT JW047A PD-3501G-AC 15.4W 802.3af POE 10/100/1000BASE-T ETHERNET MIDSPAN INJECTOR TOP SUPPLY AND LAY NETWORK CABLING FOR CCTV C/W CONNECTORS AND ACCESSORIES					
	FIREWALL					
41.	1. SOPHOS XG 135 UTM	1		14,450.00000		14,450.00
	SOPHOS XG 135 - IDENTITY-BASED SECURITY IN UTM C/W THREE (3) YEARS TOTAL PROTECT PLUS NETWORK PROTECTION, WEB AND APPLICATION PROTECTION, EMAIL PROTECTION, WAF SANDSTORM C/W THREE (3) YEARS SECURITY UPDATES & PATCHES					

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*C/W THREE (3) YEARS HARDWARE WARRANTY
C/W THREE (3) YEARS ADVANCE REPLACEMENT*

42.	2. PROFESSIONAL SERVICES CHARGES	1		8,000.00000		8,000.00
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*NETWORK REQUIREMENTS STUDY & DESIGN
PROOF OF CONCEPT FOR PROPOSED SOLUTION
PROJECT DEPLOYMENT PLANNING & SCHEDULLING
INSTALLATION AND CONFIGURATION OF HP CORE/DISTRIBUTION/ACCESS SWITCH
INSTALLATION AND CONFIGURATION VLAN BY DEPARTMENT
INSTALLATION & CONFIGURATION OF HP ARUBA WIRELESS AP
INSTALLATION & MOUNTING OF AP
PROJECT DEPLOYMENT BY HP & SOPHOS CERTIFIED ENGINEER
SYSTEM DOCUMENTATION AND USER MANUAL UPON PROJECT HANDOVER
PROVIDE AFTER SALES SUPPORT AND TECHNICAL CONSULTANCY
DURATION : 1 WEEK*

43.	3. PANTECH VALUE ADDED SERVICES	1				0.00
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*PROJECT DEPLOYMENT PLANNING & SCHEDULING
12 MONTH MAINTENANCE SERVICES SUPPORT FROM PENTECH
TECHNICAL HANDS ON TRAINING & KNOWLEDGE TRANSFER FOR ADMINISTRATOR
SYSTEM DOCUMENTATION AND USER MANUAL UPON PROJECT HANDOVER
REMOTE /ONSITE SUPPORT
SLA SUPPORT WITH 8X5*

REMARKS**QUOTE EXCLUDE 13AMP POWER SUPPLY POINT FOR ABOVE**

DISCOUNT		17825	-17,825.00
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RINGGIT MALAYSIA ONE HUNDRED FIFTY FIVE THOUSAND FOUR
HUNDRED EIGHTY ONLY

Total **155,480.00**

E & O.E

Authorised Signature