
REQUEST FOR QUOTATION

**Network Service and Maintenance
&
Dedicated Bandwidth**

**Issued By:
Da Afghanistan Bank
Information Technology Department**

PART I.

GENERAL INFORMATION

I-1. ISSUING OFFICE

The issuing office for this Request for Quotation (RFQ) is the Da Afghanistan Bank (DAB), Information Technology department. The IT department is responsible for network infrastructure design, support and perimeter security for the Department's various offices such as Bank Operation, Market Operation, Accounting and Monetary Policy. Under the scope of this RFQ and with DAB's funding, the IT department seeks a qualified network and Bandwidth provider to perform the following at our DAB HQ at Ibnesina Watt, Opposite Kabul Sarena Hotel, Kabul Afghanistan:

- Maintenance of VSAT and IT equipment listed in the below section (I.3.1). The maintenance includes but not limited to, servicing IT equipment, manage configuration of the each IT components and provide maintenance of RF equipment.
- Perform vulnerability scanning of the entire system.
- Re-scan of any corrected risk areas (not the entire network) after appropriate remedies have been implemented.
- Provide dedicated bandwidth as listed in section (I.3.2)
- Provide 10 International connections to the upper management free of cost
- The winning vendor will provide 16 watt BUC on their own cost

I-2. OVERVIEW

In the initial phase, the DAB has approximately 6 regional hubs and about 35 branches on networked locations through Internet within its network infrastructure. The 6 regional hubs are connected to the DAB HQ point to point SCPC VSAT Connectivity with dedicated bandwidth allocated from each regional hub to the DAB HQ and vice versa. At the DAB's HQ network center, the DAB operates a data and voice over IP communication to all the regional hubs.

For this solicitation the DAB is requesting services as described in this document to perform Service and Maintenance of the entire equipment at DAB HQ and 6 regional hubs, vulnerability scanning and penetration testing of network as a whole and provide dedicated bandwidth from and to regional hubs and DAB HQ and from DAB HQ to the Internet.

A description of the equipment and operating systems residing at the DAB HQ and the regional hubs are listed in section I-3-1 and I-3-2.

1.3 Maintenance and Support

DAB NATIONAL NETWORK



Central Bank Locations		Location Details
1	Da Afghanistan Bank HQ	<i>DA Afghanistan Bank, Ibne Sina Watt Opposite Kabul Sarena hotel, 2nd floor, Kabul, Afghanistan</i>
2	Konduz	Regional Branch located in Spinzar Company Building. Afghanistan
3	Gardez	Regional Branch located at next to civil hospital and Municipality. Afghanistan
4	Jalalabad	Regional Branch located on Communication avenue. Afghanistan
5	Mazar-e-Sharif	Regional Branch located at Darwaza-e-Balk avenue and opposite to Mazar hotel. Afghanistan
6	Kandahar	Regional Branch located at Shahid avenue Kandahar city. Afghanistan
7	Herat	Regional Branch located next to the Transport department and opposite to the National Bank Afghanistan

1.3.1 Equipment List

Part Number	Type of Equipment	QTY		Serial Number
TX380-KLOF	3.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 13.75 to 14.40 Ghz, Transmit and 10.75 to 12.75 Ghz, Receive. With Co-Pol Diplexer	1	Set	N/A
	RF TO IF EQUIPMENT			
RCPD-1100-L	1:1 Redundancy switching system for the BUC's and LNB's.	1	Ea	759
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2350A59
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2349A59
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	613000058
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over	1	Ea	613000078

	the band 10.95 to 11.7 Ghz;			
5425	70 Mhz to L-Band UpConverter	1	Ea	17077
5425	70 Mhz to L-Band UpConverter	1	Ea	17079
2700-L	L-Band Converter Protection Switch	1	Ea	17075
	MODEM			
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8058
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8053
DD2401	L-Band RX Demodulator with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	2260
DD2401	L-Band RX Demodulator with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	2261

DD2401	L-Band RX Demodulator with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	2262
DD2401	L-Band RX Demodulator with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	2263
DD2401	L-Band RX Demodulator with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	2264R
	NETWORK MANAGEMENT SYSTEM			
HW-DTS-001	Desktop GUI computer - includes: 512 MB RAM, Floppy Drive, CDROM, Modem, Windows XP Pro	1	Ea	8MDCL1
	17 Inch Monitor	1	Ea	MX-0N8176-47605-5BB-BMN5
	Mouse	1	Ea	X06-08477
	Keyboard	1	Ea	CN-07N242-71616
HW-RMS-001	Rackmount Server computer - 4 RU includes: 512 MB RAM, Floppy Drive, CDROM, Modem, Windows XP Pro	1	Ea	A04060169

KVM	8-port KVM switches with On-Screen Display (OSD) and Audio Support that function as control units allowing access to multiple PC's from a single console (keyboard, mouse, and monitor).	1	Ea	N/A
SI-RTS-08	Device Master RTS-8 RTS - LAN Device Interface - includes 8 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
MVP-BP-100	MaxView software license includes: Software to support up to 16 serial ports or 100 devices, including one each: Device Broker, Communications Server (polling engine), Aperia - Graphical User Interface, Event Logger, InSite - Report Generator.	1	Ea	N/A
Core Router For WAN and Internet Channel				
2811-V/K9	2811 Voice Bundle, PVDM2-16, SP Serv, 64F/256D	1	Ea	X0950C1J7
CAB-ACU	Power Cord UK	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	3	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Male to Smart Serial, 10 feet	7	Ea	N/A

Router PSTN Voice Gateway				
2811	Cisco 2811 w/ AC Power 2FE, 4 HWICs, 2PVDMs, 1NME, 2AIMs, IP BASE, 64F/256D	1	Ea	FTX0939A2GQ
NM-HDV2-2T1/E1	IP Communications High- Density digital Voice NM with 2T1/E1.	1	Ea	N/A
PVDM2-64=	64-Channel Packet Voice/Fax DSP Module	2	Ea	N/A
VIC2-4FXO	Four-port Voice Interface Card - FXO (Universal)	1	Ea	N/A
WIC-1T	1-Port Serial WAN Interface Card	1	Ea	N/A
Core Switch				
WS-C3750-48PS-S	Catalyst 3750 48 10/100 PoE + 4SFP Standard Image	1	Ea	CAT0938Z3F2
WS-C3750-48PS-S	Catalyst 3750 48 10/100 PoE + 4SFP Standard Image	1	Ea	CAT0938Z0KX
WS-C3750G-24TS-SiU	Catalyst 3750 24 10/100/1000+ 4SFP Standard Multilayer: 1RU	1	Ea	CAT0938U2HZ
Security Device				
ASA5520-BUN-K9	ASA 5520 Appliance w/ SW, 300 VPN Peers, 4GE + 1FE, 3DES/AES	1	Ea	JMX0944K087
CAB-ACU	Power Cord UK	1	Ea	N/A
ASA-VPN-CLNT-K9	Cisco VPN Client Softwasre (Windosw, Solaris, Linux,	1	Ea	N/A

	Mac)			
ASA5500-VPN-BASE	ASA 5500 VPN Base License	1	Ea	N/A
SF-ASA-7.0-K8	ASA 5500 Series Software v7.0	1	Ea	N/A
ASA5500-ENCR-K9	ASA 5500 Strong Encryption License (3DES/AES)	1	Ea	N/A
SSM-BLANK	ASA/IPS SSM Slot Cover	1	Ea	N/A
WEBSense URL Filtering Tool				
SF-WEB12	Websense Enterprise 12 month Subscription for CE	1	Ea	N/A
CE-511-S-K9	Content Engine 511 for Security, (1) 80 G SATA Drive, ACNS	1	Ea	QMNCWT5450026
Cisco Secure Access Control Server				
CSACSE	Cisco Secure ACS 3.3 Solution: Includes HW and SW	1	Ea	KQDVH7G
Intrusion Detection System				
IDS-4215-4FE-K9	IDS 4215 Sensor, 80 Mbps with 4FE interface option	1	Ea	88809455160
CAB-ACU	Power Cord UK	1	Ea	N/A
IPS-SW-5.0	IPS 5.0 Software for IDS 4215, IPS 4240 and 4255 series	1	Ea	N/A
Call Manager				

CM4.1-K9-7825	SW CallMgr 4.1, MCS-7835	2	Ea	N/A
MCS-7825-I1-3.0-1PC1	HW only MCS-7825-I1 with P4 3060, 1 GB RAM and 80GB HD	1	Ea	USE540N5GZ
MCS-7825-I1-3.0-1PC1	HW only MCS-7825-I1 with P4 3060, 1 GB RAM and 80GB HD	1	Ea	USE540N5H3
CAB-ACU	Power Cord UK	2	Ea	N/A
Cisco Unity				
UNITYU4-200USR-E	Unity UM Exchg, 200 users, 16 session, 2 TTS	1	Ea	N/A
HPDL360	MCS-7825-HP rack; 1GB, sATA RAID; Win2K	1	Ea	USE540N5H4
Cisco Works NMS				
CWLMS-2.5-R-K9	LMS 2.5 Enterprise WIN/SOL 300 Dev Restricted - Rev May05	1	Ea	N/A
HPDL360	MCS-7825-HP rack; 1GB, sATA RAID; Win2K	1	Ea	USE540N5GV
CiscoWorks IP Telephony Environment Monitor (ITEM)				
CWITEM-2.0-ADD-K9	ITEM 2.0 WIN addon to LMS 2.X	1	Ea	N/A
HPDL360	MCS-7825-HP rack; 1GB, sATA RAID; Win2K	1	Ea	USE540N5H1
Power Supply				
GXT2-700RT230	700VA/490 W On-Line UPS	1	Ea	0532800035AF021
GXT2-700RT230	700VA/490 W On-Line UPS	1	Ea	0532800036AF021

GXT2-700RT230	700VA/490 W On-Line UPS	1	Ea	0532800037AF021
GXT2-700RT230	700VA/490 W On-Line UPS	1	Ea	0532800038AF021
GXT2-700RT230	700VA/490 W On-Line UPS	1	Ea	0532800039AF021
GXT2-700RT230	700VA/490 W On-Line UPS	1	Ea	0532800040AF021
GXT2-3000RT230	3000VA/2100 W On-Line UPS	1	Ea	0519500068A2GQ
GXT2-3000RT230	3000VA/2100 W On-Line UPS	1	Ea	0519500066A2GQ
GXT2-3000RT230	3000VA/2100 W On-Line UPS	1	Ea	0519500067A2GQ
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311BK3
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311A35
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311FG5
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311AF1
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311GKM
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093111VX
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110UM
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110YH
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114MS

	Global			
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114MU
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093119AS
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093119GC
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093113U7
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0929143P
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931145S
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301RZ9
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301SUM
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301SHS
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301EC8
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301SW8
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114RP
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093115P7
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931107U
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302ZDK
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302ZF6
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0930258Z

CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302WMY
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093022PJ
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302NVM
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302K09
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09303OHD
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110VV
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114A6
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093111WO
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931113N
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093111UH
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931146L
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931135A
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311427
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931141V
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09303132
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302LEH
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093115VG
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093111W5

	Global			
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM092915TD
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110UE
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030PY
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030EL
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110RL
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110V0
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311F66
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114TW
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093115T7
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302Z25
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311FCF
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114MZ
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311KBQ
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311GWC
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311EU5
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311K7Z
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301RBE

CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09292G5Q
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09301F7M
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093019UB
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0930152M
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09202VNA
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114BA
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114BP
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093112XS
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030EN
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361JVM
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362E4A
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362E10
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM094315BG
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM094222Q3
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361K7F
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361LFG
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361KK6
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362DXA

	Global			
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362DGZ
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093417CV
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362EA2
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362DBL
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030T3
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09342LTZ
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM094316LT
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09421V13
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09421K64
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09421V2G
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0943153Z
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362E8P
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362FSL
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362DGN
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09362FS4
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361JGT
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361JJW

CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361K28
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09361LCN
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09421UA6
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09421KKZ
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	90	Ea	N/A
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM0947235B
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094713LZ
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094712YD
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094713H0
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094713GF
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM09471MWY
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM0947230B
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094724C8
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094723CX
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM0947131W
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094723EM
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM09442E2X

CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094422K8
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094712K2
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094712FQ
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094712H6
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM0944437F
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM09471NB9
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094712HK
CP-7970G	Cisco IP Phone 7970G, Global	1	Ea	INM094712PN
SW-CCM-UL-7970	CallManager Unit license for single 7970 IP phone	20	Ea	N/A
CP-7960G	Cisco IP Phone 7960G, Global	1	Ea	FCH09488NCP
SW-CCM-UL-7960	CallManager Unit license for single 7960 IP phone	1	Ea	N/A
CP-7914=	7914 IP Phone Expansion Module for 7960	1	Ea	INM09511KSS
CP-SINGLFOOTSTAND=	Footstand kit for single 7914	1	Ea	N/A
CP-PWR-CORD-UK	7900 Series Transformer Power Cord UK	1	Ea	NA
	JALALABAD STATION			

TXINT-180KUG	1.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 10.75 to 12.75 Ghz, receive and 13.75 to 14.50 Ghz, Transmit.	1	Ea	N/A
	RF TO IF EQUIPMENT			
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	63300988
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2073A58
5425	70 Mhz to L-Band UpConverter	1	Ea	17076
	MODEM			
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8057
	NETWORK MANAGEMENT SYSTEM			
SI-RTS-04	Device Master RTS-4 RTS - LAN Device Interface - includes 4 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
Router with Survivable Remote Telephony / High Security				

2811-STST-K9	2811 Voice bundle PVDM2-16, FL-SRST-36, SP Serv, 64F/256D	1	Ea	FTX0950C5PJ
CAB-ACU	AC Power Cord UK	1	Ea	N/A
S28NSPSK9-12311T	Cisco 2800 IOS SP SERVICES	1	Ea	N/A
FL-SRST-36	Feature Lic Servivable Remote Site Telephony up to 36 Phones	1	Ea	N/A
ROUTER-SMD	Device Manager for Routers	2	Ea	N/A
MEM2800-256D-INC	256 MB DDR DRAM Memory factory default for the Cisco 2800	1	Ea	N/A
MEM2800-64CF-INC	64 MB CF default for Cisco 2800 Series	1	Ea	N/A
WIC-BLANK-PANEL	Blank WAN Interface Card panel	1	Ea	N/A
NM-28/38BLNK-PANEL	Cisco 2800 and 3800 Series Blank network module panel	1	Ea	N/A
PVDM2-16	16-Channel Packet Voice/Fax DSP Module	1	Ea	N/A
PWR-2811-AC	Cisco 2811 AC Power Supply	1	Ea	N/A
Cisco2811+ HSEC/K9	2811 Security Bundle, AIM-VPN-EPII-PLUS, IP Serv, 64F/256D	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	1	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Mail to Smart Serial, 10 Feet	1	Ea	N/A
Switch				

WS-CE500-24PC	WS-CE500-24PC	1	Ea	FOC0936W05A
Power Supply				
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800060AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800058AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800001AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800002AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800003AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800004AF021
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311EZQ
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311095
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311B9P
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311A8H
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110XZ
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	5	Ea	N/A
KANDAHAR STATION				

TXINT-180KUG	1.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 10.75 to 12.75 Ghz, receive and 13.75 to 14.50 Ghz, Transmit.	1	Ea	N/A
	RF TO IF EQUIPMENT			
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	61300069
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A0298A39
5425	70 Mhz to L-Band UpConverter	1	Ea	17089
	MODEM			
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8054
	NETWORK MANAGEMENT SYSTEM			
SI-RTS-04	Device Master RTS-4 RTS - LAN Device Interface - includes 4 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
Router with Survivable Remote Telephony / High Security				

2811-STST-K9	2811 Voice bundle PVDM2-16, FL-SRST-36, SP Serv, 64F/256D	1	Ea	FTX0950C5PQ
CAB-ACU	AC Power Cord UK	1	Ea	N/A
S28NSPSK9-12311T	Cisco 2800 IOS SP SERVICES	1	Ea	N/A
FL-SRST-36	Feature Lic Servivable Remote Site Telephony up to 36 Phones	1	Ea	N/A
ROUTER-SMD	Device Manager for Routers	2	Ea	N/A
MEM2800-256D-INC	256 MB DDR DRAM Memory factory default for the Cisco 2800	1	Ea	N/A
MEM2800-64CF-INC	64 MB CF default for Cisco 2800 Series	1	Ea	N/A
WIC-BLANK-PANEL	Blank WAN Interface Card panel	1	Ea	N/A
NM-28/38BLNK-PANEL	Cisco 2800 and 3800 Series Blank network module panel	1	Ea	N/A
PVDM2-16	16-Channel Packet Voice/Fax DSP Module	1	Ea	N/A
PWR-2811-AC	Cisco 2811 AC Power Supply	1	Ea	N/A
Cisco2811+ HSEC/K9	2811 Security Bundle, AIM-VPN-EPII-PLUS, IP Serv, 64F/256D	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	1	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Mail to Smart Serial, 10 Feet	1	Ea	N/A
Switch				

WS-CE500-24PC	WS-CE500-24PC	1	Ea	FOC0936W05F
Power Supply				
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800048AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800046AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800005AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800006AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800007AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800008AF021
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110VU
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114P3
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030EU
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093110SG
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030KD
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	5	Ea	
HERAT STATION				

TXINT-180KUG	1.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 10.75 to 12.75 Ghz, receive and 13.75 to 14.50 Ghz, Transmit.	1	Ea	N/A
	RF TO IF EQUIPMENT			
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	61300053
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2352A59
5425	70 Mhz to L-Band UpConverter	1	Ea	17083
	MODEM			
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8056
	NETWORK MANAGEMENT SYSTEM			
SI-RTS-04	Device Master RTS-4 RTS - LAN Device Interface - includes 4 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
Router with Survivable Remote Telephony / High Security				

2811-STST-K9	2811 Voice bundle PVDM2-16, FL-SRST-36, SP Serv, 64F/256D	1	Ea	FTX0950C5PL
CAB-ACU	AC Power Cord UK	1	Ea	N/A
S28NSPSK9-12311T	Cisco 2800 IOS SP SERVICES	1	Ea	N/A
FL-SRST-36	Feature Lic Servivable Remote Site Telephony up to 36 Phones	1	Ea	N/A
ROUTER-SMD	Device Manager for Routers	2	Ea	N/A
MEM2800-256D-INC	256 MB DDR DRAM Memory factory default for the Cisco 2800	1	Ea	N/A
MEM2800-64CF-INC	64 MB CF default for Cisco 2800 Series	1	Ea	N/A
WIC-BLANK-PANEL	Blank WAN Interface Card panel	1	Ea	N/A
NM-28/38BLNK-PANEL	Cisco 2800 and 3800 Series Blank network module panel	1	Ea	N/A
PVDM2-16	16-Channel Packet Voice/Fax DSP Module	1	Ea	N/A
PWR-2811-AC	Cisco 2811 AC Power Supply	1	Ea	N/A
Cisco2811+ HSEC/K9	2811 Security Bundle, AIM-VPN-EPII-PLUS, IP Serv, 64F/256D	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	1	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Mail to Smart Serial, 10 Feet	1	Ea	N/A
Switch				

WS-CE500-24PC	WS-CE500-24PC	1	Ea	FOC0939W1FP
Power Supply				
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800044AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800042AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800009AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800010AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800021AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800022AF021
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114JW
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302XUX
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311353
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09302NW2
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030PT
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	5	Ea	N/A
MAZAR STATION				

TXINT-180KUG	1.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 10.75 to 12.75 Ghz, receive and 13.75 to 14.50 Ghz, Transmit.	1	Ea	N/A
RF TO IF EQUIPMENT				
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	61300056
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2284A59
5425	70 Mhz to L-Band UpConverter	1	Ea	17082
MODEM				
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8052
NETWORK MANAGEMENT SYSTEM				
SI-RTS-04	Device Master RTS-4 RTS - LAN Device Interface - includes 4 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
Router with Survivable Remote Telephony / High Security				

2811-STST-K9	2811 Voice bundle PVDM2-16, FL-SRST-36, SP Serv, 64F/256D	1	Ea	FTX0950C5PG
CAB-ACU	AC Power Cord UK	1	Ea	N/A
S28NSPSK9-12311T	Cisco 2800 IOS SP SERVICES	1	Ea	N/A
FL-SRST-36	Feature Lic Servivable Remote Site Telephony up to 36 Phones	1	Ea	N/A
ROUTER-SMD	Device Manager for Routers	2	Ea	N/A
MEM2800-256D-INC	256 MB DDR DRAM Memory factory default for the Cisco 2800	1	Ea	N/A
MEM2800-64CF-INC	64 MB CF default for Cisco 2800 Series	1	Ea	N/A
WIC-BLANK-PANEL	Blank WAN Interface Card panel	1	Ea	N/A
NM-28/38BLNK-PANEL	Cisco 2800 and 3800 Series Blank network module panel	1	Ea	N/A
PVDM2-16	16-Channel Packet Voice/Fax DSP Module	1	Ea	N/A
PWR-2811-AC	Cisco 2811 AC Power Supply	1	Ea	N/A
Cisco2811+ HSEC/K9	2811 Security Bundle, AIM-VPN-EPII-PLUS, IP Serv, 64F/256D	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	1	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Mail to Smart Serial, 10 Feet	1	Ea	N/A
Switch				

WS-CE500-24PC	WS-CE500-24PC	1	Ea	FOC0941W001
Power Supply				
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800041AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800050AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800023AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800024AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800025AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800026AF021
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311F2M
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311B1A
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311988
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311F5J
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM09311GSU
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	5	Ea	
GARDEZ STATION				

TXINT-180KUG	1.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 10.75 to 12.75 Ghz, receive and 13.75 to 14.50 Ghz, Transmit.	1	Ea	N/A
	RF TO IF EQUIPMENT			
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	61300059
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2353A59
5425	70 Mhz to L-Band UpConverter	1	Ea	17081
	MODEM			
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8259
	NETWORK MANAGEMENT SYSTEM			
SI-RTS-04	Device Master RTS-4 RTS - LAN Device Interface - includes 4 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
Router with Survivable Remote Telephony / High Security				

2811-STST-K9	2811 Voice bundle PVDM2-16, FL-SRST-36, SP Serv, 64F/256D	1	Ea	FTX0950C5P9
CAB-ACU	AC Power Cord UK	1	Ea	N/A
S28NSPSK9-12311T	Cisco 2800 IOS SP SERVICES	1	Ea	N/A
FL-SRST-36	Feature Lic Servivable Remote Site Telephony up to 36 Phones	1	Ea	N/A
ROUTER-SMD	Device Manager for Routers	2	Ea	N/A
MEM2800-256D-INC	256 MB DDR DRAM Memory factory default for the Cisco 2800	1	Ea	N/A
MEM2800-64CF-INC	64 MB CF default for Cisco 2800 Series	1	Ea	N/A
WIC-BLANK-PANEL	Blank WAN Interface Card panel	1	Ea	N/A
NM-28/38BLNK-PANEL	Cisco 2800 and 3800 Series Blank network module panel	1	Ea	N/A
PVDM2-16	16-Channel Packet Voice/Fax DSP Module	1	Ea	N/A
PWR-2811-AC	Cisco 2811 AC Power Supply	1	Ea	N/A
Cisco2811+ HSEC/K9	2811 Security Bundle, AIM-VPN-EPII-PLUS, IP Serv, 64F/256D	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	1	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Mail to Smart Serial, 10 Feet	1	Ea	N/A
Switch				

WS-CE500-24PC	WS-CE500-24PC	1	Ea	FOC0936W06X
Power Supply				
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800049AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800047AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800027AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800028AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800029AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	0532800030AF021
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931104W
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093113SL
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114PP
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0931149V
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093113VN
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	5	Ea	N/A
KONDUZ STATION				

TXINT-180KUG	1.8 Meter Transmit/Receive Ku-Band Antenna with a two-port linear polarized feed covering the bands 10.75 to 12.75 Ghz, receive and 13.75 to 14.50 Ghz, Transmit.	1	Ea	N/A
	RF TO IF EQUIPMENT			
PAT1107HCN	LNB with 51 degree Noise Temperature, 60 dB gain Low Noise Block Down Converters operating over the band 10.95 to 11.7 Ghz;	1	Ea	61300076
NJT-5017	4 Watt C-Band Block Up Converter covering the 14.0-14.5 ghz Band, Designed for outdoor mount	1	Ea	A2351A59
5425	70 Mhz to L-Band UpConverter	1	Ea	17080
	MODEM			
DMD20	70 Mhz TX, L-Band RX Modem with Viterbi,internal codec, and Reed-Solomon Outer Codec, Data rates up to 2 Mbps,and operation at 110 to 240 VAC, 50-60 Hz.	1	Ea	8051
	NETWORK MANAGEMENT SYSTEM			
SI-RTS-04	Device Master RTS-4 RTS - LAN Device Interface - includes 4 serial ports, selectable RS-232, RS-422, RS-486	1	Ea	N/A
Router with Survivable Remote Telephony / High Security				

2811-STST-K9	2811 Voice bundle PVDM2-16, FL-SRST-36, SP Serv, 64F/256D	1	Ea	FTX0950C5P7
CAB-ACU	AC Power Cord UK	1	Ea	N/A
S28NSPSK9-12311T	Cisco 2800 IOS SP SERVICES	1	Ea	N/A
FL-SRST-36	Feature Lic Servivable Remote Site Telephony up to 36 Phones	1	Ea	N/A
ROUTER-SMD	Device Manager for Routers	2	Ea	N/A
MEM2800-256D-INC	256 MB DDR DRAM Memory factory default for the Cisco 2800	1	Ea	N/A
MEM2800-64CF-INC	64 MB CF default for Cisco 2800 Series	1	Ea	N/A
WIC-BLANK-PANEL	Blank WAN Interface Card panel	1	Ea	N/A
NM-28/38BLNK-PANEL	Cisco 2800 and 3800 Series Blank network module panel	1	Ea	N/A
PVDM2-16	16-Channel Packet Voice/Fax DSP Module	1	Ea	N/A
PWR-2811-AC	Cisco 2811 AC Power Supply	1	Ea	N/A
Cisco2811+ HSEC/K9	2811 Security Bundle, AIM-VPN-EPII-PLUS, IP Serv, 64F/256D	1	Ea	N/A
WIC-2T	2-Port Serial WAN Interface Card	1	Ea	N/A
CAB-SS-V35MT	V.35 Cable, DTE Mail to Smart Serial, 10 Feet	1	Ea	N/A
Switch				

WS-CE500-24PC	WS-CE500-24PC	1	Ea	FOC0941W01Y
Power Supply				
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	05332800045AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	05332800043AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	05332800031AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	05332800032AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	05332800033AF021
GXT2-700RT120	700VA/490 W On-Line UPS	1	Ea	05332800034AF021
IP Phones				
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093111V9
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093030E3
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093114WB
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM0930301Y
CP-7940G	Cisco IP Phone 7940G, Global	1	Ea	INM093111LY
SW-CCM-UL-7940	CallManager Unit license for single 7940 IP phone	5	Ea	N/A

I.3.2 Bandwidth Requirements:

The integrated banking package will require real time processing from regional offices and branches to the HQ. To protect the DAB's financial data, the networks must be a completely independent network and cannot be connected to any of the offeror's other computers or networks.

In addition to supporting the systems and functions stated above, the satellite based WAN must satisfy the specific requirements below.

To effectively run the Central Banking System, National Payment System (NPS) Swift System, email and other web-based application over the WAN, the requirement for bandwidth is average data transfer rates initially of at least:

- For the DAB HQ, dedicated 512 Kbps uplink and 1 Mbps downlink to the Internet SCPC
- For the regional hubs, dedicated bandwidth is 128 Kbps uplink to the DAB HQ and from DAB to regional hubs dedicated 1536 Kbps downlink in burst mode is required.

*** NOTE: Please specify the Transponder name that will be utilized for this delivery and the hub where Internet is terminating.**

Specific network information cannot be provided in this document for security purposes. Vendors wishing to respond to this solicitation will be provided an opportunity to come in and review network information but will not be allowed to make any copies of such information. Once the bid process is complete and an award is made the winning vendor will be provided on a need to know basis any network information needed to perform the specific tasks required.

- Offeror's must have a presence in Kabul and all regional hubs in Afghanistan for the purposes of having a 24 X 7 helpdesk.
- The Offeror is required to send their most qualified technical personnel to work with the equipment integrator vendor in Kabul and regional hubs.
- Standard Maintenance and Support for all the IT and VSAT equipment.
- The Offeror must send qualified maintenance personnel to any site the day the problem is reported or the next business day but in no event more than 24 hours after the problem has been reported. The problem can be reported via telephone, email or written notice.
- Relevant information such as service location, depot, or dispatch point and service hours and days (e.g. Sunday through Thursday, 8:00 a.m. to 6:00 p.m.) shall be included as well.

I-4. PROJECT GOALS

The project goals identified by the IT Department are as follows:

- Take over the control of entire system from the existing Service and Maintenance vendor and change password of each equipment (if vendor is different than the current provider)
- Provision the bandwidth as required in the section I.3.2 and provide a bandwidth allocation chart to the IT department
- Disable all the authentication methods of accessing any of the VSAT and IT system from outside or inside
- Change public IP addresses of the firewall, router and DMZs configured for incoming and outgoing connections
- Probe the DAB's network, at the perimeter (firewalls), and identify access vulnerabilities
- Test resistance to attack and uncover any weaknesses
- Test for vulnerabilities on all IP in DAB HQ and regional hubs for router, switch, operating system, server services and application code vulnerabilities
- Receive vulnerability test results in report format for the IT Department's review and assessment
- Receive recommendations and alternatives (in report form) to resolve and repair all discovered vulnerabilities

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- Re-test to verify resolutions at quarterly intervals.
 - Develop long-term goals for vulnerability prevention and re-assessment
 - Provide 10 International phones to the upper management
 - Provide a block of public IP addresses (more than 15)
 - Provide advanced training of router, firewall, IDS, Cisco Call Manager and ACSecure to the 2 technical staff of DAB IT Department.

I-5. PROJECT MANAGEMENT

The Da Afghanistan Bank RFQ process contact for this RFQ is:

Abdul Samad Yadgari
General Services Director General
General Services Department
Da Afghanistan Bank
Ibnesina Road, Kabul, Afghanistan
Tel: +93 799 209870
Email: as.yadgari@centralbank.gov.af

Also, please copy Ahmad Esmati on each correspondence.

Ahmad Esmati
General Director IT
IT Department
Da Afghanistan Bank
Ibnesina Road, Kabul, Afghanistan
Tel: +93 786 011155
Email: ahmad.esmati@centralbank.gov.af

All technical questions pertaining to this RFQ must be directed to Mr. Obaidullah Obaidi. The selected Service Provider will work with Abdul Samad Yadgari for terms of payments arrangements provided the work is completed satisfactorily to the Work Plan and approved, in writing, by IT Technical Deputy Director Obaidullah Obaidi.

The selected Service Provider will not be eligible for final payment until Ahmad Esmati and Abdul Samad Yadgari certifies, in writing, all project work has been successfully completed.

The DAB S&M project Technical contact designated for this effort is:

Obaidullah Obaidi
Technical Deputy Director General
IT Department
Da Afghanistan Bank
Ibnesina Road, Kabul, Afghanistan
Tel: +93 799 209870
Email: obaid.obaidi@centralbank.gov.af

Until this RFQ process and vendor selection is complete ALL questions regarding this RFQ should be addressed to Abdul Samad Yadgari and Ahmad Esmati as identified above. After vendor selection is complete and an award is made. Mr. Obaidullah Obaidi will be responsible for the technical management of this project.

I-6. REJECTION OF QUOTATIONS

The Da Afghanistan Bank reserves the right to reject any and all quotes received from potential service providers as a result of this request.

I-7. INCURRING COSTS

The Da Afghanistan Bank is not liable for any cost or expenses incurred by the Service Provider in the preparation of their quotation.

I-8. SUBCONTRACTING

Any use of subcontractors by a service provider must be identified in the quotation. During the project period, use of any subcontractors by the selected Service Provider, not previously identified in the quote, must be approved in writing by DAB, prior to any work being done.

I-9. RESOURCES

The DAB will provide technical documentation to the selected Service Provider, on a need to know basis, to assist in the execution of agreed duties. This includes network diagrams, IP addressing schemes and other controlled documents. DAB will provide a work area within the designated work location for the selected Service Provider. Copier and facsimile services are available in the building.

II-1. WORK LOCATION

The location for project coordination will be:

Da Afghanistan Bank
Ibne-e Sina Watt, Opposite Kabul Sarena Hotel
Kabul, Afghanistan

Primary Contact will be:

Abdul Samad Yadgari
General Services Director General
General Services Department
Da Afghanistan Bank
Ibnesina Road, Kabul, Afghanistan
Tel: +93 799 209870
Email: as.yadgari@centralbank.gov.af

Alternate Contact will be:

Ahmad Esmati
General Director IT
IT Department
Da Afghanistan Bank
Ibnesina Road, Kabul, Afghanistan
Tel: +93 786 011155
Email: ahmad.esmati@centralbank.gov.af

Technical Contact will be:

Obaidullah Obaidi
Deputy Director General
IT Department
Da Afghanistan Bank
Ibnesina Road, Kabul, Afghanistan
Tel: +93 799 209870
Email: obaid.obaidi@centralbank.gov.af

II-2. WORK SKILLS

The Service Provider's staff assigned to this project may not change without the express written agreement of the DAB IT department.

The selected vendor must supply project manager to manage the tasks stated in this RFQ. Vendors must provide evidence that proposed project managers have the management skills, technical background, and experience to appropriately manage said project.

The selected service provider must supply support and technical staff dedicated to this project. Staff assigned to this project must be able to work in a cooperative fashion with various DAB staff and other designated contractors during all phases of the project. Staff must be able to coordinate and receive direction from designated DAB staff during the security assessment project. Staff must be able to deliver work that is not in conflict with the priorities and hardware/software choices and limitations as established by DAB. That technical staff must have advance technical knowledge and advance Cisco certification (CCIE for Switching and Routing) and a degree holder in RF and VSAT and more then 15 years experience in the field of RF and VSAT.

It is desirable for the Service Provider to be the holder of the ISO/IEC 17799:2000 Information Security Management certification. Refer to the following URL:
<http://csrc.ncsl.nist.gov/publications/secpubs/otherpubs/reviso-faq.pdf>

The Service Provider should assign technical staff with specialized security certifications such as SANS (GIAC), ISC² (CISSP, SSCP), TruSecure (ICSA), etc. Other desired certifications are Microsoft's MCSE or MCSA, Cisco's, CCNP and CCIE. The certification must be provided along with the proposal submission.

Specialized expertise may be acquired through the use of subcontract agreements. However, the Prime Contractor is required to have staff that has, or will obtain prior to the beginning of the project, training and/or certification in the network security area. Subcontracts must be identified in the proposal according to section I-7 SUBCONTRACTING.

II-3. INFORMATION HANDLING

The nature of this project may require handling of sensitive information. All staff assigned to the project by the selected Service Provider will be required to sign a confidentiality statement to ensure the privacy of individuals. The selected Service Provider cannot use this information or share it with another Service Provider for the purpose of competitive advantage in current and future business activities with the DAB. The selected Service Provider is responsible for ensuring that adequate measures are in place to minimize the access, copying and distribution of such information during work on this project. The selected Service Provider is responsible for proper disposal (i.e. shred, surrender) of both hard and electronic working copies of such sensitive information during work on this project, as well as any remaining information upon the completion of the project.

In addition, Contractor shall not release any sensitive documents or information without the written approval (which may include e-mail or facsimile transmission) of the IT Department. The parties understand that the term "sensitive documents or information" shall mean a document or information that contains the description, design operational plan, or other vital information about a DAB facility or any other critical facility or infrastructure located in DAB Kabul, or contains information about the operational protocols or emergency response capabilities of state or local agency personnel, the content of which could be used by a terrorist or enemy of the Afghanistan to plan an attack upon a critical facility located in Kabul or engage in other activities that could cause death or injury to fire, police, medical, military, or other emergency response personnel, public officials, or the general public.

II-4. TASKS

Tasks to be completed by the selected service provider include but are not limited to the following:

- Project Management – Act as project Manager for the project interfacing with DAB management staff. This includes, but is not limited to managing all project resources/staffing, preparing written meeting reports, preparing weekly status reports, and working with DAB staff as required.
- Project Orientation – Review and gather general data about the project.
- Develop a complete detailed project plan. This plan will be developed by the selected vendor and approved by DAB. This project plan must state all the necessary changes in the network in appropriate and acceptable time manner to take over the network and to make it operational through their satellite and hub (if the vendor is different from the current).
- Disclose through documentation the test methods, software tools (penetration testing tools) and references used.

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- Participate in weekly status review meetings with DAB staff.
 - Prepare weekly written project status reports.
 - Understand and follow DAB's security policies as listed in section II-5.
 - Complete Penetration and access security testing at the network perimeter, routers and servers in compliance with project goals defined above. In the bid, the vendor must provide the software name that will be used for scanning the network (the provision of software for such test is the responsibility of vendor and the software will be property of vendor they will just perform the above test for DAB and will provide the result of test to DAB).
 - Complete vulnerability scanning at the network perimeter, routers, workstations and servers in compliance with project goals defined above. (The provision of software for such test is the responsibility of vendor and the software will be property of vendor they will just perform the above test for DAB and will provide the result of test to DAB).
 - Generate comprehensive and usable reports/information detailing all vulnerabilities discovered through testing.
 - Provide technical support for the duration of the project.
 - Perform monthly maintenance on the VSAT antennas and provide a detailed report to the IT department.
 - The vendor should be available 24X7 to provide technical support and troubleshoot the network issues. A phone number must be established to accommodate the helpdesk calls.
 - Any issue related to VSAT or IT infrastructure (router, firewall, IDS, Call manager, ACSsecure, Unity) must be resolved with in 4 hours from the time the service has been made.
 - It is contractor's responsibility to ensure there are not prolonged outages on the network. Frequent and prolonged outages will be subject to termination of the contract. The expected uptime for the network is 99.9%.
 - A detailed log of each incident and the resolution must be documented and emailed to the IT director and IT Technical Deputy Director.
 - The contractor should develop Service level agreement and have DAB technical resources sign off on it.
 - Coordinate all activities with the Project Contact

II-5. GENERAL REQUIREMENTS

The vendor must adhere to the DAB Security policies standards. The policies can be found at the Office of Administration Information Technology Office WEB site located at <http://www.centralbank.gov.af>

II-7. PROPOSED SCHEDULE

DAB has targeted March 30, 2010 for the first scan and thereafter is requesting that approximately quarterly in each of June 30, 2010, September 30, 2010 and December 30, 2010 /retesting be completed. Within this time frame, vendors should propose a schedule that addresses the completion of all tasks.

PART III. QUOTATION FORMAT

III-1. DETAILED WORK PLAN

Listed below are instructions for responding to this solicitation. Service Providers should address each item and provide the requested response to every question in the order given. Vendors should address and provide a response to each item. Technical evaluation is based on the information provided for each item as requested. Service Providers are cautioned to read carefully and provide all of the information requested if the proposal is not according our RFQ we will reject it.

1. A proposal cover letter must accompany the technical portion of each proposal and **MUST** be signed by an individual authorized to sign contracts on behalf of the prospective service provider. The letter shall contain a brief description of the vendor's understanding of the project and the company's intent to perform the work as described in the work statement in accordance with the specifications provided. State how many years your company has been in business, and how many years it has been providing network security services. Also, provide CVs and certifications of the qualified technical personnel who will be supporting the DAB network and we will technically interview them (the personnel who will be supporting DAB network) after financial bid is completed.

The cover letter should also identify the Name, Title, Telephone Number, Fax Number and e-mail address of the primary contact for the proposal.

2. Provide a brief description of a project similar in scope completed by your company in the last three years. Specifically relate how experience with this project relates to the services requested by this RFQ. Describe software tools and methods used to accomplish tasks stated in the RFQ.
3. Provide at least three references, including telephone numbers and contact persons who will discuss the nature and scope of projects, which were completed by your company. One of these references **MUST** be a contact for the project described in item

#2 above (Similar project). Please insure that the name of the Reference Company is included and that the contacts listed are current

4. Restate your understanding of this project, the requirements of this project, and describe your ability to complete the tasks outlined in this document. **DO NOT include any cost information in this section. All cost data must be bound and sealed separately from the technical portion of the proposal.**
5. Provide a detailed work plan including a manpower summary AND a timeline. This detailed plan must show all tasks necessary to complete the work as described in Part II- Statement of Work. The plan must indicate the number of staff hours required to complete each task. If more than one Category of Personnel performs ANY task then the hours by EACH category of personnel for the task MUST be identified.

Additionally a timeline must be provided defining proposed start and end dates for each task.

DO NOT include any cost information in this section. All cost data must be Bound and sealed separately from the technical portion of the proposal.

6. Provide a brief narrative that describes how many employees your company has engaged in this business available for work in Kabul, Afghanistan. State how many employees will be assigned to this project, briefly describe their roles (Project Manager, technician, etc.), and provide resumes for each employee. Where appropriate, include names, special educational achievements or training, and any certifications important to this project. Describe security certifications, training and experience. Describe the number of years of relevant experience for each of the staff assigned to this effort specifically to the work skills required as defined in Part II – Work Skills.
7. Resumes of staff to be assigned to this project should describe their certification, training, and experience in utilizing these security methodologies (that should be in field of Network, RF and VSAT) and must have the RFQ's mentioned certifications. **Persons proposed for this project may not be changed without the express written agreement of the DAB.**
8. Sub-Contracting - If subcontractors are proposed, list each subcontractor, a brief company description, and other relevant information to enable the department to evaluate the quality and viability of the subcontractor.

III-2. COSTS

1. **The cost portion of the proposal must be separate from the technical portion and must be sealed in a separate envelope, clearly marked "Cost Proposal - Do Not Open".**

The format used to present the cost proposal should be similar to the work plan, depicting each task. Direct labor charges should be itemized by month to show category of personnel used, rate per hour, number of hours, and a subtotal for each category and a grand total.

2. Any other costs in your quote that are not included above must be itemized and clearly identified separately in the cost proposal.
3. Any costs not provided in the cost proposal will be assumed as no charge to the DAB.

Please note that 10% of the total contact amount will be fine per day if tasks are not completed within the stated timeline, until they are completed.

III-3. PROPOSAL SUBMISSION

All proposals must be submitted to Eng. Abdual Samad Yadgari to ensure receipt no later than 12:00 NOON Late proposals will not be accepted for any reason. Additionally, an electronic copy of the technical proposal should be submitted via an e-mail attachment (Word document), in Rich Text format to all mentioned people in this RFQ.

The COST PROPOSAL must NOT be submitted by any electronic means including fax and must arrive in an envelope sealed separate from the technical proposal. An electronic copy of the COST PROPOSAL (Word document or in Rich Text Format) SHOULD be bound and sealed in the COST Proposal and not cost information, hard copy or electronic should be submitted with the Technical portion of the proposal.

An individual authorized to sign contracts on behalf of the prospective service provider must sign the proposal cover letter.