



BUREAU OF HUMAN RESOURCES

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REQUEST FOR PROPOSAL

Date of Issue: **January 14, 2022**

RFP No.: **PCS-2022-004**

SOLICITATION INFORMATION AND SELECTION SCHEDULE

Solicitation (RFP) Number: PCS-2022-004

Solicitation Title: To provide software modifications and maintenance for the Republic of Palau's Information System at the National Capitol Complex, Palau Post Office Integrated Retail Terminal (IRT) System, Bureau of Revenue & Taxation's Management System (FNMS), the Bureau of Customs & Border Protection's Customs Information System (CIS), Division of Labor's Management System (DOLMS), Immigration's Building Management System (BMS), the Bureau of Public Safety System and the Office of the Attorney General's computer system network

Date of Issue: January 14, 2022

MANDATORY REQUIREMENTS AND DATES

Inquiries Due Date: January 19, 2022 (Wednesday) 4:00 pm Palau Time

Answers/ Response: January 20, 2022 (Thursday) 11:00 am Palau Time

Expression of Interest: January 21, 2022 (Friday) 4:00 pm Palau Time

Proposal Due Date and Time: January 28, 2022 (Friday) 4:00 pm Palau Time

RFP Opening Date: January 31, 2022 (Monday) 10:00 am Palau Time

Anticipated Contract Award: February 28, 2022

Terralyn R. Nabeyama
Director/Procurement Officer

SECTION A – RFP INFORMATION

I. RFP Purpose, Type, Process

- a. Purpose. The Bureau of Human Resources of the Government of Palau is soliciting proposals from interested qualified individual, business agencies or institutions **to provide software modifications and maintenance for various information and computer systems within the Republic of Palau National Government**
- b. Interested vendors may obtain copies of specifications by contacting the Bureau of Human Resources Procurement website <http://palaugov.pw/rfp-bids/> or calling 680-767-2415.
- c. Type of RFP. This is a *competitive negotiated contract where evaluation is based on various criteria.*
- d. Funding. This project will be fully funded by **local funding**. Award of contract is subject to the availability of funds. Offers or proposals may also be rejected and no contract may be awarded by the Procurement Officer pursuant to the Republic of Palau Procurement law.
- e. Inspection. Offeror acknowledges that the submission of a proposal provides the Republic of Palau the right to inspect at reasonable time the part of the plant or place of business of a contractor or subcontractor which is related to the performance of any contract awarded by the government. Failure to allow inspection may result in the rejection of the proposal/offer.
- f. Business Laws and Taxes. A successful contractor must comply with local business laws and shall be subject to applicable Republic of Palau taxes and fees. In order to be awarded a contract, **a vendor shall provide proof of applicable Republic of Palau Business Licenses** as well as be in good standing with the Bureau of Revenue and Taxation.
- g. Potential finalist interviews/demonstrations: If necessary, the Procurement Officer will notify vendors for additional information and/or discussions. However, it is required that **proposals shall be inclusive of any and all information** needed for the ROP to make a determination on the best proposal.
- h. Award. It is anticipated that a vendor will be awarded within 30 days of the Bid opening unless otherwise approved by the Procurement Officer.

II. Preparation/Submission of Proposal

- a. Intention to Bid. In order for your business to be considered for this RFP, you **MUST** submit a written Expression of Interest (EOI) to the Procurement Officer by January 21, 2022 by emailing hr@palaugov.org or providing a written EOI to the Bureau of Human Resources Office located at the 3rd Floor Executive Building in Ngerulmud, Melekeok. The email or letter shall include Business or organization Name, Point of Contact or Authorized Representative, phone number, email address, and statement of your interest to bid.
- b. Vendors are invited to participate in the competitive selection process for the Services outlined in this RFP. Responding parties shall review their Proposal submissions to ensure the following requirements are met.
- c. Required Submittal Details and Quantities. ***Proposals must be submitted in electronic format (in a USB/thumb drive) of the finalized proposal, one (1) original printed proposal and three (3) hard copies. Proposals must be enclosed in an envelope and addressed to the above address with the RFP No. indicated on the envelope.*** In addition to the hard copies of the proposal, one complete and exact copy of the entire proposal on CD-ROM or Flash Drive in Microsoft Office or Microsoft Office compatible format or PDF format shall also be submitted. The electronic copy must be a mirror image of the hard copy. Proposals must be received by the Bureau of Human Resources Office in Capitol by 4:00pm (Palau Time) on January 28, 2022 which is the closing date of this RFP. Proposals received before the issuance date and after the closing date of this RFP will not be considered.
- d. Proposal Format. Please comply with the following format:
 - i. Section 1 – Provide the Company Information – Name and contact information of authorized representative, copy of Business License, other information relevant to the service.
 - ii. Section 2 – Description services, schedules, etc.
 - iii. Section 3 – Total Cost of Proposal.
- e. Vendor Responsibilities. All Vendors shall:
 - i. examine the entire RFP,
 - ii. seek clarification of any item or requirement that may not be clear,
 - iii. check all responses for accuracy before submitting a Proposal and,
 - iv. submit the entire Proposal by the Proposal Due Date and Time.
- f. Cost of Proposal Preparation. The ROP does not reimburse the cost of developing, presenting or providing any response to this solicitation. Proposals submitted for

consideration should be prepared simply and economically, providing adequate information in a straightforward and concise manner. The Vendor is responsible for all costs incurred in responding to this RFP. All materials and documents submitted in response to this RFP become the property of the ROP and will not be returned.

III. Inquiries

- a. All Inquiries and Clarification shall be received by email hr@palaugov.org no later than 4 pm (Palau Time) **January 19, 2022.**
- b. Answers/Responses to Inquiries shall be available online at <https://www.palaugov.pw/rfp-bids/> - COB on **January 20, 2022.**

IV. RFP Timeline:

Bidding Period	January 14 - 28, 2022
Inquiries/Clarification Due	January 19, 2022 (4pm Palau Time)
Answers Responses will be Posted After	January 20, 2022 (11am Palau Time)
Expression of Interest	January 21, 2022 (4pm Palau Time)
RFP Closing Date	January 28, 2022
RFP Opening Date	January 31, 2022
Anticipated Contract Award	February 28, 2022

Project Title:

To provide software modifications and maintenance for the Republic of Palau’s Information System at the National Capitol Complex, Palau Post Office Integrated Retail Terminal (IRT) System, Bureau of Revenue & Taxation’s Management System (FNMS), the Bureau of Customs & Border Protection’s Customs Information System (CIS), Division of Labor’s Management System (DOLMS), Immigration’s Building Management System (BMS), the Bureau of Public Safety System and the Office of the Attorney General’s computer system network

Background:

The Republic of Palau is seeking a qualified vendor to provide the above services for various computer network and information systems.

These systems are currently online.

System	Online Since	Program Specification	Description
Capital Buildings IT Infrastructure System (President Office, Executive, OEK, Legislative, Judiciary Buildings)	2006	Networking / Cabling / Servers / Telecommunication system / CCTV / Time attendance RMS system	<ul style="list-style-type: none"> ● The capital buildings Network Infrastructure, which includes the firewall, core switch, buildings VLAN setting, Wifi system, buildings fiber backbone and network cabling. ● CCTV system which includes Capital inside and outside cameras and DVR servers ● Server for Website, DNS, Proxy, File, Backup ● Time attendance system, RMS system, Door security system and RFID card system ● Capital Telecommunication telephone system and IVR system
Labor DOLMS System	2008	System Developed using ASP.NET, C++, and VB.NET.	<ul style="list-style-type: none"> ● Division of Labor Management System and issues labor permit card.
Customs CIS System	2012	System Developed using ASP.NET, C++, and VB.NET. / CCTV	<ul style="list-style-type: none"> ● Customs system as well as declaration filling, cashier, audit and tracking function for Customs service at airport, sea port, post office and main office. ● Customs Office Time attendance system, RMS system, RFID card system. ● Customs Website Portal System. ● Customs Office telephone system. ● CCTV system which includes cameras at main office and airport and DVR system.
Post Office IRT System	2013	System Developed using ASP.NET, C++, and VB.NET./ CCTV	<ul style="list-style-type: none"> ● A point-of-sale system for selling postage and tracking post office inventory. ● Post Office Website Portal System. ● CCTV system which includes cameras at main office and airport and DVR system.
MOF Tax System	2014	System Developed using ASP.NET, C++, and VB.NET. CCTV	<ul style="list-style-type: none"> ● Employee and employer tax filling form process system for tax-100, 200, 201, 300, 301, 302, 303.... ● Business license renewal and registration process and form for Tax-001, 001A, 002, 003.... ● Finance tax information system with tracking audit record and collection section system ● Finance time attendance system, RMS system, RFID card system.

			<ul style="list-style-type: none"> ● CCTV system which includes cameras at main office and airport and DVR system.
Immigration BMS System	2014	System Developed using ASP.NET, C++, and VB.NET.	<ul style="list-style-type: none"> ● Border management system as well as Passenger entry and departure tracking service. ● Border management system as well as passport scan, finger and photo scan tracking system. ● BMS service include sea port immigration. ● Immigration time attendance system, RMS system, RFID card system.
MOJ BPS system	2016	System Developed using ASP.NET, C++, and VB.NET.	<ul style="list-style-type: none"> ● Bureau of public safety system which include drive license testing, Vehicle Operator license, Inspect & Register Vehicles service. ● BPS system processing for Issue Police Clearances, Personal Identification. ● BPS system as well as jail management and Patrol management system. ● MOJ Website Portal System
AG's office system	2016	System Developed using ASP.NET, C++, and VB.NET.	<ul style="list-style-type: none"> ● AG's office information system with tracking BPS data and Judiciary JIS system

Due to and maintenance requirements and the need to modify these systems to comply with current laws and regulations, ROP National Government is soliciting vender who can provide the following services.

Vendors who are interested in submitting proposals MUST bid on all items listed below; however, their proposals and cost proposals MUST be separated by system and items below:

Item 1. Vender must provide a two-year Hardware maintenance plan for the following systems:

- Capital Buildings IT Infrastructure
- Labor DOLMS System
- Post Office IRT System
- Finance Tax System
- Immigration BMS System
- Customs CIS System
- MOJ BPS system
- AG's Office system

- Vendor must propose a plan to ensure maintenance, repair, and direct replacement of all devices listed on **Appendix A**. vendor will be responsible for:
 - ✓ All Hardware maintenance must keep all system working well
 - ✓ Vender will be responsible for system IT infrastructure analysis and diagram, include server and network diagram, VLAN setting, firewall configuration, VPN infrastructure, IP policy.
 - ✓ Direct replacement of **defective or damaged hardware** and HDDs.
 - ✓ License renewal (firewall UTM & Maintenance yearly license renews).
 - ✓ Install configure any replacement hardware.
 - ✓ Any necessary on-site maintenance is a requirement.
 - ✓ Quarterly on-site service is a requirement.
 - ✓ Provide hardware include server and network maintenance monthly reports.
 - ✓ Backup server data and operating systems (provide disk image) for all hardware servers, including Database server, Application server, VMWare Server, File server, Backup Server, Website Server, Mail Server, Cloud Backup and Storage server.
- Vendor must propose a plan to ensure maintenance, repair, programming and direct replacement of Capital Buildings Telecommunication system which include PBX programming, MDF phone line setting and IVR systems. The telecommunication system MDF phone number listed on **Appendix B**. vendor will be responsible for:
 - ✓ All Telecommunication hardware maintenance to keep all systems working well
 - ✓ Replace all defective or damaged hardware, PBX, IVR and batteries
 - ✓ Provide PBX and IVR systems programming to comply new requirement
 - ✓ Provide programming for Department Grouping for extension and CO line MDF setting
 - ✓ Provide MDF line adjust to comply new requirement
 - ✓ Any necessary on-site maintenance is requirement

Item 2. Vender must provide a two-year Software maintenance plan for the following system:

- Labor DOLMS System
 - Post Office IRT System
 - Finance Tax System
 - Immigration BMS System
 - Customs CIS System
 - MOJ BPS system
 - AG's office system
 - Justice Information System (Immigration Phase 3 Project)
- Vendor must be proficient in the following Programming Language: ASP.NET, C++, and VB.NET. Vendor will be responsible for:
 - ✓ All applications are on line service; the maintenance must keep all systems working well.
 - ✓ Vender must debug existing application and database system to fix any system errors.
 - ✓ Vender will be responsible for all systems application business process, system flow analysis and system database schema code analysis.
 - ✓ Vender will be responsible for fix system bugs; adjust functions and new functions design.
 - ✓ Provide 7*24 hours on line maintenance service for fix the system problem.
 - ✓ Any necessary on-site maintenance if necessary.

- ✓ Ensure application database system operate within desired limits.
- ✓ Ensure Website systems operational and updated.
- ✓ Software License renewal (include domain name register yearly renew, anti-virus system license renews)
- ✓ Provide software maintenance monthly reports.
- ✓ Provide application system and Website system maintenance monthly reports.
- **Vendor must provide 800 hours/per system for totally 8 systems, totally 6400 hours of system modifications and new functions, programming services in ASP.NET, C++, and VB.NET to develop new functional requirements to the identified systems within the 2-year maintenance period:**
 - ✓ Create new modules and functions as required
 - ✓ Modify current functions and modules to meet current needs.
 - ✓ Modify current reports or add/delete new column in current reports of modifications that are not in the current system.
 - ✓ Create new reports as required.
 - ✓ Modify website and portal as required.

Item 3. Vendor must provide 24 hrs./7 days a week support for the following systems:

- Labor DOLMS System
- Post Office IRT System
- Finance Tax System
- Immigration BMS System
- Customs CIS System
- MOJ BPS System
- AG's Office System

Provide **plan** and direct contact information for support services, and any other means of support contacts.

- ✓ Line Messenger
- ✓ Phone Number
- ✓ Email.

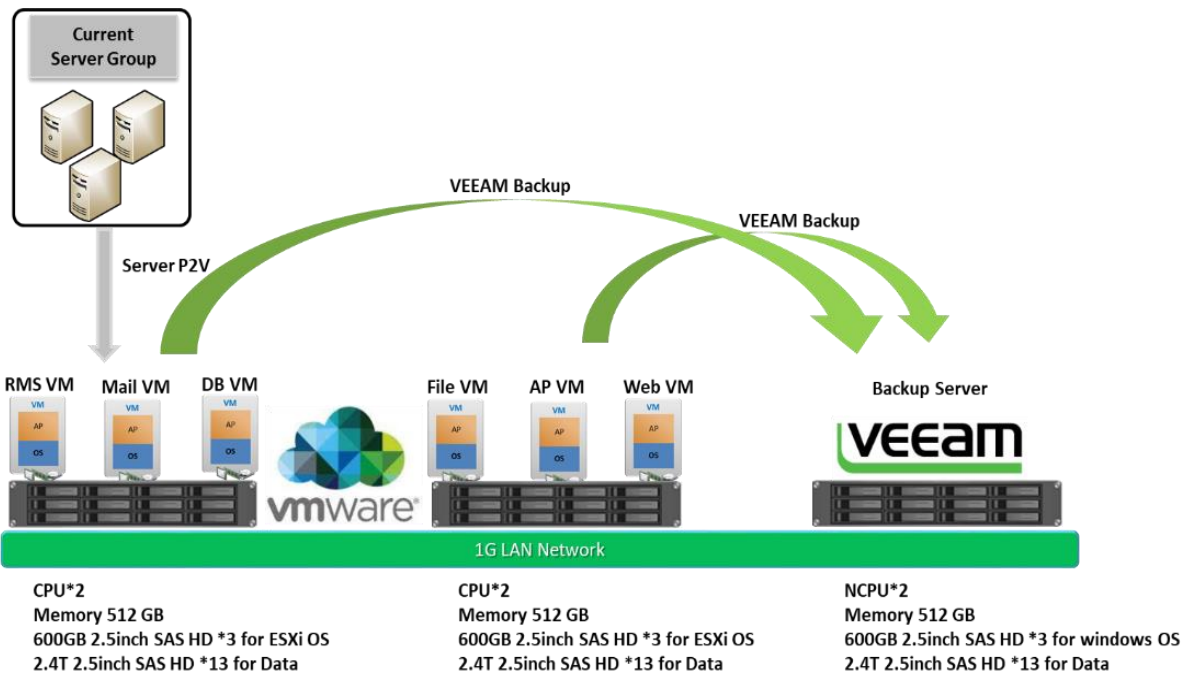
Item 4. Vendor must provide system P2V (Physical to Virtual) and Windows & SQL server upgrade plan for the following systems:

- Labor DOLMS System
- Post Office IRT System
- Finance Tax System
- Immigration BMS System
- Customs CIS System
- MOJ BPS System
- AG's Office System

Vendor must propose a plan to ensure above 7 systems hardware replacement from Physical to Virtual and backup solution. And upgrade the system to windows 2019 and SQL server 2019 as required. Vendor will be responsible for:

- ✓ All Hardware replacement must keep all systems working well
- ✓ Vender must Install and configure any P2V hardware replacement for all system
- ✓ Vender must provide P2V plan for each system on site in each system location
- ✓ Provide all hardware and software for P2V service needed
- ✓ The server spec. must equal or higher then below diagram
- ✓ Upgrade system to windows 2019 and SQL server 2019

NO	SPEC for Each System	Qty. for Each System	Systems	Qty. For all systems
1	CPU*2 / Memory 512 GB / HD 600GB SAS 10K *3 (for OS) / HD 2.4T SAS 10K *13 (for Data)	3	7	21
3	VMware vCENTER Server License	1	7	7
4	VMware vSphere Standard For 1CPU License	4	7	28
5	Veeam Backup & Replication Standard For 1CPU License	4	7	28
6	Windows Server 2019 Standard For Veeam Backup Server License	1	7	7
7	Windows Server 2019 Datacenter 16Lic NL Core License	2	7	14
8	Windows SQL Server 2019 Enterprise 2 Core License	1	7	7



Requirements:

- ✓ Vendor must bid on all aspect of each item.
- ✓ Plans and prices for software and hardware maintenance must be **separated by each system**.
- ✓ Hardware Software maintenance must be valid for **2 years** with options to extend contract.
- ✓ Must have demonstrated capability to successfully fulfill scope of work.
- ✓ Must be able to install equipment and train personnel on the use of the equipment.
- ✓ Must have demonstrable means of servicing and maintaining equipment throughout and beyond the warranty period.
- ✓ Prices quoted must be in US Dollars

Evaluation Criteria:

- ✓ Feasibility and appropriateness of proposal (30%)
- ✓ Demonstrable capability to provide the skills and experience in system modifications (30%)
- ✓ Experience with ASP.NET, C++, and VB.net (20%)
- ✓ Experience with the appropriate hardware and systems (20%)

Proposal Received Shall Contain the Following:

- ✓ Pricing: Fee proposal and payment schedule requested.
- ✓ Information on relevant experience.
- ✓ Information on successful database implementation projects.
- ✓ Bio-Data of person or persons who will perform the required service.
- ✓ A detailed plan and schedule for accomplishment of the above task.

Appendix A

1. List of Capital Buildings IT Devices:

NO	Description
1.	PBX System – NEC NEAX 2000IPS with Battery system
2.	PBX System – NEC NEAX 2400IPX with Battery system
3.	IVR System - Interactive Voice Response system
4.	Network – Core Switch, Building Switch, Wi-Fi system, Cabling, Fiber Backbone
5.	Firewall * 2 sets – Fortinet FG-200D with UTM & maintenance license
6.	Severs – Website Server, DNS Server, RMS Server, Backup Server and File Server
7.	Security System – Door Security, 64 sets Camera and Digital Video Recording Server * 4 sets
8.	Time and Attendance System include RFID card system and care reader device

2. List of Post Office IRT System:

NO	Description	Brand/Model	Quantity
1	Web Server	DELL PowerEdge R210 II	1
2	POS Server	DELL PowerEdge R210 II	1
3	Firewall	Fortinet FG-90D with UTM & maintenance license	1
4	L2 Gigabit Switch Hub (24 Port)	D-Link DGS 1024D	5
5	CCTV Monitor System	FINE 940IRC	16
		DVR D480 server	1

3. List of Labor DOLMS System:

NO	Description	Brand/Model	Quantity
1	Application Server	DELL Power Edge R330	1
2	Database Server	DELL Power Edge R330	1
3	Backup Server	DELL Power Edge R330	1
4	Firewall	Fortinet FG-90D with UTM & maintenance license	1
5	L3 Core Switch	Extreme Summit X440-48T	1
6	Gigabit Switch Hub	D-Link DGS 1024D	2
7	Wi-Fi AP	D-Link DWL 3200AP	2
8	Card Printer (Double side print)	ZEBRA ZXP Series 3 Card Printer (Dual Side)	1
9	Rack Switch	ATEN 16 Port Rack KVM Switch	1
10	Security Anti-Virus System for Server and 100 clients computer	TREND Office Scan 11	1

4. List of Immigration BMS System:

NO	Description	Brand/Model	Quantity
1	Application Server	DELL Power Edge R720	1
2	Database Backup Server	DELL Power Edge R720	1
3	Backup Server	DELL Power Edge R320	1
4	NAS Storage Server	DELL MD 3200 Storage Server	1
5	Firewall	Fortinet FG-90D with UTM & maintenance license	4
6	L3 Gigabit Core Management Switch (48 Port)	Extreme Summit X440-48T	4

7	L2 Gigabit Switch Hub (24 Port)	D-Link DGS 1024D	2
8	Wi-Fi AP	D-Link DWL 3200AP	2
9	Time & Attendance System	RAC 900 Recorder	4
		Zebra P310i Card Printer	1
10	Rack LCD KVM Switch	ATEN 16 Port Rack KVM Switch	1
11	Security Anti-Virus System for Server and 100 clients computer	TREND Office Scan 11	1

5. List of Customs CIS System:

NO	Description	Brand/Model	Quantity
1	Web / Mail / DNS Server	DELL Power Edge R210	1
2	Application Server	DELL Power Edge R720	1
3	Database Server	DELL Power Edge R720	1
4	Storage Server	DELL MD 3200 Storage	1
5	File Server	DELL Power Edge R720	2
6	Firewall	Fortinet FG-90D with UTM & maintenance license	5
7	L3 Gigabit Core Switch (48 Port)	Extreme Summit X440-48T	2
8	L2 Gigabit Switch Hub (24 Port)	D-Link DGS 1024D	10
9	Wi-Fi AP	D-Link DWL 3200AP	10
10	Time & Attendance System	RAC 900 Recorder	4
		Zebra P310i Card Printer	1
11	CCTV Monitor System	IR-955 Camera at Koror Office	16
		IR-955 Camera at Airport	32

		DVR Server	3
12	Rack LCD KVM Switch	ATEN 16 Port Rack KVM Switch	1
13	Security Anti-Virus System for Server and 100 clients computer	TREND Office Scan 11	1

6. List of Finance Tax System:

NO	Description	Brand/Model	Quantity
1	Web / DNS / File Server	DELL Power Edge R720	1
2	Application & Database Server	DELL Power Edge R720	1
3	Application & Database Backup Server	DELL Power Edge R720	1
4	Storage Server	DELL MD 3200 Storage	1
5	Firewall	Fortinet FG-90D with UTM & maintenance license	4
6	L3 Gigabit Core Management Switch (48 Port)	Extreme Summit X440-48T	5
7	L2 Gigabit Switch Hub (24 Port)	D-Link DGS 1024D	10
8	Wi-Fi AP	D-Link DWL 3200AP	5
9	CCTV / IP Camera Monitor System	FINE IP Camera	32
		FINE NVR Server	2
10	Time & Attendance System	RAC 900 Recorder	4
		Zebra P310i Card Printer	1
11	Rack LCD KVM Switch	ATEN 16 Port Rack KVM Switch	1
12	Security Anti-Virus System for Server and 100 clients computer	TREND Office Scan 11	1

7. List of MOJ BPS system

NO	Description	Brand/Model	Quantity
1	Application Server	DELL Power Edge R720	1
2	Database Server	DELL Power Edge R720	1
3	Backup Server	DELL Power Edge R330	1
4	Firewall	Fortinet FG-90D with UTM & maintenance license	6
5	L3 Core Switch	Extreme Summit X440-48T	2
6	Gigabit Edge Switch Hub	D-Link DGS 1024D	4
7	Wi-Fi AP	D-Link DWL 3200AP	2
8	Time & Attendance System	RAC 900 Recorder	4
		Zebra P310i Card Printer	1
9	Rack LCD KVM Switch	ATEN 16 Port Rack KVM Switch	1
10	Security Anti-Virus System for Server and 100 clients computer	TREND Office Scan 11	1

8. List of AG's office system

NO	Description	Brand/Model	Quantity
1	Application Server	DELL Power Edge R330	1
2	Database Server	DELL Power Edge R330	1
3	Backup Server	DELL Power Edge R330	1
4	Firewall	Fortinet FG-90D with UTM & maintenance license	1
5	L3 Core Switch	Extreme Summit X440-48T	1
6	Gigabit Switch Hub	D-Link DGS 1024D	2
7	Wi-Fi AP	D-Link DWL 3200AP	2
8	Rack LCD KVM Switch	ATEN 16 Port Rack KVM Switch	1
9	Security Anti-Virus System for Server and 100 clients computer	TREND Office Scan 11	1

3C

PBX C

011060(Dterm)					011070(Dterm)					
0	1	2	3	4	5	6	7	8	9	10
	6745	6746	6747	6748	6749	6750	6891	6892	6893	5794
	2	2	2	2	2	2	2	2	2	15
011080(Dterm)										
1	1	2	3	4	5	6	7	8	9	10
	6895	6896	6039	6302	6304	6900	6618	7292	7293	7294
	2	2	2	2	2	15	2	1	1	1
011090(Dterm)										
2	1	2	3	4	5	6	7	8	9	10
	6176	6309	6320	6321	/	6323	6324	6328	6329	6330
	3	2	2	2	/	2	2	2	2	2
011100(Dterm)										
3	1	2	3	4	5	6	7	8	9	10
	6332	6333	6335	7440	7441	7442	7443	7444	7445	7446
	2	2	2	15	15	15	15	15	15	15
011110(Dterm)										
4	1	2	3	4	5	6	7	8	9	10
	7447	7448	7449	7450	7451	7452	7453	7454	7455	/
	15	15	15	15	15	15	15	15	15	/
001140					001150					
5	1	2	3	4	5	6	7	8	9	10
	7900	7901	7902	7903	7904	7905	7906	7907	7908	7909
	IVR	IVR	IVR	IVR	IVR	IVR	IVR	IVR	IVR	IVR
001180										
6	1	2	3	4	5	6	7	8	9	10
	7910	7911	7912	7913	7914	7915	CCIS	CCIS	CCIS	CCIS
	IVR	IVR	IVR	IVR	IVR	IVR				
001190										
7	1	2	3	4	5	6	7	8	9	10
	CCIS	CCIS	CCIS	CCIS	/	CCIS	CCIS	CCIS	CCIS	CCIS
					/			E1 RARB		
001220										
8	1	2	3	4	5	6	7	8	9	10
	CCIS	CCIS	CCIS	ATT	ATT	三方	三方	三方	三方	三方
		E1 TATB								
001230										
9	1	2	3	4	5	6	7	8	9	10
	三方	三方	三方	三方	三方	三方	三方	三方	三方	/
				ATT0				ATT1		/

3D

PBX D

000000(Dterm)					000010(Dterm)					
0	1	2	3	4	5	6	7	8	9	10
		5001	5238	5003	5004	5240	5006	5007	5008	5009
		6	8	6	6	6	6	6	6	6

000020(Dterm)										
1	1	2	3	4	5	6	7	8	9	10
	5010	5011	5012	5013	5014	5015	5241	5017	5018	5019
	6	6	6	6	6	6	6	6	6	6

000030(Dterm)										
2	1	2	3	4	5	6	7	8	9	10
	5020	5021	5022	5023		5024	5025	5026	5027	5028
	6	5	6	6		6	6	6	6	6

000040(Dterm)										
3	1	2	3	4	5	6	7	8	9	10
	5029	5030	5076	5077	5078	5242	5080	5081	5082	5083
	6	6	5	5	5	8	5	5	5	5

000050(Dterm)										
4	1	2	3	4	5	6	7	8	9	10
	5243	5085	5467	5087	5088	5089	5090	5091	5092	
	8	5	10	5	5	5	5	5	5	

002000(Dterm)					002010(Dterm)					
5	1	2	3	4	5	6	7	8	9	10
	5093	5468	5095	5096	5097	5098	5151	5152	5153	5154
	5	10	5	5	5	5	4	4	4	4

002020(Dterm)										
6	1	2	3	4	5	6	7	8	9	10
	5155	5156	5473	5476	5159	5160	6153	6155	6156	6157
	4	4	10	12	4	4	3	3	3	3

002030(Dterm)										
7	1	2	3	4	5	6	7	8	9	10
	6158	6159	6162	6163		6165	6166	6167	6169	6172
	3	3	3	3		3	3	3	3	3

002040(Dterm)										
8	1	2	3	4	5	6	7	8	9	10
	6174	6175	6178	5177	5178	5179	5180	5477	5182	5481
	3	3	3	4	4	5	4	12	4	12

002050(Dterm)										
9	1	2	3	4	5	6	7	8	9	10
	5184	5484	5186	5226	5485	5228	5527	5529	5231	
	4	12	4	5	12	8	11	11	8	

4A

PBX F

010060					010070					
0	1	2	3	4	5	6	7	8	9	10
	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog
	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
010080										
1	1	2	3	4	5	6	7	8	9	10
	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog
	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
010090										
2	1	2	3	4	5	6	7	8	9	10
	Analog	Analog	Analog	Analog	/	Analog	Analog	Analog	Analog	Analog
	Spare	Spare	Spare	Spare	/	Spare	Spare	Spare	Spare	Spare
010100										
3	1	2	3	4	5	6	7	8	9	10
	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog
	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare
010110										
4	1	2	3	4	5	6	7	8	9	10
	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	/
	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	Spare	/
011000(Dterm)					011010(Dterm)					
5	1	2	3	4	5	6	7	8	9	10
	6601	6602	6603	6605	6607	6608	6609	6610	6611	6613
	2	2	2	2	2	2	2	2	2	2
011020(Dterm)										
6	1	2	3	4	5	6	7	8	9	10
	6615	6616	6617	6619	6758	6042	6336	5605	5596	5607
	2	2	2	2	2	2	2	15	15	15
011030(Dterm)										
7	1	2	3	4	5	6	7	8	9	10
	5608	5609	5610	5611	/	5612	5601	5614	5602	5603
	15	15	15	15	/	15	15	15	15	15
011040(Dterm)										
8	1	2	3	4	5	6	7	8	9	10
	5458	5618	5619	5623	5624	7458	7459	7460	7461	7462
	15	15	15	15	15	15	15	15	15	15
011050(Dterm)										
9	1	2	3	4	5	6	7	8	9	10
	7463	7464	7465	7466	7467	7468	7469	7470	7471	/
	15	15	15	15	15	15	15	15	15	/

