

**All Bidders**

## Amendment-III

Subject: Execution including Supply, Installation, Testing & Commissioning of Surgical Operation Theatre Light at LHMC-New Delhi

Tender No: HSCC/SES/OT-Light/LHMC/2022 Date: 27.10.2022

This has reference to above tender.

The following Amendment may be noted which shall be treated as part of the tender document and to be submitted duly signed & stamp along with tender.

Sr. No.	Bidders' Queries	Reply
1.	<p>Double Dome LED OT light with Full HD Camera</p> <p>The surgical O.T. Light should have Latest Generation Single Bright White Color LED's to develop cool and homogenous light field.</p> <p>Amendment Request:</p> <p>The surgical O.T. Light should have Latest Generation Single Bright <b>White Color LED's and warm LED's/ multicolor LED's</b> to develop cool and homogenous light field.</p> <p>To allow more participation in the tender, as mostly international companies are having a combination of White and warm LED's to achieve best colour temperature and colour rendering index.</p>	<p>The surgical O.T. Light should have Latest Generation Single Bright <b>White Color LED's/ warm LED's</b> to develop cool and homogenous light field.</p>
2.	<p>Double Dome LED OT light with Full HD Camera</p> <p>The surgical O.T. Light should have Latest Generation Single Bright White Color LED's to develop cool and homogenous light field.</p> <p>Amendment Request:</p> <p>The surgical O.T. Light should have Latest Generation <b>Single Bright White Color LED's and Warm LED's/ multicolor</b> to develop cool and homogenous light field.</p>	<p>The surgical O.T. Light should have Latest Generation <b>Single Bright White Color LED's/ Warm LED's</b> to develop cool and homogenous light field.</p>

	To allow more participation in the tender, as mostly international companies are having a combination of White and warm LED's to achieve best colour temperature and colour rendering index.	
3.	<p>Double Dome LED OT light with Full HD Camera</p> <p>Both Main and one satellite Domes should have Power LEDs, main dome should have 4 Modules with each Module having 4 Power LEDs with 24 Latest Generation White Color LEDs &amp; Satellite Dome should have 3 Modules, with each Module having 4 Power LEDs which has 12 no's Latest Generation White Color LEDs. Each of these Power LEDs should have 36 Sub LEDs built-in, totaling to 432 LEDs in both Main Dome &amp; in Satellite dome.</p> <p>Amendment Request:</p> <p><b>Both main and satellite dome should have minimum 8 or more LED engines each and should have more than 120 LED's each to product homogeneous light across the light field diameter.</b></p> <p>Mentioned specs point is company specific. We request you to kindly make it generalised so that other companies can also participate.</p>	<p>Total of more than 400 LEDS in both Main Dome &amp; in Satellite dome for better shadow dilution and depth of illumination</p> <p>Main and Satellite Dome should have lux intensity of 1,60,000 Lux .</p>
4.	<p>Double Dome LED OT light with Full HD Camera</p> <p>Highly cool, homogeneous, symmetrically distributed, colour-true and cast shadowfree light, produced by overlapping identical light beams from single-type white LEDs. Light transmission via collimators for an extremely high in-depth illumination.</p> <p>Amendment Request:</p> <p>Highly cool, homogeneous, symmetrically distributed, colour-true and cast shadowfree light, produced by overlapping identical light beams from <b>single-type white LEDs and warm LED's</b>. Light transmission via collimators for an extremely high in-depth illumination.</p> <p>To allow more participants in the tender.</p>	<p>Highly cool, homogeneous, symmetrically distributed, colour-true and cast shadow free light, produced by overlapping identical light beams from <b>single-type white LEDs/warm LED's</b>. Light transmission via collimators for an extremely high in-depth illumination.</p>

<p>5.</p>	<p>Double Dome LED OT light with Full HD Camera</p> <p>The main light and satellite should have the following specifications:-</p> <ul style="list-style-type: none"> <li>*Variable Light patch diameter from 20 - 25 cms in each domes</li> <li>*Fixed Color temperature of 4300 K</li> <li>*Electronic Illumination adjustment 10% to 100%</li> <li>*Depth of illumination (L1 + L2 ) at 20% of EC should be 110 cms</li> <li>*Total Irradiance (Ee) (max. 1000 W/m<sup>2</sup> for 2 lightheads according to IEC) in standard mode less than 500 W /m<sup>2</sup></li> </ul> <p>Amendment Request:</p> <p>The main light and satellite should have the following specifications:-</p> <ul style="list-style-type: none"> <li>*<b>Variable Light patch diameter from 18-27 cms in each domes</b></li> <li>*<b>Variable Color temperature of 3800 k- 4800 k in three or more steps</b></li> <li>*Electronic Illumination adjustment <b>30% to 100%</b></li> <li>*Depth of illumination (L1 + L2 ) at 20% of EC <b>should be 100 cms</b></li> <li>*Total Irradiance (Ee) (max. 1000 W/m<sup>2</sup> for 2 light heads according to IEC) in standard <b>mode less than 550 W /m<sup>2</sup></b></li> </ul> <p>It should be in a variable range to allow more participants in the tender. Variable colour temperature is required to get the different output from warm light to white light.</p>	<p>Tender terms &amp; conditions prevails except Electronic Illumination adjustment 30% to 100% or better.</p>
<p>6.</p>	<p>Double Dome LED OT light with Full HD Camera</p> <p>Should have Latest Generation Single Bright White LED's &amp; they should have minimum life of 60,000 hours.</p> <p>Amendment Request:</p> <p>Should have Latest Generation <b>Single Bright White LED's and Warm LED's</b> &amp; they should have minimum life of 60,000 hours.</p> <p>Both White and Warm LED's are required to get the variable colour temperature for different clinical applications.</p>	<p>Should have Latest Generation <b>Single Bright White LED's /Warm LED's</b> &amp; they should have minimum life of 60,000 hours.</p>

7.	<p>Double Dome LED OT light with Full HD Camera</p> <p>Should have LED's of a single color only for long term maintenance and ease of replacement.</p> <p>Amendment Request:</p> <p>Should have LED's of <b>white and warm LED's/multicolour</b> for long term maintenance and ease of replacement.</p> <p>Both White and Warm LED's are required to get the variable colour temperature for different clinical applications.</p>	<p>Should have LED's of <b>white /warm LED's</b> for long term maintenance and ease of replacement</p>
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10.	<p>Double Dome LED OT Light</p> <p>The surgical O.T. Light should have Latest Generation Single Bright White Color LED's to develop cool and homogenous light field.</p> <p>Amendment Request:</p> <p>The surgical O.T. Light should have Latest Generation Single Bright <b>White Color LED's and warm LED's/ multicolor LED's</b> to develop cool and homogenous light field.</p> <p>To allow more participation in the tender, as mostly international companies are having a combination of White and warm LED's to achieve best colour temperature and colour rendering index.</p>	<p>The surgical O.T. Light should have Latest Generation Single Bright <b>White Color LED's /warm LED's</b> to develop cool and homogenous light field.</p>
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17.	<p>Should have only Green Ambient lighting with Illumination in the range up to 500 lux, incremental in 5 steps to offer an Illumination field of about 100 cms useful in MIS procedures, available through the control keypad at the light head and at the sterilizable handle in option.</p> <p>Amendment Request:</p> <p>Should have only Green Ambient lighting with Illumination in the range up to <b>500 lux or more</b>, incremental in 5 steps to offer an Illumination field of about 100 cms useful in MIS procedures, available through the control keypad at the light head and at the sterilizable handle in option.</p>	Tender terms & conditions prevail.
18.	<p>The light should have the following shadow parameters or better</p> <p><b>Feature</b></p> <ul style="list-style-type: none"> <li>*Shadow dilution with 1 single Mask- 48% or better</li> <li>*Shadow dilution with 2 Mask- 50% or better</li> <li>*Shadow dilution with 1 Cavity- 96%</li> <li>*Shadow dilution with 1 mask and 1 tube- 44% or better</li> <li>*Shadow dilution with 2 masks and 1 tube- 49% or better</li> <li>*Should be BIS/US FDA, CE, UL certified.</li> </ul> <p>Amendment Request:</p> <p>The light should have the following shadow parameters or better</p> <p><b>Feature</b></p> <ul style="list-style-type: none"> <li>*<b>Shadow dilution with 1 single Mask- 48% or better</b></li> <li>*<b>Shadow dilution with 2 Mask- 48% or better</b></li> <li>*<b>Shadow dilution with 1 Cavity- 96%</b></li> <li>*<b>Shadow dilution with 1 mask and 1 tube- 44% or better</b></li> <li>*<b>Shadow dilution with 2 masks and 1 tube- 48% or better</b></li> <li>*<b>Should be BIS/US FDA, CE, UL certified/ Declaration of Conformity</b></li> </ul>	<p>The light should have the following shadow parameters or better</p> <p><b>Feature</b></p> <ul style="list-style-type: none"> <li>*Shadow dilution with 1 single Mask- 48% or better</li> <li>*Shadow dilution with 2 Mask- 48% or better</li> <li>*Shadow dilution with 1 Cavity- 96%</li> <li>*Shadow dilution with 1 mask and 1 tube- 44% or better</li> <li>*Shadow dilution with 2 masks and 1 tube- 48% or better</li> <li>*Should be BIS/US FDA, CE, UL certified.</li> </ul>



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19.	<p>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</p> <p>The surgical O.T. Light should have Latest Generation Single Bright White Color LED's to develop cool and homogenous light field.</p> <p>Amendment Request:</p> <p>The surgical O.T. Light should have Latest Generation yellow and white color bright LEDs for offering adjustable color temperature and natural day sunlight that is best for surgery. LED's to develop cool and homogenous light field.</p>	<p>The surgical O.T. Light should have Latest Generation Single Bright <b>White Color LED's / warm LED's</b> to develop cool and homogenous light field.</p>
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23.	<p>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</p> <p>Fixed Color temperature of 4300 K</p> <p>Amendment Request:</p> <p>Adjustable color temperature from 3500K to 5000K so that surgeon can set the color temperature as per his choice for different types of surgeries.</p>	Tender terms and condition prevail
24.	<p>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</p> <p>Should have LED's of a single color only for long term maintenance and ease of replacement.</p> <p>Amendment Request:</p> <p>Should have individual LED's of yellow and white color for long term maintenance and ease of replacement.</p>	Should have LED's of <b>white /warm LED's</b> for long term maintenance and ease of replacement.
25.	<p>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</p> <p>Should have only Green Ambient lighting with Illumination in the range up to 500 lux, incremental in 5 steps to offer an Illumination field of about 100 cms useful in MIS procedures,</p>	Tender terms & conditions prevail.

	<p>available through the control keypad at the light head and at the sterilizable handle in option.</p> <p>Amendment Request:</p> <p>Should have Endo mode with Illumination in the range up to 500 lux, incremental in 5 steps to offer an Illumination field of about 100 cms useful in MIS procedures, available through the control keypad at the light head.</p>	
26.	<p><b>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</b></p> <p>The light should have the following shadow parameters or better Feature Parameter - Shadow dilution with 1 single Mask: 48% or better - Shadow dilution with 2 Mask: 50% or better - Shadow dilution with 1 Cavity: 96% - Shadow dilution with 1 mask and 1 tube: 44% or better - Shadow dilution with 2 masks and 1 tube: 49% or better</p> <p>Amendment Request:</p> <p>TO BE DELETED (There is no instrument to identify these parameters)</p>	<p>The light should have the following shadow parameters or better</p> <p><b>Feature</b></p> <p>*Shadow dilution with 1 single Mask- 48% or better</p> <p>*Shadow dilution with 2 Mask- 48% or better</p> <p>*Shadow dilution with 1 Cavity- 96%</p> <p>*Shadow dilution with 1 mask and 1 tube- 44% or better</p> <p>*Shadow dilution with 2 masks and 1 tube- 48% or better</p>
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28.	<p><b>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</b></p> <p>Applicable Standards: BIS/CE marking and UL listed -IEC 60601-1, UL 60601-1, CSA C22.2 N° 601.1 - IEC 60601-2-41:2004, UL 60601-2-41:2004, CSA C22.2 N° 60601.2.41:2004 - EN 60601-1-2, FCC Part 15 - BIS</p> <p>Amendment Request:</p>	<p>Tender terms &amp; conditions prevail.</p>

	<p>Applicable Standards in CE certificate - IEC 60601-1: 2005 - IEC 60601-1-2: 2014 - IEC 60601-2-41:2009 - IEC 60601-2-46:2016 - EN 60601-1-2: 2015</p>	
29.	<p>DOUBLE DOME LED O.T. LIGHT WITH FULL HD CAMERA- 15 Nos</p> <p>HD CAMERA SPECIFICATIONS: Should be BIS/US FDA, CE, UL certified.</p> <p>Amendment Request:</p> <p>Equipment should be Class I European CE or US FDA approved/certified and manufacturer should be ISO 9001 and ISO 13485 certified.</p>	<p>Tender terms &amp; conditions prevail.</p>
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39.	<p>Applicable Standards: BIS/CE marking and UL listed -IEC 60601-1, UL 60601-1, CSA C22.2 N° 601.1 - IEC 60601-2-41:2004, UL 60601-2-</p>	Tender terms & conditions prevail.

	<p>41:2004, CSA C22.2 N° 60601.2.41:2004 - EN 60601-1-2, FCC Part 15 - BIS</p> <p>Amendment Request:</p> <p>Applicable Standards in CE certificate - IEC 60601-1: 2005 - IEC 60601-1-2: 2014 - IEC 60601-2-41:2009 - IEC 60601-2-46:2016 - EN 60601-1-2: 2015</p>	
40.	<p>(i) EMD &amp; Tender Fee Exemption &amp; Price preference for MSME Registered firms: Firms registered with MSME as per Govt. of India order, rules and regulation are exempted from submission of Bid Fee &amp; EMD. Original Equipment Manufacturer (OEM) enlisted in MSME's under Single Point Registration Scheme (SPRS) for participation in government purchases have following benefits as mentioned on the NSIC official website link: <a href="http://www.nsic.co.in/Schemes/Single-Point-Registration.aspx">http://www.nsic.co.in/Schemes/Single-Point-Registration.aspx</a></p> <ol style="list-style-type: none"> <li>1. Issue of the Tender Sets free of cost.</li> <li>2. Exemption from payment of Earnest Money Deposit (EMD).</li> <li>3. In tender participating MSEs quoting price within price band of L1+15 per cent shall also be allowed to supply a portion upto 25% of requirement by bringing down their price to L1 Price, where L1 is non MSEs.</li> </ol>	Tender terms & conditions prevail.
41.	<p>(ii). Comprehensive Annual Maintenance Contract (CAMC):- Not mentioned in your tender documents. CAMC should be 3 years after the completion of 1 year Warranty period. Rates for CAMC should be quoted separately by the vendors. Rates for CAMC quoted by the vendors will also be taken for calculation while evaluating the L1 bidder.</p>	Tender terms & conditions prevail.
42.	<p>(iii) Turnover Clause: Firms registered with MSME as per Govt. of India order, rules and regulation should be exempted from this clause (Policy Circular issued by Ministry of MSME regarding exemption of Turnover for MSME firms enclosed for your ready reference).</p>	Tender terms & condition prevail.
43.	<p>(iv) Experience Criteria: Firms registered with MSME as per Govt. of India order, rules and regulation are exempted for past performance. Also, experience should be taken on the basis of quantity of equipment supplied rather than their overall value. (Policy Circular issued by Ministry</p>	Tender terms & condition prevail.

	of MSME regarding exemption of Experience criteria for MSME firms enclosed for your ready reference).	
44.	<p>Volume-I, Page no. 3, Period of Completion: 3 Months</p> <p>We request the period of completion should be 4 months. The Project is large and arranging quantity of material takes time and resources. In the running site, we practically face many hindrances, problem in working. The equipment are BIS/US FDA, CE, UL certified.</p> <p>We hereby request to kindly increase the completion schedule to 4 months.</p>	Tender terms & condition prevail.
45.	<p>Volume-II, Page no. GCC-18, Clause no. 21.2 Scope of Cover</p> <p>21.2 Scope of Cover (b) the Contractor for his liability: (i) during the Defects Liability Period for loss or damage arising from a cause occurring prior to the commencement of the Defects Liability Period, and</p> <p>We request the Insurance Cover should be applicable upto handing over of goods and not upto DLP period as the insurance is meant for safe delivery of goods at the door step.</p> <p>Secondly, third party insurance is not applicable on us, as it is meant for any damage to other party, whereas no such things is applicable to us, therefore it should be deleted.</p> <p>Thirdly, what is the sum assured required of Insurance.</p> <p>We request for necessary amendment in this respect.</p>	Tender terms & condition prevail.
46.	<p>Volume-II, Page no. GCC-37, Clause no. 44.1 &amp; 44.3</p> <p>44.1 Extension of Time for Completion 44.3 Interim Determination of Extension</p> <p>As we are aware that Extension of Time for Completion is applicable to the contractor due to various reasons as mentioned in the respective clauses. Some times the civil work/infrastructure</p>	Tender terms & condition prevail.



	<p>is not ready to perform activities, sometimes clearance is not granted by HSCC/Client or sometimes drawing is not approved etc etc. Under these conditions extension of time for completion should be granted by HSCC/Client as it is not attributable to the contractor.</p> <p>Secondly, it is in the practice that 10% of project value is deducted, we request it should be 5% of RA Bill.</p> <p>We keep writing letters, reminders, telephonically but EOT is always becomes daunting task. We request EOT matter should be sorted so that the contractor should not suffer.</p>	
47.	<p>Volume-II, Page no. GCC-43, Clause no. 52.2</p> <p>52.2 Power of Engineer to Fix Rates</p> <p>Sir we agree the quoted rates of all the items shall be firm and fixed and binding upon the contractor but we request the increase based on market rate analysis should be applicable on individual/particular item @ 20% rather than on the complete project value.</p> <p>For example Medical Air Compressor, Vacuum Plant, AGSS, Manifold quantity never/cannot increases so how project value will increase. Practically we have to understand that it is difficult for the contractor to keep on waiting for increase till the last item of BOQ.</p>	Tender terms & conditions prevail.
48.	<p>Volume-II, Page no. GCC-55, Clause no. 60.5</p> <p>Retention Money</p> <p>A retention amounting to 2.5% percent of the amounts, determined in accordance with the procedure set out in Sub-Clause 60.1 (h) shall be made by the Engineer in the first and following Interim Payment Certificates, until the amount so retained reaches a limit of retention money (2.5% of Contract Price) as stated in the Appendix to Tender (Annexure - B).</p> <p>We request a total of 2.5% of the RA Bill should be deducted instead of 2.5% of the total project value.</p>	Tender terms & conditions prevail.

	Kindly understand it is hard earned money after lot of efforts.	
49.	<p>Volume-II, Page no. GCC-39, Clause no. 47.2</p> <p>Reduction of Liquidated Damages</p> <p>We request liquidated damages for delay should be deducted in ratio so as to reach 10% as stated in the tender. It should not be 10% in each bill.</p>	Tender terms & conditions prevail.
50.	<p>Volume-III, Page no. SCC-36, Clause no. 21.0</p> <p>Terms of Payment</p> <p>For purposes of estimating the contract value of works executed for certificate of payment, the following norms shall be followed:</p> <ol style="list-style-type: none"> <li>1) 70 % of the BOQ contract rates on delivery of equipments/items at site after inspection and passing on pro-rata basis.</li> <li>2) 20% of BOQ contract rates on satisfactory take over certificate by client after erection and installation, testing and commissioning of equipments/items on pro-rata basis.</li> <li>3) 10 % of BOQ contract rates after successful completion of trial run of 30 days from the date of handover to the client.</li> </ol> <p>We request, the payment terms should be amended as:</p> <ol style="list-style-type: none"> <li>1) 75% of the BOQ contract rates on delivery of equipments at site after inspection and passing on pro-data basis.</li> <li>2) 15% of BOQ contract rates after erection and installation,</li> <li>3) 10% of BOQ contract rates after successful trial run of 30 days to M/s HSCC/Client on pro-data basis.</li> </ol> <p>Please appreciate, as soon as the work order is received, the contractor has to initiate necessary actions for successful execution of the work order. Among the very important, Contractor need to place order to the respective suppliers along with 100% payment because supplier will not wait till the completion of the project. Here it is worthwhile to say that contractor do not get 75% payment as 2.5% amount gets hold for Security from Running Bill; 1% towards Labour Cess; 3% towards Performance Bank Guarantee, 18% towards GST &amp; in case of delay in supply</p>	Tender terms & conditions prevail.

	<p>then liquidated damages. After going through all this in the netshell a contractor gets very less percentage of amount at the initial stage. It is just a eye wash that 70-75% payment will be released on pro-rata basis. Initial payment is the lifeline to the contractors, which gives relief up to some extent.</p> <p>With regard to 15% payment, please be noted that commissioning and handing over has no difference. After commissioning by our experience, most of the sites are not ready for handover such as civil work is not complete, hospital staff/Doctors are not available etc etc. Without any fault of contractor, he need to wait for the payment till the handing over takes place. Therefore this payment should be at the time of erection and installation.</p>	
51.	<p><b>DOUBLE DOME LED O.T. LIGHT with Full HD Camera</b></p> <p>Both Main and one satellite Domes should have Power LEDs, main dome should have 4 Modules with each Module having 4 Power LEDs with 24 Latest Generation White Color LEDs &amp; Satellite Dome should have 3 Modules, with each Module having 4 Power LEDs which has 12 no's Latest Generation White Color LEDs. Each of these Power LEDs should have 36 Sub LEDs built-in, totaling to 432 LEDS in both Main Dome &amp; in Satellite dome.</p> <p>We request following amendments/range should be provided as models and features are different from manufacturer to manufacturer:</p> <p>We request Both Main and one Satellite should have 4-6 Module</p>	<p>Total of more than 400 LEDS in both Main Dome &amp; in Satellite dome for better shadow dilution and depth of illumination</p> <p>Main and Satellite Dome should have lux intensity of 1,60,000 Lux .</p>
52.	<p>The main light and satellite should have the following specifications:-</p> <p>Electronic Illumination adjustment 10% to 100%</p> <p>Electronic Illumination adjustment should be in the range of 20% to 100%</p>	<p>Electronic Illumination adjustment 30% to 100% or better.</p>
53.	<p>Should have Diverging &amp; Refractive technology to produce multiple light beams for perfect visualization on surface as well as in deep cavities.</p>	<p>Tender terms &amp; conditions prevail.</p>

	We request it should be Diverging & Refractive Technology / LED-LENSE Technology	
54.	Should have only Green Ambient lighting with Illumination in the range up to 500 lux, incremental in 5 steps to offer an Illumination field of about 100 cms useful in MIS procedures, available through the control keypad at the light head and at the sterilizable handle in option.  We request it should be warm white Ambient lighting with illumination in the range up to 500 lux, incremental 10 steps. Ambient lighting can be controlled by control panel.	Tender terms & conditions prevail.
55.	Light emission surface: 798 cm <sup>2</sup> for both the domes  Light emission surface should be in the range of 650-800 cm <sup>2</sup>	Light emission surface should be in the range of 650-800 cm <sup>2</sup> or better.
56.	Should be BIS/US FDA, CE, UL certified  Classified as class I product therefore CE Self Declaration is applicable to European Manufactures	Tender terms & conditions prevail.
57.	HD Camera Specification Lens (zoom)- x7 (42x with digital zoom)  We request it should be in the range of x7 to x10 and 32x to 42x digital zoom	Tender terms & conditions prevail.
58.	HD Camera Specification  Ant flicker- Yes  No	Tender terms & conditions prevail.
59.	Should be BIS/US FDA, CE, UL certified  CE Declaration is applicable to European Manufacturers	Tender terms & conditions prevail.
60.	SPECIFICATION FOR DOUBLE DOME LED O.T. LIGHT  Both Main and one satellite Domes should have Power LEDs, main dome should have 4 Modules with each Module having 4 Power LEDs with 24 Latest Generation White Color LEDs & Satellite Dome should have 3 Modules, with each Module having 4 Power LEDs which has 12 no's Latest Generation White Color LEDs. Each of these Power LEDs should have 36 Sub LEDs built-in,	Total of more than 400 LEDS in both Main Dome & in Satellite dome for better shadow dilution and depth of illumination  Main and Satellite Dome should have lux intensity of 1,60,000 Lux .

	<p>totaling to 432 LEDS in both Main Dome &amp; in Satellite dome.</p> <p>We request Both Main and one Satellite should have 4-6 Module</p>	
61.	<p>The main light and satellite should have the following specifications:-</p> <p>Electronic Illumination adjustment 10% to 100%</p> <p>Electronic Illumination adjustment should be in the range of 20% to 100%</p>	<p>Electronic Illumination adjustment 30% to 100% or better.</p>
62.	<p>Should have Diverging &amp; Refractive technology to produce multiple light beams for perfect visualization on surface as well as in deep cavities.</p> <p>We request it should be Diverging &amp; Refractive Technology / LED-LENSE Technology</p>	<p>Tender terms &amp; conditions prevail.</p>
63.	<p>Should have only Green Ambient lighting with Illumination in the range up to 500 lux, incremental in 5 steps to offer an Illumination field of about 100 cms useful in MIS procedures, available through the control keypad at the light head and at the sterilizable handle in option.</p> <p>We request it should be warm white Ambient lighting with illumination in the range up to 500 lux, incremental 10 steps. Ambient lighting can be controlled by control panel.</p>	<p>Tender terms &amp; conditions prevail.</p>
64.	<p>Light emission surface: 798 cm<sup>2</sup> for both the domes</p> <p>Light emission surface should be in the range of 650 cm<sup>2</sup> to 800 cm<sup>2</sup></p>	<p>Light emission surface should be in the range of 650 cm<sup>2</sup> to 800 cm<sup>2</sup> or better.</p>
65.	<p>Should be BIS/US FDA, CE, UL certified</p> <p>Classified as class I product therefore CE Self Declaration is applicable to European Manufactures</p>	<p>Tender terms &amp; conditions prevail.</p>
66.	<p>HSCC (I) Ltd. (the Executing Agency)</p>	<p>HSCC (I) Ltd. (the Executing Agency) may be read as HSCC (I) Ltd. (Consultant).</p>

67.	Integrity Pact & Agreement	Revised Integrity Pact & Agreement format is enclosed herewith at Annexure-B and bidder must submit the same duly signed & stamped along with bid documents.
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All other terms & conditions remain unchanged.

Sd/-  
**Director, LHMC, New Delhi**

INTEGRITY PACT

To,

.....  
.....  
.....

Sub: NIT No. HSCC/SES/OT-Light/LHMC/2022 for the work “Execution including Supply, Installation, Testing & Commissioning of Surgical Operation Theatre Light at LHMC-New Delhi”

Dear Sir,

It is here by declared that HSCC is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the HSCC.

Yours faithfully

HSCC (I) Ltd.  
For & on Behalf of Director, LHMC, New Delhi

Signature of Bidder

Signature of HSCC

## INTEGRITY PACT

To,  
HSCC (India) Limited,  
E-6(A), Sector 1,  
Noida - 201301

Sub: Submission of Tender for the work of “Execution including Supply, Installation, Testing & Commissioning of Surgical Operation Theatre Light at LHMC-New Delhi”

Dear Sir,

I/We acknowledge that HSCC is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that **THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by HSCC. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 6 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, HSCC shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

Signature of Bidder

Signature of HSCC



To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of HSCC.

### INTEGRITY AGREEMENT

This Integrity Agreement is made at ..... on this ..... day of ..... 20.....

#### BETWEEN

HSCC (India) Limited, as a Consultant represented appointed by LHMC, New Delhi by HSCC (India) Limited (hereinafter referred as the 'Principal', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

#### AND

..... (Name and Address of the Individual/firm/Company) ..... through ..... (Details of duly authorized signatory)..... (Hereinafter referred to as the "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

#### Preamble

WHEREAS the Principal has floated the Tender (NIT No. HSCC/SES/OT-Light/LHMC/2022 ) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for "Execution including Supply, Installation, Testing & Commissioning of Surgical Operation Theatre Light at LHMC-New Delhi".

AND WHEREAS the Principal necessarily requires full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

AND WHEREAS In order to achieve these goals, the Principal will appoint Independent External

Signature of Bidder

Signature of HSCC

Monitor(s) (IEM(s))) who will monitor the tender process and the execution of the Contract for compliance with the principles mentioned hereinunder

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

#### Article 1: Commitment of the Principal

The Principal is committed to follow the principle of transparency, equity and competitiveness in public Procurement.

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal, personally or through family members or through any other channel, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
  - (c) The Principal shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- (2) If the Principal obtains information on the conduct of any of its employees, Contractor(s) and/or bidder(s) which constitutes a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

#### Article 2: Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Principal all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
2. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

Signature of Bidder

Signature of HSCC

- (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the Tender process or execution of the Contract any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
  - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign Principal or the foreign Principal directly could bid in a tender but not both. It shall be incumbent on the Indian Agent and the foreign Principal to adhere to the relevant guidelines of the Government of India, issued from time to time regarding availing of services of Indian Agents for Foreign Suppliers. The Bidder(s)/Contractor(s) shall disclose details mentioned in the "Guidelines of Indian Agents of Foreign Suppliers. Also as mentioned in the Guidelines, all the payments made to Indian agent/representatives shall be in Indian Rupees only.
  - (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
  - (f) Bidder(s)/Contractor(s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEM(s) and shall wait for their decision in the matter.
3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
  4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice, wilful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Principal's interests.
  5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or

Signature of Bidder

Signature of HSCC

influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal under law or the Contract or its established policies and laid down procedures, the Principal/ shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract or during the validity of the Integrity Pact has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal at its sole discretion after giving proper opportunity to the Bidder(s)/Contractor(s) shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes for that reason, without prejudice to any other legal rights or remedies available to the Principal under the relevant provisions of the Tender/Contract. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal. Such exclusion may be forever or for a limited period as decided by the Principal.
2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal apart from exercising any legal rights that may have accrued to the Principal, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes a criminal offence within the meaning of IPC/PC Act, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

### Article 4: Previous Transgression

1. The Bidder/Contractor declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector

Signature of Bidder

Signature of HSCC

Enterprises in India that could justify his exclusion from the Tender process.

2. If at any point of time during the Tender Process or after the award of Contract, it is found that the Bidder/Contractor has made an incorrect statement on this subject, he can be disqualified from the Tender process or terminate/determine the Contract, if already executed or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal may, at its own discretion, revoke the exclusion prematurely.

#### Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
2. The Principal will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal will disqualify Bidders, who do not submit, the duly signed Pact between the Principal and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

#### Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/determined by the Competent Authority of HSCC.

#### Article 7- Independent External Monitor(s) (IEM(s))

1. The Principal shall appoint competent and credible Independent External Monitor, nominated by the Central Vigilance Commission, for this pact in case of all works with estimated cost put to tender in excess of Rs.5 crores. The task of the Monitor is to review independently and objectively, the cases referred to it to assess whether and to what extent the parties comply with the obligations under this Integrity Pact.

Signature of Bidder

Signature of HSCC

2. In case of non-compliance of the provisions of the Integrity Pact, the complaint/non-compliance is to be lodged by the aggrieved party with the Nodal Officer only who shall be nominated by the MD, HSCC. The Nodal Officer shall refer the complaint/non-compliance so received by him to the aforesaid monitor.
3. The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor shall report to MD, HSCC.
4. The Bidder(s)/Contractor(s) accepts that the Monitor shall have the right to access without restriction all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The Monitor is under contractual obligation to treat the information and documents with confidentiality.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Principal and request the Principal to discontinue or take corrective action, or to take other relevant action(s). The Monitor can in this regard submit non-binding recommendations. However, beyond this, the Monitor has no right to demand from the parties that they act in a specific manner and/or refrain from action and/or tolerate action.
6. The Monitor will submit a written report to the MD, HSCC within 4 to 6 weeks from the date of reference or intimation to him/her and, should the occasion arise, submit proposals for corrective actions for the violation or the breaches of the provisions of the agreement noticed by the Monitor.
7. If the Monitor has reported to the MD, HSCC of a substantiated suspicion of an offence under relevant IPC/PC Act, and the MD, HSCC has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Chief Vigilance Officer.
8. Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
9. The role of the Monitor is advisory and would not be legally binding and is restricted to resolving issues raised by the Bidder/Contractor.
10. The word "Monitor" means Independent External Monitor and includes both singular and plural forms.

#### Article 8- Other Provisions

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Registered Office of the Principal, i.e., New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing.
3. If the Bidder/Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

Signature of Bidder

Signature of HSCC

4. Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.
6. In view of the nature of the Integrity Pact, the Integrity Pact is irrevocable and shall remain valid even if the main tender/contract is terminated till the currency of the Integrity Pact.

**Article 9- LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....  
 .....

(For and on behalf of Principal)

(For and on behalf of Bidder/Contractor)

**WITNESSES:**

1 .....  
 (signature, name and address)

2 .....  
 (signature, name and address)

Place:  
 Dated: