



**Procurement of Security certificate for Exchange and Document Management system for BHEL-PEM**

Ref No. : PE-LPE/61-01

Date:22-08-2012

**CORRIGENDA/ADDENDA - 01**

**TENDER ENQUIRY NO. : PE-LPE/61 DATED 16/08/2012**

**Sub:- Changes in Technical Specification and Technical and Commercial PQR**

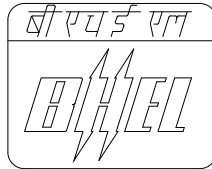
1. Technical specification clause number '2.a.b' is to be taken as "For EXCHANGE 2010, we need to secure one root domain, three sub-domains, and intranet address (FQDN). Therefore, we require minimum of 4 SANs along with the digital certificate."
2. Technical specification clause number '2.b.b' is to be taken as "For DMS, we need to secure one root domain, one sub-domain, and intranet address (FQDN). Therefore, we require minimum of 2 SANs along with the digital certificate."
3. Addition of clause number '2.a.i' and '2.b.h' in technical specification.
4. Technical and commercial PQR clause number 'for exchange server point no 2' is to be taken as "Certificates are able to secure one root domain, three sub-domains, and intranet address (FQDN)".
5. Technical and commercial PQR clause number 'for DMS server point no 2' is to be taken as "Certificates are able to secure one root domain, one sub-domain, and intranet address (FQDN)".
6. Addition of clause " lifetime of certificate is 2 years" in technical PQR

Modified Technical Specification (Annexure – 1) and Technical and Commercial PQR (Annexure – 3) are annexed.

With Regards  
For & on behalf of BHEL

  
Ravi Kant  
Engineer - IT

**BHARAT HEAVY ELECTRICALS LIMITED**



**SCOPE & TECHNICAL SPECIFICATIONS  
FOR  
SECURITY CERTIFICATE  
SPECIFICATION NUMBER: PE888S-1202 REV.01**

**PROJECT ENGINEERING MANAGEMENT DIVISION  
PPEI BUILDING, HRDI & ESI COMPLEX  
PLOT NO. 25, SECTOR 16A  
NOIDA – 201 301 ( U.P. )**

**SCOPE & TECHNICAL SPECIFICATIONS FOR SECURITY  
CERTIFICATE  
SPECIFICATION NUMBER : PE888S-1202 REV. 01**

**1. SCOPE**

The scope of vendor includes:-

- a. Providing the SSL certificate as per technical specification
- b. Providing support for generating CSR
- c. Providing support for installation of the certificate

**2. TECHNICAL SPECIFICATION**

**a. For exchange server**

There are four servers for EXCHANGE 2010 – two mailbox servers and two client access and hub transport servers. The client access servers communicate with the clients and therefore, digital certificates are required to be installed on these servers to secure the communication link between client access servers and clients.

- a) Single certificate should be able to install on two or more servers.
- b) For EXCHANGE 2010, we need to secure one root domain, three sub-domains, and intranet address (FQDN). Therefore, we require minimum of 4 SANs along with the digital certificate.
- c) Extended validation should be available. The color of the address bar should change from white to green when the client accesses the application from the browser.
- d) The certificate should be compatible with Microsoft Outlook 2010, Microsoft Outlook 2007, all web browsers (Internet Explorer, Mozilla Firefox, Google Chrome, Opera, Safari etc.) and mobile phones operating systems (iOS 5.x, iOS 6.x, Bada, Blackberry OS, Windows Mobile 6.x, Windows Mobile 7.x, Windows Mobile 8.x, Android 2.x, Android 3.x, Android 4.x etc.)
- e) Up to 256 bit encryption.
- f) Minimum of 40 bit encryption.
- g) 2048 bit root.
- h) Unlimited free issues for the lifetime of the certificate.
- i) Lifetime of the certificate should be 2 years.

**b. For DMS server**

There are two servers for DMS in failover clustered mode. The specification for the digital certificate for clustered DMS application is as given below:

- a) Single certificate should be able to install on two or more servers.
- b) For DMS, we need to secure one root domain, one sub-domain, and intranet address (FQDN). Therefore, we require minimum of 2 SANs along with the digital certificate.
- c) Extended validation should be available. The color of the address bar should change from white to green when the client accesses the application from the browser.
- d) Up to 256 bit encryption.
- e) Minimum of 40 bit encryption.
- f) 2048 bit root.
- g) Unlimited free issues for the lifetime of the certificate.
- h) Lifetime of the certificate should be 2 years.



## **TECHNICAL AND COMMERCIAL PQR(PRE-QUALIFYING REQUIREMENT) FOR SECURITY CERTIFICATE AT BHEL-PEM,NOIDA**

Questionnaire to be answered by the tenderer by ticking the suitable boxes . Wherever not applicable, please write 'Not applicable'. Additional information if any may be given as an annexure to this.

Sl. No.	Description	Yes	No
<b>For Exchange server</b>			
1	Single certificate is able to install on two or more servers.		
2	Certificates are able to secure one root domain, three sub-domains, and intranet address (FQDN)		
3	Extended validation is available. The colour of the address bar changes from white to green when the client accesses the application from the browser.		
4	The certificate is compatible with Microsoft Outlook 2010, Microsoft Outlook 2007, all web browsers (Internet Explorer, Mozilla Firefox, Google Chrome, Opera, Safari etc.) and mobile phones operating systems (iOS 5.x, iOS 6.x, Bada, Blackberry OS, Windows Mobile 6.x, Windows Mobile 7.x, Windows Mobile 8.x, Android 2.x, Android 3.x, Android 4.x etc.).		
5	Certificate provides up to 256 bit encryption.		
6	Certificate provides minimum of 40 bit encryption.		
7	Certificate is 2048 bit root.		
8	Unlimited free issues for the lifetime of the certificate.		
9	Lifetime of the certificate is 2 years.		
<b>For DMS server</b>			
1	Single certificate is able to install on two or more servers.		
2	Certificates are able to secure one root domain, one sub-domain, and intranet address (FQDN)		
3	Extended validation is available. The colour of the address bar changes from white to green when the client accesses the application from the browser.		
4	Certificate provides up to 256 bit encryption.		
5	Certificate provides minimum of 40 bit encryption.		
6	Certificate is 2048 bit root.		
7	Unlimited free issues for the lifetime of the certificate.		
8	Lifetime of the certificate is 2 years.		
<b><u>COMMERCIAL PQR</u></b>			
1	Net worth of the company as per the latest accounts ( audited, if applicable) should be positive. Proof for the same which should be either copy of audited financial accounts or a certificate from Chartered Accountant is enclosed.		