From:

Sent: 16 November 2015 10:21

To:

Subject: RE: OFFICIAL: SENSITIVE: IT-2015-81

Hi ████

I have forwarded your e-mail to my IT colleague and have asked him to call you asap to discuss.

You mentioned submitting your proposal by lunchtime – Justin and I agreed submission by 3pm today, so I hope that helps.

Kind regards

████

████ Intellectual Property Office

████ | **Procurement Manager**
Intellectual Property Office | Concept House | Cardiff Road | Newport | South Wales | NP10 8QQ | **www.gov.uk/ipo**
Tel: ████ | Email: ████

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From: ████@gdssecurity.com]
Sent: 16 November 2015 09:48
To: ████
Subject: Re: OFFICIAL: SENSITIVE: IT-2015-81

Hi ████

Looking at the information you have supplied, I have a few serious questions to ask:

- The network VA for the number of hosts indicated is enormous, ~1.2 million possible IP addresses; the /19 is 8190 available hosts, the /12 is 1048574 possible hosts and the /16 is 65534 possible hosts. Is there any way this can be refined to indicate how many hosts are likely to be live? If not this is going to be a significant piece of work, we are looking at about 2 weeks of effort.
- the seven firewalls have up to 3000 rules; these would take over week to do alone. You say we should do 1500 of them (50%), could that be both the Checkpoint Firewalls and one of the ASAs? This would reduce this to 1808 which would still take four days.
- Can the number of VLANs in the VLAN hopping exercise be a sample? 230 is a massive amount and if the configuration between them is the same we could get a good indication of the security posture by testing 5% (12??)
- All WiFi 8 SSIDs will take about 3 days to test.
- All 29 external IP addresses can be done in five days if it is an infrastructure pen test only. Are there applications involved here too?
- Reporting on all of the internal stuff will take another few days also.

I guess we are looking at a sample time-boxed test across the board for this. Intentions would be to send a CTL and a CTM to site for █ days, a second CTL for █ days, do the firewalls offsite and have a CTL do the external infrastructure VA remotely for █ days. This would be a total of █ days plus expenses. Even this amount of resource would not be able to test everything you have indicated in your original

requirements so I tried to call to discuss but it went to voicemail. PLease can you give me a call as soon as you get a moment because I need to get this over to you by lunchtime today.

Thanks.

Kind regards,

██████

On 13/11/2015 15:07, ██████████ wrote:
212.100.0.0/19, 172.16.0.0/12 and 1192.168.0.0/16

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████████████
Gotham Digital Science
161 Drury Lane - 4th Floor - London WC2B 5PN
███████████████████████
███████████████

[Website] http://www.gdssecurity.com

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