



BHARAT HEAVY ELECTRICALS LIMITED

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

CORPORATE INFORMATION TECHNOLOGY
NOIDA

CLARIFICATIONS - RFP

Ref. No.: AA:CIT:P31:VC
Date: 28th September 2010

M/s _____

Dear Sirs,

Subject: Video Conferencing Solution – Lease Basis

This is in continuation to sealed quotations invited for the supply, installation and maintenance of Video Conferencing Equipments on 5 year Lease Basis as per RFP ref. no. AA:CIT:P31:VC dated 4th September 2010 (NIT_8844) published on BHEL Corporate Website (www.bhel.com) along with Clarifications vide ref. no. AA:CIT:P31:VC dated 20th September 2010 & 24th September 2010.

In this regard, certain additional modifications / clarifications with respect to RFP are issued, as enclosed at **Annexure–Video Wall**. Bidders are requested to submit their proposals in line with these clarifications / modifications.

Please note that the date of submission of offers and opening are being extended as below:

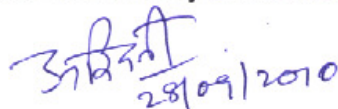
Revised Date of Submission: **17:00 Hrs. on 5th October 2010**

Revised Date of Opening of Techno commercial Offers: **15:00 Hrs. on 6th October 2010**

All other terms and conditions, specifications etc. will be as per original RFP. BHEL takes no responsibility for delay, loss or non-receipt of tender documents sent by post and also reserves the right to accept or reject any or part of the tender without assigning any reason thereof.

You may contact the undersigned for any clarifications in this regard.

With regards
For **Bharat Heavy Electricals Ltd.**


28/09/2010

(Ashwini Kumar)
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Annexure-Video Wall

Revised Minimum Technical Specifications for Video Wall

S.No.	Parameter / Feature	Basic Requirement	Bidder's Response
1	Panel Size	Each Panel of the Video Wall Shall be 50" with wide view angle	
2	Video Wall Size	Shall be 4x3	
3	Panel Gap	Gap between the panels (horizontal & vertical) should be less than 2mm.	
4	Equipment Depth	Depth of each Display Module shall be less than 500mm and the Display Wall shall be front servicable.	
5	Resolution	Should support VGA, SVGA, XGA, SXGA, SXGA+, UXGA, 1080p, dual XGA or higher resolution	
		Should be HD Ready, 1360x768 or higher	
6	Display technology	Should be based on Rear Projection DLP using LED based illumination	
7	Aspect Ratio	Should support aspect ratio of 16:9 or higher	
8	Dynamic Contrast	Should be 5,00,000:1 or higher	
9	Color	Should be 100% EBU	
10	Light Source	The projection system of the display module shall have at least 6x redundant LEDs per color with independent circuitry.	
		Should be able to adjust video wall on dynamic feedback of brightness and color	
11	LED Life	Should be more than 50,000 hours	
12	Display Module Input/Output	Each display module shall have two Dual link DVI inputs and two Dual link DVI loopthrough outputs for redundancy purposes. It shall have an IP port with its own IP address so that it can be monitored remotely over network.	
13	Display Controller	The Display Controller shall have following input/outputs :	
		Minimum 1 HDMI, 2 DVI/VGA, 2 LAN Port, 1 Composite Video, 1 IP input card with 4 channels for decoding H.264/mpeg4 video streams, etc.	
14	System Management	Should be able to manage the system through GUI	
		Should be able to integrate separate projection modules into a single display	
		Should support multiple access from multiple sites	
		Should support access rights and privileges for user from administrator to simple guest.	
		Should provide the health status of the system and support for troubleshooting	
		Should be able to upgrade the system over ethernet	