

Sr No	Volume	Portion	Page	Clause	Existing para / sub- para/ clause	Amendments												
						Add	Delete	Modified	Modified para/ / sub- para/ clause/ New Clause									
1	Volume-01	ITT Annexure-2	Appendix-J Pg-181	Schedule J5	Schedule J5							Schedule J5						
					SI. No.	Description	Unit of Measurement	Qty	Total Price INR Kanpur	Total Price INR Agra	Total Price FC	SI. No.	Description	Unit of Measurement	Qty	Total Price INR Kanpur	Total Price INR Agra	Total Price FC Kanpur
					A.	Contract Spares as per Telecom contract	Nos	LS										
					B.	Design, Manufacture, Supply, Installation, Testing & Commissioning of Telecommunication Equipment at centralized OCC at Lucknow for all 4 corridors of Kanpur and Agra Metro projects as per section MS (Miscellaneous Section) of Appendix-H of Annexure-2 of ITT.	LS	LS										
2	Volume-01	ITT Annexure-2	(PART II) PRICING DOCUMENT Appendix H SECTION MS Pg. 150	Miscellaneous Section for Kanpur and Agra (Cost Center-A)	A12	DLP support for all Telecom Sub-systems as per requirement of this contract for Corridor-I of Kanpur												
3	Volume-01	ITT Annexure-2	(PART II) PRICING DOCUMENT Appendix H SECTION MS Pg. 151	Miscellaneous Section for Kanpur and Agra (Cost Center-B)	B6	DLP support for all Telecom Sub-systems as per requirement of this contract for Corridor-I of Kanpur												
4	Volume-01	ITT Annexure-2	(PART II) PRICING DOCUMENT Appendix H SECTION MS Pg. 153	Miscellaneous Section for Kanpur and Agra (Cost Center-C)	C20	DLP support for all Telecom Sub-systems as per requirement of this contract for Corridor-I of Kanpur												
5	Volume-04	Chapter-8	Annexure A Pg. 57	A-17	Each cube shall be equipped with Redundant Dual Power Supply which should be built in as integral part of projection system. Dual inbuilt power									Each cube shall be equipped with Redundant Dual Power Supply which should be built in as integral part of projection system. Dual inbuilt power supply should				

					supply should be hot swappable. Cooling inside cube shall be by means of a heat pipe.				be hot swappable. Cooling inside cube shall be by means of a heat pipe. OR Any alternate proven product may also be accepted																												
6	Volume-04	Chapter-8	Annexure A Pg. 57	A-18	Each cube should have a screen size of 1550 mm wide and 827 mm high. The cube depth should be less than 750 ±5 % mm.			√	Each cube should have a screen size of 1550 mm wide and 827 mm high. The cube depth should be less than 750 950 mm.																												
7	Volume-01	NIT	Pg No 02	1.1.2	Date & time of Submission of Tender 26.10.2020 up to 15:00 Hrs.			√	Date & time of Submission of Tender 26.10.2020 23.11.2020 up to 15:00 Hrs.																												
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8	Volume-04	Chapter-8	Pg. No. 11	4.2.3	The Contractor shall ensure that the CCTV system equipment supplied under the Contract shall comply with the reliability figures herein: <table border="1" data-bbox="718 779 1596 1297"> <thead> <tr> <th>CCTV System Equipment</th> <th>MTBF (Power on Hours/POH) per unit</th> </tr> </thead> <tbody> <tr> <td>Station and central equipment</td> <td>> 250,000</td> </tr> <tr> <td>IP Fixed Cameras</td> <td>> 200,000</td> </tr> <tr> <td>PTZ cameras</td> <td>>200,000</td> </tr> <tr> <td>Video recording equipment</td> <td>> 250,000</td> </tr> <tr> <td>Video Display Units (monitors)</td> <td>>150,000</td> </tr> <tr> <td>Digital CCTV Keyboard</td> <td>>200,000</td> </tr> </tbody> </table>	CCTV System Equipment	MTBF (Power on Hours/POH) per unit	Station and central equipment	> 250,000	IP Fixed Cameras	> 200,000	PTZ cameras	>200,000	Video recording equipment	> 250,000	Video Display Units (monitors)	>150,000	Digital CCTV Keyboard	>200,000			√	The Contractor shall ensure that the CCTV system equipment supplied under the Contract shall comply with the reliability figures herein: <table border="1" data-bbox="1917 779 2843 1297"> <thead> <tr> <th>CCTV System Equipment</th> <th>MTBF (Power on Hours/POH) per unit</th> </tr> </thead> <tbody> <tr> <td>Station and central equipment</td> <td>> 250,000 50000</td> </tr> <tr> <td>IP Fixed Cameras</td> <td>> 200,000 60000</td> </tr> <tr> <td>PTZ cameras</td> <td>>200,000 25000</td> </tr> <tr> <td>Video recording equipment</td> <td>> 250,000 50000</td> </tr> <tr> <td>Video Display Units (monitors)</td> <td>>150,000 35000</td> </tr> <tr> <td>Digital CCTV Keyboard</td> <td>>200,000 50000</td> </tr> </tbody> </table>	CCTV System Equipment	MTBF (Power on Hours/POH) per unit	Station and central equipment	> 250,000 50000	IP Fixed Cameras	> 200,000 60000	PTZ cameras	> 200,000 25000	Video recording equipment	> 250,000 50000	Video Display Units (monitors)	> 150,000 35000	Digital CCTV Keyboard	> 200,000 50000
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9	Volume-04	Chapter-8	Pg. No. 11	6.2.2.	Varifocal Lenses compatible with 2 MP fixed box type cameras without compromising the resolution/picture quality shall have the following specifications as minimum: <table border="1" data-bbox="727 1472 1590 1654"> <tbody> <tr> <td>1.</td> <td>Focal length</td> <td>9mm – 50mm</td> </tr> <tr> <td>7.</td> <td>Iris Control</td> <td>P-Iris Focus control</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	1.	Focal length	9mm – 50mm	7.	Iris Control	P-Iris Focus control						√	Varifocal Lenses compatible with 2 MP fixed box type cameras without compromising the resolution/picture quality shall have the following specifications as minimum: <table border="1" data-bbox="1926 1472 2789 1738"> <tbody> <tr> <td>1.</td> <td>Focal length</td> <td>9mm – 50mm 9mm-40mm</td> </tr> <tr> <td>7.</td> <td>Iris Control</td> <td>P-Iris Focus control/ DC Iris Focus control</td> </tr> <tr> <td>15.</td> <td colspan="2">Any other technology like CS Mount which permits auto back focussing shall also be accepted.</td> </tr> </tbody> </table>	1.	Focal length	9mm – 50mm 9mm-40mm	7.	Iris Control	P-Iris Focus control/ DC Iris Focus control	15.	Any other technology like CS Mount which permits auto back focussing shall also be accepted.											
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10	Volume-04	Chapter-8	Pg. No. 30	6.2.10 (15)	High Speed, Full High Definition IP PTZ Dome Camera (Day/Night) <table border="1" data-bbox="718 1801 1590 1906"> <tbody> <tr> <td>15.</td> <td>Wide Dynamic Range (As per IEC Standard)</td> <td>110 dB or better</td> </tr> </tbody> </table>	15.	Wide Dynamic Range (As per IEC Standard)	110 dB or better			√	High Speed, Full High Definition IP PTZ Dome Camera (Day/Night) <table border="1" data-bbox="1926 1801 2789 1906"> <tbody> <tr> <td>15.</td> <td>Wide Dynamic Range (As per IEC Standard)</td> <td>110 100 dB or better</td> </tr> </tbody> </table>	15.	Wide Dynamic Range (As per IEC Standard)	110 100 dB or better																						
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11	Volume-04	Chapter-8	Pg. No. 36	6.2.17.1	11. Approvals	The Management Server shall be CE/FCC/UL listed and shall be one of the reputed makes such as IBM, Dell, HP, Fujitsu, Sun Microsystems, either Camera/VMS OEM or equivalent subject to meeting the above specifications. The Server accessories shall also be CE and UL listed. To ensure seamless integration and performance, server should be from same VMS OEM.				11. Approvals	The Management Server shall be CE/FCC/UL listed and shall be one of the reputed makes such as IBM, Dell, HP, Fujitsu, Sun Microsystems, either Camera/VMS OEM or equivalent subject to meeting the above specifications. The Server accessories shall also be CE and UL listed. To ensure seamless integration and performance, server should be from same VMS OEM.
12	Volume-04	Chapter-8	Pg. No. 33	6.2.14 (5)	Joystick (Keyboard) should support USB Interface 2.0 and should be supplied with required interface units.			√		Joystick (Keyboard) should support USB Interface 2.0. and should be supplied with required interface units. Alternatively, RS232 or RS485 shall also be accepted	
13	Volume-04	Chapter-5	Pg. No. 15	5.4.2.2(4)	In a particular zone, group of zones and all zones at stations through Software and hard-wire PAS console;			√		In a particular zone, group of zones and all zones at stations through Software and/or hard-wire PAS console;	
14	Volume-04	Chapter-5	Pg. No. 33	6.3.11.11	All PA speakers shall have a uniform bandwidth from 340 Hz to 18 kHz and shall be equipped with selectable multi power tapings.			√		All PA speakers shall have a uniform bandwidth from 340 Hz to 18 14 kHz and shall be equipped with selectable multi power tapings.	
15	Volume-04	Chapter-5	Pg. No. 4	2	Not Used.		√			Not Used. Equivalent functionality achievement for PA System by IP Technology may also be acceptable.	
16	Volume-04	Chapter-10	Pg. No. 13	5.1.3	Support standalone operation while communication failure with central server			√		Support standalone operation while communication failure with central server. This functionality can be achieved by any equipment at station.	
17	Volume-04	Chapter-10	Pg. No. 14	5.3.1	The access card reader shall have suitable internal memory for data storage for fast access and operation of system in fall-back mode.			√		The access card reader shall have suitable internal memory for data storage for fast access and operation of system in fall-back mode. Storage at controller level is also acceptable.	
18	Volume-04	Chapter-10	Pg. No. 20	5.9(a)	Automatic self-test facility, automatic detection and automatic configuration			√		Automatic self-test facility, automatic detection and automatic configuration	