

SECTION 1 - THE SCHEDULE

CONTINUATION TO SF-1449
RFP NUMBER SPE50013R0001

1. Scope of Services

The purpose of this firm fixed price contract is to monitor, provide maintenance service support of digital telephone links, Virtual Private Network (VPN) services, corporate Internet service, and satellite link at the American Embassy, Lima. Contractor shall provide 24 hours a day, seven days a week, immediate maintenance and service support within two hours as requested by the Information Resource Management in accordance with Descriptions/Specification/Work Statement.

The contractor shall complete all work, including furnishing all labor, material, equipment, and services, unless otherwise specified herein, required under this contract for stated services within the time specified herein. The price listed below shall include all labor, materials, overhead, profit and taxes. In consideration of satisfactory performance of all scheduled services required under this contract, the contractor shall be paid a firm fixed-price for all services.

1.1. Performance Period

The contract will be for a one-year period from the date of the contract award and a notice to proceed with four option years.

1.2. The Contractor shall furnish all engineering, labor, tools, equipment, materials, supplies and services to provide the required circuit as specified under Section 1.

2. Prices. In consideration of satisfactory performance of the services required under this contract, the Contractor shall be paid a firm fixed-price (FFP) per month as stated in the schedule below in Peruvian Soles. Carrier shall be responsible for payment end-to-end circuit billing.

2.1. The firm fixed-prices are in Peruvian Soles.

2.3 Base Year – The total firm fixed price of this contract for the base year is as follows:

Telephone		
1. Telephone Requirements		Monthly Prices
	1.1. Telephone Digital Links	
	1.1.1 Three thirty (30) channel PRI's to be installed in the Chancery PBX system.	S/.
	E1, PRI must be 2.048 Mb EURO ISDN PRI links. Standard Protocol ETSI with CRC-4 on each link. Each link must have thirty (30) B channels for DID in international as well as local/national access out. Calling party ID via ANI/DNIS Protocol.	
	1.1.2 Physical interface must be 120 ohms, twisted pair RJ45	
	1.1.3 One thousand three hundred (1300) four digital DID block extensions.	S/.
	1.2 Telephone Off-Premise Extensions	
	1.2.1 Off-Premise Extensions from the Embassy PBX telephone system must be provided to sites outside of the Embassy Compound:	
	Ambassador's residence – Arequipa Ave, Block. 5, Lima (4 ea)	S/.
	DCM's residence – 119 Nicolas Rivera Ave, San Isidro (4 ea)	S/.
	MSG's residence – 290 Los Alamos Ave, Monterrico (4 ea)	S/.
	Warehouse Chorrillos – 646 Prolong. Huaylas Ave, Chorrillos (4 ea)	S/.
	NAS Logistics – Grupo 8, International Airport (4 ea)	S/.
	NAS Diravpol – Base Aeropolicial, International Airport (4 ea)	S/.
	DEA – Grupo 8, International Airport (4 ea)	S/.
	NAMRU6 – Hospital Naval , Venezuela Ave, Callao (2 ea)	S/.
	NGA – Inst. Geofisico, 1198 Aramburu Ave, Surquillo (1 ea)	S/.
	Comision Fulbright – 444 Juan Romero Hidalgo Ave, San Borja (1 ea)	S/.
	RSO's residence – 604 Alameda de la Molina Vieja Ave, LM (1 ea)	S/.
	AID Director's residence – 220 Cerros de Camacho Ave, Surco (1 ea)	S/.
	MAO's residence – 848 Laguna grande Ave, La Planicie (1 ea)	S/.
	Banco Continental – 1587, La Encalada Ave, Surco (1 ea)	S/.
	1.3 Telephone Call Rates	
	1.3.1 Local Calls	
	a) Land Phone to Land Phone (250,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (30,000-minute Bundle Plan)	S/.
	1.3.2 National Long Distance Calls	
	a) On-Net to Land Phone (7,000-minute Bundle Plan)	S/.
	b) Off-Net to Land Phone (100-minute Bundle Plan)	S/.
	c) On-Net to Cellular (8,000-minute Bundle Plan)	S/.
	d) Off-Net to Cellular (12,000-minute Bundle Plan)	S/.
	1.3.3 International Long Distance Calls	
	a) Land Phone to Land Phone (8,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (200-minute Bundle Plan)	S/.
	SUBTOTAL	S/.

Dedicated Internet Network (DIN) (see Diagram No. 1)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	A	IP-Data 9 Mb service, router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
02.	B	Corporated Internet Service 10 Mb, 1:1 overbooking, router, firewall, 48 UTP port switch, (2) dual purpose uplink ports - each has (1) 10/100/1000 Ethernet port and (1) SFP Gigabit Ethernet port. Media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
04.	C	IP-Data 1536 Kb, Internet (1024 Kb), 4 voice channels (512 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
05.	D	IP-Data 384 Kb, 4 voice channels, 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Grupo 8, International Airport	S/.
06.	E	IP-Data 768Kb, Internet (512 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Av. Los Alamos 290 , Monterrico	S/.
07.	F	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:. 119 Nicolas Rivera Ave., San Isidro	S/.
08.	G	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Arequipa Ave, Block 5, Lima.	S/.

09.	H	IP-Data 768 Kb, Internet (704 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Base de la Dirección de Aviación Policial – Callao	S/.
10.	I	IP-Data 1 Mb, Internet (960 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. See diagram No. 2	Address:Base FAP Grupo 8 - Callao	S/.
11.	J	Satellite Link, IP-Data 512Kb, Internet, 2 voice channels, ATA, routers (x2) and media converters. (see Diagram No. 2)	Address: Carretera Federico Basadre Km.5 - Calleria Pucallpa.	S/.
12.	K	IP-Data 192 Kb, 2 voice channels (192 Kb), 1 Analog Telephone Adapter (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Peruvian Navy Hospital Venezuela Ave. block 36 th , Callao	S/.
			SUBTOTAL	S/.

Dedicated Leased Line (see Diagram No. 3)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	L	IP-Data 3 Mb, and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required.	Address:La Encalada block 17, Monterrico	S/.
02.	M	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:Arequipa Ave, block 5, Lima	S/.
03.	N	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:119 Nicolas Rivera Ave, San Isidro	S/.
			SUBTOTAL	S/.

Contingency 512K Internet Service				
Item	Circuit	Service Description	Address	Monthly Prices
01.	O	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:290 Los Alamos Ave, Monterrico.	S/.
02.	P	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:Arequipa Ave, Block. 5, Lima	S/.
03.	Q	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:119 Nicolas Rivera Ave, San Isidro	S/.
04.	R	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
			SUBTOTAL	S/.

NAS Police (see Diagram No. 4)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	S	Internet Premium 256 Kbps (Overbooking 2:1), Router.	Address: Grupo-8 / Callao	S/.
02.	T	Local F.O. link 1.5 Mbps (Main pipe) (Grupo 8 – Callao) Data and Internet service 4 VoIP channels, Router.	Address: Grupo-8 / Callao	S/.
03.	U	Satellite Link 512 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°20'05"S LN: 73°18'56"O	S/.
04.	V	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
05.	W	Wi-Fi (802.11g) link between NAS Mazamari offices and Mazamari Police school (64 Kbps) Equipmet rental	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
06.	X	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°45'92"S LN: 73°39'32"O	S/.

07.	Y	DIRANDRO local F.O. link 512 Kbps (Lima – San Isidro) with NAS Police Grupo-8 – Callao. Data service 4 VoIP channels, Router. E	Address: Los Cisnes 594 Alt.cuadra 9 Av.Aramburú, San Isidro	S/.
			SUBTOTAL	S/.

SUB TOTAL MONTHLY PRICE: S/.
(Telephone services + Circuits A-Y)

IGV (18%): S/.

TOTAL MONTHLY PRICE: S/.

TOTAL ANNUAL PRICE FOR BASE YEAR S/.
(Total monthly cost x 12)

2.4 First Option Year – The total firm fixed price of this contract for the 1st Option year is as follows:

Telephone		
1. Telephone Requirements		Monthly Prices
	1.1. Telephone Digital Links	
	1.1.1 Three thirty (30) channel PRI's to be installed in the Chancery PBX system.	S/.
	E1, PRI must be 2.048 Mb EURO ISDN PRI links. Standard Protocol ETSI with CRC-4 on each link. Each link must have thirty (30) B channels for DID in international as well as local/national access out. Calling party ID via ANI/DNIS Protocol.	
	1.1.2 Physical interface must be 120 ohms, twisted pair RJ45	
	1.1.3 One thousand three hundred (1300) four digital DID block extensions.	S/.
	1.2 Telephone Off-Premise Extensions	
	1.2.1 Off-Premise Extensions from the Embassy PBX telephone system must be provided to sites outside of the Embassy Compound:	
	Ambassador's residence – Arequipa Ave, Block. 5, Lima (4 ea)	S/.
	DCM's residence – 119 Nicolas Rivera Ave, San Isidro (4 ea)	S/.
	MSG's residence – 290 Los Alamos Ave, Monterrico (4 ea)	S/.
	Warehouse Chorrillos – 646 Prolong. Huaylas Ave, Chorrillos (4 ea)	S/.
	NAS Logistics – Grupo 8, International Airport (4 ea)	S/.
	NAS Diravpol – Base Aeropolicial, International Airport (4 ea)	S/.
	DEA – Grupo 8, International Airport (4 ea)	S/.
	NAMRU6 – Hospital Naval , Venezuela Ave, Callao (2 ea)	S/.
	NGA – Inst. Geofisico, 1198 Aramburu Ave, Surquillo (1 ea)	S/.
	Comision Fulbright – 444 Juan Romero Hidalgo Ave, San Borja (1 ea)	S/.
	RSO's residence – 604 Alameda de la Molina Vieja Ave, LM (1 ea)	S/.
	AID Director's residence – 220 Cerros de Camacho Ave, Surco (1 ea)	S/.
	MAO's residence – 848 Laguna grande Ave, La Planicie (1 ea)	S/.
	Banco Continental – 1587, La Encalada Ave, Surco (1 ea)	S/.
	1.3 Telephone Call Rates	
	1.3.1 Local Calls	
	a) Land Phone to Land Phone (250,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (30,000-minute Bundle Plan)	S/.
	1.3.2 National Long Distance Calls	
	a) On-Net to Land Phone (7,000-minute Bundle Plan)	S/.
	b) Off-Net to Land Phone (100-minute Bundle Plan)	S/.
	c) On-Net to Cellular (8,000-minute Bundle Plan)	S/.
	d) Off-Net to Cellular (12,000-minute Bundle Plan)	S/.
	1.3.3 International Long Distance Calls	
	a) Land Phone to Land Phone (8,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (200-minute Bundle Plan)	S/.
	SUBTOTAL	S/.

Dedicated Internet Network (DIN) (see Diagram No. 1)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	A	IP-Data 9 Mb service, router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
02.	B	Corporated Internet Service 10 Mb, 1:1 overbooking, router, firewall, 48 UTP port switch, (2) dual purpose uplink ports - each has (1) 10/100/1000 Ethernet port and (1) SFP Gigabit Ethernet port. Media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
04.	C	IP-Data 1536 Kb, Internet (1024 Kb), 4 voice channels (512 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
05.	D	IP-Data 384 Kb, 4 voice channels, 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Grupo 8, International Airport	S/.
06.	E	IP-Data 768Kb, Internet (512 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Av. Los Alamos 290 , Monterrico	S/.
07.	F	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:.. 119 Nicolas Rivera Ave., San Isidro	S/.
08.	G	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Arequipa Ave, Block 5, Lima.	S/.

09.	H	IP-Data 768 Kb, Internet (704 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Base de la Dirección de Aviación Policial – Callao	S/.
10.	I	IP-Data 1 Mb, Internet (960 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. See diagram No. 2	Address:Base FAP Grupo 8 - Callao	S/.
11.	J	Satellite Link, IP-Data 512Kb, Internet, 2 voice channels, ATA, routers (x2) and media converters. (see Diagram No. 2)	Address: Carretera Federico Basadre Km.5 - Calleria Pucallpa.	S/.
12.	K	IP-Data 192 Kb, 2 voice channels (192 Kb), 1 Analog Telephone Adapter (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Peruvian Navy Hospital Venezuela Ave. block 36 th , Callao	S/.
			SUBTOTAL	S/.

Dedicated Leased Line (see Diagram No. 3)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	L	IP-Data 3 Mb, and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required.	Address:La Encalada block 17, Monterrico	S/.
02.	M	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:Arequipa Ave, block 5, Lima	S/.
03.	N	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:119 Nicolas Rivera Ave, San Isidro	S/.
			SUBTOTAL	S/.

Contingency 512K Internet Service				
Item	Circuit	Service Description	Address	Monthly Prices
01.	O	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:290 Los Alamos Ave, Monterrico.	S/.
02.	P	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:Arequipa Ave, Block. 5, Lima	S/.
03.	Q	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:119 Nicolas Rivera Ave, San Isidro	S/.
04.	R	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
			SUBTOTAL	S/.

NAS Police (see Diagram No. 4)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	S	Internet Premium 256 Kbps (Overbooking 2:1), Router.	Address: Grupo-8 / Callao	S/.
02.	T	Local F.O. link 1.5 Mbps (Main pipe) (Grupo 8 – Callao) Data and Internet service 4 VoIP channels, Router.	Address: Grupo-8 / Callao	S/.
03.	U	Satellite Link 512 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°20'05"S LN: 73°18'56"O	S/.
04.	V	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
05.	W	Wi-Fi (802.11g) link between NAS Mazamari offices and Mazamari Police school (64 Kbps) Equipmet rental	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
06.	X	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°45'92"S LN: 73°39'32"O	S/.
07.	Y	DIRANDRO local F.O. link 512 Kbps (Lima)		S/.

		- San Isidro) with NAS Police Grupo-8 – Callao. Data service 4 VoIP channels, Router. E	Address: Los Cisnes 594 Alt.cuadra 9 Av.Aramburú, San Isidro	
			SUBTOTAL	S/.

SUB TOTAL MONTHLY PRICE: S/.
(Telephone services + Circuits A-Y)

IGV (18%): S/.

TOTAL MONTHLY PRICE: S/.

TOTAL ANNUAL PRICE FOR 1ST OPTION YEAR S/.
(Total monthly cost x 12)

2.5 Second Option Year – The total firm fixed price of this contract for the 2nd option year is as follows:

Telephone		
1. Telephone Requirements		Monthly Prices
	1.1. Telephone Digital Links	
	1.1.1 Three thirty (30) channel PRI's to be installed in the Chancery PBX system.	S/.
	E1, PRI must be 2.048 Mb EURO ISDN PRI links. Standard Protocol ETSI with CRC-4 on each link. Each link must have thirty (30) B channels for DID in international as well as local/national access out. Calling party ID via ANI/DNIS Protocol.	
	1.1.2 Physical interface must be 120 ohms, twisted pair RJ45	
	1.1.3 One thousand three hundred (1300) four digital DID block extensions.	S/.
	1.2 Telephone Off-Premise Extensions	
	1.2.1 Off-Premise Extensions from the Embassy PBX telephone system must be provided to sites outside of the Embassy Compound:	
	Ambassador's residence – Arequipa Ave, Block. 5, Lima (4 ea)	S/.
	DCM's residence – 119 Nicolas Rivera Ave, San Isidro (4 ea)	S/.
	MSG's residence – 290 Los Alamos Ave, Monterrico (4 ea)	S/.
	Warehouse Chorrillos – 646 Prolong. Huaylas Ave, Chorrillos (4 ea)	S/.
	NAS Logistics – Grupo 8, International Airport (4 ea)	S/.
	NAS Diravpol – Base Aeropolicial, International Airport (4 ea)	S/.
	DEA – Grupo 8, International Airport (4 ea)	S/.
	NAMRU6 – Hospital Naval , Venezuela Ave, Callao (2 ea)	S/.
	NGA – Inst. Geofisico, 1198 Aramburu Ave, Surquillo (1 ea)	S/.
	Comision Fulbright – 444 Juan Romero Hidalgo Ave, San Borja (1 ea)	S/.
	RSO's residence – 604 Alameda de la Molina Vieja Ave, LM (1 ea)	S/.
	AID Director's residence – 220 Cerros de Camacho Ave, Surco (1 ea)	S/.
	MAO's residence – 848 Laguna grande Ave, La Planicie (1 ea)	S/.
	Banco Continental – 1587, La Encalada Ave, Surco (1 ea)	S/.
	1.3 Telephone Call Rates	
	1.3.1 Local Calls	
	a) Land Phone to Land Phone (250,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (30,000-minute Bundle Plan)	S/.
	1.3.2 National Long Distance Calls	
	a) On-Net to Land Phone (7,000-minute Bundle Plan)	S/.
	b) Off-Net to Land Phone (100-minute Bundle Plan)	S/.
	c) On-Net to Cellular (8,000-minute Bundle Plan)	S/.
	d) Off-Net to Cellular (12,000-minute Bundle Plan)	S/.
	1.3.3 International Long Distance Calls	
	a) Land Phone to Land Phone (8,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (200-minute Bundle Plan)	S/.
	SUBTOTAL	S/.

Dedicated Internet Network (DIN) (see Diagram No. 1)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	A	IP-Data 9 Mb service, router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
02.	B	Corporated Internet Service 10 Mb, 1:1 overbooking, router, firewall, 48 UTP port switch, (2) dual purpose uplink ports - each has (1) 10/100/1000 Ethernet port and (1) SFP Gigabit Ethernet port. Media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
04.	C	IP-Data 1536 Kb, Internet (1024 Kb), 4 voice channels (512 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
05.	D	IP-Data 384 Kb, 4 voice channels, 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Grupo 8, International Airport	S/.
06.	E	IP-Data 768Kb, Internet (512 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Av. Los Alamos 290 , Monterrico	S/.
07.	F	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:.. 119 Nicolas Rivera Ave., San Isidro	S/.
08.	G	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Arequipa Ave, Block 5, Lima.	S/.

09.	H	IP-Data 768 Kb, Internet (704 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Base de la Dirección de Aviación Policial – Callao	S/.
10.	I	IP-Data 1 Mb, Internet (960 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. See diagram No. 2	Address:Base FAP Grupo 8 - Callao	S/.
11.	J	Satellite Link, IP-Data 512Kb, Internet, 2 voice channels, ATA, routers (x2) and media converters. (see Diagram No. 2)	Address: Carretera Federico Basadre Km.5 - Calleria Pucallpa.	S/.
12.	K	IP-Data 192 Kb, 2 voice channels (192 Kb), 1 Analog Telephone Adapter (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Peruvian Navy Hospital Venezuela Ave. block 36 th , Callao	S/.
			SUBTOTAL	S/.

Dedicated Leased Line (see Diagram No. 3)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	L	IP-Data 3 Mb, and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required.	Address:La Encalada block 17, Monterrico	S/.
02.	M	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:Arequipa Ave, block 5, Lima	S/.
03.	N	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:119 Nicolas Rivera Ave, San Isidro	S/.
			SUBTOTAL	S/.

Contingency 512K Internet Service				
Item	Circuit	Service Description	Address	Monthly Prices
01.	O	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:290 Los Alamos Ave, Monterrico.	S/.
02.	P	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:Arequipa Ave, Block. 5, Lima	S/.
03.	Q	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:119 Nicolas Rivera Ave, San Isidro	S/.
04.	R	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
			SUBTOTAL	S/.

NAS Political (see Diagram No. 4)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	S	Internet Premium 256 Kbps (Overbooking 2:1), Router.	Address: Grupo-8 / Callao	S/.
02.	T	Local F.O. link 1.5 Mbps (Main pipe) (Grupo 8 – Callao) Data and Internet service 4 VoIP channels, Router.	Address: Grupo-8 / Callao	S/.
03.	U	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°20'05"S LN: 73°18'56"O	S/.
04.	V	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
05.	W	Wi-Fi (802.11g) link between NAS Mazamari offices and Mazamari Police school (64 Kbps) Equipmet rental	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
06.	X	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP	Address: Loc - LT: 12°45'92"S LN:	S/.

		channels, Router.	73°39'32"O	
07.	Y	DIRANDRO local F.O. link 512 Kbps (Lima – San Isidro) with NAS Police Grupo-8 – Callao. Data service 4 VoIP channels, Router. E	Address: Los Cisnes 594 Alt.cuadra 9 Av.Aramburú, San Isidro	S/.
			SUBTOTAL	S/.

SUB TOTAL MONTHLY PRICE: S/.
(Telephone services + Circuits A-Y)

IGV (18%): S/.

TOTAL MONTHLY PRICE: S/.

TOTAL ANNUAL PRICE FOR 2ND OPTION YEAR S/.
(Total monthly cost x 12)

2.6 Third Option Year – The total firm fixed price of this contract for the 3rd option year is as follows:

Telephone		
1. Telephone Requirements		Monthly Prices
	1.1.Telephone Digital Links	
	1.1.1 Three thirty (30) channel PRI's to be installed in the Chancery PBX system.	S/.
	E1, PRI must be 2.048 Mb EURO ISDN PRI links. Standard Protocol ETSI with CRC-4 on each link. Each link must have thirty (30) B channels for DID in international as well as local/national access out. Calling party ID via ANI/DNIS Protocol.	
	1.1.2 Physical interface must be 120 ohms, twisted pair RJ45	
	1.1.3 One thousand three hundred (1300) four digital DID block extensions.	S/.
	1.2 Telephone Off-Premise Extensions	
	1.2.1 Off-Premise Extensions from the Embassy PBX telephone system must be provided to sites outside of the Embassy Compound:	
	Ambassador's residence – Arequipa Ave, Block. 5, Lima (4 ea)	S/.
	DCM's residence – 119 Nicolas Rivera Ave, San Isidro (4 ea)	S/.
	MSG's residence – 290 Los Alamos Ave, Monterrico (4 ea)	S/.
	Warehouse Chorrillos – 646 Prolong. Huaylas Ave, Chorrillos (4 ea)	S/.
	NAS Logistics – Grupo 8, International Airport (4 ea)	S/.
	NAS Diravpol – Base Aeropolicial, International Airport (4 ea)	S/.
	DEA – Grupo 8, International Airport (4 ea)	S/.
	NAMRU6 – Hospital Naval , Venezuela Ave, Callao (2 ea)	S/.
	NGA – Inst. Geofisico, 1198 Aramburu Ave, Surquillo (1 ea)	S/.
	Comision Fulbright – 444 Juan Romero Hidalgo Ave, San Borja (1 ea)	S/.
	RSO's residence – 604 Alameda de la Molina Vieja Ave, LM (1 ea)	S/.
	AID Director's residence – 220 Cerros de Camacho Ave, Surco (1 ea)	S/.
	MAO's residence – 848 Laguna grande Ave, La Planicie (1 ea)	S/.
	Banco Continental – 1587, La Encalada Ave, Surco (1 ea)	S/.
	1.3 Telephone Call Rates	
	1.3.1 Local Calls	
	a) Land Phone to Land Phone (250,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (30,000-minute Bundle Plan)	S/.
	1.3.2 National Long Distance Calls	
	a) On-Net to Land Phone (7,000-minute Bundle Plan)	S/.
	b) Off-Net to Land Phone (100-minute Bundle Plan)	S/.
	c) On-Net to Cellular (8,000-minute Bundle Plan)	S/.
	d) Off-Net to Cellular (12,000-minute Bundle Plan)	S/.
	1.3.3 International Long Distance Calls	
	a) Land Phone to Land Phone (8,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (200-minute Bundle Plan)	S/.
	SUBTOTAL	S/.

Dedicated Internet Network (DIN) (see Diagram No. 1)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	A	IP-Data 9 Mb service, router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
02.	B	Corporated Internet Service 10 Mb, 1:1 overbooking, router, firewall, 48 UTP port switch, (2) dual purpose uplink ports - each has (1) 10/100/1000 Ethernet port and (1) SFP Gigabit Ethernet port. Media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
04.	C	IP-Data 1536 Kb, Internet (1024 Kb), 4 voice channels (512 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
05.	D	IP-Data 384 Kb, 4 voice channels, 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Grupo 8, International Airport	S/.
06.	E	IP-Data 768Kb, Internet (512 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Av. Los Alamos 290 , Monterrico	S/.
07.	F	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:. 119 Nicolas Rivera Ave., San Isidro	S/.
08.	G	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Arequipa Ave, Block 5, Lima.	S/.

09.	H	IP-Data 768 Kb, Internet (704 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Base de la Dirección de Aviación Policial – Callao	S/.
10.	I	IP-Data 1 Mb, Internet (960 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. See diagram No. 2	Address:Base FAP Grupo 8 - Callao	S/.
11.	J	Satellite Link, IP-Data 512Kb, Internet, 2 voice channels, ATA, routers (x2) and media converters. (see Diagram No. 2)	Address: Carretera Federico Basadre Km.5 - Calleria Pucallpa.	S/.
12.	K	IP-Data 192 Kb, 2 voice channels (192 Kb), 1 Analog Telephone Adapter (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Peruvian Navy Hospital Venezuela Ave. block 36 th , Callao	S/.
			SUBTOTAL	S/.

Dedicated Leased Line (see Diagram No. 3)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	L	IP-Data 3 Mb, and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required.	Address:La Encalada block 17, Monterrico	S/.
02.	M	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:Arequipa Ave, block 5, Lima	S/.
03.	N	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:119 Nicolas Rivera Ave, San Isidro	S/.
			SUBTOTAL	S/.

Contingency 512K Internet Service				
Item	Circuit	Service Description	Address	Monthly Prices
01.	O	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:290 Los Alamos Ave, Monterrico.	S/.
02.	P	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:Arequipa Ave, Block. 5, Lima	S/.
03.	Q	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:119 Nicolas Rivera Ave, San Isidro	S/.
04.	R	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
			SUBTOTAL	S/.

NAS Police (see Diagram No. 4)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	S	Internet Premium 256 Kbps (Overbooking 2:1), Router.	Address: Grupo-8 / Callao	S/.
02.	T	Local F.O. link 1.5 Mbps (Main pipe) (Grupo 8 – Callao) Data and Internet service 4 VoIP channels, Router.	Address: Grupo-8 / Callao	S/.
03.	U	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°20'05"S LN: 73°18'56"O	S/.
04.	V	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
05.	W	Wi-Fi (802.11g) link between NAS Mazamari offices and Mazamari Police school (64 Kbps) Equipmet rental	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
06.	X	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°45'92"S LN: 73°39'32"O	S/.

07.	Y	DIRANDRO local F.O. link 512 Kbps (Lima – San Isidro) with NAS Police Grupo-8 – Callao. Data service 4 VoIP channels, Router. E	Address: Los Cisnes 594 Alt.cuadra 9 Av.Aramburú, San Isidro	S/.
			SUBTOTAL	S/.

SUB TOTAL MONTHLY PRICE: S/.
(Telephone services + Circuits A-Y)

IGV (18%): S/.

TOTAL MONTHLY PRICE: S/.

TOTAL ANNUAL PRICE FOR 3RD OPTION YEAR S/.
(Total monthly cost x 12)

2.7 Fourth Option Year – The total firm fixed price of this contract for the 4th option year is as follows:

Telephone		
1. Telephone Requirements		Monthly Prices
	1.1.Telephone Digital Links	
	1.1.1 Three thirty (30) channel PRI's to be installed in the Chancery PBX system.	S/.
	E1, PRI must be 2.048 Mb EURO ISDN PRI links. Standard Protocol ETSI with CRC-4 on each link. Each link must have thirty (30) B channels for DID in international as well as local/national access out. Calling party ID via ANI/DNIS Protocol.	
	1.1.2 Physical interface must be 120 ohms, twisted pair RJ45	
	1.1.3 One thousand three hundred (1300) four digital DID block extensions.	S/.
	1.2 Telephone Off-Premise Extensions	
	1.2.1 Off-Premise Extensions from the Embassy PBX telephone system must be provided to sites outside of the Embassy Compound:	
	Ambassador's residence – Arequipa Ave, Block. 5, Lima (4 ea)	S/.
	DCM's residence – 119 Nicolas Rivera Ave, San Isidro (4 ea)	S/.
	MSG's residence – 290 Los Alamos Ave, Monterrico (4 ea)	S/.
	Warehouse Chorrillos – 646 Prolong. Huaylas Ave, Chorrillos (4 ea)	S/.
	NAS Logistics – Grupo 8, International Airport (4 ea)	S/.
	NAS Diravpol – Base Aeropolicial, International Airport (4 ea)	S/.
	DEA – Grupo 8, International Airport (4 ea)	S/.
	NAMRU6 – Hospital Naval , Venezuela Ave, Callao (2 ea)	S/.
	NGA – Inst. Geofisico, 1198 Aramburu Ave, Surquillo (1 ea)	S/.
	Comision Fulbright – 444 Juan Romero Hidalgo Ave, San Borja (1 ea)	S/.
	RSO's residence – 604 Alameda de la Molina Vieja Ave, LM (1 ea)	S/.
	AID Director's residence – 220 Cerros de Camacho Ave, Surco (1 ea)	S/.
	MAO's residence – 848 Laguna grande Ave, La Planicie (1 ea)	S/.
	Banco Continental – 1587, La Encalada Ave, Surco (1 ea)	S/.
	1.3 Telephone Call Rates	
	1.3.1 Local Calls	
	a) Land Phone to Land Phone (250,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (30,000-minute Bundle Plan)	S/.
	1.3.2 National Long Distance Calls	
	a) On-Net to Land Phone (7,000-minute Bundle Plan)	S/.
	b) Off-Net to Land Phone (100-minute Bundle Plan)	S/.
	c) On-Net to Cellular (8,000-minute Bundle Plan)	S/.
	d) Off-Net to Cellular (12,000-minute Bundle Plan)	S/.
	1.3.3 International Long Distance Calls	
	a) Land Phone to Land Phone (8,000-minute Bundle Plan)	S/.
	b) Land Phone to Cellular (200-minute Bundle Plan)	S/.
	SUBTOTAL	S/.

Dedicated Internet Network (DIN) (see Diagram No. 1)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	A	IP-Data 9 Mb service, router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
02.	B	Corporated Internet Service 10 Mb, 1:1 overbooking, router, firewall, 48 UTP port switch, (2) dual purpose uplink ports - each has (1) 10/100/1000 Ethernet port and (1) SFP Gigabit Ethernet port. Media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:La Encalada block 17, Monterrico	S/.
04.	C	IP-Data 1536 Kb, Internet (1024 Kb), 4 voice channels (512 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
05.	D	IP-Data 384 Kb, 4 voice channels, 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Grupo 8, International Airport	S/.
06.	E	IP-Data 768Kb, Internet (512 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Av. Los Alamos 290 , Monterrico	S/.
07.	F	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:. 119 Nicolas Rivera Ave., San Isidro	S/.
08.	G	IP-Data 2 Mb, Internet (1792 Kb), 4 voice channels (256 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Arequipa Ave, Block 5, Lima.	S/.

09.	H	IP-Data 768 Kb, Internet (704 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address: Base de la Dirección de Aviación Policial – Callao	S/.
10.	I	IP-Data 1 Mb, Internet (960 Kb), 4 voice channels (64 Kb), 2 Analog Telephone Adapters (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. See diagram No. 2	Address:Base FAP Grupo 8 - Callao	S/.
11.	J	Satellite Link, IP-Data 512Kb, Internet, 2 voice channels, ATA, routers (x2) and media converters. (see Diagram No. 2)	Address: Carretera Federico Basadre Km.5 - Calleria Pucallpa.	S/.
12.	K	IP-Data 192 Kb, 2 voice channels (192 Kb), 1 Analog Telephone Adapter (ATA), router and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces.	Address:Peruvian Navy Hospital Venezuela Ave. block 36 th , Callao	S/.
			SUBTOTAL	S/.

Dedicated Leased Line (see Diagram No. 3)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	L	IP-Data 3 Mb, and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required.	Address:La Encalada block 17, Monterrico	S/.
02.	M	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:Arequipa Ave, block 5, Lima	S/.
03.	N	IP-Data 1.5 Mb Tail circuit and media converter with F.O. zipcord multimode 62.5/125µm ST to UTP RJ45 interfaces. No Router is required	Address:119 Nicolas Rivera Ave, San Isidro	S/.
			SUBTOTAL	S/.

Contingency 512K Internet Service				
Item	Circuit	Service Description	Address	Monthly Prices
01.	O	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:290 Los Alamos Ave, Monterrico.	S/.
02.	P	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:Arequipa Ave, Block. 5, Lima	S/.
03.	Q	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address:119 Nicolas Rivera Ave, San Isidro	S/.
04.	R	Residential 512Kb Internet service, router. UTP RJ45 termination for switch or a PC.	Address: 646 Prolongacion Huaylas Ave., Chorrillos	S/.
			SUBTOTAL	S/.

NAS Police (see Diagram No. 4)				
Item	Circuit	Service Description	Address	Monthly Prices
01.	S	Internet Premium 256 Kbps (Overbooking 2:1), Router.	Address: Grupo-8 / Callao	S/.
02.	T	Local F.O. link 1.5 Mbps (Main pipe) (Grupo 8 – Callao) Data and Internet service 4 VoIP channels, Router.	Address: Grupo-8 / Callao	S/.
03.	U	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°20'05"S LN: 73°18'56"O	S/.
04.	V	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
05.	W	Wi-Fi (802.11g) link between NAS Mazamari offices and Mazamari Police school (64 Kbps) Equipmet rental	Address: Loc - LT: 11°20'05"S LN: 74°31'56"O	S/.
06.	X	Satellite Link 256 Kbps with NAS Police Grupo-8 – Callao Data and Internet service 2 VoIP channels, Router.	Address: Loc - LT: 12°45'92"S LN: 73°39'32"O	S/.

07.	Y	DIRANDRO local F.O. link 512 Kbps (Lima – San Isidro) with NAS Police Grupo-8 – Callao. Data service 4 VoIP channels, Router. E	Address: Los Cisnes 594 Alt.cuadra 9 Av.Aramburú, San Isidro	S/.
			SUBTOTAL	S/.

SUB TOTAL MONTHLY PRICE: S/.
(Telephone services + Circuits A-Y)

IGV (18%): S/.

TOTAL MONTHLY PRICE: S/.

TOTAL ANNUAL PRICE FOR 4th OPTION YEAR S/.
(Total monthly cost x 12)

Grand Total Contract Price, including taxes:

Base Period: S/. _____

First Option Year: S/. _____

Second Option Year: S/. _____

Third Option Year: S/. _____

Fourth Option Year: S/. _____

Grand total Firm-Fixed Price S/. _____ (Base Year plus all option Years)

The Department requests the contractor to provide pricing for future increases/decreases in circuit bandwidth. These prices are subject to re-evaluation at the time of request by the Department of State for a change in the service provided under this contract.

The Department reserves the right to validate all pricing data against current industry trends for similar services for all future modifications to increase or decrease required bandwidth.

3. BILLING PROCEDURES

3.1 Invoicing for telephone and Internet services shall be in Peruvian Soles . At the end of each month, 2 separate invoices shall be submitted for payment:

- Invoice for Chancery PRI
- Invoice for VPN and Internet services

3.2 Each VPN and Internet circuit must be billed in one invoice, detailing the service cost and equipment rental cost.

3.3 For a correct identification all VPN and Internet circuit invoices must have on the reference line the contract number.

3.4 All VPN and Internet circuit invoices must have on the service detail header the "Label" annotated in the address column of the specifications, with the corresponding circuit number given by the contractor.

SCHEDULE OF SUPPLIES/SERVICES
DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

A. Telephone Services

Work Statement

Primary Rate Interface (PRI) lines will be installed and programmed in the Chancery PBX Telephone system and must be in operation 24 hours a day and seven days a week. PRI lines must be able to make (outgoing) and receive (incoming) calls. Fiber Optic facilities are required and the Contractor shall provide 24 hours a day, seven days a week, immediate maintenance and service support within two hours as requested by the Information Resource Management office.

Project Conditions

Contractor shall provide the necessary equipment facilities for the PRI lines installation and must have the capability to provide additional PRI's and Direct Inward Dialing (DID) Block Extensions for future expansion. Contractor must provide 24 hours a day, seven days a week, monitoring of the PRI lines and be able to identify and swiftly resolve any problem to ensure reliability.

Telephone	
1. Telephone Requirements	
	1.1. Telephone Digital Links
	1.1.1 Three thirty (30) channel PRI's to be installed in the Chancery PBX system.
	E1, PRI must be 2.048 Mb EURO ISDN PRI links. Standard Protocol ETSI with CRC-4 on each link. Each link must have thirty (30) B channels for DID in international as well as local/national access out. Calling party ID via ANI/DNIS Protocol.
	1.1.2 Physical interface must be 120 ohms, twisted pair RJ45
	1.1.3 One thousand three hundred (1300) four digital DID block extensions.
	1.2 Telephone Off-Premise Extensions
	1.2.1 Off-Premise Extensions from the Embassy PBX telephone system must be provided to sites outside of the Embassy Compound:
	Ambassador's residence – Arequipa Ave, Block. 5, Lima (4 ea) DCM's residence – 119 Nicolas Rivera Ave, San Isidro (4 ea) MSG's residence – 290 Los Alamos Ave, Monterrico (4 ea) Warehouse Chorrillos – 646 Prolong. Huaylas Ave, Chorrillos (4 ea) NAS Logistics – Grupo 8, International Airport (4 ea) NAS Diravpol – Base Aeropolicial, International Airport (4 ea) DEA – Grupo 8, International Airport (4 ea) NAMRU6 – Hospital Naval , Venezuela Ave, Callao (2 ea) NGA – Inst. Geofisico, 1198 Aramburu Ave, Surquillo (1 ea) Comision Fullbright – 444 Juan Romero Hidalgo Ave, San Borja (1 ea)

		RSO's residence – 604 Alameda de la Molina Vieja Ave, LM (1 ea) AID Director's residence – 220 Cerros de Camacho Ave, Surco (1 ea) MAO's residence – 848 Laguna grande Ave, La Planicie (1 ea) Banco Continental – 1587, La Encalada Ave, Surco (1 ea)
	1.3 Telephone Call Rates	
	1.3.1 Local Calls	
	a) Land Phone to Land Phone b) Land Phone to Cellular	
	1.3.2 National Long Distance Calls	
	a) On-Net to Land Phone b) Off-Net to Land Phone c) On-Net to Cellular d) Off-Net to Cellular	
	1.3.3 International Long Distance Calls	
	a) Land Phone to Land Phone b) Land Phone to Cellular	

B. Dedicated Internet Network (DIN)

Work Statement

B.1. American Embassy-Lima.

The American Embassy in Lima requires having a communications infrastructure to support telephony, IP-Data and Internet services.

All communication services are centralized at the Chancery building, linked to 8 tail circuits providing telephony, IP-Data and Internet services.

Circuit "I", located at the Grupo 8, International Airport will be linked to circuit "H" to NAS DIRAVPOL Callao using a MPLS bridge and also will be linked to circuit "J" to NAS Calleria Pucallpa using a satellite link.

B.2. NAS Calleria Pucallpa

NAS logistics in Pucallpa is our main strategic location. As a reliable solution, a satellite link between NAS logistics in Pucallpa and NAS logistics in Lima Grupo-8 is required.

This satellite link solution must support Internet and VoIP telephony communications with Pucallpa base and NAS offices. This solution will integrate Pucallpa offices with other communication networks like the US Embassy, GRUPO 8, NAS aviation, police headquarters and/or local government offices. See diagram No. 2