



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
শিক্ষা মন্ত্রণালয়  
মাধ্যমিক ও উচ্চ শিক্ষা বিভাগ  
মাধ্যমিক ও উচ্চ শিক্ষা অধিদপ্তর



সেকেন্ডারি এডুকেশন সেক্টর ইনভেস্টমেন্ট প্রোগ্রাম (SESIP)

স্মারক নং: মাউশি/সেসিপ/১-১০৭/মালামাল বিতরণ (পার্ট-০১)/২০১৪/৮০২

তারিখঃ ২৭/১২/২০২১খ্রি:

## বরাদ্দ পত্র

সেকেন্ডারি এডুকেশন সেক্টর ইনভেস্টমেন্ট প্রোগ্রাম (SESIP)-এর আওতায় RDPP Provision অনুযায়ী Tender Ref. No. DSHE/SESIP/SPSU/1-440/Network (GD-94)/2019/827; Date:02.02.2020 মোতাবেক সদ্য ক্রয়কৃত Establishment/upgradation of EMIS Server, Storage, Security, Network System and EMIS Infrastructure of DSHE এর নিম্নোক্ত মালামালসমূহ নিম্নবর্ণিত তালিকা ও পরিমাণ অনুযায়ী ইএমআইএস সেল, মাধ্যমিক ও উচ্চ শিক্ষা অধিদপ্তর-এর অনুকূলে বরাদ্দ প্রদান করা হলো:

### List of Equipment for Establishment/upgradation of EMIS Server, Storage, Security, Network System and EMIS Infrastructure of DSHE

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1	<b>FusionModule2000_42KW PAC_1 DC Modular Data Center</b>					
1.1	<b>Modular Data Center (Main Site)</b>	FusionModule 2000	Huawei	Set	1	
	Country of Origin: China					
	Country of Manufacture: China					
1.2	<b>FusionModule2000-Cabinet and Aisle System</b>					
1.3	<b>600 mm wide server cabinet, M-type</b>					
1.4	<b>Cabinet Components</b>					
1.5	M-type rack, 600 mm (W) x 1200 mm (D) x 2000 mm (H), 42 U	NetHos-M FR42612W	Huawei	No's	6	
1.6	Cabinet side panel,for 1200 mm deep and 2000 mm high cabinets,dedicated for M-type cabinets	IDS2SDPNL00	Huawei	No's	24	
1.7	<b>Equipment Installation Components</b>					
1.8	Light-load guide rail,bearing 50 kg,for 1200 mm deep cabinets and 1100 deep server cabinets,configured in pairs (each BOM number for one guide rail)	DKBA4150411 8	Huawei	No's	24	
1.9	Wind Management Components					
1.10	Blank panel,1U	DKBA.PRT-1U	Huawei	No's	240	
1.11	Fully-enclosed bottom plates for 600 mm wide cabinets, compatible with 1100 mm and 1200 mm deep cabinets, for M-type cabinets	IDS2BTPLAT0 2	Huawei	No's	6	
1.12	<b>Cable Management Components</b>					
1.13	Cable Manager, 1 U, horizontal cable routing	DKBA40702464	Huawei	No's	12	
1.14	Cable ring, standard, for M-type cabinets	IDS2CBLRNG01	Huawei	No's	36	
1.15	<b>Earthing &amp; Door Magnetic Components</b>					
1.16	Horizontal ground bar, for grounding customer equipment, 2 x M8, 19 x M8	IDSV2COPBA R0	Huawei	No's	6	
1.17	Power Cable 0.8m,6mm <sup>2</sup> ,yellow/green,(OT6- 8),227IEC02-6 <sup>2</sup> Y&G,(OT6-8)	PWERCABLE GR	Huawei	No's	6	

*(Handwritten signatures and marks)*

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.18	<b>Distribution line-Cable-Industrial connector-Mounting bracket Subassembly</b>					
1.19	Rack Power Distribution Unit,Basic Type-PDU2000-32-1PH-20/4-B9-20*C13+4*C19-Full height vertical-NO Industrial connector-Free mounting plate	PDU2000-32-1PH-20/4-B9	Huawei	No's	12	
1.20	<b>600 mm wide network cabinet, M-type</b>					
1.21	<b>Cabinet Components</b>					
1.22	M-type rack, 600 mm (W) x 1200 mm (D) x 2000 mm (H), 42 U	NetHos-M FR42612W	Huawei	No's	2	
1.23	Cabinet side panel,for 1200 mm deep and 2000 mm high cabinets,dedicated for M-type cabinets	IDS2SDPNL00	Huawei	No's	8	
1.24	Blank Label	DKBA8818960 3.PRT	Huawei	No's	2	
1.25	<b>Equipment Installation Components</b>					
1.26	Light-load guide rail,bearing 50 kg,for 1200 mm deep cabinets and 1100 deep server cabinets,configured in pairs (each BOM number for one guide rail)	DKBA4150411 8	Huawei	No's	8	
1.27	Fixed tray,1 U,bearing 100 kg,for 1200 mm deep cabinets and 1100 mm deep server cabinets	DKBA4127371 5	Huawei	No's	2	
1.28	<b>Wind Management Components</b>					
1.29	Blank panel,1U	DKBA.PRT-1U	Huawei	No's	84	
1.30	Fully-enclosed bottom plates for 600 mm wide cabinets, compatible with 1100 mm and 1200 mm deep cabinets, for M-type cabinets	IDS2BTPLAT0 2	Huawei	No's	2	
1.31	<b>Cable Management Components</b>					
1.32	Cable ring, standard, for M-type cabinets	IDS2CBLRNG 01	Huawei	No's	36	
1.33.	<b>Earthing &amp; Door Magnetic Components</b>					
1.34	Horizontal ground bar, for grounding customer equipment, 2 x M8, 19 x M8	IDSV2COPBA R0	Huawei	No's	2	
1.35	Power Cable,0.8m,6mm <sup>2</sup> ,yellow/green,(OT6-8),227IEC02-6 <sup>2</sup> Y&G,(OT6-8)	PWERCABLE GR	Huawei	No's	2	
1.36	<b>Distribution line-Cable-Industrial connector-Mounting bracket Subassembly</b>					
1.37	Rack Power Distribution Unit,Basic Type-PDU2000-32-1PH-20/4-B9-20*C13+4*C19-Full height vertical-NO Industrial connector-Free mounting plate	PDU2000-32-1PH-20/4-B9	Huawei	No's	4	
1.38	<b>Aisle Components</b>					
1.39	Control skylight, for 600 mm wide cabinets and 1200 mm wide aisle containments, dedicated for M-type cabinets	DKBA4150864 9.ASM	Huawei	No's	2	
1.4	600mm full glass skylight	DKBA4150865 4.ASM	Huawei	No's	4	
1.41	Double revolving doors, for 2000 mm high cabinets and 1200 mm wide aisle containments	DKBA41510811	Huawei	No's	2	
1.42	102 mm deep enclosure frame, for extending 1100 mm deep cabinets to 1200 mm deep, used together with integrated UPS cabinets, integrated PDCs, modular precision PDCs, or 600 mm wide air conditioners	IDS2TRAFRM00	Huawei	No's	2	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.43	Cable trough, for 600 mm wide cabinets, every two 600 mm wide cabinets configured with 1 PCS	Cable trough-600	Huawei	No's	6	
1.44	Installed PAD pieces of sheet metal plate,for mounting the pad and access controller	DKBA41511026	Huawei	No's	2	
1.45	Pad mounting support-for pad installation	DKBA4150733 1.ASM	Huawei	No's	1	
1.46	Primo Packing	MATERPRPA CK	Huawei	No's	1	
1.47	Side lower sealing plates for 2000 mm high cabinets,front and rear sealing plates and sealing plate on one side,for scenarios with a column,dedicated for M-type cabinets	IDSV2DKBM7	Huawei	No's	4	
1.48	Lower sealing plates for 2000 mm high cabinets,front and rear sealing plates,for 600 mm wide cabinets,1 PCS for every two cabinets,dedicated for M-type cabinets	IDS2CABCHA S0	Huawei	No's	4	
1.49	Enclosure plate at the top of a 600 mm wide cabinet-Used to seal the cable trough at the top of a 600 mm wide cabinet-Configure one PCS for every two cabinets	DKBA4150826 9	Huawei	No's	6	
1.5	RGB-LED light,220 - 240V,single phase,50Hz or 60Hz,supporting RGB colour mixture	LSRGB01	Huawei	No's	2	
1.51	Light System,LED ground lamp,220V-240V,single phase,50Hz,3600mW,Ground lamp,blue	IDS1LTSYST M12	Huawei	No's	1	
1.52	<b>FusionModule2000-Power Distribution System</b>				1	
1.53	<b>Integrated UPS,UPS5000-E-50-125kVA</b>					
1.54	Integrated UPS Cabinet, UPS5000-E-50K-HABBS, 380/400/415V, MCCB Input, Without Air-conditioning Distribution Module	UPS5000-E- 50K-HABBS	Huawei	No's	2	
1.55	24-way Three Phase Air Cooling Power Distribution Module,C63/3P*8,ABB	UPS5000-E-50- 125K- C63/3P*8,ABB	Huawei	No's	2	
1.56	Function Module,25kVA power module,2U,UPS5000-E	PM25K-V4S	Huawei	No's	4	
1.57	<b>Battery</b>					
1.58	Rechargeable Battery, VRLA Battery, 12V, 100Ah, 12V Monobloc, 330mm(W) * 174mm(D) * 222mm(H), 1 PCS, Shuangdeng 6-GFM-100, UPS Battery	BSD12V100A H02	Soto	No's	64	
1.59	<b>Battery Basic Cabinet-M model</b>					
1.6	Battery Basic Cabinet rack-600mm(W)*1200mm(D)*2000mm(H)	FR42612W	Huawei	No's	2	
1.61	battery cabinet attachment-T4-160A-Switch attachment-match for iBattery	IDST4-160A- Switch	Huawei	No's	2	
1.62	Battery Cabinet ibat module	IDSIBATTERBC	Huawei	No's	2	
1.63	Long-distance tripping module-T4/T5-breaker-220VDC-match for iBattery	IDST4/T5-220- Switch	Huawei	No's	2	
1.64	<b>Battery Auxiliary Cabinet-M model</b>					

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.65	Battery Auxiliary Cabinet rack - 600mm(W)*1200mm(D)*2000mm(H)	FR42612W	Huawei	No's	2	
1.66	<b>iBattery</b>					
1.67	Function Module-iBAT3.0_12V-Monitor Battery Internal resistance, Voltage, Post temperature-For 12V battery	iBAT-WB01S1	Huawei	No's	64	
1.68	Thermistor Assembly, 10000ohm, NTC, wire_mouting, 300m m	IDS2NTCTHT0 3	Huawei	No's	64	
1.69	Function Module-iBOX2.0-Intelligent Battery Monitor Module	iBOX-LB08B1	Huawei	No's	2	
1.7	<b>FusionModule2000- Air Conditioning System</b>					
1.71	<b>NetCol5000-A042/052</b>					
1.72	Smart Cooling Product, Air Cooling, Indoor Unit, NetCol5000- A050H, 2000H*600W*1200D, Horizontal Air Flow, Up&Down Pipe, Dual Power Supply, Heating&Humidifier, International packaging	NetCol5000- A050H4WE2	Huawei	No's	1	
1.73	Smart Cooling Product, Air Cooling, Indoor Unit, NetCol5000- A050H, 2000H*600W*1200D, Horizontal Air Flow, Up&Down Pipe, Dual Power Supply, Cooling Only, International packaging	NetCol5000- A050H40E2	Huawei	No's	1	
1.74	Smart Cooling Product, Air Cooling, Outdoor Unit, NetCol500- A060, 1107H*1356W*1094D, International packaging	NetCol500- A060MC1D0	Huawei	No's	2	
1.75	Smart Cooling Product Auxiliary Material, Copper Pipe Assembly, 7/8"(gas pipe)&5/8"(liquid pipe)*25m, Including Engineering Auxiliary Materials	52270386	Huawei	Lot	5	
1.76	<b>FusionModule2000-Monitor System</b>					
1.77	Ecc800-Pro -Controller- Support SMS - Dual power supply	ECC800-Pro	Huawei	No's	1	
1.78	Other Network Accessory-Smart ETH gateway- 48VDC-POE	UT-H606	Huawei	No's	4	
1.79	Assembly of the pad and WiFi converter, excluding the pad mounting bracket	FMTABLETC H	Huawei	No's	1	
1.8	Access Control System-Skylight Magnetic Lock -12VDC-8kg	EC8GF-HW2	Huawei	No's	3	
1.81	Skylight Actuator: POE	UT-H101A	Huawei	No's	1	
1.82	Lighting system, 220 - 240V, single phase, 50Hz, less than 12000mW	LSLZJ0206000 901	Huawei	No's	14	
1.83	Alternating current actuator -ZigBee, used for lighting, PAD power supply channel.	UT-H803	Huawei	No's	1	
1.84	Push Switch-SPDT-12VDC-1A-Panel Mounting-50mm-Square-Entrance guard switch	IDS2PSHBTN0 0	Huawei	No's	2	
1.85	Fingerprint/Password/Card access control system, applicable to double revolving doors	FMDBLDRK 2AC0106	Huawei	No's	2	
1.86	Sensor Signal Controller-Multi-function Sensor (Smoke /Temperature/humidity detection )- POE/Zigbee	GRS-RHSI	Huawei	No's	1	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.87	Sensor-Non positioning water immersion sensor-12VDC-NO/NC-Standard 5m immersion rope, maximum extension to 50m	33010352	Huawei	No's	2	
1.88	temperature and humidity sensor	EBTSensor005	Huawei	No's	2	
1.89	Wire Mount DKBA04804899_HW-WMT-12	IDSDKB04804899	Huawei	No's	40	
1.9	Buzzer-9-16VDC	HC-102(HW)	Huawei	No's	1	
1.91	<b>Subassembly - Accessories-FusionModule2000-Cabling System(Power Cable-Signal Power Cable)</b>	FusionModule2000-Cabling System	Huawei	Lot	1	
1.92	<b>Subassembly - Accessories-FusionModule2000-Power Cable</b>	FusionModule2000-Power Cable	Huawei			
1.93	<b>Subassembly - Accessories-FusionModule2000-Power Cable For UPS to Mains-(4x50+1x25)mm<sup>2</sup>-(4x95+1x50)mm<sup>2</sup>-(4x185+1x95)mm<sup>4</sup></b>	FusionModule2000-Power Cable For UPS	Huawei			
1.94	Electronic Electric Cable,600V/1000V,ZA-YJV,(4x95+1x50)mm <sup>2</sup> ,Black(4+1Cores:Yellow,Green,Red,Blue,Black),278A	C1095BL05	Huawei	Mtr	6	
1.95	Naked Crimping Terminal,DT,95mm <sup>2</sup> ,M12,320A,Tin Plating	DT0095M12R00	Huawei	Mtr	21	
1.96	Naked Crimping Terminal,DT,50mm <sup>2</sup> ,M12,200A,Tin Plating	DT0050M12R00	Huawei	Mtr	9	
1.97	<b>Subassembly - Accessories-FusionModule-Intelligent Busway Power Cable-70mm<sup>2</sup>/95mm<sup>2</sup></b>	FusionModule-Intelligent Busway Power Cable	Huawei			
1.98	Cable Bundle,FusionModule2000,Smart ETH gateway link cable,4.5m	IDS2CBLBDL07	Huawei	Mtr	2	
1.99	<b>Subassembly - Accessories-FusionModule2000-Battery Canbinet Cable-for 26AH/40AH/65AH/100AH--32~40pcs battery</b>	FusionModule2000-Battery Canbinet Cable	Huawei			
1.100	Cable Bundle,FusionModule2000,65AH/100AH-50mm <sup>2</sup> -32~40pcs battery-Match for 24022489(5min Discharge),24022490(5min Discharge),24021291(5min Discharge),with auxiliary cabinet	IDS2BATCBL E1	Huawei	Mtr	2	
1.101	<b>Subassembly - Accessories-FusionModule2000-Cable For UPS/PDU/Precision PDU to rPDU-3x6mm<sup>2</sup>-5x6mm<sup>2</sup></b>	FusionModule2000-Cable For UPS/PDU/Precision PDU	Huawei			
1.102	Power Cable,600V/1000V,ZA-RVV,3x6mm <sup>2</sup> ,Black(3Cores:Brown,Blue,Yellow/Green),46A,Outdoor Cable,CE (Unit:meter)	C3006BK01	Huawei	Mtr	145	
1.103	Common Terminal,Conductor Cross Section 6mm <sup>2</sup> ,Length 20mm,Insertion Depth 12mm,Black	CRDTER0006 BK	Huawei	Mtr	69	
1.104	Naked Crimping Terminal,OT,6mm <sup>2</sup> ,M6,Tin Plating,Insulated Ring Terminal,12~10AWG,yellow	XELEC BW07	Huawei	Mtr	37	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.105	<b>Subassembly - Accessories- FusionModule2000-Air Conditioner Power Cable(power cable-signal cable-standard network cable-Naked Crimping Terminal)</b>	FusionModule2 000-Air Conditioner Power Cable	Huawei			
1.106	Power Cable,600V/1000V,ZA- RVV,5x10mm <sup>2</sup> ,Black(5Cores:Red,Yellow,Gre en,Blue,Black),63A,Outdoor Cable,CE (Unit:meter)	C1010W501	Huawei	Mtr	42	
1.107	Common Terminal,Single Cord End Terminal,Conductor Cross Section 10mm <sup>2</sup> ,Length 22mm,Insertion Depth 12mm,Ivory	CRDTER0010 WH	Huawei	Mtr	17	
1.108	Naked Crimping Terminal,OT,10mm <sup>2</sup> ,M6,Tin Plating,Naked Ring Terminal	OT0010M6RO 00	Huawei	Mtr	33	
1.109	Power Cable,600V/1000V,ZA- RVV,5x2.5mm <sup>2</sup> ,Black(5Cores:Red,Yellow,Gr een,Blue,Black),27A,Outdoor Cable,CE (Unit:meter)	IDSPWRCBL0 02	Huawei	Mtr	100	
1.11	Power Cable,300V,SJTW,3x16AWG,Black(3Cores:Bl ack,White,Green),10A,Shielding Outdoor Cable,UL (Unit:meter)	CSJTWB000	Huawei	Mtr	100	
1.111	Common Terminal,Single Cord End Terminal,Conductor Cross Section 2.5mm <sup>2</sup> ,Insertion Depth 12mm,Blue	CT02P5MMD1 2	Huawei	mtr	21	
1.112	Naked Crimping Terminal,OT,2.5mm <sup>2</sup> ,M6,Tin Plating,Insulated Ring Terminal,16~14AWG,blue	OT2P50M6BL0 0	Huawei	mtr	9	
1.113	Common Terminal,Conductor Cross Section 1.5mm <sup>2</sup> ,Tin Plating,Insertion Depth 12mm,Black	CT1P50D12BK 0	Huawei	Mtr	17	
1.114	Common Terminal,Conductor Cross Section 1.5mm <sup>2</sup> ,Tin Plating,Insertion Depth 8mm,Red	CRDTER1P50 RD	Huawei	Mtr	6	
1.115	<b>Subassembly - Accessories- FusionModule2000-Grounding Cable- 6mm<sup>2</sup>~16mm<sup>2</sup></b>	FusionModule2 000-Grounding Cable	Huawei			
1.116	Power Cable,450V/750V,60227 IEC 02(RV),16mm <sup>2</sup> ,Yellow/Green,85A,CCC,CE (Unit:meter)	C1016YG00	Huawei	Mtr	42	
1.117	Naked Crimping Terminal,OT,16mm <sup>2</sup> ,M8,Tin Plating,Naked Ring Terminal	OT0016M8RO 00	Huawei	Mtr	33	
1.118	Power Cable,0.8m,6mm <sup>2</sup> ,yellow/green,(OT6- 6),(227IEC02-6 <sup>2</sup> G&Y),(OT6-6)	IDS2PWRCBL 06	Huawei	Mtr	2	
1.119	<b>Subassembly - Accessories- FusionModule2000-L1 Power Cable</b>	FusionModule2 000-L1 Power Cable	Huawei			
1.120	Wiring harness-FusionModule2000-L1 layer power supply	Cable Bundle- 04095459	Huawei	Mtr	1	
1.121	<b>Subassembly - Accessories- FusionModule2000-Climate Light Cable</b>	FusionModule2 000-Climate Light Cable	Huawei			
1.122	FM2000 Ambient Light power supply	Cable Bundle- 04095566	Huawei	Mtr	1	

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S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.123	<b>Subassembly - Accessories- FusionModule2000-Signal Power Cable(System monitoring cable-Site Materials)</b>	FusionModule2 000-Signal Power Cable	Huawei			
1.124	<b>Subassembly   Accessories,FusionModule2000,System monitoring cable(Smart ETH gateway link- Smoke sensor- H&amp;T Sensor-Network Interface Connector)</b>	FusionModule2 000,System monitoring cable	Huawei			
1.125	Signal Cable,standard network cable,3m,(MP8- I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL0 1	Huawei	No's	3	
1.126	Signal Cable,standard network cable,5m,(MP8- I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL0 2	Huawei	No's	6	
1.127	Signal Cable,standard network cable,19m,(MP8- I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL3 M0	Huawei	No's	1	
1.128	Cable Bundle,FusionModule2000,system basic monitor cable,Power supply	IDS2CBLBDL2 0	Huawei	No's	1	
1.129	Signal Cable,Shielded Straight Through Cable,10m,MP8-II,CC4P0.5GY(S),MP8-II,FTP	QWMC0000FE 00	Huawei	No's	2	
1.130	<b>Subassembly   Accessories,FusionModule2000,System monitoring cable(Smart ETH gateway link- Smoke sensor- H&amp;T Sensor-Network Interface Connector)</b>	FusionModule2 000 System monitoring cable	Huawei			
1.131	Signal Cable,standard network cable,5m,(MP8- I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL0 2	Huawei	No's	3	
1.132	Signal Cable,standard network cable,3m,(MP8- I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL0 1	Huawei	No's	8	
1.133	Cable Bundle,FusionModule2000,electric sunroof lock link cable	IDS2CBLBDL3 5	Huawei	No's	2	
1.134	Cable Bundle,FusionModule2000,Access controller basic system cable	IDS2CBLBDL3 4	Huawei	No's	2	
1.135	Cable Bundle-FusionModule-PAD charge socket power cable	IDS2CBLBDL3 3	Huawei	No's	1	
1.136	Cable Bundle,FusionModule2000,lighting system cable	FM2000LSC00	Huawei	No's	1	
1.137	Signal Cable,standard network cable,19m,(MP8- I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL3 M0	Huawei	No's	2	
1.138	Monitor&Alarm Cable,BCB/CIM cable,4.5m,/(4*CC2P0.48B(S)),/Power supply	IDS2MONCBL 06	Huawei	No's	2	
1.139	Monitor&Alarm Cable,BCB/CIM signal cable,7m,/,CC2P0.48B(S),/Power supply	IDS2MONCBL 07	Huawei	No's	1	
1.140	<b>Subassembly - Accessories- FusionModule2000-AC power cable(for China-Korea-Australia-Japan-North America- Europe-1.5m~3m)</b>	FusionModule2 000-AC power cable				
1.141	Power Cords Cable,China AC Power 250V10A,1.5m,C14SM,227IEC53(RVV)1.0mm ^2(3C),C13SF,PDU Cable	IDS2PWRCBL 00	Huawei	Mtr	2	
1.142	FusionModule2000 Materials Kit	IDSSAUXPAC K00	Huawei	Lot	1	
1.153	<b>iManager NetEco For Data Center V600R009 (Smart Devices:32) V600R009_1 DC Modular Data Center</b>	V600R009	Huawei			
1.154	<b>Data Center Infrastructure Management System</b>	Huawei	Huawei	No's	1	
1.155	<b>Hardware</b>	Huawei	Huawei			

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.156	<b>IT Auxilliary Equipment</b>	Huawei	Huawei			
1.157	NetEco6000 Management System Server,English Basic Edition,With OS and DB,Double Power	K21R-02-2180-002	Huawei	No's	1	
1.158	<b>Network Equipment</b>					
1.159	Network Equipment,Modem,Alarm SMS messages,GSM(GSM 900/1800Mhz,With 3M Antenna,Power Connector)	Modem-TD-8013	Huawei	No's	1	
1.160	Network Equipment,Switch,S5720-28X-PWR-SI(24 Ethernet 10/100/1000 PoE+ ports,4 of which are dual-purpose 10/100/1000 or SFP,4 10 Gig SFP+,with 2 AC power)	S5720-28X-PWR-SI	Huawei	No's	1	
1.161	<b>Collector</b>					
1.162	ECC800-Pr	ECC800-Pro	Huawei	No's	1	
1.163	<b>Video System</b>					
1.164	IPC6325-WD-VR 2MP WDR Network IR Dome Camera(f=2.8-12mm,FE,DC/AC/POE,IR 30m,IP66,IK10)	IPC6325-WD-VR	Huawei	No's	4	
1.165	IPC6225-VRZ 2MP Network IR Bullet Camera(60fps,2.8-12mm,FE,IR 50m),With Junction box for bullet camera	IPC6225-VRZ	Huawei	No's	8	
1.166	VCN520-32(4 bays,32 channel access,Single Power 150W),Without HardDisk	VCN520-32	Huawei	No's	1	
1.167	8TB VCN500 Series Enterprise-level HardDisk Unit(3.5")	VCN500-DSK-E8T	Huawei	No's	3	
1.168	<b>Sensor</b>					
1.169	Sensor-Smoke Sensor-12VDC-NO/NC	33010311	Huawei	No's	2	
1.170	Sensor-Non positioning water immersion sensor-12VDC-NO/NC-Standard 5m immersion rope, maximum extension to 50m	33010352	Huawei	No's	1	
1.171	Sensor-Temperature&Humidity Sensor-LED Display-12VDC-RS487	33010346	Huawei	No's	2	
1.172	<b>Energy Auxiliary</b>					
1.173	Power Cords Cable,China AC Power 250V10A,1.5m,C14SM,227IEC53(RVV)1.0mm <sup>2</sup> (3C),C13SF,PDU Cable	IDS2PWRCBL00	Huawei	No's	7	
1.174	Twisted-Pair Cable,100ohm,Category 5e UTP,0.51mm,24AWG,8Cores,PANTONE 430U,Use with Plug:14080082	C0000FE00	Huawei	Box	300	
1.175	Common Terminal,Single Cord End Terminal,Conductor Cross Section 0.25mm <sup>2</sup> ,Length 12mm,Insertion Depth 6mm,Light blue	CRDTER0P25BL	Huawei	Mtr	11	
1.176	Network Interface Connector,8Bit 8Pin,Crystal Plug,Matching 25050014	Connector	Huawei	No's	11	
1.177	Power Connector,2Pin,220V,30A,Straight Female,2.5mm <sup>2</sup> -4mm <sup>2</sup> without crimping terminal/1mm <sup>2</sup> -1.5mm <sup>2</sup> with crimping terminal,Easy Power Connector	NC2P30A01	Huawei	No's	4	
1.178	Common Terminal,Conductor Cross Section 1.5mm <sup>2</sup> ,Tin Plating,Insertion Depth 12mm,Black	CT1P50D12BK0	Huawei	No's	8	



S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
1.179	<b>Software</b>					
1.180	<b>Basic Software</b>					
1.181	Basic Software-Integrated Management Platform-License-Including 50pcs Smart Nodes Access	WM5BSCSOF T6	Huawei	No's	1	
1.182	3D Visualization Platform (Small and Medium DC Scenarios)	UINNOVA02	Huawei	No's	1	
1.183	<b>Optional Software</b>					
1.184	Optional Software-Energy Efficiency Management-License	IDMSENEFFI0 0	Huawei	No's	1	
1.185	Optional Software-Work Order Management-License	IDMSWRKFL O00	Huawei	No's	1	
1.186	Optional Software-Mobile Application-License	WM5SMBIAP P00	Huawei	No's	1	
1.187	Optional Software-3D View license	LWM5MSH05	Huawei	No's	1	
1.188	Asset Management 50 Rack license	WM5S00ASS M00	Huawei	No's	1	
1.189	Capacity Management 50 Rack license	WM5S00CAP M00	Huawei	No's	1	
1.190	<b>Northbound Interface</b>					
1.191	Software Interface-Northbound Interface-License-SNMP	IDMSSNMPFU N0	Huawei	No's	1	
2	<b>FusionModule800_2 DR Modular Data Center</b>	FusionModule8 00	Huawei			
2.1	<b>FusionModule800-Modularity-Mini Indoor Data Center</b>	FusionModule8 00	Huawei	No's	1	
2.2	<b>FusionModule800-Electromechanical Package Of Typical Configuration</b>	FusionModule8 00	Huawei	No's	1	
2.3	FusionModule800-Basic configuration BC2-IT8.5kW-UPS10K+10K-Intelligent temperature control*2-ECC800-Pro-PAD-Smoke sensor	BC2-8.5kW	Huawei	No's	1	
2.4	<b>FusionModule800-Cabinet System of Typical Configuration</b>	FusionModule8 00-Cabinet System	Huawei			
2.5	Rack Power Distribution Unit,Basic Type-PDU2000-32-1PH-20/4-B9-20*C13+4*C19-Full height vertical-NO Industrial connector-Free mounting plate	PDU2000-32- 1PH-20/4-B9	Huawei	No's	2	
2.6	M-type Rack,600mm(W)*1350mm(D)*2000mm(H),42 U,with elastic front door,no side panel,with bottom plate,the front door is glass door	FR426138W	Huawei	No's	1	
2.7	<b>FusionModule800-Monitor System Of Typical Configuration</b>					
2.8	Sensor-Non positioning water immersion sensor-12VDC-NO/NC-Standard 5m immersion rope, maximum extension to 50m	33010352	Huawei	No's	1	
2.9	Sensor-NTC Temperature Sensor - -20-70degC- +/-1degC(25degC)	33010348	Huawei	No's	2	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
2.10	Subassembly / Accessories,FusionModule800,Extension Package Video Camera,FE/DC12V/POE- NVR,7d<Storage time<=30d	FEDC12VNVR	Huawei	No's	1	
2.11	<b>FusionModule800-Survey Accessories Of Typical Configuration</b>					
2.12	Air conditioning accessories - precision air conditioning installation accessories - (brass, elbows, heat preservation tube, etc.) -5/8 "and 3/8" brass, 25m configuration, applicable to 52272210 52272213	BRACNDPRE1	Huawei	No's	5	
2.13	Smart Cooling Product Auxiliary Material,Refrigerant,R410A,11.3kg/pcs	52270383	Huawei	No's	1	
2.14	Power Cable,300V,SJTW,3x16AWG,Black(3Cores:Bl ack,White,Green),10A,Shielding Outdoor Cable,UL (Unit:meter)	CSJTWB000	Huawei	Mtr	106	
2.15	Power Cable,600V/1000V,ZA- RVV,3x6mm^2,Black(3Cores:Brown,Blue,Yell ow/Green),46A,Outdoor Cable,CE (Unit:meter)	C3006BK01	Huawei	Mtr	106	
2.16	Air Conditioner Auxiliary Material,FusionModule800cabinet air- conditioning copper tubing-set of two downflow_5/8"(air tube)&3/8"(liquid)x2M_(includ Engineering accessories)	BRACNDPKA	Huawei	No's	1	
2.17	Smart Cooling Product,Air Cooling,Outdoor Unit,NetCol500- A018,966H*1057W*339D,International packaging	NetCol500- A018WC1E0	Huawei	No's	2	
2.18	<b>FusionModule800-Reserve Battery System Of Typical Configuration</b>					
2.19	<b>Battery Basic Cabinet-M model</b>					
2.20	FusionModule800-T1 MCCB-110V-For iBattery	SWSUBT11	Huawei	No's	2	
2.21	Battery Basic Cabinet rack- 600mm(W)*1350mm(D)*2000mm(H)	FR426135W	Huawei	No's	1	
2.22	<b>Battery</b>					
2.23	Rechargeable Battery, VRLA Battery, 12V, 40Ah, 12V Monobloc, 197mm(W) * 165mm(D) * 172mm(H), 1 PCS, Shuangdeng 6-GFM-40, UPS Battery	BSD12V40AH 01	Huawei	No's	32	
2.24	<b>iBattery</b>					
2.25	NTC,10000ohm,NTC,wire_mouting(M6),300 mm	IDS2NTCTHT0 0	Huawei	No's	32	
2.26	Function Module-iBOX2.0-Intelligent Battery Monitor Module	iBOX-LB08B1	Huawei	No's	2	
2.27	Function Module-iBAT3.0_12V-Monitor Battery Internal resistance,Voltage,Post temperature-For 12V battery	iBAT-WB01S1	Huawei	No's	32	
2.28	<b>FusionModule800-Public Cable Of Typical Configuration</b>					
2.29	Cable Bundle,FusionModule800,26AH/40AH 20 battery without midline,For Battery cabinet	CABBUN20B	Huawei	No's	2	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
2.30	Power Cable,5.5m,6*12AWG,RED,BLACK,YELLOW &GREEN,(2*PP45R+2*PP45B+2*PP45Y&G),(RVV4^2(3C)Black),(3*(OT10-6)),10k UPS to Battery Cabinet	DCRVV3C04m m001	Huawei	Mtr	2	
2.31	Power Cable, UL1015, 6AWG, 600V, 90A, Yellow/Green	EECABYG6	Huawei	Mtr	4	
2.32	Power Cable,3m,3*6mm^2,Brown,Blue, Yellow/Green,(3*T6^2B),(RVV6^2(3C)B),(2*T6^2B+OT6-6),rPDU power supply	ACRVV3C06m m002	Huawei	Mtr	2	
2.33	Power Cable,600V/1000V,ZA-YJV,5x10mm^2,Black(5Cores:Yellow,Green,Red,Blue,Black),80A,CE (Unit:meter)	C1024BL00	Huawei	Mtr	50	
2.34	Signal Cable,standard network cable,5m,(MP8-I),(CC4P0.5GY),(MP8-I),Power supply	IDS2SIGCBL0 2	Huawei	No's	9	
2.35	Signal Cable,UTP Straight Through Cable,7m,(MP8-I),(CC4P0.5P430U),(MP8-I)	CAB-Straight Through-7	Huawei	No's	3	
2.36	<b>FusionModule800 Solution Implementation Service</b>					
2.37	Modular DC Solution Implementation Service_DR Modular Data Center Service (FusionModule800(two air conditioners)implementation-/pcs)	8814060171	Huawei	No's	1	
3	<b>Structure Cabling</b>					
	Country of Origin: USA					
	Country of manufacture: India					
3.1	CAT6 UTP CABLE	CS37Z3	CommS cope	Box	96	
3.2	CAT6 UTP Modular Jack Outlet	1375055	CommS cope	No's	1586	
3.3	CAT6 UTP JACK PANELS 24 PORT	760237040 + 1375187-x	CommS cope	No's	64	
3.4	Cat 6 UTP Patch Cord 1 Meter	NPC06UZDB- xxx	CommS cope	No's	340	
3.5	Cat 6 UTP Patch Cord 2 Meter	NPC06UZDB- xxx	CommS cope	No's	670	
3.6	Cat 6 UTP Patch Cord 3 Meter	NPC06UZDB- xxx	CommS cope	No's	520	
3.7	Cat 6 UTP Patch Cord 5 Meter	5	CommS cope	No's	150	
3.8	Duel Port Face Plate with Cat 6 RJ-45 Module	235001-2	CommS cope	No's	410	
3.10	Ceiling connectors – CAT6 / 6A	760234921	CommS cope	No's	80	
3.11	12/6 Fiber outdoor armored SM cable, OS2	21211xx-4	CommS cope	Meter	400	
3.12	Fiber LIU Rack-mountable, 1U fully loaded, SM- 24 Port	3-2122146-3	CommS cope	Set	2	
3.13	Fiber LIU Rack-mountable, 1U fully loaded, SM-72 Port	3-2122146-5	CommS cope	Set	2	

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S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
3.14	LC-LC Patch Cord SM 2 Meter	FFWLCLC42- JXxxx	CommS cope	No's	40	
3.15	LC-LC Patch Cord SM 3 Meter	FFWLCLC42- JXxxx	CommS cope	No's	40	
3.16	LC-LC Patch Cord SM 5 Meter	FFWLCLC42- JXxxx	CommS cope	No's	20	
3.17	LC-LC Patch Cord SM 10 Meter	FFWLCLC42- JXxxx	CommS cope	No's	20	
3.18	Pre-Terminated 12 F SM Fan Out Cable LC-LC 20 Meter	FNWLCLCAD	CommS cope	No's	2	
3.19	Pre-Terminated 12 F SM Fan Out Cable LC-LC 15 Meter	FNWLCLCAD	CommS cope	No's	2	
3.20	Pre-Terminated 12 F SM Fan Out Cable LC-LC 10 Meter	FNWLCLCAD	CommS cope	No's	2	
3.21	6 Core Multi Mode Outdoor Armoured Fiber, OM3	21211xx-3	CommS cope	Meter	800	
3.22	12 Core Multi Mode Outdoor Armoured Fiber, OM3	21211xx-4	CommS cope	Meter	1200	
3.23	Fiber LIU Rack-mountable, 1U fully loaded, MM-48 Port	3-2122146-3	CommS cope	Set	12	
3.24	Fiber LIU Rack-mountable, 1U fully loaded, MM-24 Port	(3-2122146-5)	CommS cope	Set	32	
3.25	Fiber Patch Cord LC-LC OM3 2 Meter	FFXLCLC43	CommS cope	No's	170	
3.26	Fiber Patch Cord LC-LC OM3 3 Meter	FFXLCLC44	CommS cope	No's	240	
3.27	Fiber Patch Cord LC-LC OM3 5 Meter	FFXLCLC45	CommS cope	No's	100	
3.28	Fiber Patch Cord LC-LC OM3 10 Meter	FFXLCLC46	CommS cope	No's	600	
3.29	Pre-Terminated 12 F MM Fan Out Cable LC-LC 20 Meter	FNXLCLCAD	CommS cope	No's	16	
3.30	Pre-Terminated 12 F MM Fan Out Cable LC-LC 15 Meter	FNXLCLCAD	CommS cope	No's	10	
3.31	Pre-Terminated 12 F MM Fan Out Cable LC-LC 10 Meter	FNXLCLCAD	CommS cope	No's	6	
3.32	HORIZONTAL CABLE MANAGER	CommScope HCM	CommS cope	No's	158	
3.33	42U Rack Open Rack	N/A	Pushi	No's	1	
3.34	22U Wallmount Rack	N/A	Pushi	No's	3	
3.35	18 U Wallmount Rack	N/A	Pushi	No's	12	
3.36	15 U Wallmount Rack	N/A	Pushi	No's	9	
4	<b>Access-control-system</b>					
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
4.1	Stand Alone Network Access door Controller	Vertx 2000	HID	Set	6	
4.2	PoE Door Access Control (RFID+ Finger+ PIN)	RKLB40( 928NFNTEK00 0TE)	HID Bioclass	Set	12	
4.3	PoE Exit Door Control (RFID+Finger+PIN)	HID RB25F	HID	Set	12	
4.4	Access Control and Time Attendance Management System -Windows Base	HID NAS OEM	HID	Set	1	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
4.5	RFID Card	N/A	HID	Pcs	50	
4.6	Exit Push Button	N/A	N/A	Set	12	
4.7	Electromagnetic Lock-Single Door	N/A	N/A	Set	12	
4.8	Electromagnetic Lock-Double Door	N/A	N/A	Set	5	
4.9	U' bracket for glass door	N/A	N/A	Set	17	
4.10	LZ' bracket	N/A	N/A	Set	17	
5.1	<b>Core-firewall</b>	XG45T2HEUK (XG 450)	SOPHO S	No's	2	
	<b>Country of Origin: UK</b>					
	<b>Country of manufacture: Taiwan</b>					
5.2	2 port 10GbE SFP+ FleXi Port module (for SG/XG 2xx/3xx/4xx only)	SGIZTCHF2	SOPHO S	No's	2	
5.3	Dual Rate 10GBase-SR 10GbE Fiber Transceiver (GBIC), for UTM/SG/XG SFP+ ports	ITFZTCHXF	SOPHO S	No's	8	
5.4	XG 450 FullGuard Plus with Enhanced Support - 36 MOS	XF453CSES	SOPHO S	No's	1	
6	<b>Endpoint Protection with EDR</b>	CAEI3GSAA	SOPHO S	User	250	
	<b>Country of Origin: UK</b>					
	<b>Country of Manufacture: USA</b>					
	Central Intercept X Advanced with EDR - 200-499 USERS - 36 MOS - GOV					
	Professional Services (Central) - per day (8 hr) remote	PCRZTCCAA	SOPHO S	No's	1	
7	<b>Access Point</b>	APX 530/A530TCH NE	SOPHO S	No's	30	
	<b>Country of Origin: UK</b>					
	N/A					
7.1	Sophos APX Mounting bracket kit for plenum & flat ceiling mount (for APX 320, 530, 740 only)	APXZTCHCB	SOPHO S		30	
8	<b>vulnerability-management-tools</b>	Holm Security VMP (N/A)	Holm Security	No's	16	
	<b>Country of Origin: Sweden</b>					
	<b>Country of manufacture: Sweden</b>					
	Holm Security VMP, Network scanning with 3 years validity including standard support					
9	<b>core-router</b>	NE05E-SQ V300R005 (02350WSG)	Huawei	No's	2	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
9.1	NE05E-SQ - 2 channels AC entries, with 4*10GE(o), 8*10GE/GE/FE(o), 8*GE/FE(o), 8*GE/FE(e)	02350WSG(NE CMHSTB0200)	Huawei	No's	2	
9.2	Optical Transceiver (SFP+,850nm,10Gb/s,-7.3~-1dBm,-9.9dBm,LC, MM,0.3km)	S4017482 (OSX040N03)	Huawei	No's	10	
9.3	Patch cord-LC/PC-LC/PC-Multimode -A1b-2mm-10m-PVC-Orange	14130222 (SS- OP-D-LC-M- 10)	Huawei	No's	20	
9.4	Signal Cable,0.3m,MP8-II,CC4P0.5GY(S), MP8(S)-III,ATN Serial adapter cable	4070730 (CSPC00301)	Huawei	No's	2	
9.5	NE05E-SQ V300R005 Enterprise Software package	NECS00V3R50 0 (88035KBL)	Huawei	No's	2	
10	<b>Core Switch</b>	CE8861-4C-EI (02351SGY)	Huawei	No's	2	
	<b>Country of Origin: China</b>					

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
	<b>Country of Manufacture: China</b>					
10.1	CE8861-4C-EI Mainframe(With 4 Subcard Slots,2*AC Power Module,2*FAN Box,Port-side Intake)	02351SGY (CE8861-4C-EI-B)	Huawei	No's	2	
10.2	CE8860:24 Port 25GE SFP28 and 2 Port 100GE QSFP28 Interface Card	03023CRM (CE88-D24S2CQ)	Huawei	No's	2	
10.3	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)	02310MNW (SFP-10G-USR)	Huawei	No's	22	
10.4	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)	02310QDJ (SFP-10G-LR)	Huawei	No's	8	
10.5	CE8800 Function License Bundle 3	CE88-LIC-BUN01 (88033DNM)	Huawei	No's	2	
11	<b>DMZ Switch</b>	CE6881-48S6CQ (02352QGG)	Huawei	No's	2	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
11.1	CE6881-48S6CQ-B switch (48*10G SFP+, 6*100G QSFP28, 2*AC power modules, 4*fan modules, port-side intake)	02352QGG (CE6881-48S6CQ-B)	Huawei	No's	2	
11.2	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)	2314171 (SFP-1000BaseT)	Huawei	No's	48	
11.3	10GBase-USR Optical Transceiver,SFP+,10G, Multi-mode Module(850nm,0.1km,LC)	02310MNW (SFP-10G-USR)	Huawei	No's	16	
11.4	Patch Cord,LC/PC,LC/PC,Multi-mode,GJFJH-A1a(OM3,bending insensitive),2mm,10m,LSZH	14131650 (SS-OP-LC/LC-M-10)	Huawei	No's	32	
11.5	N1-CloudFabric Management SW License for CloudEngine 6802	N1-CE68LIC-CFMM (88035UPQ)	Huawei	No's	2	
11.6	N1-CloudFabric Management SW License for CloudEngine 6800 -SnS-1 Year	N1-CE68CFMM-SnS1Y (88060QCW)	Huawei	No's	6	
12	<b>Server-farm-firewall</b>	XG 330 (XG33T2HEUK)	SOPHOS	No's	2	
	<b>Country of Origin: UK</b>					
	N/A					
12.1	XG 330 rev. 2 Security Appliance - EU/UK power cord	XG33T2HEUK	SOPHOS	No's	2	
12.2	2 port 10GbE SFP+ FleXi Port module (for SG/XG 2xx/3xx/4xx only)	SGIZTCHF2	SOPHOS	No's	2	
12.3	Dual Rate 10GBase-SR 10GbE Fiber Transceiver (GBIC), for UTM/SG/XG SFP+ ports	ITFZTCHXF	SOPHOS	No's	8	
12.4	1000Base-SX Fiber Transceiver (GBIC) - for UTM/SG/XG SFP ports	ITFZTCHSX	SOPHOS	No's	4	
12.5	XG 330 EnterpriseGuard Plus with Enhanced Support - 36 MOS	NS333CSEA	SOPHOS	No's	1	
13	<b>Server-farm-switch</b>	CE6881-48S6CQ (02352QGG)	Huawei	No's	3	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
13.1	CE6881-48S6CQ-B switch (48*10G SFP+, 6*100G QSFP28, 2*AC power modules, 4*fan modules, port-side intake)	02352QGG (CE6881-48S6CQ-B)	Huawei	No's	3	
13.2	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)	2314171 (SFP-1000BaseT)	Huawei	No's	48	
13.3	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)	02310MNW (SFP-10G-USR)	Huawei	No's	72	
13.4	Patch Cord,LC/PC,LC/PC,Multi-mode,GJFJH-A1a(OM3,bending insensitive),2mm,10m,LSZH	14131650 (SS-OP-LC/LC-M-10)	Huawei	No's	144	
13.5	N1-CloudFabric Management SW License for CloudEngine 6802	N1-CE68LIC-CFMM (88035UPQ)	Huawei	No's	3	
13.6	N1-CloudFabric Management SW License for CloudEngine 6800 -SnS-1 Year	N1-CE68CFMM-SnS1Y (88060QCW)	Huawei	No's	9	
13.7	CE6881-48S6CQ-B switch (48*10G SFP+, 6*100G QSFP28, 2*AC power modules, 4*fan modules, port-side intake)_Hi-Care Basic CE6881-48S6CQ_36Month(s)	02352QGG_88 134UFA-4C3_36 (88134UFA-4C3)	Huawei	No's	3	
14	<b>Hyper Converged Systems</b>	H615C-97031-P (H610S-1-P)	NetApp	No's	2	
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
14.1	SOLIDFIRE,960GB,12 DRIVES,NODE,-P	H610S-1-P	NetApp	No's	4	
14.2	Switch,Mellanox SN2010	MSN2010-CB2F	NetApp	No's	2	
14.3	Rail Kit,4Post,Rnd/Sq-Hole,24-32,Side-by-Side	MTEF-KIT-D	NetApp	No's	1	
14.4	Cable,25Gb,Copper,SFP28-SFP28,1m	MCP2M00-A001E30N	NetApp	No's	16	
14.5	Cable,100Gb,Copper,QSFP-QSFP,0.5m	MCP1600-C00AE30N	NetApp	No's	2	
14.6	Cable,Ethernet,1m RJ45 CAT6	X6584-R6	NetApp	No's	8	
14.7	SFP Optical,1GbE Base-T,RJ45	MC3208411-T	NetApp	No's	8	
14.8	CompNode,2xCLX6252,48C,2.1GHz,768G,1U,-P	H615C-97031-P	NetApp	No's	3	
Software	SW,SolidFire,H610S-3	SW-H610S-1	NetApp	No's	4	
Software	Service,Mellanox,Premium,5Yr,Gold	SVCVN-MELL-SN2010-5G	NetApp	No's	2	
Software	SW Support,Cloud Volumes,OTS,Premium, SW-CLOUDVOL-M300-PREM (Message: SSP For: SW-CLOUDVOL-M300-PREMIUM); Promo Message: PRM-CVS-ONTAP-SELECT; 36 Months	SW-SSP-CLOUDVOL-M300-PREM	NetApp	No's	800	
Software	PS Deployment,HCI	PS-DEPLOY-HCI	NetApp	No's	7	
14.9	<b>DR</b>					
14.10	SOLIDFIRE,960GB,12 DRIVES,NODE,-P	H610S-1-P	NetApp	No's	4	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
14.11	Switch,Mellanox SN2010	MSN2010- CB2F	NetApp	No's	2	
14.12	Rail Kit,4Post,Rnd/Sq-Hole,24-32,Side-by-Side	MTEF-KIT-D	NetApp	No's	1	
14.13	Cable,25Gb,Copper,SFP28-SFP28,1m	MCP2M00- A001E30N	NetApp	No's	16	
14.14	Cable,100Gb,Copper,QSFP-QSFP,0.5m	MCP1600- C00AE30N	NetApp	No's	2	
14.15	Cable,Ethernet,1m RJ45 CAT6	X6584-R6	NetApp	No's	8	
14.16	SFP Optical,1GbE Base-T,RJ45	MC3208411-T	NetApp	No's	8	
14.17	CompNode,2xCLX6252,48C,2.1GHz,768G,1U, -P	H615C-97031- P	NetApp	No's	3	
Software	SW,SolidFire,H610S-3	SW-H610S-1	NetApp	No's	4	
Software	PS Deployment,HCI	PS-DEPLOY- HCI	NetApp	No's	7	
Software	Service,Mellanox,Premium,5Yr,Gold	SVCVN- MELL- SN2010-5G	NetApp	No's	2	
Software	SW Support,Cloud Volumes,OTS,Premium, SW-CLOUDVOL-M300-PREM; Message: SSP For: SW-CLOUDVOL-M300-PREMIUM; 36 Months	SW-SSP- CLOUDVOL- M300-PREM	NetApp	No's	800	
15	<b>Adc-with-waf-&amp;-anti-ddos</b>	Thunder 1040S (TH1040-020- NSSLCFW)	A10	No's	2	
	<b>Counrty of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
15.1	Thunder 1040S CFW, 1U, 1xCPU, 5xGoC, 4x10GF, 16 GB, SSD, H/W SSL, Single PS (Mini SSL Gen 3 Card)	TH1040-020- NSSLCFW	A10	No's	2	
15.2	10 Gig SFP+ Fiber transceiver - Short Range (mfg pn FTLX8574D3BCL)	AXSK-SFP+ SR	A10	No's	8	
Software	3 Year Subscription to Harmony Controller Software with Gold Support; 5 Thunder instances; 250 Gbps aggregate Managed Bandwidth Units of Thunder	HC-SW-3YR- 250GBPS- 5UNITBDL	A10	No's	1	
16	<b>Active-directory</b>	Windows Server Standard 2019 (9EM-00671)	Microso ft	No's	1	
	<b>Counrty of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
16.1	WinSvrSTDCore 2019 OLP 2Lic NL Gov CoreLic	9EM-00671	Microso ft	No's	1	
16.2	Windows Server CAL	N/A	N/A	No's	10	
17	<b>Windows-server-license</b>	Windows Server Standard 2019 (9EM-00671)	Microso ft	No's	15	
	<b>Counrty of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
17.1	WinSvrSTDCore 2019 OLP 2Lic NL Gov CoreLic	9EM-00671	Microso ft	No's	15	
18	<b>Network Access Control</b>	PSA3000	Pulse Secure	No's	2	
	<b>Counrty of Origin: USA</b>					



S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
	<b>Country of Manufacture: USA</b>					
18.1	Pulse Secure Appliance 3000 Base System	PSA3000	Pulse Secure	No's	2	
18.2	Pulse Secure Policy Secure License 250 Concurrent Sessions - Perpetual for the Hardware Platform where activated	POLSEC-ADD-250U	Pulse Secure	No's	1	
18.3	Three Year Pulse NextDay Support for PSA3002	SVC-WAR-PSA3000-ND-3YR	Pulse Secure	No's	1	
18.4	Three Year Pulse Gold Support 250U License. Applicable to ConSec and PolSec Licenses.	SVC-PS-GLD-250U-3YR	Pulse Secure	No's	1	
19	<b>Backup-software-up-gradation</b>	CV-BR-FT	Commvault	No's	1	
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
19.1	Commvault Complete Backup & Recovery - Per Front-End TB, Perpetual	CV-BR-FT	Commvault	No's	8TB	
20	<b>Server-endpoint-protection</b>	CSIE3GSAA	SOPHOS	No's	15	
	<b>Country of Origin: UK</b>					
	<b>Country of Manufacture: USA</b>					
20.1	Central Intercept X Advanced for Server with EDR - 10-24 SERVERS - 36 MOS - GOV	CSIE3GSAA	SOPHOS	No's	15	
21	<b>Storage-up-gradation</b>	X343A-R6	N/A	No's		
21.1	DSK DRV,1.8TB,10K,12G,DS224C	X343A-R6	N/A	No's	12	
22	<b>Distribution-switch</b>	S6720-16X-LI-16S-AC (98010687)	Huawei	No's	4	
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
22.1	S6720-16X-LI-16S-AC(16 10 Gig SFP+,AC 110/220V	98010687 (S6720-16X-LI-16S-AC)	Huawei	No's	4	
22.2	Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)	2318169 (OMXD30000)	Huawei	No's	44	
22.3	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)	2318170 (OSX010000)	Huawei	No's	8	
22.4	Patch cord-LC/PC-LC/PC-Single mode-G.652D-2mm-10m-PVC-Yellow	SS-OP-D-LC-S-10 (14130199)	Huawei	No's	16	
22.5	Patch Cord,LC/PC,LC/PC,Multi-mode,GJFJH-A1a(OM3,bending insensitive),2mm,10m,LSZH	SS-OP-LC/LC-M-10 (14131650)	Huawei	No's	88	
23	<b>Access-switch</b>	S5720-28X-PWR-LI-AC (98010593)	Huawei	No's	22	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
23.1	S5720-28X-PWR-LI-AC(24 Ethernet 10/100/1000 ports,4 10 Gig SFP+,PoE+,370W POE AC power support)	98010593 (S5720-28X-PWR-LI-AC)	Huawei	No's	22	
23.2	Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)	2318169 (OMXD30000)	Huawei	No's	44	
23.3	Patch Cord,LC/PC,LC/PC,Multi-mode,GJFJH-A1a(OM3,bending insensitive),2mm,10m,LSZH	SS-OP-LC/LC-M-10 (14131650)	Huawei	No's	88	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
24	<b>NOC-switch</b>	S5720-28X-LI-AC (98010581)	Huawei	No's	2	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
24.1	S5720-28X-LI-AC(24 Ethernet 10/100/1000 ports,4 10 Gig SFP+,AC power support)	98010581 (S5720-28X-LI-AC)	Huawei	No's	2	
24.2	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)	02310MNW (SFP-10G-USR)	Huawei	No's	4	
24.3	Patch Cord,LC/PC,LC/PC,Multi-mode,GJFJH-A1a(OM3,bending insensitive),2mm,10m,LSZH	SS-OP-LC/LC-M-10 (14131650)	Huawei	No's	8	
25	<b>Infra Switch</b>	S5720-28X-PWR-LI-AC (98010593)	Huawei	No's	3	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
25.1	S5720-28X-PWR-LI-AC(24 Ethernet 10/100/1000 ports,4 10 Gig SFP+,PoE+,370W POE AC power support)	98010593 (S5720-28X-PWR-LI-AC)	Huawei	No's	3	
25.2	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)	02310MNW (SFP-10G-USR)	Huawei	No's	6	
25.3	Patch Cord,LC/PC,LC/PC,Multi-mode,GJFJH-A1a(OM3,bending insensitive),2mm,10m,LSZH	SS-OP-LC/LC-M-10 (14131650)	Huawei	No's	12	
26	<b>Management-Switch</b>	S5720-28X-LI-AC (98010581)	Huawei	No's	2	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
26.1	S5720-28X-LI-AC(24 Ethernet 10/100/1000 ports,4 10 Gig SFP+,AC power support)	98010581 (S5720-28X-LI-AC)	Huawei	No's	2	
26.2	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)	02310MNW (SFP-10G-USR)	Huawei	No's	4	
27	<b>Network Monitoring System</b>	Network Performance Monitor SL250	SolarWinds	Lot	1	
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: USA</b>					
27.1	SolarWinds Network Performance Monitor SL250 (up to 250 elements) - License with 3-year Maintenance	SolarWinds	SolarWinds	User	250	
27.2	SolarWinds Network Topology Mapper - License with 3-Years Maintenance	SolarWinds	SolarWinds			
28	<b>Training (Foreign and Local)</b>					
28.1	Foreign Training (Category 1): Certified Administrator Instructor-Led Training - XG Firewall				10Person/5Day	Pending For COVID-19
28.2	Foreign Training (Category 2): Instructor-Led Training - NetApp Hyper Converged System				10Person/5Day	Pending For COVID-19
28.3	Local Training1: Foundation training: Successful bidder shall arrange local Hands on training on Data Center Operation, Network and System Operation				15Person/5Day	

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
28.4	Local Training2: Certified Data Centre Professional (CDCP) Course (DC/DR operation and maintenance training)				4Person/ 5Day	
28.5	Local Training3: Proposed Network Professional Course for IT professional of EMIS Cell				10Person/ 7Day	
28.6	Local Training4: Advanced IT training: Successful bidder shall arrange local Hands on training on MDC management, supplied hyper converged system				10Person/ 7Day	
<b>29</b>	<b>Civil Work</b>					
	<b>Country of Origin: Bangladesh</b>					
	<b>Country of Manufacture: Bangladesh</b>					
29.1	Dismantling the existing wall cheeping, Concealed, Partition, renovate and Low level job as per design	N/A	N/A	sft	6000	
29.2	Plaster- Brick Works: 5"mm brick work	N/A	N/A	sft	2000	
29.2.1	Plaster- Brick Works: 10"mm brick work	N/A	N/A	sft	429	
29.2.2	Plaster Works	N/A	N/A	sft	8000	
29.2.3	Single Foot-Step Stair	N/A	N/A	No's	3	
29.2.4	Concrete Ramp for Server Room (Slop)	N/A	N/A	No's	1	
29.3	Tiles Work 2'x2' /16"x16"/1'x1'	N/A	RAK	sft	6500	
29.4	Paint Works	N/A	Berger	sft	12500	
29.5	Glass Partition Tempered Glass	N/A	Nasir	sft	1800	
29.5.1	Tempered glass door Single	N/A	Nasir	No's	14	
29.5.2	Tempered glass door Double Swing	N/A	Nasir	No's	4	
29.5.3	Double Door -SS	N/A	Nasir	No's	1	
29.5.4	Non-Tempered Glass Partition	N/A	Nasir	Sft	700	
29.5.5	Frosted Paper	N/A	Customised	LS	1	
29.6	False Ceiling	N/A	Customised	Sft	6500	
29.7	Good and Heavy duty Sanitary, Toiletries & Plumbing material	N/A	Akij/charu	lot	1	
29.7.1	Plastic Door	N/A	Super	No's	6	
29.7.2	Exhaust/Adjustable Fan	N/A	Superstar	No's	2	
29.7.3	High Commode	N/A	Akij	No's	8	
29.7.4	Flash for Commode	N/A	Akij	No's	7	
29.7.5	Glass, Glass Self, Towel Hanger	N/A	Customised	Set	7	
29.7.6	Water Tap, Shower, Basin, Net, Hand Shower etc.	N/A	Sharif/Sattar	Set	7	
29.7.7	Sanitary Fittings	N/A	Sharif/Sattar	Lot	1	
30	<b>Furniture and Interior</b>					
	<b>Country of Origin: Bangladesh</b>					
	<b>Country of Manufacture: Bangladesh</b>					

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
30.1	Mid-Level Executive Chair	REGAL CSC-209-7-1-66/CSC-210-7-1-66	Regal /Nadia	No's	2	
30.2	NOC-Table	N/A	Pertex	No's	3	
30.3a	Executive Table	N/A	Partex	No's	2	
30.3b	Executive Table	N/A	Partex	No's	11	
30.3c	Executive Table	N/A	Partex	No's	14	
30.4a	Executive Chair	N/A	Customised	No's	25	
30.4b	Executive Chair	N/A	Customised	No's	10	
30.4c	Executive Chair	N/A	Customised	No's	14	
30.5	Conference Table	N/A	Customised	No's	1	
30.1.1	NOC-Executive Chair:	REGAL CSC-209-7-1-66/CSC-210-7-1-66	Customised	No's	0	
30.1.2	NOC-Table	N/A	Customised	No's	2	
30.1.3	NOC-Table	N/A	Customised	No's	1	
30.2	SR. SYSTEM ANALYST ROOM-Mid-Level Executive Chair	CSC-202-7-1-66/Swivel Chair	Customised	No's	1	
30.2.1	SR. SYSTEM ANALYST ROOM-Executive Chair	CSC-223-6-1-66/CSC-222-6-1-66	Customised	No's	0	
30.2.2	Executive Table	N/A	Customised	No's	1	
30.3	SYSTEM ANALYST ROOM Mid-Level Executive Chair	CSC-209-7-1-66/CSC-210-7-1-66	Customised	No's	1	
30.3.1	SYSTEM ANALYST ROOM Executive Chair	CSC-223-6-1-66/CSC-222-6-1-66	Customised	No's	0	
30.3.2	Executive Table		Customised	No's	1	
30.4	MEETING ROOM Executive Chair	CSC-209-7-1-66/CSC-210-7-1-66	Customised	No's	0	
30.4.1	Conference Table		Customised	No's	1	
30.5	Hardware Testing Room Executive Chair	CSC-209-7-1-66/CSC-210-7-1-66	Customised	No's	0	
30.5.1	Hardware Testing Room Executive Table	N/A	Customised	No's	6	
30.6	INTERIOR Decoration	N/A	Customised	sft	3200	
30.7	Vertical Blinder as approved places	N/A	Customised	sft	800	
31	Smart-tv	Sony KD-X8000H	Sony	No's	4	
	Country of Origin: Japan					

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S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
	<b>Country of Manufacture: Japan</b>					
32	<b>Raised-floor</b>	N/A	ATFLO R	Sft	800	
	<b>Counrty of Origin: China</b>	N/A	N/A			
	<b>Country of Manufacture: China</b>	N/A	N/A			
33	<b>Insulation</b>	N/A	Armace II	Sft	400	
	<b>Counrty of Origin: EU</b>					
	<b>Country of Manufacture: China</b>					
34	<b>Ladder</b>					
	<b>Counrty of Origin: Bangladesh</b>					
34.1	Overhead and Under raised floor 12" & 6"	N/A	N/A	Rft	650	
34.2	Overhead and Under raised floor 12" & 6"	N/A	N/A	Rft	640	
35	<b>Generator</b>	WP-200E	WELL AND POWE R	Set	1	
	<b>Counrty of Origin: UK</b>					
	<b>Country of Manufacture: UK</b>					
	Prime Rating: 200KVA					
	Standby rating: Min. 220KVA					
	<b>Generator Model: WP-200E</b>					
	Engine Brand: PERKINS, UK					
	Engine Model: 1106A-E70TAG4					
	Alternator Brand: STAMFORD, UK					
	Alternator Model: UCI274H					
	Voltages Available: 380, 400, 415 V					
	Frequency: 50 Hz					
	R.P.M: 1500					
Starting system: 12VDC96Ah						
35.1	Base for Generator			LS	1	
35.2	Duct: Hot Air Duct			sft	250	
35.3	Silencer: Piping			Rft	50	
35.4	ATS Brand			Set	2	
35.5	LT Panel			Set	2	
35.6	Grounding			No's	3	
35.7	Power cable from Source			Lot	1	
35.8	Design			Job	1	
35.9	Water pump: Centrifugal type driven by engine;				1	
35.1	Starting system: Battery, 24VDC100Ah				1	
35.11	Canopy: Sound proof				1	
35.12	Fuel Expense: 12 month			Lot	1	
36	<b>AVR</b>	SBW-200KVA	SAKO	No's	2	
	<b>Country of Origin: China</b>					
	<b>Model: SBW-200KVA</b>					
	Input: Three Phase					
	Input Voltage: 380V/200V+/-20%					
	Selectable Output voltage: 380V +/-3%					
	Frequency: 50/60Hz					
	Output Power Factor: 0.8					
	Ambient temperature: (-)15v to +45°C					
	Storage temperature: (-)15v to +60°C					
	Relative humidity: min 90%					
Harmonic distortion: None introduced						

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S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
	Protection degree: IP21, Protection: Over voltage, Under Voltage, Surge, Sag, Spike, Short Circuit, etc.					
	Instrumentation: Output multi-meter					
37	<b>Electrical</b>		Poly			
	<b>Country of Origin: Bangladesh</b>					
	<b>Country of Manufactur: Bangladesh</b>					
37.1.1	NY Y 1x240RM Cable	N/A	Poly	Mrt	300	
37.1.2	BYA 1x120RM Cable	N/A	Poly	Mrt	150	
37.1.3	NY Y 1x120RM Cable	N/A	Poly	Mrt	550	
37.1.4	BYA 1x95RM Cable	N/A	Poly	Mrt	150	
37.1.5	NY Y 1x95RM Cable	N/A	Poly	Mrt	150	
37.1.6	BYA 1x70RM Cable	N/A	Poly	Mrt	100	
37.1.7	NY Y 1x50RM Cable	N/A	Poly	Mrt	200	
37.1.8	BYA 1x35RM Cable	N/A	Poly	Mrt	100	
37.1.9	BYA 1x25RM Cable	N/A	Poly	Mrt	50	
37.1.10	NY Y 1x25RM Cable	N/A	Poly	Mrt	100	
37.1.11	BYA 1x16RM Cable	N/A	Poly	Mrt	100	
37.1.12	BYA 1x10 RM Cable	N/A	Poly	Mrt	200	
37.1.13	NY Y 3x 6 RM Cable	N/A	Poly	Mrt	600	
37.1.14	BYA 1x4 RM Cable	N/A	Poly	Mrt	1000	
37.1.15	NY Y 3x 4 RM Cable	N/A	Poly	Mrt	1000	
37.1.16	NY Y 3x 2.5 RM Cable	N/A	Poly	Mrt	1200	
37.1.17	BYA 1x 2.5 RM Cable (R+Y+BL+B+G)	N/A	Poly	Coil	80	
37.1.18	BYA 1.5 RM (R+B+G)	N/A	Poly	Coil	120	
37.2	Light	N/A	Pasha/E nergyPa c			
37.2.1	LED single Tube light with shade 4' 14-18Watt (if need)	N/A	Energy Pac	Set	40	
37.2.2	2'x2' LED Panel Light 35 Watt	N/A	Energy Pac	Set	80	
37.2.3	Spot LED Light 8-12Watt with fixer	N/A	Pasha	Set	120	
37.2.4	Emergency Light	N/A	Pasha	Set	20	
37.3	Switch/Socket	N/A	Energy Pac			
37.3.1	2/3/4 gang Switch	N/A	Energy Pac	Set	100	
37.3.2	13 A Auxilary Multi Socket	N/A	Energy Pac	Set	120	
37.3.3	MK Box	N/A	Energy Pac	No's	250	
37.4	<b>Distribution Box</b>					

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
37.4.1	Data Center incoming Distribution box	N/A	N/A	Set	2	
37.4.2	Main Distribution box	N/A	N/A	Set	2	
37.4.3	Emergency Distribution box	N/A	N/A	Set	2	
37.4.4	Light & Auxiliary DB	N/A	N/A	Set	2	
37.4.5	AC DB	N/A	N/A	Set	2	
37.4.6	Mini Distribution	N/A	N/A	Set	2	
38	<b>TVSS-65ka</b>	A9L15688	Schneider Electric	Set	4	
	EU					
	EU					
39	<b>TVSS-100ka</b>	A9L15688	Schneider Electric	Set	2	
	EU					
	EU					
40	<b>Grounding</b>					
40.1	Sub-Station Grounding BAR	N/A	N/A	No's	2	
40.2	IT DB and Non IT Grounding BAR	N/A	N/A	No's	2	
40.3	Earth pit	N/A	N/A	No's	4	
41	<b>Comfort-air-conditioner</b>		Gree			
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
41.1	Split Type-Comfort Air Conditioner; Capacity 12000 BTU/h; Power Consumption: 850 Watts	N/A	Gree	No's	2	
41.2	Split Type-Comfort Air Conditioner; Capacity 18000 BTU/h; Power Consumption: 1380 Watts	N/A	Gree	No's	4	
41.3	Cassette Type-Comfort Air Conditioner; Capacity 18000 BTU/h; Power Consumption: 1380 Watts	N/A	Gree	No's	5	
41.4	Cassette Type-Comfort Air Conditioner; Capacity 24000 BTU/h; Power Consumption: 1380 Watts	N/A	Gree	No's	2	
41.5	Cassette Type-Comfort Air Conditioner; Capacity 36000 BTU/h; Power Consumption: 3500 Watts	N/A	Gree	No's	2	
41.6	Timer	N/A	Gree	No's	3	
42	<b>Network-video-recorder-&amp;-ip-camera</b>	DS-9632NI-18	Hikvision			
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
42.1.1	<b>Model: DS-9632NI-18</b>	DS-9632NI-18	Hikvision	No's	1	
42.1.2	<b>Capacity: 10TB capacity for each HDD</b>	N/A	N/A	No's	6	
42.1.3	HDMI-5 Mtr	N/A	N/A	Set	1	
42.2	IP Camera	DS-2CD3123G0E-I(W)(S)	Hikvision	No's	26	
42.2.1	UTP-CAT6 Cable	760107318	Commscope	No's	3	
42.2.2	LED Smart TV	UA49KU6300	Samsung	No's	1	
42.2.3	HDM-Max. 10 Mtr	N/A	N/A	No's	1	
43	<b>Fire-fighting-system</b>					
	<b>Country of Origin: EU/USA</b>					

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
	<b>Country of Manufacture: EU/USA</b>					
43.1.1	<b>Suppression Agent (GAS) NAFS-125</b>			Kg	140	
43.1.2	<b>For Server Room (62 Ltr cylinder capacity)</b>			Nos	1	
43.1.3	<b>For Power Room- 1 (40 Ltr Cylinder)</b>			Nos	1	
43.1.4	<b>For Power Room -2 (40 Ltr Cylinder)</b>			Nos	1	
43.1.5	<b>For Telco Room (26 Ltr Cylinder)</b>			Nos	1	
43.1.6	<b>For DR Room (40 Ltr Cylinder)</b>			Nos	1	
43.1.7	<b>Nozzle (Steel Nozzle 360° ½"-1½")</b>			Nos	15	
<b>43.2</b>	<b>DETECTION SYSTEM (Fire suppression Zone)</b>					
43.2.1	<b>Control Panel</b>		Program	Nos	2	
	<b>Country of Origin: Malaysia</b>					
	<b>Country of Manufacture: Malaysia</b>					
<b>43.3</b>	<b>Detector</b>					
43.3.1	Photo electric Smoke Detector		Apollo	Nos	38	
	<b>Country of Origin: UK</b>					
43.3.2	Heat Detector		Apollo	Nos	36	
	<b>Country of Origin: UK</b>					
43.3.3	Flashing Light		N/A	Nos	5	
43.3.4	Alarm Bell		N/A	Nos	8	
43.3.5	Call Point		N/A	Nos	10	
43.3.6	Exit Sign		N/A	Nos	15	
43.3.7	Evacuate Sign		N/A	Nos	7	
<b>43.4</b>	<b>Except Data Center Detection System</b>					
43.4.1	<b>Fire Control Panel</b>	FPA-1200	BOSCH	Nos	1	
	<b>Country of Origin: EU/USA</b>					
43.4.2	Smoke Detector	N/A	BOSCH	Nos	30	
	<b>Country of Origin: EU</b>					
43.4.3	Heat Detector	N/A	BOSCH	Nos	20	
	<b>Country of Origin: EU</b>					
43.4.4	Call Point	N/A	BOSCH	Nos	4	
43.4.5	Sounder	N/A	BOSCH	Nos	4	
<b>44</b>	<b>Environmental-monitoring-system</b>					
	<b>Country of Origin: USA</b>					
44.1	EMS	Enviromax-16D	NTI	No's	1	
44.2	Temperature & Humidity Sensor	ENVIROMUX-STHS	NTI	No's	6	
44.3	Shock & Vibration Sensor	ENVIROMUX-VSS	NTI	No's	3	
44.4	Water leak Sensing cable	ENVIROMUX-LDS-xx	NTI	No's	4	
44.5	Intrusion	ENVIROMUX-IMD-MW	NTI	No's	3	
44.5	GSM Modem	3G	NTI	No's	1	
45	<b>Dehumidifier 20 Litter</b>	GDN20AH-K4EBB1A	GREE	No's	4	
	<b>Country of Origin: China</b>					
	<b>Country of Manufacture: China</b>					
46	<b>Static Transfer Switch (STS)</b>	AP4424	APC	No's	1	
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: Philipine</b>					
47	<b>Rodent System</b>		Maser			
	<b>Country of Origin: India</b>					



S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
	<b>Country of Manufacture: India</b>					
47.1	VHFO Digital Mini Controller	VHFO Digital Mini Controller	Maser	No's	2	
47.2	Tranducer	N/A	Maser /Equivalent	No's	16	
48	<b>VESDA Unit</b>					
	<b>Country of Origin: USA</b>					
	<b>Country of Manufacture: India</b>					
48.1	VESDA (Very Early Smoke Detection Apparatus)	VESDA VLF-250	Xtralis	No's	3	
49	<b>KVM Console with Display</b>					
	<b>Country of Origin: EU</b>					
	<b>Country of Manufacture: EU/China</b>					
49.1	KVM Console with Display (16 Ports) with Display	SA.1416.1701	TOTEN	No's	1	
49.2	KVM Console with Display (18 Ports) with Display	SA.1408.1701	TOTEN	No's	1	
50	<b>DR Readiness</b>					
50.1	Dismantling and Renovation	N/A	N/A	Sft	100	
50.2	Brick Wall and Plaster	N/A	N/A	Sft	100	
50.3	<b>Raised Floor</b>					
	<b>Country of Origin: China</b>	N/A	ATFLOOR	Sft	120	
	<b>Country of Manufacture: China</b>					
50.4	Electrical & Decoration	N/A	Customised	Lot	1	
50.5	Plastic Paint	N/A	Berger	Lot	1	
51	<b>Additional Items</b>					
51.1	Wall Mount Half Height Cabinet with Lock and key approved design for NOC and Hardware Room	N/A	Partex/Super	Set	18+1 2 Extra	
	<b>Country of Origin: Bangladesh</b>					
51.2	Wall Mount Half Height Cabinet with Lock and key approved design for Staff Room	N/A	Partex/Super	Set	0	
	<b>Country of Origin: Bangladesh</b>					
51.3	Floor Mount Cabinet (MS): Heavy and High duty cabinet for storing the important document at Sr Analyst Room	N/A	Partex/Super	Set	1	
	<b>Country of Origin: Bangladesh</b>					
51.4	Floor Mount Cabinet (MS) : Heavy and High duty cabinet for storing the important document at Analyst Room	N/A	Partex/Super	Set	1	
	<b>Country of Origin: Bangladesh</b>					
51.5	Reception Table with Drawer based on customize design approved by client	N/A	Partex/Super	Set	1	
	<b>Country of Origin: Bangladesh</b>					
51.6	Executive Chair based on approved sample	N/A	Customized	Set	0	
	<b>Country of Origin: Bangladesh</b>					

*(Signature)*

*(Signature)*

*(Signature)*


*(Signature)*

*(Signature)*

*(Signature)*

S/N	Description	Model/ Part Number	Brand Name	UoM	Qty	Remark
51.7	Sofa (4 Seated Sofa)	N/A	Partex/ Super	Seater	16+9 =25	
51.10	High Sensitive Super Wand Handheld Metal Detector Country of Origin: China	N/A	ZKTCO	No's	1	
51.11	Metal Archway gate Country of Origin: China	N/A	ZKTCO	No's	1	
51.12	Wall Mount 10mm Tempered Glass board for writing Country of Origin: Bangladesh	N/A	Nasir	No's	4	
51.2	Store Room Furniture					
51.2.1	Open Cabinet by using metal (MS) for keeping all spare parts and necessary document (13ftx2ftx9ft or customize) Country of Origin: Bangladesh		Customi sed	Set	1	
51.2.2	Almirah(MS) for taking all necessary document			Set	1	
51.2.3	Foot Step Ladder			Set	2	
51.2.4	Vacuum Cleaner Country of Origin: China		Hitachi	Set	1	
51.2.5	Computer Dust Remover Portable Hand Air Blower Country of Origin: China		AK Power	Set	2	

০২। এমতাবস্থায়, বর্ণিত মালামালসমূহ বরাদ্দকৃত পরিমাণ/সংখ্যা অনুযায়ী সরবরাহকারী প্রতিষ্ঠান Spectrum Engineering Consortium Ltd.-এর নিকট থেকে Specification মোতাবেক গ্রহণ করে স্বাক্ষর ও সীলযুক্ত ডেলিভারী চালান অত্র দপ্তরে প্রেরণ করার অনুরোধ করা হলো।

  
29.12.2022  
(প্রফেসর ড. সায়মুন নাহার)

যুগ্ম প্রোগ্রাম পরিচালক (অ. দা.)

ফোন-২২৩৩৮৩৭১২

e-mail: jpd.sesip@gmail.com


সিনিয়র সিস্টেম এনালিস্ট,  
ইএমআইএস সেল, মাউশি অধিদপ্তর,  
শিক্ষা ভবন, ঢাকা।

স্মারক নং: মাউশি/সেসিপ/১-১০৭/মালামাল বিতরণ (পার্ট-০১)/২০১৪/৮০২ (৬)

তারিখঃ ২৭/১২/২০২১খ্রি:

অনুলিপি অবগতি ও কার্যার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়):

১. সচিব, মাধ্যমিক ও উচ্চ শিক্ষা বিভাগ, শিক্ষা মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
২. অতিরিক্ত সচিব (উন্নয়ন), মাধ্যমিক ও উচ্চ শিক্ষা বিভাগ, শিক্ষা মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
৩. প্রোগ্রাম পরিচালক (সেসিপ) ও মহাপরিচালক, মাধ্যমিক ও উচ্চ শিক্ষা অধিদপ্তর, শিক্ষা ভবন, ঢাকা।
৪. উপ-পরিচালক, প্রশাসন/প্রোগ্রাম/ইকুইটি, সেকেন্ডারি এডুকেশন সেক্টর ইনভেস্টমেন্ট প্রোগ্রাম, শিক্ষা ভবন, ঢাকা।
৫. প্রজেক্ট অফিসার (প্রোগ্রাম-৩) সেকেন্ডারি এডুকেশন সেক্টর ইনভেস্টমেন্ট প্রোগ্রাম, শিক্ষা ভবন, ঢাকা [বরাদ্দ পত্রটি সেসিপের ওয়েবসাইটে প্রকাশের অনুরোধসহ।]
৬. Spectrum Engineering Consortium Ltd. (চুক্তি মোতাবেক বর্ণিত মালামালসমূহ বরাদ্দ অনুযায়ী নির্ধারিত প্রতিষ্ঠানে সরবরাহ করে ডেলিভারী চালান অত্র দপ্তরে প্রেরণের অনুরোধসহ)।
৭. পিএ টু যুগ্ম প্রোগ্রাম পরিচালক, সেকেন্ডারি এডুকেশন সেক্টর ইনভেস্টমেন্ট প্রোগ্রাম, শিক্ষা ভবন, ঢাকা।
৮. অফিস কপি।

  
27.12.2021

(শাহনাজ আহমেদ এ্যানি)

সহকারী পরিচালক (প্রশাসন-০১)

ফোন-২২৩৩৫৩৮৪৫

