

Addendum - 9

| Sr. No. | Page No. | Clause No. | Original Clause | To be Replaced by |
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| 1 | 295 | Volume-II, Section-3.8 Technical Specifications : Unarmored Fiber Optic Cable, Mechanical Characteristics of Cable, Sr. No. 16 | Weight kg/km : Approx. 162+ 10 kg/km | The said specification stands deleted |
| 2 | 295 | Volume-II, Section-3.8 Technical Specifications : Unarmored Fiber Optic Cable, Mechanical Characteristics of Cable, Sr. No. 18 | Armoring : Copolymer Laminated Steel | The said specification stands deleted |
| 3 | 294 | Volume-II, Section-3.8 Technical Specifications : Unarmored Fiber Optic Cable, Mechanical Characteristics of Cable, Sr. No. 8 | Armoring : Yes | The said specification stands deleted |
| 4 | 296 | Volume-II, Section-3.8 Technical Specifications : Armored Fiber Optic Cable, Mechanical Characteristics of Cable, Sr. No. 16 | Weight kg/km Approx. : 250+ 10 kg/km | The said specification stands deleted |
| 5 | 255 | Volume-II, Section- 3.3.5 CIOC - Collaboration Solution for Helpdesk, Functional Requirements, CM-CMS-1.82 | The MCU must be a secure Non-PC Hardware with a strong operating system. The Hardware and software must be from the same OEM. | The MCU must be a secure Non-PC Hardware with a strong operating system. |
| 6 | 341 | Volume-II, Section-3.8 Technical Specifications : Indoor LED display for Public, Sr. No. 15 | Relative Operating Humidity : 10% - 90% RH | Relative Operating Humidity : at least 10% - 80% RH |

REQUEST FOR QUALIFICATION (RFQ) CUM REQUEST FOR PROPOSAL (RFP) FOR APPOINTMENT OF MASTER SYSTEM INTEGRATOR FOR DESIGN, SUPPLY, INSTALL, TEST, INTEGRATE, COMMISSIONING, OPERATION AND MAINTENANCE OF ICT COMPONENTS IN CLUSTER A1 OF ACTIVATION AREA

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| 7 | 341 | Volume-II, Section-3.8 Technical Specifications : Indoor LED display for Public, Sr. No. 19 | Lifetime : 50,000 hrs. | Lifetime : At least 50,000 hrs. |
| 8 | 342 | Volume-II, Section-3.8 Technical Specifications : LED Display Controller, Sr. No. 10 | Operating Temperature : -20 – 75 deg C | Operating Temperature : At least 0 – 40 deg C |
| 9 | 342 | Volume-II, Section-3.8 Technical Specifications : LED Display Controller, Sr. No. 11 | Operating Humidity : 0% - 95% | Operating Humidity : At least 10% - 85% |
| 10 | 342 | Volume-II, Section-3.8 Technical Specifications : Video Processor, Sr. No. 7 | Power: 100-240VAC 35W 50 / 60Hz | Power: 100-240VAC 50 / 60Hz |
| 11 | 231 | Volume-II, Section-3.3.2 CIOC – Technical Specification for Control Room Interiors, 2. LED based Square Light | a) Make: OSRAM/Philips/Wipro/Pyrotech | The said specification stands deleted |
| 12 | 231 | Volume-II, Section-3.3.2 CIOC – Technical Specification for Control Room Interiors, 3. LED based Strip Light | a) Make: OSRAM/Philips/Wipro | The said specification stands deleted |

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| 13 | 342 | Volume-II, Section-3.8 Technical Specifications : LED Display Controller, Sr. No. 4 | Other Features: HD Text, Flash, Graphics & Logo Overlay Picture Freeze function 2304 x 1152 or 2560 x 816 output for single machine Multi-machine in parallel, multi-unit installed in parallel drive indefinite LED lattice Easy setup and adjustment through knob and keys on the panel. Full design RS232 command for operating and sting 2 LED Transmission Cards Built-in ability (sending cards are optional) | Other Features: HD Text, Flash, Graphics & Logo Overlay Picture Freeze function 2304 x 1152 or 2560 x 816 output for single machine Full design RS232/ IP based command for operating and sting 2 LED Transmission Cards Built-in ability |
| 14 | 341 | Volume-II, Section-3.8 Technical Specifications: Indoor LED Display for public, Sr. No. 18 | IP40 Front / IP20 Rear | At least IP 30 |
| 15 | 154 | Volume-II, Section-3.2.1 ERP Suite of applications | ERP Suite of Applications | ERP COTS/Open Source solution is allowed |
| 16 | 154 | Volume-II, Section-3.2.1 ERP Suite of applications | ERP Solution: Proposed ERP System should be Open-Source only with enterprise support for 5 years from the date of Go-Live. "Open-Source ERP" means software for which the source code is made freely available and may be redistributed and modified. Bespoke or owned developed solution will not be considered and accepted. | ERP Solution: Proposed ERP System should be COTS/Open-Source with enterprise support for 5 years from the date of Go-Live. "Open-Source ERP" means software for which the source code is made freely available and may be redistributed and modified. Bespoke or owned developed solution will not be considered and accepted. |

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| 17 | 218 | Vol II, Section 3.3.2 CIOC – Technical Specification for Control Room Interiors, Control room design, Mandatory requirement, Proven track record. Pg. no 218 | Minimum 10 installations of control rooms/ NOC areas with appreciation letters for the turnkey scope including but not limited to control desks, ceiling, flooring, illumination and wall cladding from reputed companies to be submitted along with the bid. These packages should have been executed on or before Bid release date. | Minimum 10 installations of control rooms/ NOC areas for end to end successful implementation and completion certification for the scope including but not limited to control desks, ceiling, flooring, illumination and wall cladding from reputed companies to be submitted along with the bid. These packages should have been executed on or before Bid release date. |
| 18 | 219 | Vol II, Section 3.3.2 CIOC TECHNICAL SPECIFICATIONS: control desk Structure f. page no 219 | The Entire console must be UL Listed. Certificate need to be submitted along with the bid. | The Entire console must be UL Listed/ equivalent . Certificate need to be submitted along with the bid. |
| 19 | 223 | Volume II: TECHNICAL SPECIFICATIONS: ITEM NO. 1 STRAIGHT METAL PANELLING Design iv. Page 223 | Wall paneling system must be RoHS certified from UL/Intertek. Valid certificate to be submitted along with the technical Bid. | Wall panelling system must be RoHS certified from UL/Intertek/similar authority . Valid certificate to be submitted along with the technical Bid. |
| 20 | 227 | Volume II: TECHNICAL SPECIFICATIONS: Designer Acoustic Metal False ceiling with Straight/Curvilinear linear Plank Ceiling , (Main Control Room) vi. page no 227 | The Ceiling must be RoHS certified (from UL/Intertek) to ensure restriction of hazardous substance in any of the materials. (Certificate to be submitted along with the technical Bid) | The Ceiling must be RoHS certified (from UL/Intertek/similar authority) to ensure restriction of hazardous substance in any of the materials. (Certificate to be submitted along with the technical Bid) |

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| 21 | 224 | Volume II: TECHNICAL SPECIFICATIONS: Interior, ITEM NO. 1 STRAIGHT METAL PANELLING. Design vii. Page no 224 | Wall Paneling & partition shall be Seismic Zone 5 Tested & certified from approved government agency, relevant vii certificate to be submitted along with the technical Bid. | Wall Paneling & partition shall be Seismic Zone 4 or better Tested & certified from approved government agency, relevant certificate to be submitted along with the technical Bid. |
| 22 | 343 | Volume II, Technical specifications, IP phone without display | Support for 2 wired extension microphones | Support for 2 wired extension/ inbuild microphones |
| 23 | 295 | Volume-II, Section-3.8 Technical Specifications : Unarmoured Fiber Optic Cable;, Sr. No. 20 | Fiber Category: OS2 G652D (meet ITU G.657.A1 requirements) (ECCS Tape) | Fiber Category: OS2 G652D (meet ITU G.657.A1 requirements) |
| 24 | 295 | Volume-II, Section-3.8 Technical Specifications : Unarmoured Fiber Optic Cable;, Sr. No. 24 | Mode Field Diameter: 8.6 ± 0.4 mm @ 1310 nm | Mode Field Diameter: As per ITU-G.657 Standard |
| 25 | 295 | Volume-II, Section-3.8 Technical Specifications : Unarmoured Fiber Optic Cable;, Sr. No. 30 | Approvals: ISO.IEC 11801 - 2nd Edition, type OS1/OS2; AS/ACIF S008; AS/NZS 3080; ITU-T REC G 652D spec for Low Water Peak fiber | Approvals: ISO.IEC 11801 - 2nd Edition or type OS1/OS2 or AS/ACIF S008 or AS/NZS 3080 or ITU-T REC G 652D spec for Low Water Peak fiber |
| 26 | 296 | Volume-II, Section-3.8 Technical Specifications : Optical Characteristics of fiber;, Sr. No. 7 | Mode Field Diameter: 8.6 +/- 0.4 μm @ 1310 nm | Mode Field Diameter: As per ITU-T-G652D Standard |

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| 27 | 296 | Volume-II, Section-3.8 Technical Specifications : Optical Characteristics of fiber:, Sr. No. 5 | Effective Group Index of refraction: 1.4676 @ 1310nm ; 1.4682 @ 1550 nm | Effective Group Index of refraction: 1.4676 +/- 5 @ 1310nm ; 1.4682 +/- 5 @ 1550 nm |
| 28 | 296 | Volume-II, Section-3.8 Technical Specifications : Optical Characteristics of fiber:, Sr. No. 12, 14, 16 | Fiber Macro bend (1 turn @ 7.5 mm diameter): < 0.10 dB @ 1550 nm Optical Skew: <0.75 ns Serial 1 Gigabit Ethernet: ≥ 5000 m (@1310 nm) | These Clause Stands deleted as not applicable to asked Fiber Category G652D |
| 29 | 18 | Volume-III, Section-2.5.4 Securities, 2.5.4.1 | The MSI shall, within ten (10) days of the notification of Contract award, provide a security for the due performance of the Contract in the amount and shall be denominated in the currency of the contract for an amount equal to 10 percent of the Contract Price. | <p>1. The MSI shall, within ten (10) days of notification of Contract Award , provide a security for the due performance of the Contract in the amount and shall be denominated in the currency of the contract for an amount equal to 6.50 percent of the total Contract Price and shall keep valid up to 24 months after operational acceptance and go-live.</p> <p>2. Subsequently the MSI shall, at least 30 days before requisite date of keeping validity of above security, provide separate security for the due performance of the Contract in the amount and shall be denominated in the currency of the contract for an amount equal to 2.10 percent of the total Contract</p> |

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| | | | | <p>Price and shall keep valid up to 60 days after end of DLP and O&M Period. The value of this 2.10% security can be reduced on annual basis based on contractor application with full details to be received 45 days in advance in proportion to the O&M services performed as per payments admitted during last year.</p> <p>3. The 6.50 % security shall be released only after acceptance of 2.10 % security.</p> |
| 30 | 27 | Volume-III, Section-2.7.4 and 2.11.7 | <p>The overall liability of the MSI and the Employer under this Contract shall not exceed the Contract Price, provided that this limitation shall not apply to any obligation of the MSI to indemnify the Employer with respect to intellectual property rights infringement.</p> | <p>The overall liability including recovery of amount of the MSI under this Contract shall not exceed the Contract Price of CAPEX component paid at any point of time from construction period till end of DLP and O&M, provided that this limitation shall not apply to any obligation of the MSI to indemnify the Employer with respect to intellectual property rights infringement and the MSI shall not be liable to the Employer, whether in contract or otherwise, for any</p> |

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| | | | | indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the MSI to pay liquidated damages to the Employer |
| 31 | 43 | 2.11.3.4 | The Defect Liability (Warranty) Period shall commence from the date of Operational Acceptance of the System (or of any major component or Subsystem for which separate Operational Acceptance is provided for in the Contract) and shall extend for 12 months. | Defect Liability Period shall commence from the date of Operational Acceptance and Go-live of the System (or of any major component or Subsystem for which separate Operational Acceptance is provided for in the Contract) for 60 months from commencement date or any extended period. |
| 32 | 346 | Volume-II, Section- 3.8 Technical Specifications : Variable Message Sign boards, Rack frame Power distribution unit- point no -13 | AC Power Load Min: 510 KW | AC power load min : 30 KW or higher |
| 33 | 339 | Volume-II, Section-3.8 Technical Specifications : Video Wall Display/ Screen:, Sr. No. 13 | Screen to Screen Gap: ≤ 0.3 mm | Screen to Screen Gap: ≤ 0.5 mm |