Annex 1 – Regular Housekeeping Activities

1. **Maintenance, Management and Administration of the current <u>and proposed</u> DBM Integrated Data and Voice Infrastructures, Network and Shared Storage Devices, and Security Equipments**

   Maintenance, Management and Administration, but not limited to:

   ✓ Networking and TCP/IP Hardware Appliances and Devices (*inclusive of: routers, switches, firewalls, modems, fiber channel switches and cables*)
   ✓ Command View Storage Management Server
   ✓ Internet Servers
   ✓ Application and Database Servers (*Operating System Level*)
   ✓ PABX/IP-PABX
   ✓ Anti-Virus Server(s) / Desktop and Server Security Management Solution Server(s) Active Domain Servers, Policies and Users
   ✓ Shared and Network-Attached Storage Devices (*inclusive of: tape drives and libraries, backup software*)
   ✓ Backup System Facility
   ✓ Spam and Firewall System Equipments
   ✓ Tele-Surveillance Camera Monitoring Equipments
   ✓ Automatic Anti-Fire Suppression System

   Configuration Management
   Configuration Backup
   Network Documentation *(assessment, building up and initial submission six (6) months after the start of the contract and regular update every quarter after the initial submission)*
   ✓ Asset Classification and Control
   ✓ Security Incidents and Malfunctions
   ✓ Physical and Environmental Security
   - Secure Areas
   - Equipment Security
   - General Controls
   ✓ Communication and Operations Management
   - Operational Procedures and Responsibilities
   - System Planning
   - Protection Against Malicious Software
   - Housekeeping
   - Network Management
   - Media Handling and Security
   ✓ Access Control
   - Business Requirement for Access Control
   - User Access Management
   - User Responsibilities
   - Network Access Control
   - Operating System Access Control
   - Application Access Control
   - Monitoring System Access and Use
   - Mobile Computing and Tele-working
   ✓ Business Continuity Management

Restoration of Links
Restoration of Internet Services
Updating of Servers and Devices OS patches and firmware
Correction of Security Breaches and Virus Attacks
TELCO Carrier Coordination
Report Generation (automated system reports)
Report Preparation (manually prepared reports)
Conduct of simulated fire drill in coordination with ICTSS and Security Service Provider once/twice a year to provide awareness among personnel involved while assessing the effectiveness of the infrastructure.
Submission of a pre-determined time "responsibility list" for proper and coordinated shutdown/termination of various ICT equipment (servers, routers, switches, etc) for disposal and replacement forecast.

2. Network Security Assessment

Monitoring of Intrusion Detection System
Preparation of Reports

3. Computer Management and Security Policy Assessment and Implementation

Healthy and maintenance check on the Integrated Data and Voice Network Infrastructure other network related supplemental on-site services and technical assistance
Implementation of ICT assets security policies
Full implementation and monitoring of Active Domain Control (based on PDCA Cycle)
Regular review and updates of policies as required

4. 24 x 7 Service Monitoring

Monitoring of Key Servers and Storage Devices Healthy status including utilization and resources statistics
Monitoring of Services
Monitoring of Links
Monitoring of Domain Implementation
Preparation of Reports

5. 24 x 7 Helpdesk Services

Receive, record problem reports
Creation of Trouble Tickets
Monitoring of Services
Electronic Mail User Administration
Messaging System User Administration
FTP User administration
Fax Server User Administration
Active Domain Administration and Support Services
Problem Monitoring and Escalation
Preparation of Reports
Incident Monitoring and Problem Escalation

Annex 2A – List of Network Equipment

Central Office (Building I and II)		Remarks
❑ **Network and Systems Equipment**		
	CISCO Switch (3750-S) SPECS – BDLG I:	In Use
One (1)	WS-C3750G-48TS = C3750-ADVIPSERVICESK9-M	
One (1)	IOS = c3750-advipservicesk9-mz.122-44.se.bin	
	CISCO WAN Router (2811) SPECS – BDLG II:	In Use
One (1)	Cisco2811-SEC/K9 = 2811 Security Bundle, Adv Security 64F/256D	
One (1)	PVDM2-32 = 32 Channel Packet Voice/Fax DSP Module	
One (1)	VWIC-1MFT-E1 = 1 Port RJ-48 Multiplex Trunk E1	
Two (2)	WIC-2T= Two Port Serial WAN Interface Card	
One (1)	CAB-AC = Power Cord, 110V	
Four (4)	CAB-SS-V35MT = V.35 Cable, DTE, Male, 10ft.	
One (1)	S28NASK9-12308T = Cisco IOS ADVANCED SECURITY	
One (1)	PWR-2811-AC = Cisco 2811AC Power Supply	
One (1)	ROUTER-SDM = Device Managers for Routers	
One (1)	MEM2800-256D-INC = 256MB DDR RAM Factory Default for Cisco 2800 Series	
One (1)	MEM2800-64CF-INC = 64MB CF Default for Cisco 2800 Series	
	Cisco Internetwork Exchange Router (3745) SPECS – BLDG-II:	In Use
One (1)	Cisco 3745 = 3700 Series, 4-Slot, Dual FE, Multiservice Router, 32F/256D	
One (1)	S374CK9-12309 = Cisco 3745 Ser IOS IP PLUS IPSEC 3DES	
	PWR-3745-AC = AC Power Supply for Cisco 3745	
One (1)	PWR-3745-AC/2 = Redundant AC System Power Supply for Cisco 3745	
Two (2)	CAB-AC = Power Cord, 110V	
Two (2)	WIC-2T= Two Port Serial WAN Interface Card	
Four (4)	CAB-SS-V35MT = V.35 Cable, DTE, Male to Smart Serial, 10ft.	
One (1)	MEM3745-256D-INC = 256MB DDR RAM Factory Default for Cisco 3745 Series	
One (1)	CONT-SNT-3745 = 8x5xNBD Svc, Cisco 3745 4-Slot Appl. Svs Rtr.	
One (1)	**FORTIGATE UTM Firewall Applicance (FG300A) – BLDG-II:**	In Use
One (1)	Firmware = v4.0,build0272,100331 (MR2)	
One (1)	Power Cord	
	FORTINET FortiAnalyzer (FA100B) – BLDG-II:	In Use

Two (2)	Serial #: FL100B3108001947 / FL100B3108001898	
Two (2)	Firmware : FortiAnalyzer-100B 3.00,build506,070205 / FortiAnalyzer-100B 3.00-b560(MR5 P1)	
Two (2)	Power Cord	
	FORTINET FortiManager (FMG100) – BLDG-II:	In Use
Two (2)	Serial #: FMG1003107002818 / FMG1003107002823	
Two (2)	Firmware : v4.0.2-build0102 110609 / v4.0.2-build0102 110609)	
Two (2)	Power Cord	
	CISCO Firewall Appliance (Cisco 515E PIX) – BLDG-II:	Stand by
One (1)	PIX-515E-UR-FE-BUN = PIX 515E-UR-FE Bundle (Chasis Unrestricted SW, 6 FE, VAC+	
One (1)	CAB-AC = Power Cord, 110V	
One (1)	PIX-515-VPN-3DES = PIX 515E 3DES/AES VPN/SSH/SSL Encryption License	
One (1)	SF-PIX-515-6.3 = PIX v6.3 Software for the PIX 515E Chasis	
One (1)	PIX-VAC-PLUS = PIX 66-MHZ DES/3DES/AES VPN Accelerator Card + (VAC+)	
One (1)	PIX-VPN-CLNT-K9 = Cisco VPN Client Software (Windows, Linux, Solaris)	
One (1)	PIX-4FE-66 = PIX 66-MHZ four port 10/100 Fast Ethernet int. Card RJ-45	
One (1)	PIX-515UR-SW = PIX 515E Unrestricted (UR) Feature License	
One (1)	CONT-SNT-PIX515FE = SMARTNET 8x5xNBD Chasis, Unrestricted SW, 6 FE prts, VAC	
❑ **Voice Equipment For Building II**		In Use
One (1)	Avaya G450MP80	
Sixty (60)	Avaya Model 1608 IP Phones	
	Central Office (Building IV – Arcache)	
❑ **Network Equipment**		
	CISCO Router (2811) SPECS - ARCACHE:	**In Use**
One (1)	Cisco2811-SEC/K9 = 2811 Security Bundle, Adv Security 64F/256D	
One (1)	WIC-2T = Two Port Serial WAN Interface Card	
Two (2)	CAB-SS-V35MT = V.35 Cable, DTE Male to Smart Serial, 10ft.	
One (1)	CAB-AC = Power Cord	
One (1)	PVDM-16 = 16 Channel Packet Voice/Fax DSP Module	
One (1)	MEM2800-64CF-INC = 64MB CF Default for Cisco 2800 Series	
One (1)	PWR-2811-AC = Cisco 2811AC Power Supply	
One (1)	S28NIPV-12311T = Cisco IOS IP Voice	
One (1)	ROUTER-SDM = Device Managers for Routers	
One (1)	CONT-SNT-C2811HSE = Smartnet 8x5xNBD 2811 Security Bundle	
One (1)	Cisco IOS – C2800m – ADVSECURITY K9-m Version 12.3(8)T6	

One (1)	Bootstrap – Version 12.3(8r)T7	
One (1)	Half-Rack Closed Cabinet	
One (1)	SUA1000iUSB - Uninterruptible Power Supply	
One (1)	Cisco C2924-XL B105:C130 = 24 Port Switch	Replaced by the newly installed 3560G / Stand by
One (1)	Cisco Catalyst 3560G - 24 Port Switch with 4 Gigabit Port	Newly installed by TTHI / Stand By
One (1)	D-link DES 1024D 24 Port Switch	Stand By
One (1)	APC AP7921 - Remote Reboot Device	Stand By
One (1)	D-Link 1026G 24 Port Switch	Replaced the Defective 3100 Cisco Workgroup Stack / Stand by
❑ **Voice Equipment**	.	
Three (3)	VIC-4FXS/DID= 4-port FXS card for CISCO router (Cisco 2811)	
PLJ (NCR, Region IV-A)		
❑ **RO Network and Systems Equipment**		
One (1)	**CISCO Router (1700 Series) SPECS:**	**In Use**
	- Cisco 1760-V - 10/100 Modular Router w/ voice, 19 inch chasis,	
	32MB RAM FL/96MB DR	
	- S17C7VK9-1225T - Cisco 1700 IOS IP/ADSL/VOICE PLUS IPSEC 3DES	
	- WIC-2T – 2 Port Serial WAN Interface Card	
	- CAB-SS-V35MT – 2 Cisco V.35 Cable, DTE Smart Serial, 10 feet	
	- CAB-AC - Cisco Power Cord, 110V	
	- MEM1700-64U96D - Cisco 1700 64MB to 96MB DRAM Factory Up grade	
	- PVDM-256K-4 – 4 Channel Packet Voice/Fax DSPModule	
	- ROUTER SDM - Device Manager for Routers	
	- CON-SNT-1760V – 8x5xNBD svc, 10/100 Modular Router w/ Voice	
	IP/VOICE	
One (1)	D-Link WebCruiser DFM-560EL - External 56k Data/Fax Modem	
One (1)	Linksys SRW224 - 24-port Workgroup-grade Wirespeed Fast Ethernet Switch	
Two (2)	Generic Switch ports	
One (1)	3COM Superstack III	Installed in NCR
One (1)	Ethernet bridge radio	
One (1)	Half-Rack Closed Cabinet	
One (1)	SUA1000iUSB - Uninterruptible Power Supply (APC)	
One (1)	APC AP7921 - Remote Reboot Device (APC)	
One (2)	D-Link 24 port 1026G	Installed in RO4A-CALABARZON to replaced the defective switch

		Virtualized DBM network and Local ISP
One (1)	FORTINET FG60B - UTM Firewall	
	Firmware - v4.0.0,build0092,090220	
❑ **Voice Equipment**		
One (1)	4-port FXS card for Cisco router (Cisco 1700 Series)	Located at NCR

	Mabini Hall	
❑ **Network and Systems Equipment**		
	CISCO Router (2811) SPECS – MABINI:	Located at Mezzanine
One (1)	Cisco2811-SEC/K9 = 2811 Security Bundle, Adv Security 64F/256D	
One (1)	PVDM2-32 = 32 Channel Packet Voice/Fax DSP Module	
One (1)	VWIC-1MFT-E1 = 1 Port RJ-48 Multiplex Trunk E1	
One (1)	WIC-2T= Two Port Serial WAN Interface Card	
One (1)	CAB-AC = Power Cord, 110V	
Two (2)	CAB-SS-V35MT = V.35 Cable, DTE, Male, 10ft.	
One (1)	S28NASK9-12308T = Cisco IOS ADVANCED SECURITY	
One (1)	PWR-2811-AC = Cisco 2811AC Power Supply	
One (1)	ROUTER-SDM = Device Managers for Routers	
One (1)	MEM2800-256D-INC = 256MB DDR RAM Factory Default for Cisco 2800 Series	
One (1)	MEM2800-64CF-INC = 64MB CF Default for Cisco 2800 Series	
One (1)	CONT-SNT-C2811HSE = Smartnet 8x5xNBD 2811 Security Bundle	
One (1)	D-Link WebCruiser DFM-560EL- External 56k Data/Fax Modem	
One (1)	Half-Rack Closed Cabinet	
One (1)	Uninterruptible Power Supply	
One (1)	Remote Reboot Device	
One (1)	D-Link 1026G 24 Port Switch	Installed in SPIB
One (1)	D-Link 1026G 24 Port Switch	Installed in IAS
One (1)	3Com Superstack	Installed in CPRS
One (1)	CNET CNSH2400	
One (1)	3Com Super Stack	Installed in Budget
One (1)	3Com Super Stack	Installed in Accounting
One (1)	3Com Super Stack	Installed in AS, Supply & Property
One (1)	Cisco switch fast hub 400	Installed in GSD / Defective and was replaced with a D-Link 24 port service unit)
❑ **Voice Equipment**		
One (1)	AVAYA DEFINITY Prologix	Located at Mezzanine server room
One (1)	Prologix E1 Interface Card	

One (1)	Cisco E1 voice card	
One (1)	Uninterruptible Power Supply	
Seventy Two (72)	Avaya Model 6211 Standard Analog Phones	
Four (4)	Avaya Model 6408D Digital Set with Speakerphone	
Regions I, IV-B, V to XIII, CAR (Total 14 Sites)		
For Each Regional Office Site		
❑ **RO Network and Systems Equipment**		
	CISCO Router (1700 Series) SPECS:	In Use
	- Cisco 1760-V - 10/100 Modular Router w/ voice, 19 inch chasis,	
	32MB RAM FL/96MB DR	
	- S17C7VK9-1225T - Cisco 1700 IOS IP/ADSL/VOICE PLUS IPSEC DES	
	- WIC-2T - 2 Port Serial WAN Interface Card	
One (1)	- CAB-SS-V35MT – 2 Cisco V.35 Cable, DTE Smart Serial, 10 feet	Deployed in ROI, ROVI, ROVII, ROIX, ROXIII and ROCAR
	- CAB-AC - Cisco Power Cord, 110V	
	- MEM1700-64U96D - Cisco 1700 64MB to 96MB DRAM Factory Upgrade	
	- PVDM-256K-4 - 4 Channel Packet Voice/Fax DSPModule	
	- ROUTER SDM - Device Manager for Routers	
	- CON-SNT-1760V - 8x5xNBD svc, 10/100 Modular Router w/ Voice IP/VOICE	
	D-Link WebCruiser DFM-560EL - External 56k Data/Fax Modem	
	CISCO Router (2800 Series) SPECS:	
	- S17C7VK9-1225T - Cisco 1700 IOS IP/ADSL/VOICE PLUS IPSEC 4DES	
	- WIC-2T - 2 Port Serial WAN Interface Card	
	-VIC-4FXS - Voice Module	
	- CAB-AC - Cisco Power Cord, 110V	Deployed in ROIVB, ROVIII and ROXII
One (1)	- MEM1700-64U96D - Cisco 2800 64MB DRAM	
	- PVDM-64K-4 - 4 Channel Packet Voice/Fax DSPModule	
	- ROUTER SDM - Device Manager for Routers	
	- CON-SNT-1760V - 8x5xNBD svc, 10/100 Modular Router w/ Voice / IPVOICE	
One (1)	Linksys SRW224 - 24-port Workgroup-grade Wirespeed Fast Ethernet Switch	Linksys in Davao is now defective.
One (1)	Half-Rack Closed Cabinet	
One (1)	SUA1000iUSB - Uninterruptible Power Supply (APC)	
One (1)	APC AP7921 - Remote Reboot Device	
For Region II, III, X	**(Tuguegarao, Pampanga, CDO)**	
One (1)	WIC-1ENET – 1Port Ethernet Card	

❑ **Voice Equipment**		
One (1)	2-port FXS card	
Two (2)	Avaya Model 6221 Analog Speakerphone	

DBM Regional Offices (I-XIII, IV-A, NCR & CAR)		
❑ **UTM Firewall Equipment**		
Fifteen (15)	FORTINET FORTIGATE 60B – UTM Firewall	In Use
Fifteen (15)	Firmware Version – v4.0.0,build0092,090220	
One (1)	FORTINET FORTIGATE 60B – UTM Firewall (NCR and IV-A)	Stand By
One (1)	Firmware Version – v4.0.0,build0092,090220	

DBM Regional Offices (I-V, VII-XIII)		No WIFI (RO VI and CAR)
❑ **Wireless Equipment**		
Eight (8)	Linksys WRT54G2	ROI-II, ROVI, ROVII-VIII, ROX-XIII
Four (4)	Linksys WRT54G	ROIVA, ROIVB, IX and XI
Three (3)	Dlink D300	ROIX and ROXIII
One (1)	Linksys WRT160N v3	ROIII

DBM Core Network Equipment		
❑ **Arcache: Cisco 2811R**		In Use
One (1)	ATM LAN Emulation Module Dual MMF	Temporary using dlink media converter to interconnect Building 1 and Arache Building
One (1)	12 ports 10/100 Mbps Fast Ethernet Switching Module	

❑ **Building I: Cisco Catalyst 3750S Series**		In Use
One (1)	ATM LAN Emulation Module Dual MMF	Temporary using dlink media converter to interconnect Building 1 and Arache Building
One (1)	12 ports 10/100 Mbps Fast Ethernet Switching Module	

❑ **Building II: Cisco Catalyst 4503 Switch**		Use as DMZ switch
One (1)	Power SupplyWS-C4503 catalyst 4500 Chassis (3-slot),fan,no ps	
One (1)	PWR-C45-1400AC - Catalyst 4500 1400W AC Power Supply (Data Only)	
One (1)	PWR-C45-1400AC - Catalyst 4500 1400W AC Power Supply redundant (Data Only)	
Two (2)	CAB-7513AC - AC Power cord North America(110V)	
One (1)	WS-X4013+TS - Catalyst 4503 SupII-Plus-TS,12 10/100/1000 PoE+8 SFP slots	
One (1)	S4KL3-12225EWA – Cisco IOS Basic L3 Cat4500 SUP 2+/4/5 (RIP,St.Routes,IPX,AT)	
One (1)	WS-X4548-GB-RJ45 – Catalyst 4500 Enhanced 48-port 10/100/1000 Base-T(RJ-45)	

Four (4)	GLC-SX-MM - GE SFP ,LC connector SX transceiver	
One (1)	CON-SNTP-WS-C4503 - 24x7x4 SVc Catalyst 4503R series Modular switch	
❑ **Arcache: Workgroup Hubs and switches.**		
One (1)	Workgroup stack Catalyst 3100 WS-C3100B , (1) WXS 3010 module	
One (1)	Dlink DES 1024D	
One (1)	SMC Switch 24 ports	
❑ **Mabini: Workgroup Hubs and switches.**		In Use
Seven (7)	3COM Superstack 24 Ports	
One (1)	Cisco Catalyst 3750GS	Core Switch
❑ **Spam Firewall**		
One (1)	Barracuda Spam Filter Firewall 300 SN: BAR-SF-105929	Expired license
One (1)	Barracuda spam Filter Firmware: v3.5.10.029 (2008-31-01 06:22:53)	Expired license

Note: Subject to a more detailed listing with technical specifications (upon request).
Some equipment and facilities shall be managed by the DBM in-house manpower.

Annex 2B – List of DBM Active Servers and Shared/Network-Attached Storage Devices

,

Central Office (Building II)		Remarks
Server Equipment		
BLDG II 3rd Flr		
One(1)	Dell Power Edge 1800	MARS - Active Directory Primary
One(1)	HP Proliant ML350	MERCURY - Active Directory Secondary
One(1)	Dell Power Vault NF500	DBMFS01 - File server
One(1)	HP Proliant ML370	DBKAVS - defective
One(1)	HP Proliant ML370	Lotus Notes server - decommisioned
Two(2)	HP Integrity RX4640	eBudget
Four(4)	HP Proliant DL380	eBudget
Two(2)	HP StorageWorks HSV200	Oracle
One(1)	Dell Power Edge SC1425	Nagios monitoring
One(1)	HP Proliant DL360	Cacti – NMS monitoring
One(1)	Dell Power Edge 1850	DNS01 – External DNS
One(1)	HP Proliant DL360	DNS02 – External DNS
One(1)	HP Proliant DL360	SAMBA – File server
One(1)	HP Proliant DL380	DHCP
One(1)	Red Fox Desktop	Spark server
One(1)	Red Fox Desktop	Backup Server
One(1)	Red Fox Desktop	Back End Web Server
One(1)	HP Proliant DL360	Proxy - defective
Two(2)	HP Integrity RX6600	Not in use
One(1)	Dell Power Edge 2900	Front End Web Server
One(1)	HP Proliant DL180G5	IPC test server
Four(4)	Clone Desktops	IPC apps
One(1)	Clone Desktop	CCTV server
Two(2)	HP Proliant DL160 G6	CA antivirus server
Two(2)	HP Proliant DL380	eBudget - not in use
One(1)	HP Storageworks X3800	
Two(2)	HP Proliant DL360 G7	
Two(2)	HP Storageworks HSV400	
One(1)	HP BL C7000	Blade Enclosure
Nine(9)	HP Proliant BL460c G7	Apps / VM servers
One(1)	Supermicro server	Alarm system
One(1)	HP Proliant DL180 G6	Document Management System
Eight(8)	HP MSA6412 Storage Enclosure	
One(1)	HP Storageworks MSL8096 Tape Library	

Note: See next succeeding pages for complete details.

Aged Production Servers Candidate for Virtualization

Hardware Model	CPU/RAM/HDD	OS Flavor	Managed By	Delegation	Serial	Status
Dell Power Edge sc1425	512MB, Intel Xeon 3.2Ghz	White Box Enterprise Linux release 3.0	COMNET	Storms - For Network Monitoring	FJFJDIS	In Use
Dell Power Edge 1800	Intel Xeon 3.0GHz, 1 Gbyte, 72 Gbyte	Windows 2003 R2	COMNET	Mars - AD / Internal DNS	71LKDIS	In Use
Dell Power Edge 1850	Intel Xeon 2.8 Ghz, 4 Gbyte, 70 Gbyte	CentOS release 5.6 (Final)	COMNET	Public DNS01	7W57D1S	In Use
HP Proliant ML370	Intel Xeon 3.6Ghz, 4GB, 32Gbyte	Windows 2008	COMNET	ENGAS	SGH617X1T2	MS Sql not installed
HP Proliant ML350	Intel Xeon 3.06Ghz, 1 Gbyte, 40 Gbyte	Windows 2003 R2	COMNET	Mercury - AD / Internal DNS	T0TLKPC2W	In Use
HP Proliant DL360	Intel Xeon 3.0Ghz, 4 Gbyte, 160 Gbyte	CentOS release 4.8	COMNET	CACTI - Graphical Presentation of Network Monitoring.	TWT504008E	In Use
HP Proliant DL360	Intel Xeon 3.0Ghz, 4 Gbyte, 160 Gbyte	CentOS release 5.6 (Final)	COMNET	Public DNS02	TWT50400AX	In Use
HP Proliant DL360	Intel Xeon 3.0Ghz, 4 Gbyte, 160 Gbyte	CentOS release 5.6 (Final)	COMNET	SAMBA - Fila Sharing	TWT50200W2	In Use
RED FOX	AMD Athlon 1.7 Dual Core 4GB	CentOS release 5.6 (Final)	COMNET	OPENFIRE - SPARK Instant Messaging	46DK000269	In Use

Database/Storage Servers

Hardware Model	CPU/RAM/HDD	OS Flavor	Managed By	Delegation	Serial	Status
HP Integrity RX4640	8GB, Intel Itanium 2	RHEL 5.4	IPC only manages the database, not the HW/OS	DB	SGH4616ATL	Used by PSIPOP database
HP Integrity RX4640	8GB ,Intel Itanium 2		not managed by IPC		SGH4616AV1	not powered on
HP DL380	8GB ,Intel Itanium 2	Windows 2003 R2 SP2 Enterprise	IPC only manages the database, not the HW/OS	GridControl	SGH4616AST	in use but CPU/MEM does not match inventory
HP Integrity RX6600	8GB, Intel Itanium 2	RHEL 5.4		Oracle RAC	SGH5109LXK	\
HP Integrity RX6600	8GB, Intel Itanium 2	RHEL 5.4		Oracle RAC	SGH5109LXJ	In Use

Hardware Model	CPU/RAM/HDD	OS Flavor	Managed By	Delegation	Serial	Status
HP StorageWorks X3800	2 CPU 8 core 12Gb 4 NIC 146Gb x2	Windows Storage Server 2008 Ent	not managed by IPC	Storage works	SGH108XJC9	In Use
Dell NF500 PoweVault	Quadcore intel xeon es4101, 16 GB RAM,	Windows 2003 R2 SP2 Enterprise	COMNET	DBMFS01 / File server	14TJY1S	In Use

Production Servers (Physical and VM's)

Hardware Model	CPU/RAM/HDD	OS Flavor	Managed By	Delegation	Serial	Status
HP Proliant DL380 G4	Intel Xeon 3.0Ghz, 4 Gbyte, 72.8 Gbyte	CentOS release 5.7 (Final)	COMNET	DHCP - hots to domain authentication.	SGH617X1SU	In Use
HP Proliant DL380 G4	Intel Xeon 3.0Ghz, 4 Gbyte, 72.8 Gbyte	CentOS release 5.7 (Final)	COMNET	NEW WORDPRESS - for pluging and blogging	SGH617X1SP	In Use
Dell PowerEdge 2900	Quadcore intel xeon E5439, 4 GB RAM, 2x32 GB, 4x146 GB		ICTSS	WWW - intranet / internet services	JJ1JY1S	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008	Only application inside the VM is being managed by IPC. VM's guest OS, VM host HW/OS is not managed by IPC.	Dbmvhost01	CN71080479	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Dbmvhost02	CN7108070M	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Dbmvhost03	CN7108070Q	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Dbmvhost04	CN7108070N	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Dbmvhost05	CN7108070H	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Dbmvhost06	CN7108070K	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Dbmvhost07	CN7108070R	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008	not managed by IPC	Scomsvr	CN7108070P	In Use
HP BL460c G7	Dual 6 Core, 16Gb, 146Gb x2, 8 NIC	Windows 2008		Vmmsvr	CN7108070L	In Use

Decommissioned Servers

Hardware Model	CPU/RAM/HDD	OS Flavor	Managed By	Delegation	Serial	Status
HP Proliant ML370	Intel Xeon 2.8Ghz, 4 Gbyte, 200 Gbyte	RHEL ES release 4	COMNET	Lotus Notes - previous email server	SGH617X1T2	Not In Use
HP Proliant DL380 G4	Intel x3.2 2.0GB mem 2x 36.4GB HDD	No hard disk drives			SGH613X1A2	Not In Use
HP Proliant DL380 G4	Intel x3.2 2.0GB mem 2x 36.4GB HDD	No hard disk drives			SGH617X1SS	Not In Use

Annex 2C – List of UPS

- **Arcache Building**

Maker	Model	Serial Number	Remarks	Location
GE	LE Series	L081A16722020004	Not in use	Arcache Bldg – 1st FLR.
GE	LE Series	L081A16722439995	Not in use	Arcache Bldg – 1st FLR.
GE	LE Series	L081A16722090009	Not in use	Arcache Bldg – 1st FLR.
GE	LE Series	L081A16722090006	Not in use	Arcache Bldg – 1st FLR.
GE	LE Series	L081A16722430006	Not in use	Arcache Bldg – 1st FLR.
GE	LE Series	L081A16722430003	Not in use	Arcache Bldg – 1st FLR.
APC	Symmetra	CD0414161239	Not in use	Arcache Bldg – 1st FLR.
APC	Symmetra	CD0414161240	Not in use	Arcache Bldg – 1st FLR.
APC	Symmetra	ED0045001596	Not in use	Arcache Bldg – 1st FLR.
UMART	GP660CRMH	611379	Not in use	Arcache Bldg – 2nd FLR.
APC	Smart UPS 1000	AS0150230834	Not in use	Arcache Bldg – 2nd FLR.
APC	750	QS0505241527	Not in use	Arcache Bldg – 2nd FLR.
UMART	Switch Rack PDO	617254	Not in use	Arcache Bldg – 2nd FLR.
UMART	GP660CRMH	611380	Not in use	Turned over to Property
UMART	GP660CRMH	611377	Not in use	Turned over to Property
APC	Smart UPS 2000	CSO501260547	Not in use	Turned over to Property

- **Arcache Building**

Maker	Model	Serial Number	Remarks	Location
APC	Smart UPS 1000	AS0502130069	In use	NCR Bldg –3rd FLR.

- **Mabini hall server room**

Maker	Model	Serial Number	Remarks	Location
CELL POWER	W/ BP 061705	880606K004LK	In use	Mabini-Server room
APC	Smart Ups 1000	AS0502130072	In use	Mabini-Server room

Annex 2D – DBM Building II LAN Installed Hardware

Item	Site Name	Product Code	Serial Number	Software version	Subnet	Confirmed Operational
1	DBM	WS-C4510R-E	FOX1342H3P1	12.2	/24	Y
2	DBM	WS-C4510R-E	FOX1343GV8L	12.2	/24	Y
3	DBM	WS-C2960-24TC-L	FOC1322W2DC	12.2	/24	Y
4	DBM	WS-C2960-24TC-L	FOC1322W2AV	12.2	/24	Y
5	DBM	WS-C2960-24TC-L	FOC1322W2DS	12.2	/24	Y
6	DBM	WS-C2960-24TC-L	FOC1323Y3M5	12.2	/24	Y
7	DBM	WS-C2960-48TC-L	FOC1324W1ZE	12.2	/24	Y
8	DBM	WS-C2960-48TC-L	FOC1324W2AG	12.2	/24	Y
9	DBM	WS-C2960-48TC-L	FOC1324W2AT	12.2	/24	Y
10	DBM	WS-C2960-48TC-L	FOC1324W2B7	12.2	/24	Y
11	DBM	WS-C2960-48TC-L	FOC1324W2BN	12.2	/24	Y
12	DBM	WS-C2960-48TC-L	FOC1324W24H	12.2	/24	Y
13	DBM	WS-C2960-48TC-L	FOC1324W28H	12.2	/24	Y
14	DBM	WS-C2960-48TC-L	FOC1324W28S	12.2	/24	Y
15	DBM	WS-C2960-48TC-L	FOC1324W29B	12.2	/24	Y
16	DBM	WS-C2960-48TC-L	FOC1324W29L	12.2	/24	Y
17	DBM	WS-C2960-48TC-L	FOC1324W290	12.2	/24	Y
18	DBM	WS-C2960-48TC-L	FOC1324W293	12.2	/24	Y

Annex 2E – DBM-Building II Wireless LAN Installed Hardware

Item	Floor / Area	Product Code	Serial Number	IP Address	Subnet	Confirmed Operational
1	3rd Floor (Data Center)	AIR-WLC4404-100-K9	FOC1322F09R	10.2.207.16	255.255.255.0	Yes
2	1st Floor	AIR-LAP1131AG-A-K9	FCW1325V07B	10.2.207.18	255.255.255.0	Yes
3	2nd Floor	AIR-LAP1131AG-A-K9	FCW1325V07A	10.2. 207.19	255.255.255.0	Yes
4	2nd Floor	AIR-LAP1131AG-A-K9	FCW1325V075	10.2. 207.20	255.255.255.0	Yes
5	2nd Floor	AIR-LAP1131AG-A-K9	FCW1325V078	10.2. 207.21	255.255.255.0	Yes
6	2nd Floor	AIR-LAP1131AG-A-K9	FCW1325V07D	10.2. 207.22	255.255.255.0	Yes
7	1st Floor	AIR-LAP1131AG-A-K9	FCW1325V076	10.2. 207.23	255.255.255.0	Yes
8	4th Floor	AIR-LAP1131AG-A-K9	FCW1325V07E	10.2. 207.24	255.255.255.0	Yes
9	4th Floor	AIR-LAP1131AG-A-K9	FCW1325V077	10.2. 207.25	255.255.255.0	Yes
10	3rd Floor	AIR-LAP1131AG-A-K9	FCW1325V07C	10.2. 207.26	255.255.255.0	Yes
11	3rd Floor	AIR-LAP1131AG-A-K9	FCW1325V079	10.2. 207.27	255.255.255.0	Yes
12	3rd Floor	AIR-LAP1131AG-A-K9	FCW1325V073	10.2. 207.28	255.255.255.0	Yes
13	1st Floor	AIR-LAP1131AG-A-K9	FCW1325V074	10.2. 207.29	255.255.255.0	Yes

Annex 2F – List of CISCO Equipments in DBM-Building II

DESCRIPTION	UNITS REQ	UNITS DEL	Units
CISCO EQUIPMENTS	1		lot
CORE Switch : 4510R-E Switch			
Cat4500 E-Series 10-Slot Chassis, fan, no ps,Red Sup Capable	2	2	units
Catalyst 4500 Gigabit Ethernet Module, 6 Ports (GBIC)	6	6	units
1000BASE-SX Short Wavelength GBIC (Multimode only)	34	34	units
1000BASE-LX/LH long haul GBIC (singlemode or multimode)	2	2	units
Catalyst 4500 Enhanced 48-Port 10/100/1000 Base-T (RJ-45)	2	2	units
Catalyst 4500 Enhanced 48-Port 10/100/1000 Base-T (RJ-45)	2	2	units
Catalyst 4500 E-Series Sup 6-E, 2x10GE(X2) w/ Twin Gig	2	2	units
Catalyst 45xxR E-Series Sup 6-E, 2x10GE(X2) w/ Twin Gig	2	2	units
Cisco CAT4500E IOS ENTERPRISE SERVICES SSH	2	2	units
Catalyst 4500 2800W AC Power Supply (Data and PoE)	2	2	units
Catalyst 4500 2800W AC Power Supply (Data and PoE)	2	2	units
10GBASE-LX4 X2 Module	2	2	units
US power cord,twist lock,nema 6-20 Plug	4	4	
Cisco Twin gig Converter module	8	8	
SHARED SUPP SDS WS-C4510R-E	6	6	units
L3 Switch: 3560 Switch			
Catalyst 3560 24 10/100/1000T + 4 SFP + IPB Image	1	1	units
Power cord 110 volt	1	1	
GE SFP,LC connector LX/LH transceiver	1	1	units
SHARED SUPP SDS, Catalyst 3560 24 10/100/1000T w/4 SFP S	3	3	units
Desktop Switch: 2960 Switch			
Catalyst 2960 24 10/100 + 2T/SFP LAN Base Image	5	4	units
GE SFP, LC connector SX transceiver	5	5	units
Power cord, 110 volt	5	5	
CSSP 8X5XSDS Catalyst 2960 24 10/100 + 2T/SFP LAN	15	15	units
Desktop Switch: 2960 Switch			
Catalyst 2960 48 10/100 + 2 T/SFP LAN Base Image	12	12	units
GE SFP, LC connector SX transceiver	12	10	units
Cisco Shared Support 8X5XSDS Catalyst 2960 48	36	36	units

10/100 + 2 T/SFP LAN			
10GE Ethernetr Switch: 3560E Switch			
Catalyst 3560E 24 10/100/1000+2*10GE(X2),265W,IPB s/w	1	1	units
10GBASE-SR X2 Module	2	2	units
SHARED SUPP SDS WS-C3560E-24TD-S	3	3	units
WLAN Controller: 4402			
4400 Series WLAN Controller for up to 50 Lightweight APs	1	1	units
AIR Line Cord Asia Pacific (APAC)	1	1	units
WLAN Controller:SW 4400 – ED	1	1	units
WLAN Controller:Emergency SW.for 4400 – ED	1	1	units
1000BASE-T SFP	1	1	units
SHARED SUPP SDS 4402-50 WLAN Controller	3	3	units
Access Point: 1131 AP			
802.11ag LWAPP AP Integrated Antennas FCC Cnfg	12	12	units
Power Injector Media Converter 1100, 1130AG, 1200,1230AG,521	12	12	units
AIR Line Cord Asia Pacific (APAC)	12	12	units
Power Supply In:100-240 VAC out:48 VDC 380mA 1100, 1130 AG.1200.521	12	12	units
SHARED SUPP SDS 802.11ag LWAPP AP Intg Ant FCC Cfg	36	36	units

Annex 2G – DBM-Building II Data Center Equipments and Facilities

1. **Environmental Control**

   a. Precision Air-Conditioning Unit (2 x 20TR Liebert DS)
   b. Monitoring System

2. **Power Distribution**

   a. UPS (2 x 40kVA Powerware 9355 Parallel Redundant System)
   b. Electrical and Lighting

3. **Security**

   a. CCTV (14 units MO5 Mega Pixel IP Camera, Model JNC-2433/2433E with recording 1 TB NAS)
   b. Biometric Access Control System (F707 with 3 level security)

4. **Fire Suppression**

   a. Fenwal Argonite Fire Protection System
   b. Model : F-38-2000
   c. LPCB fully approved, UL and FMRC compliance and tested, SSL compliant with FAS-102 and AS-4214
   d. With Environmental Monitoring System like Early Smoke Detection (ESD) and Early Fire Detection (EFD)

5. **GFI Network Monitoring System**

Note: Subject to a more detailed listing with technical specifications (upon request). Some equipments and facilities shall be managed by the DBM in-house manpower.

Annex 3 – Phone Extension Deployment Distribution

Telephone handsets deployment distribution:

| Site	Office		CURRENT		
			Extensions		Total
			Analog	Digital	Extension
1	Building I	Malacañang	On-going Construction	On-going Construction	On-going Construction
	Building II	Malacañang	40	60	100
	Building III	Malacañang	On-going Construction	On-going Construction	On-going Construction
	Arcache	Malacañang	4	4	8
2	Mabini Hall	Malacañang	72	4	76
3	RO – CAR	Baguio	2	-	2
4	RO – I	La Union	2	-	2
5	RO – II	Cagayan	2	-	2
6	RO – III	Pampanga	2	-	2
7	RO – IV-A	2/F PLJ Bldg	4	-	4
	NCR	3/F PLJ Bldg			
8	RO – IV-B	Quezon Ave	4	-	4
9	RO – V	Legazpi	2	-	2
10	RO – VI	Iloilo	2	-	2
11	RO – VII	Cebu	2	-	2
12	RO – VIII	Tacloban	4	-	4
13	RO – IX	Zamboanga	2	-	2
14	RO – X	Cagayan de Oro	2	-	2
15	RO – XI	Davao	2	-	2
16	RO – XII	Koronadal	4	-	4
17	RO – XIII	Butuan	2	-	2
Total			154	55	249

Note: Numbers of Analog and Digital in Bldg I, II, Arcache and Mabini is based on the active users.

Annex 4 – CURRENT Bandwidth Schedule

Site	Office	Location	Bandwidth (Existing)	Bandwidth Backup
Frame-relay / IP-VPN				
1	Building I	General Solano Street, San Miguel, Manila	2 runs of 6-core Fiber link (data) + 2 Mbps (voice PBX-PBX) buildings interconnection	NONE
	Building III	General Solano Street, San Miguel, Manila		
	Arcache – Building I	General Solano Street, San Miguel, Manila	1 x 155Mbps Fiber (data) connection speed between Buildings I and Arcache	NONE
2	Building I – Building III	General Solano Street, San Miguel, Manila	On-going construction	NONE
	Mabini – Building II	Malacañang	2048 Kbps (MPLS)	NONE
3	RO – CAR	Baguio	1024 Kbps (MPLS)	NONE
4	RO – I	La Union	1024 Kbps (MPLS)	NONE
5	RO – II	Cagayan	1024 Kbps (MPLS)	NONE
6	RO – III	Pampanga	1024 Kbps (MPLS)	NONE
7	RO – IV-A	2/F PLJ Bldg	1024 Mbps (Leased Line)	NONE
8	NCR	3/F PLJ Bldg	**Note:** Sharing one (1) router and one (1) switch to split the bandwidth of 512 kbps	
	RO – IV-B	Quezon Ave	1024 Kbps (MPLS)	NONE
9	RO – V	Legazpi	1024 Kbps (MPLS)	NONE
10	RO – VI	Iloilo	1024 Kbps (MPLS)	NONE
11	RO – VII	Cebu	1024 Kbps (MPLS)	NONE
12	RO – VIII	Tacloban	1024 Kbps (MPLS)	NONE
13	RO – IX	Zamboanga	512 Kbps / 512 Kbps (Frame-Relay)	NONE
14	RO – X	Cagayan de Oro	1024 Kbps (MPLS)	NONE
15	RO – XI	Davao	1024 Kbps (MPLS)	NONE
16	RO – XII	Koronadal	512 Kbps / 512 Kbps (Frame-Relay)	NONE
17	RO - XIII	Butuan	1024 Kbps (MPLS)	NONE
Internet				
1	Building II		5012 Kbps BTI	PBR
2	Building II		5012 Kbps ETPI	PBR

Annex 4A – DBM Current WAN Diagram

Annex 4A Continuation – DBM Current WAN Diagram

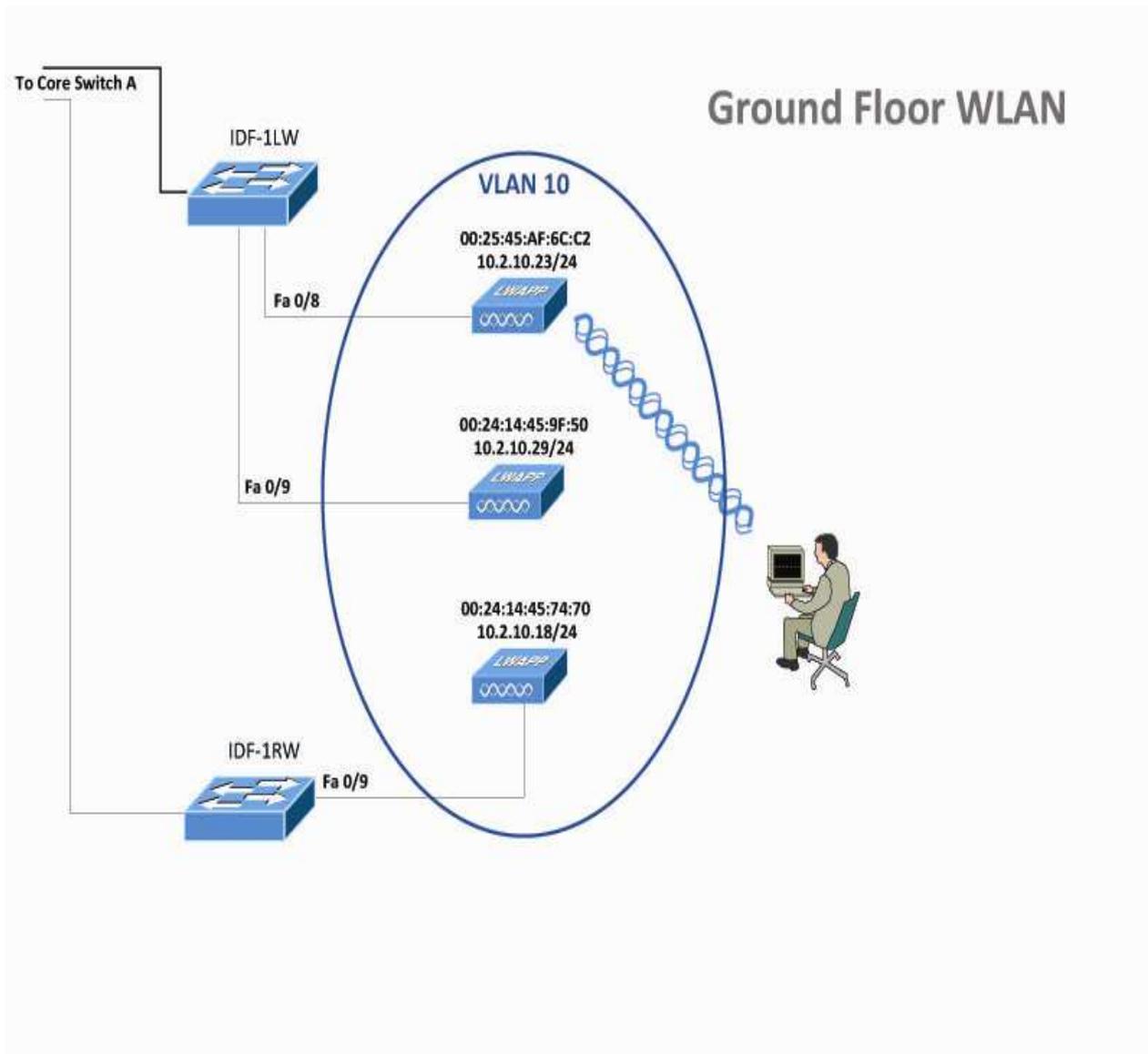**Annex 4B – DBM Building II Physical Network Diagram**
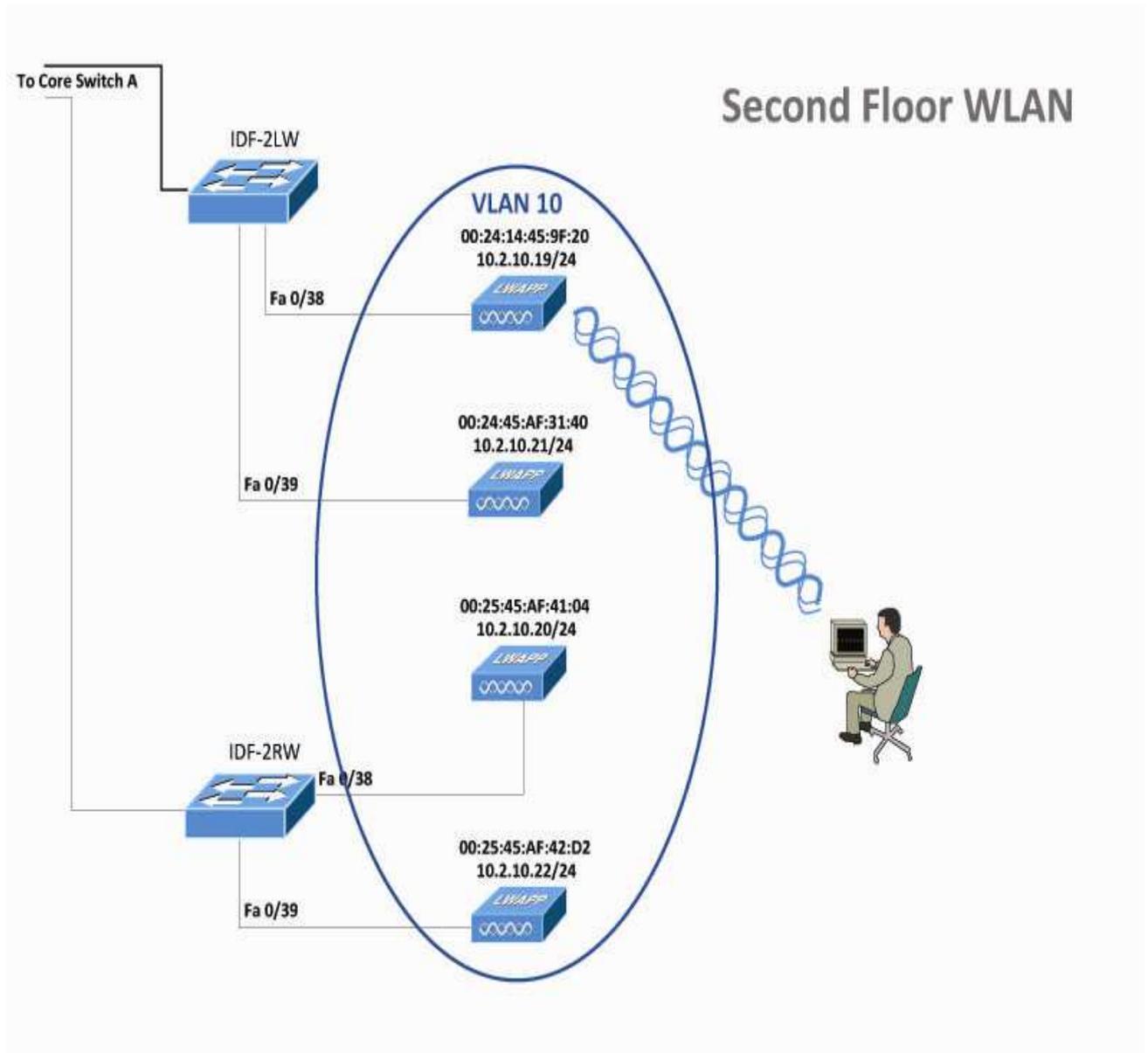
Department of Budget and Management
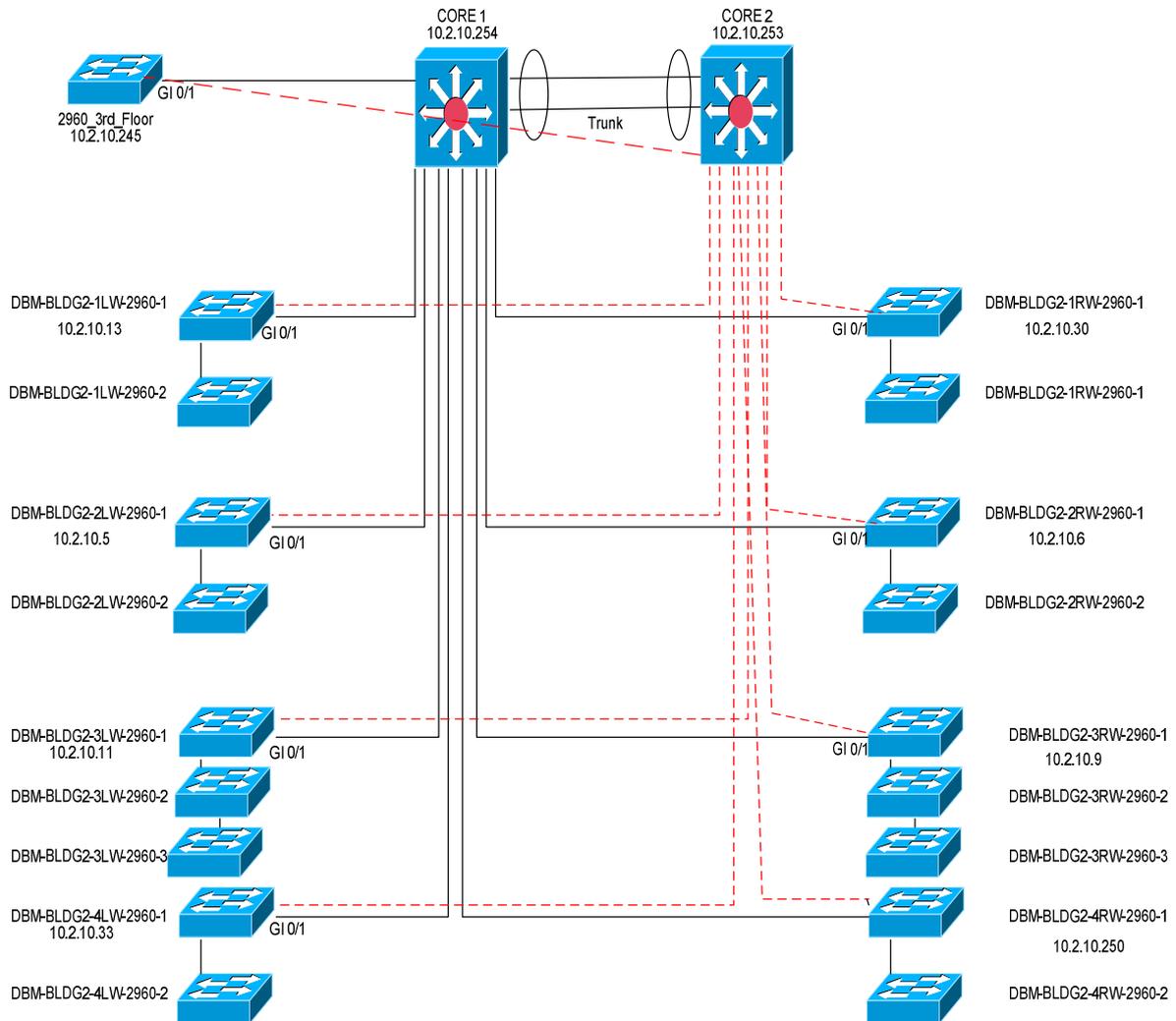
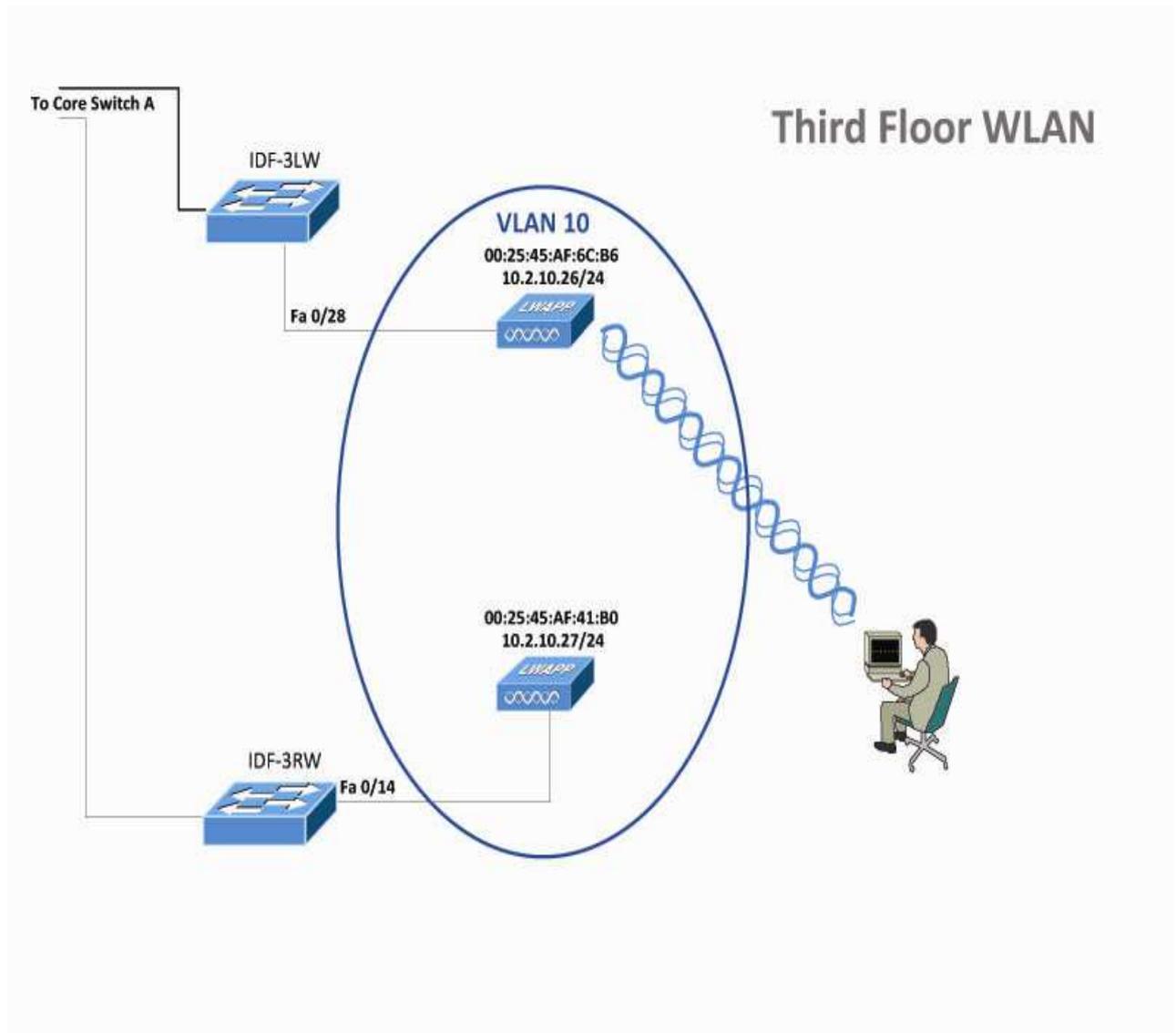**Annex 4C – DBM Building II WLAN Physical Network Diagram (1/5)**
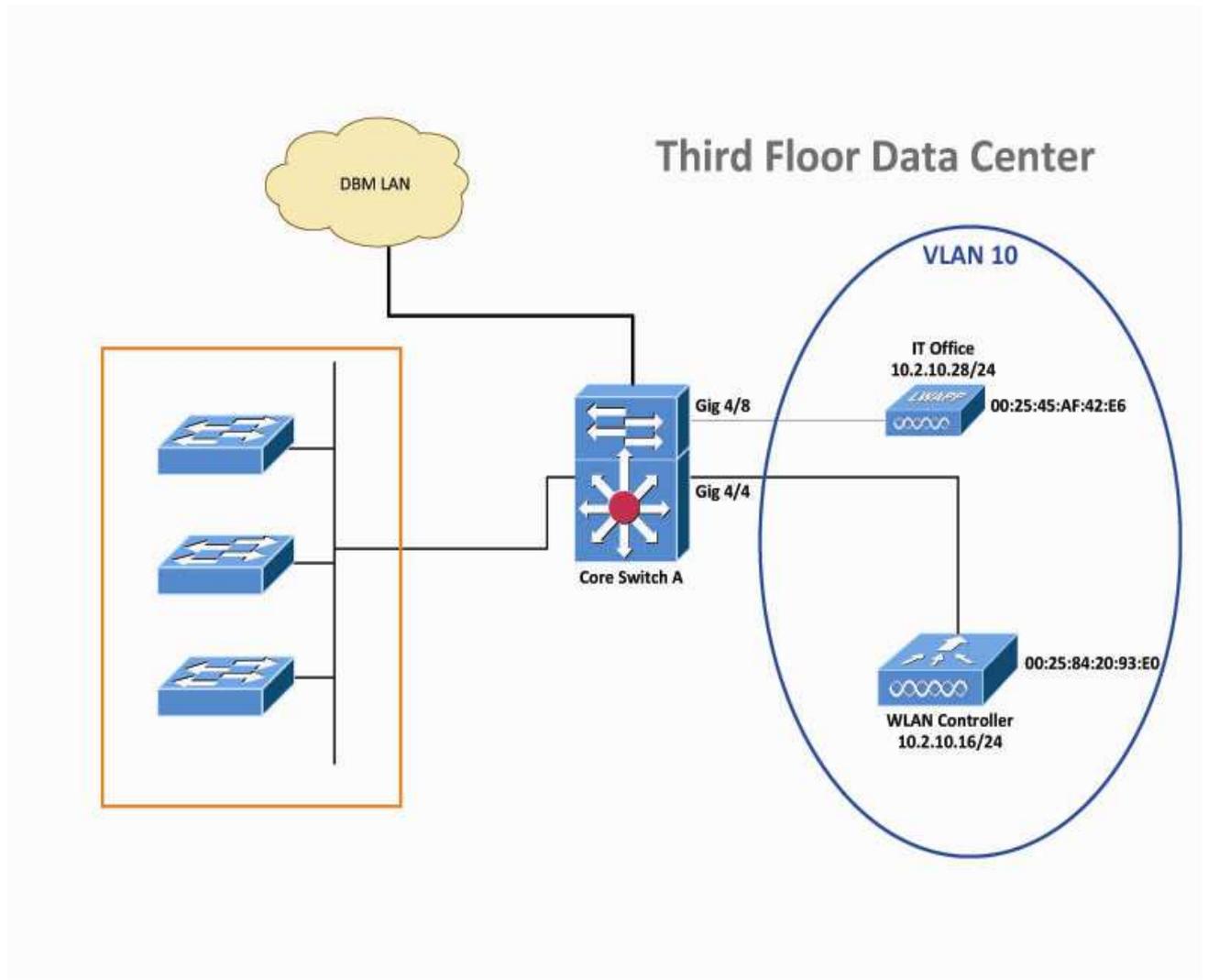
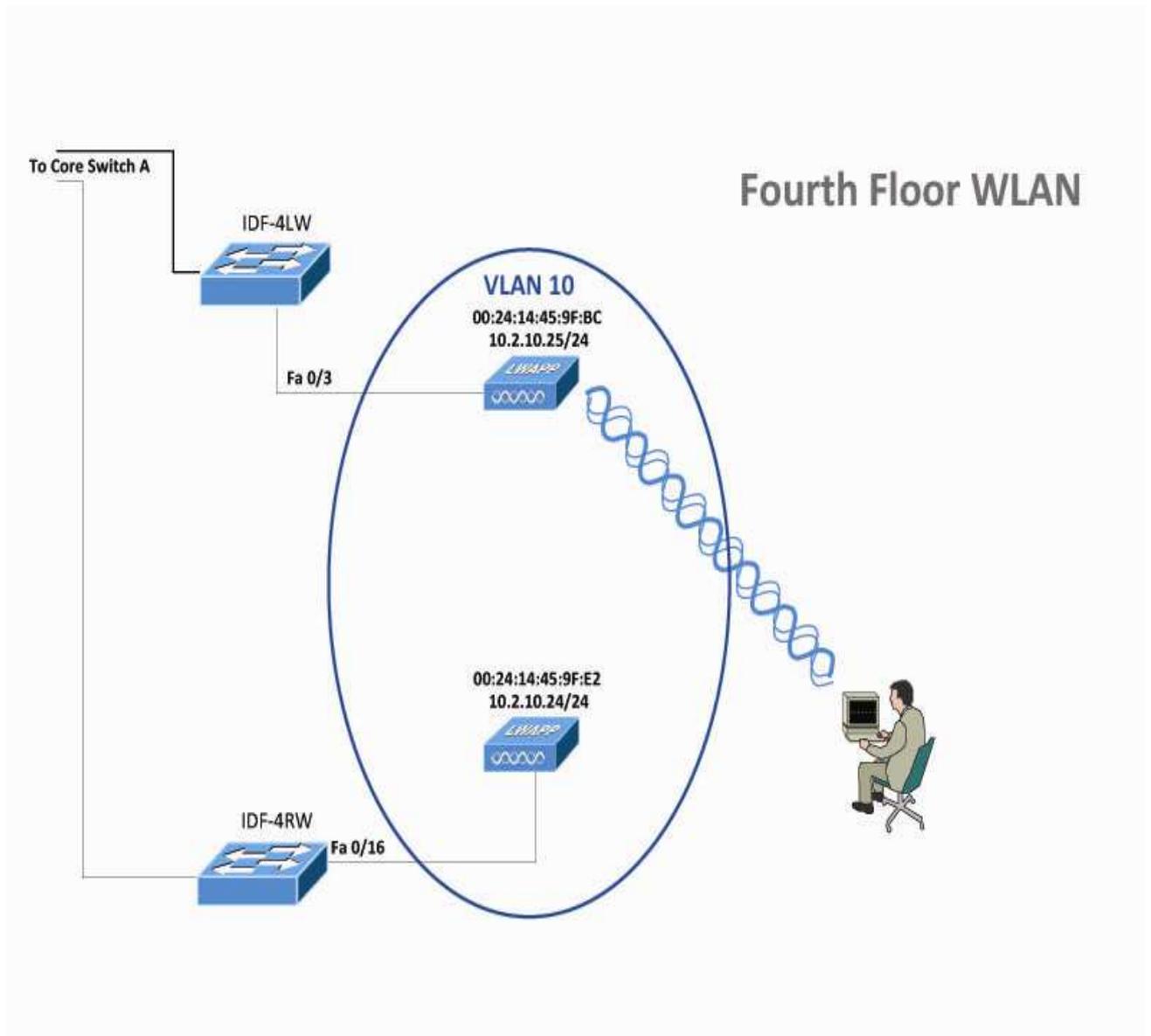**Annex 4C – DBM Building II WLAN Physical Network Diagram (2/5)**

Annex 4C – DBM Building II WLAN Physical Network Diagram (3/5)

Annex 4C – DBM Building II WLAN Physical Network Diagram (4/5)

Annex 4C – DBM Building II WLAN Physical Network Diagram (5/5)

Annex 5 – Regional Office Locations

WAN Site	Office	Address
1	Building I	Malacañang San Miguel 1005 Manila
	Building II	Malacañang San Miguel 1005 Manila
	Building III	Malacañang San Miguel 1005 Manila
	Building IV (Arcache)	Malacañang San Miguel 1005 Manila
2	Mabini Hall	Malacañang San Miguel 1005 Manila
3	Regional Office – I	Government Center Sevilla St San Fernando City 2500 La Union
4	Regional Office – II	Carig Tuguegarao City 3500 Cagayan
5	Regional Office – CAR	# 8 General F. Segundo st, Burnham-Legarda Brgy. Baguio City 2600
6	Regional Office – III	Government Center Maimpis San Fernando 2000 Pampanga
7	Regional Office – IV-A	2/F PLJ Bldg 755 Gen Solano St San Miguel 1005 Manila
	National Capital Region	3/F PLJ Bldg 755 Gen Solano St San Miguel 1005 Manila
8	Regional Office – IV-B	6th floor Asia Trust Bank Building 1424 Quezon Avenue Quezon City
9	Regional Office – V	Regional Center Site Rawis Legazpi City
10	Regional Office – VI	Gen Hughes St Iloilo City 5000
11	Regional Office – VII	Sudlon (near Eco-Tech Center) Lahug Cebu City 6000
12	Regional Office – VIII	Villa Ruiz Subdivision Marasbaras Tacloban City 6500
13	Regional Office – IX	Petit Barracks Zamboanga City 7000
14	Regional Office – X	Zone I National Highway Bulua Cagayan de Oro City 9000
15	Regional Office – XI	Km 3 Mc Arthur Highway Matina Davao City 8000
16	Regional Office – XII	Purok Centro 11 Bgy Morales Koronadal City South Cotabato
17	Regional Office - XIII	J. Rosales Avenue, Butuan City

Annex 6 – Current Service Provider Service Units Deployed at DBM

Location			Device Name	Description	Qty.	Model	Serial#/MAC address	Status	Date Delivered	Function/s	Remarks
Item	Bldg.	Flr.									
CPU	Bldg 2	3rd	Lenovo	Complete set with LCD	2	Idea-centre	VS10180721 VS10180660	Working	6/8/2011	Comnet Desktop	Complete set with LCD
Keyboard	Bldg 2	2nd	Lenovo	PS/2	2	SK9500	11076896 0C098236	Working	6/8/2011	Comnet Desktop	2 units located at bldg 2
Printer	Bldg 2	3rd	HP	Colored printer	1	OfficeJet J4660	CN 14DD3085	Working	1/4/2008	Comnet Desktop	1 unit located at bldg 2
Mouse	Bldg 2	3rd	Lenovo	Black colored mouse	2	MODWUO	188010 188249	Working	6/8/2011	Comnet Desktop	2 units located at bldg 2
Laptop	Bldg 2	2nd	Lenovo	Thickpad	2	Edge	60:EB:69:E3:CA:FC 60:EB:69:E3:CB:7C	Working	6/8/2011	Service laptop	2 units located at bldg 2
Water Dispenser	Bldg 2	2nd	N/A	Hot/Cold Dispenser	1	Victory	201011375	Working	6/8/2011	Water Dispenser	1 unit located at bldg 2
Media Converter	Bldg 1 and Arcache	Server room	Dlink	Media Converter w/ Power adaptor, with fiber patch panduit	2	DMC-300SC	N/A	Working	6/8/2011	Use for local lines of regional offices	Comnet Service Unit