

ATTACHMENT A

NTM-I  
DLOS ADD-ON

TECHNICAL RESPONSE

It is ManTech's understanding that the Direct Line of Sight (DLOS) equipment will be relocated just prior to ManTech taking responsibility for the Operations and Maintenance (O&M) support of it. It is our understanding that ManTech will not begin the O&M support until the relocation and operation of the DLOS equipment is accepted as complete and operational by the NTM-I J6. Due to the fact that the completion of the installation of the DLOS equipment will not be proven to perform at the level stated in the Service Level Agreement, ManTech is requesting a two month evaluation period of the DLOS performance. After this two month evaluation period ManTech, NAMS and NCSA will revisit the SLA for the O&M of the DLOS equipment.

The ManTech engineer will evaluate the spare parts NATO has available to support the DLOS O&M. ManTech will create a Recommended Spare Parts List. It is NATO's responsibility to procure the equipment on the RSPL or to re-reimburse ManTech to procure the equipment on the RSPL.

ManTech will provide O&M to the DLOS equipment that will be provided by NATO. This included the aligning of the equipment and moving of equipment as necessary per location.

- PMI will be completed once a week for all DLOS sites regardless of how many DLOS sites are enabled in the future. Reporting will be provided per PMI.
- The ManTech team will climb the NATO towers to perform O&M of DLOS equipment.
- Access will be provided to the DLOS locations per NTM-I Force Protection directives.

Outages:

- The ManTech team will test for alignment and RF issues between the DLOS sites following any power outage
- ManTech personnel will be on 24x7 standby
- Response time will be one hour after receiving initial call
- On holidays, response time will be one hour after receiving initial call
- If there is a security reason i.e., curfew, lockdown etc, the response time will be applied after the situation is returned to "all clear"

## Curriculum Vitae

Alan Darbyshire

### **Career profile**

An ambitious and professional individual with a considerable array of engineering experiences across the world. A very flexible and capable person who has a natural affinity for engineering and problem solving. A competent and confident team leader with excellent communication skills who is able to work under pressure and meet deadlines.

### **Skills and experience**

#### **Iraq**

- Provided Promina & PABX management for 18 nodes in 2003.
- Was directly responsible for 2 Promina 800 chassis for red and black voice/data in Basrah HQ.
- Advised individual Promina nodes on repairs, maintenance and fault finding while directing site technicians to specific problems.
- Gained extensive experience with the following Promina chassis, P100/200/400/800.
- Was part of a small team which provided customer support to over 100 onsite users (voice/data/VTC) in main HQ in Basrah.
- Engineered the links and internal infrastructure of the Promina system using the following front cards, QASD, USD, HSD, HSD2, E1, T1, E3, TMCP, PVEC, PVS, LDCELP, PPM, PSM, BX, SX, PX3 -4, -8 & -12.
- Installed E1 links utilising the VSAT system on mobile detachments before deployment.
- Written assessment reports on the 18 nodes in south Iraq and Baghdad.

#### **Falklands**

- Part of a 4 person team that maintained all military PABX on the Falkland Islands while providing customer service to users.
- Maintained all DLOS radio links while decommissioning the old radio network.
- Performed routine redundancy battery maintenance at all DLOS sites.
- Helped to provide maintenance for the telephone cable infrastructure.

#### **Afghanistan**

- Gained experience with the NATO communications infrastructure using the following specific equipments, TSGT, DSGT, DLOS, VSAT, COM, Alcatel 4400, HI-PATH 3500 & 4000.
- Familiar with the NATO trouble ticket and fault reporting system.
- Initially provided maintenance for the HI-PATH 3500 before it was upgraded to a HI-PATH 4000.

- Taught on site to use the various Siemens HI-PATH software to a moderate standard.
- Installed E1 and PABX trunks within ISAF for various purposes.
- Repaired a plethora of system faults by either fixing the problem directly or directing site technicians to problem areas.
- Configured Promina nodes for deployment in field.

### **Other Relevant Experience**

- Employed for 3 years as a CGS commander in 628 Signal troop Germany.
- Was responsible for the routine inspection and maintenance of the following equipments, COM, ISM, TSGT and MAINT.
- Written command objectives for the maintenance, repair and testing of those vehicles.
- Have done many exercises within Europe providing a mobile HQ utilising the various NATO equipments.
- Competent with computer hardware and system building (non-server).
- Familiar with the following operating systems, windows 95/98/2000/XP/VISTA.
- Experienced at using Microsoft office and variants.
- Over 6 years of experience using Promina of all types.

### **Team Leader/Management**

- Have been responsible for junior technicians training and development over many arduous exercises.
- Managed shift manning, work schedules and assessment reporting in high pressure environments.
- Written reports on individual technicians for promotion purposes.
- Been trusted with the management and maintenance of more than two million pounds worth of telecoms equipment.
- Have been responsible for 3 to 12+ crew in various scenarios ranging from command tasks to system level fault finding.

### **Professional and Vocational qualifications.**

- Advanced Modern Apprenticeship in Telecommunications (2005)
- NVQ Level 3 in providing a Telecommunications service (JAN 2005)
- BTEC National Diploma in Electrical/Electronic Engineering (1997-1999)
- BTEC First Diploma in Engineering (1997)
- Promina system manager
- Royal Signals Systems Engineering Technician (2002)
- BME Promina NATO system
- Falkland Islands fixed communications (Lambeth)
- Alcatel 4400 PABX
- Conversational German Level 1&2

**Additional**

- Full clean driving licence B, B+E
- Full Provisional entitlement G, H, C, C1, CE, C1E, D, D1, DE and D1E
- Counterbalance forklift 2500kg

END OF CURRICULUM VITAE

## **Curriculum vitae**

Name:	Mohammed Haseeb
Nominated Position:	Junior Telecommunication Analyst
Security Clearance:	N/A
Nationality:	Iraqi

### **PROFILE**

A well seasoned telecommunications technician with experience in installation and engineering of various telecom utilities. Most recently has been involved with installation/pointing of various antenna equipment installed on telecommunication towers in Iraq.

### **SKILLS**

Spectrum Analyzer, RF cabling, Radio/Antenna Tower equipment maintenance.  
Microsoft Office Suite

### **CAREER SUMMARY**

September 2008 - Present

NQ Mobile, Baghdad, Iraq

Technical Manager and point of contact for NATO operations for all tower Direct Line of Sight operations and maintenance

January 2005- January 2006 (Baghdad)

Supervisor of vertical training for tower operations.

March 2004 – December 2004 (Baghdad)

Installation Engineer for commercial telecommunication storage continuity

### **PROFESSIONAL TRAINING**

BFC Communications RF Equipment/radios. Iraqi military academies, 1995

English diploma, College of Baghdad, 1999

Certificate of Training, Installation-pointing/satellite-Spectrum Analyzer- RF Cabling, Belgium, 2008

Certificate of Training, Installation-pointing/satellite-Spectrum Analyzer- RF Cabling, Holland, 2008

### **LANGUAGES**

Arabic – native language

English, diploma, College of Baghdad

### **MISCELLANEOUS**

Working knowledge of Microsoft Office Suite