CORRIGENDUM

The undersigned is directed to refer to this department’s tender notice of even number dated 7th June, 2017 inviting online quotations for award of contract for Renovation work and upgradation of all facilities in Committee Room No. 47 in Department of Industrial Policy and Promotion, Udyog Bhawan, New Delhi. The following amendments are made in the tender document:

<table>
<thead>
<tr>
<th>Existing provisions</th>
<th>Revised Provisions</th>
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</thead>
<tbody>
<tr>
<td>Annexure I P. 5 S. No. xii) The bidder should have had an annual turnover of at least Rs. 10 Crore per year in the previous 2 years, 2014-15 and 2015-2016. Certified annual turnover statement to this effect from a CA should be submitted with the offer.</td>
<td>Annexure I P. 5 S. No. xii) The bidder should have had an annual turnover of at least Rs. 3 Crore per year in the previous 2 years, 2014-15 and 2015-2016. Certified annual turnover statement to this effect from a CA should be submitted with the offer.</td>
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<tr>
<td>Annexure II (P. 9) and Annexure III (P.31)</td>
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<td>1) Video Wall Matrix: A set of 2x2 tiled (70&quot; Diagonal of each cube) 4 cubes with each cube resolution of 1920x1080 pixels full HD resolution.</td>
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<td>Core Technology: The display modules should be rear access &amp; shall utilize the DLP rear-projection technology that guarantees no burn-in or image retention. The technology should use multiple LED’s (R,G,B) light source generating colours. The engine life time should be at least 60,000 hrs.</td>
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<td>Calibration &amp; Control: An auto-calibration system that shall have a duty cycle of 24 hrs. shall automatically measure and analyze individual grey scales levels, hue and color saturation through the use of Industry accepted dual design sensors that can be used for measuring brightness and color values.</td>
<td>Calibration &amp; Control: An auto color and brightness management mechanism to be provided.</td>
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<tr>
<td>Screen: The gap between the screens/combined bezel should be less than or equal to 1.0mm. The brightness should be 250cd/m2 or better under normal viewing mode. The screen horizontal half gain viewing angle should be 30 degree and vertical half gain viewing angle should be 25 degree or better.</td>
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gain viewing angle should be 30 degree and vertical half gain viewing angle should be 25 degree or better.

Redundancy: Redundancy should be provided for Dual link DVI/display port/HDMI input in each module, power supply & LED bank power driver circuitry.

Each Display Module Requirements: The Display Module should have a native aspect of 16:9 & contrast of 1400:1 (fixed) or more. The depth of an individual display module shall be 1200mm or less. The system should have a continuous duty cycle of 24/7 for color calibration and brightness uniformity through the use of automated software. Brightness and color uniformity among all cube should be not less than 95%. Each individual display module must have the ability to be connected to the network for remote monitoring and maintenance. The inputs in each module should support signal connectivity of 4K@30Hz.

Annexure II (P. 10) and Annexure III (P.32)

2) Video Wall Controller: Controller, video wall and wall management software should be from the same manufacturer for seamless integration. The controller and rack is expected to be installed at a distance of 70’ (feet) from the video wall. Adequate cable types and length, transmitters/receivers and associated equipment should be planned for ensuring noise free and distortion free displays of the claimed resolution.

OS & CPU: Windows-7 64 bit Ultimate Version i7 Quad Core Processor or better configuration
CPU Frequency: 3.7 GHz or more
Memory: 16 GB RAM or better
Hard Disk: 320GB Raid-1 or better
Graphics Card: Up to 4 Graphic cards with 2xHD outputs
Output: Up to 8/16 HD displays.
Inputs:
Up to 4x 2ch DVI-I input card (supporting resolutions up to 1920x1200 @60Hz).
Up to 4x 1ch DVI-DL input card (supporting resolutions up to 2560x1600 @60Hz)
Up to 24 Streaming video IP video sources and formats

port/HDMI input in each module & LED bank power driver circuitry.

Each Display Module Requirements: The Display Module should have a native aspect of 16:9 & contrast of 1400:1 (fixed) or more. The depth of an individual display module shall be 1200mm or less. An auto colour and brightness management mechanism to be provided. Brightness and color uniformity among all cube should be not less than 95%. Each individual display module must have the ability to be connected to the network for remote monitoring and maintenance.

Annexure II (P. 10) and Annexure III (P.32)

2) Video Wall Controller: Controller, video wall and wall management software should be from the same manufacturer for seamless integration. However, the CPU could be of the same make or from HP/Dell. The controller and rack is expected to be installed at a distance of 70’ (feet) from the video wall. Adequate cable types and length, transmitters/receivers and associated equipment should be planned for ensuring noise free and distortion free displays of the claimed resolution.

OS & CPU: Windows-7 64 bit Ultimate Version i7 Quad Core Processor or better configuration
CPU Frequency: 3.7 GHz or more
Memory: 16 GB RAM or better
Hard Disk: 320GB Raid-1 or better
Graphics Card: Up to 4 Graphic cards with 2xHD outputs
Output: Up to 6 HD displays.
Inputs:
Up to 4x 2ch DVI-I input card
Up to 4x 1ch DVI-DL input card
Up to 24 Streaming video IP video sources and formats
Power Supply: 100-240V, 50/60Hz, 800W, redundant & LAN

Temperature Range: 0°-40°C Max. 50dBa (measured at 1m)

Video Wall Software:
The Wall Control Software shall allow commands on wall level or cube level or a selection of cubes as per the following:

a. Switching the entire display wall on or off.

b. Setting all projection modules to a common brightness target, which can be either static (fixed) or dynamic to always achieve maximum (or minimum) common brightness between projection modules.

c. Fine-tune color of each cube

d. Auto detection of network sources

e. Backup & restore capabilities

f. Scheduled backup

g. Remote person should be able to see on his remote device over IP or web browser through web streaming technology.

It should also provide capability to the users to see the desktop of the graphics display wall remotely on any WIN 7 PC connected with the Display Controller over Ethernet and change the size and position of the various windows being shown.

Annexure II (P.12) and Annexure III (P.34)

3(b) Provision, supply, installation and commissioning of an interactive floor projection facility capable of projecting a multicolour image of 900x600mm or bigger on the floor in the reception area. It should be possible to display both static/dynamic images, preferably in HD mode. It should have requisite 2D/3D sensors to show transition of image in multiple ways like shift/roll/dissolve out/moving water droplets etc. whenever anyone tries to interact or step on to the image on the floor. The hardware and software should have adequate capacity to programme, store and display one or a sequence of static images or single/multiple dynamic images as per programmed sequence. The system should have a minimum of DDR16GB ram and hard disk of 1TB capacity. The system should be capable enough to display HD level videos without buffering. The floor image would be used.

Annexure II (P.12) and Annexure III (P.34)

3(b) Provision, supply, installation and commissioning of an interactive floor projection facility capable of projecting a multicolour image of 900x600mm or bigger on the floor in the reception area. **System should include WUXGA 5000lumen single chip DLP laser projector or better.** It should be possible to display both static/dynamic images, preferably in HD mode. It should have requisite 2D/3D sensors to show transition of image in multiple ways like shift/roll/dissolve out/moving water droplets etc. whenever anyone tries to interact or step on to the image on the floor. The hardware and software should have adequate capacity to programme, store and display one or a sequence of static images or single/multiple dynamic images as per programmed sequence. The system should have a minimum of DDR16GB ram and hard disk of 1TB capacity. The system should be capable
2. The last date and time for online submission and opening of the tender are also extended. The revised schedule is as under:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Schedule of the Tender</th>
<th>Date And Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Last date and time of submission of EMD</td>
<td>Upto 3.00pm on 6/7/2017</td>
</tr>
<tr>
<td>2.</td>
<td>Last date and time for online submission of tender document</td>
<td>Upto 3.30pm on 6/7/2017</td>
</tr>
<tr>
<td>3.</td>
<td>Date and time for online opening of tender document-Tech. Bid</td>
<td>Upto 3.30pm on 7/7/2017</td>
</tr>
</tbody>
</table>

3. All other terms and conditions in the tender document will remain unaltered.

(Anoop Kumar)
Under Secretary to the Government of India
Tel. No. 23061256