

Corrigendum-1

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause
1	All Packages	SN-1(e) of Schedule-A and Schedule-B of all eight Packages of SOR, Chapter-2	Video FRS software in Video Recorder Unit (VRU)/Mobile Network Video Recorder (MNVR) inside train coach	Face image cropping tool (with Metadata) in Video Recorder Unit (VRU)/Mobile Network Video Recorder (MNVR) inside train coach and FRS Software for Database and Matching Servers at DC & DR. Note - FRS Software for Database and Matching Server is required to be installed at Datacenter (DC & DR).
2	-	Clause 3.D.12 & 3.D.13 of Tender Document	Newly Added Clause	Please read Annexure-A of this Corrigendum.
3	Page No. 127	Clause 4.A.14.2, Point-2, Note-(b)	(b) In Case OEM has offered its Hardware/Software for more than one package, then OEM is allowed to submit PO reference and amount supplied certificate of cumulative amount for quoted packages (as mentioned in BDS, Chapter-5, Section-I) for meeting the above mentioned criteria.	(b) In Case OEM has offered its Hardware/Software for more than one package, then OEM shall submit PO reference and amount supplied certificate for each quoted packages (as mentioned in BDS, Chapter-5, Section-I) for meeting the above mentioned criteria.

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause
4	Page No. 127	Clause 4.A.14.2, Point-2	Supporting Documents Required - For OEMs of VRU/M-NVR, multiple POs of servers of same series/family of offered VRU and multiple POs of mobile NVR of same series/family of offered mobile NVR shall be considered.	Supporting Documents Required - For OEMs of VRU/M-NVR, multiple POs of servers of same series/family of offered VRU and multiple POs of NVR/mobile NVR of same series/family of offered mobile NVR shall be considered.
5	Page No. 244 & 245	Point (ii), Part-B (FRS), Clause 6.2.1, Point no. (xi), Annexure-III, POC, Chapter-7	Description - Face Recognition Mobile Application for Android and IOS Mobile a. The FRS system shall have Android and IOS Mobile Application for Facial Recognition Purpose. b. Mobile App API shall be provided for third party app integration. Requirement- Should be demonstrated (i) Android and (ii) IOS Mobile.	Description - Face Recognition Mobile Application for Android and/or IOS Mobile a. The FRS system shall have Android and/or IOS Mobile Application for Facial Recognition Purpose. b. Mobile App API shall be provided for third party app integration. Requirement- Should be demonstrated (i) Android and/or (ii) IOS Mobile. Note - Mobile application supplied at the time of implementation shall support both Andriod and IOS.
6	Page No. 170	Clause 4.A.14.1, Chapter-4-A, (Section-I), Point-3	Point-3 - SN Package Amount 1 Package-1-NR (EMU) ₹ 67,41,52,235 2 Package-2-ER (EMU) ₹ 2,83,37,49,115 3 Package-3-WR (EMU) ₹ 2,91,02,58,898 4 Package-4-SR (EMU) ₹ 1,05,16,48,615 5 Package-5-NR (Premium) ₹ 1,18,18,36,027 6 Package-6-ER (Premium) ₹ 93,24,86,959 7 Package-7-WR (Premium) ₹ 57,05,24,841 8 Package-8-SR (Premium) ₹ 40,57,90,516	Point-3 SN Package Amount 1 Package-1-NR (EMU) ₹ 67,41,52,235 2 Package-2-ER (EMU) ₹ 2,83,37,49,115 3 Package-3-WR (EMU) ₹ 2,91,02,58,898 4 Package-4-SR (EMU) ₹ 1,05,16,48,615 5 Package-5-NR (Premium) ₹ 1,18,18,36,027 6 Package-6-ER (Premium) ₹ 93,24,86,959 7 Package-7-WR (Premium) ₹ 57,05,24,841 8 Package-8-SR (Premium) ₹ 40,57,90,516 Total of all Packages ₹ 10,56,04,47,206

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7	Page No. 170 & Page no. 173	Clause 4.A.14.1, Chapter-4-A, (Section-I), Point-4 (Part-1)	Point-4 Three similar works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 13,48,30,447 2 Package-2-ER (EMU) ₹ 56,67,49,823 3 Package-3-WR (EMU) ₹ 58,20,51,780 4 Package-4-SR (EMU) ₹ 21,03,29,723 5 Package-5-NR (Premium) ₹ 23,63,67,205 6 Package-6-ER (Premium) ₹ 18,64,97,392 7 Package-7-WR (Premium) ₹ 11,41,04,968 8 Package-8-SR (Premium) ₹ 8,11,58,103	Point-4 Three similar works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 13,48,30,447 2 Package-2-ER (EMU) ₹ 56,67,49,823 3 Package-3-WR (EMU) ₹ 58,20,51,780 4 Package-4-SR (EMU) ₹ 21,03,29,723 5 Package-5-NR (Premium) ₹ 23,63,67,205 6 Package-6-ER (Premium) ₹ 18,64,97,392 7 Package-7-WR (Premium) ₹ 11,41,04,968 8 Package-8-SR (Premium) ₹ 8,11,58,103 Total of all Packages ₹ 2,11,20,89,441
8	Page No. 170 & Page no. 173	Clause 4.A.14.1, Chapter-4-A, (Section-I), Point-4 (Part-2)	Two Similar Works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 17,97,73,929 2 Package-2-ER (EMU) ₹ 75,56,66,431 3 Package-3-WR (EMU) ₹ 77,60,69,039 4 Package-4-SR (EMU) ₹ 28,04,39,631 5 Package-5-NR (Premium) ₹ 31,51,56,274 6 Package-6-ER (Premium) ₹ 24,86,63,189 7 Package-7-WR (Premium) ₹ 15,21,39,958 8 Package-8-SR (Premium) ₹ 10,82,10,804	Two Similar Works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 17,97,73,929 2 Package-2-ER (EMU) ₹ 75,56,66,431 3 Package-3-WR (EMU) ₹ 77,60,69,039 4 Package-4-SR (EMU) ₹ 28,04,39,631 5 Package-5-NR (Premium) ₹ 31,51,56,274 6 Package-6-ER (Premium) ₹ 24,86,63,189 7 Package-7-WR (Premium) ₹ 15,21,39,958 8 Package-8-SR (Premium) ₹ 10,82,10,804 Total of all Packages ₹ 2,81,61,19,255

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9	Page No. 170 & Page no. 173	Clause 4.A.14.1, Chapter-4-A, (Section-I), Point-4 (Part-3)	One Similar Works each costing not less than the amount equal as mentioned below <table><thead><tr><th>SN</th><th>Package</th><th>Amount</th></tr></thead><tbody><tr><td>1</td><td>Package-1-NR (EMU)</td><td>₹ 26,96,60,894</td></tr><tr><td>2</td><td>Package-2-ER (EMU)</td><td>₹ 1,13,34,99,646</td></tr><tr><td>3</td><td>Package-3-WR (EMU)</td><td>₹ 1,16,41,03,559</td></tr><tr><td>4</td><td>Package-4-SR (EMU)</td><td>₹ 42,06,59,446</td></tr><tr><td>5</td><td>Package-5-NR (Premium)</td><td>₹ 47,27,34,411</td></tr><tr><td>6</td><td>Package-6-ER (Premium)</td><td>₹ 37,29,94,784</td></tr><tr><td>7</td><td>Package-7-WR (Premium)</td><td>₹ 22,82,09,937</td></tr><tr><td>8</td><td>Package-8-SR (Premium)</td><td>₹ 16,23,16,207</td></tr></tbody></table>	SN	Package	Amount	1	Package-1-NR (EMU)	₹ 26,96,60,894	2	Package-2-ER (EMU)	₹ 1,13,34,99,646	3	Package-3-WR (EMU)	₹ 1,16,41,03,559	4	Package-4-SR (EMU)	₹ 42,06,59,446	5	Package-5-NR (Premium)	₹ 47,27,34,411	6	Package-6-ER (Premium)	₹ 37,29,94,784	7	Package-7-WR (Premium)	₹ 22,82,09,937	8	Package-8-SR (Premium)	₹ 16,23,16,207	One Similar Works each costing not less than the amount equal as mentioned below <table><thead><tr><th>SN</th><th>Package</th><th>Amount</th></tr></thead><tbody><tr><td>1</td><td>Package-1-NR (EMU)</td><td>₹ 26,96,60,894</td></tr><tr><td>2</td><td>Package-2-ER (EMU)</td><td>₹ 1,13,34,99,646</td></tr><tr><td>3</td><td>Package-3-WR (EMU)</td><td>₹ 1,16,41,03,559</td></tr><tr><td>4</td><td>Package-4-SR (EMU)</td><td>₹ 42,06,59,446</td></tr><tr><td>5</td><td>Package-5-NR (Premium)</td><td>₹ 47,27,34,411</td></tr><tr><td>6</td><td>Package-6-ER (Premium)</td><td>₹ 37,29,94,784</td></tr><tr><td>7</td><td>Package-7-WR (Premium)</td><td>₹ 22,82,09,937</td></tr><tr><td>8</td><td>Package-8-SR (Premium)</td><td>₹ 16,23,16,207</td></tr><tr><td colspan="2">Total of all Packages</td><td>₹ 4,22,41,78,883</td></tr></tbody></table>	SN	Package	Amount	1	Package-1-NR (EMU)	₹ 26,96,60,894	2	Package-2-ER (EMU)	₹ 1,13,34,99,646	3	Package-3-WR (EMU)	₹ 1,16,41,03,559	4	Package-4-SR (EMU)	₹ 42,06,59,446	5	Package-5-NR (Premium)	₹ 47,27,34,411	6	Package-6-ER (Premium)	₹ 37,29,94,784	7	Package-7-WR (Premium)	₹ 22,82,09,937	8	Package-8-SR (Premium)	₹ 16,23,16,207	Total of all Packages		₹ 4,22,41,78,883
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10	Page No. 170 & Page no. 173	Clause 4.A.14.1, Chapter-4-A, (Section-I), Point-4 (Part-4)	For Startup - Three similar works each costing not less than the amount equal as mentioned below <table><thead><tr><th>SN</th><th>Package</th><th>Amount</th></tr></thead><tbody><tr><td>1</td><td>Package-1-NR (EMU)</td><td>₹ 6,74,15,223</td></tr><tr><td>2</td><td>Package-2-ER (EMU)</td><td>₹ 28,33,74,912</td></tr><tr><td>3</td><td>Package-3-WR (EMU)</td><td>₹ 29,10,25,890</td></tr><tr><td>4</td><td>Package-4-SR (EMU)</td><td>₹ 10,51,64,861</td></tr><tr><td>5</td><td>Package-5-NR (Premium)</td><td>₹ 11,81,83,603</td></tr><tr><td>6</td><td>Package-6-ER (Premium)</td><td>₹ 9,32,48,696</td></tr><tr><td>7</td><td>Package-7-WR (Premium)</td><td>₹ 5,70,52,484</td></tr><tr><td>8</td><td>Package-8-SR (Premium)</td><td>₹ 4,05,79,052</td></tr></tbody></table>	SN	Package	Amount	1	Package-1-NR (EMU)	₹ 6,74,15,223	2	Package-2-ER (EMU)	₹ 28,33,74,912	3	Package-3-WR (EMU)	₹ 29,10,25,890	4	Package-4-SR (EMU)	₹ 10,51,64,861	5	Package-5-NR (Premium)	₹ 11,81,83,603	6	Package-6-ER (Premium)	₹ 9,32,48,696	7	Package-7-WR (Premium)	₹ 5,70,52,484	8	Package-8-SR (Premium)	₹ 4,05,79,052	For Startup - Three similar works each costing not less than the amount equal as mentioned below <table><thead><tr><th>SN</th><th>Package</th><th>Amount</th></tr></thead><tbody><tr><td>1</td><td>Package-1-NR (EMU)</td><td>₹ 6,74,15,223</td></tr><tr><td>2</td><td>Package-2-ER (EMU)</td><td>₹ 28,33,74,912</td></tr><tr><td>3</td><td>Package-3-WR (EMU)</td><td>₹ 29,10,25,890</td></tr><tr><td>4</td><td>Package-4-SR (EMU)</td><td>₹ 10,51,64,861</td></tr><tr><td>5</td><td>Package-5-NR (Premium)</td><td>₹ 11,81,83,603</td></tr><tr><td>6</td><td>Package-6-ER (Premium)</td><td>₹ 9,32,48,696</td></tr><tr><td>7</td><td>Package-7-WR (Premium)</td><td>₹ 5,70,52,484</td></tr><tr><td>8</td><td>Package-8-SR (Premium)</td><td>₹ 4,05,79,052</td></tr><tr><td colspan="2">Total of all Packages</td><td>₹ 1,05,60,44,721</td></tr></tbody></table>	SN	Package	Amount	1	Package-1-NR (EMU)	₹ 6,74,15,223	2	Package-2-ER (EMU)	₹ 28,33,74,912	3	Package-3-WR (EMU)	₹ 29,10,25,890	4	Package-4-SR (EMU)	₹ 10,51,64,861	5	Package-5-NR (Premium)	₹ 11,81,83,603	6	Package-6-ER (Premium)	₹ 9,32,48,696	7	Package-7-WR (Premium)	₹ 5,70,52,484	8	Package-8-SR (Premium)	₹ 4,05,79,052	Total of all Packages		₹ 1,05,60,44,721
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11	Page No. 170 & Page no. 173	Clause 4.A.14.1, Chapter-4-A, (Section-I), (Part-5) Point-4	Two similar works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 8,98,86,965 2 Package-2-ER (EMU) ₹ 37,78,33,215 3 Package-3-WR (EMU) ₹ 38,80,34,520 4 Package-4-SR (EMU) ₹ 14,02,19,815 5 Package-5-NR (Premium) ₹ 15,75,78,137 6 Package-6-ER (Premium) ₹ 12,43,31,595 7 Package-7-WR (Premium) ₹ 7,60,69,979 8 Package-8-SR (Premium) ₹ 5,41,05,402	Two similar works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 8,98,86,965 2 Package-2-ER (EMU) ₹ 37,78,33,215 3 Package-3-WR (EMU) ₹ 38,80,34,520 4 Package-4-SR (EMU) ₹ 14,02,19,815 5 Package-5-NR (Premium) ₹ 15,75,78,137 6 Package-6-ER (Premium) ₹ 12,43,31,595 7 Package-7-WR (Premium) ₹ 7,60,69,979 8 Package-8-SR (Premium) ₹ 5,41,05,402 Total of all Packages ₹ 1,40,80,59,628
12	Page No. 170 & Page no. 173	Clause 4.A.14.1, Chapter-4-A, (Section-I), (Part-6) Point-4	One similar works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 15,73,02,188 2 Package-2-ER (EMU) ₹ 66,12,08,127 3 Package-3-WR (EMU) ₹ 67,90,60,409 4 Package-4-SR (EMU) ₹ 24,53,84,677 5 Package-5-NR (Premium) ₹ 27,57,61,740 6 Package-6-ER (Premium) ₹ 21,75,80,291 7 Package-7-WR (Premium) ₹ 13,31,22,463 8 Package-8-SR (Premium) ₹ 9,46,84,454	One similar works each costing not less than the amount equal as mentioned below SN Package Amount 1 Package-1-NR (EMU) ₹ 15,73,02,188 2 Package-2-ER (EMU) ₹ 66,12,08,127 3 Package-3-WR (EMU) ₹ 67,90,60,409 4 Package-4-SR (EMU) ₹ 24,53,84,677 5 Package-5-NR (Premium) ₹ 27,57,61,740 6 Package-6-ER (Premium) ₹ 21,75,80,291 7 Package-7-WR (Premium) ₹ 13,31,22,463 8 Package-8-SR (Premium) ₹ 9,46,84,454 Total of all Packages ₹ 2,46,41,04,348
13	Page No. 173 & Page no. 174	Clause 4.A.14.2, Chapter-4-A, (Section-I), Point-2 (Part-1)	Point-2 – Eligibility Criteria Requirements for OEM's - Cameras SN Description Total Amount 1 Package-1-NR (EMU) ₹ 1,74,50,968 2 Package-2-ER (EMU) ₹ 7,33,53,855 3 Package-3-WR (EMU) ₹ 7,53,34,372 4 Package-4-SR (EMU) ₹ 2,72,22,763	Point-2 – Eligibility Criteria Requirements for OEM's - Cameras SN Description Total Amount 1 Package-1-NR (EMU) ₹ 1,74,50,968 2 Package-2-ER (EMU) ₹ 7,33,53,855 3 Package-3-WR (EMU) ₹ 7,53,34,372 4 Package-4-SR (EMU) ₹ 2,72,22,763 5 Package-5-NR (Premium) ₹ 3,76,67,186

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14	Page No. 173 & Page no. 174	Clause 4.A.14.2, Chapter-4-A, (Section-I), Point-2 (Part-2)	VMS Software SN Description Total Amount 1 Package-1-NR (EMU) ₹ 24,25,765	VMS Software SN Description Total Amount 1 Package-1-NR (EMU) ₹ 24,25,765																				

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			2 Package-2-ER (EMU) ₹ 1,01,96,524 3 Package-3-WR (EMU) ₹ 1,04,71,824 4 Package-4-SR (EMU) ₹ 37,84,089 5 Package-5-NR (Premium) ₹ 39,26,934 6 Package-6-ER (Premium) ₹ 32,04,919 7 Package-7-WR (Premium) ₹ 19,60,870 8 Package-8-SR (Premium) ₹ 13,94,685 Total ₹ 3,73,65,610 Server for VMS & FRS (Database & Matching Server) SN Description Total Amount 1 Package-1-NR (EMU) ₹ 4,12,578 2 Package-2-ER (EMU) ₹ 17,34,243 3 Package-3-WR (EMU) ₹ 17,81,067 4 Package-4-SR (EMU) ₹ 6,43,605 5 Package-5-NR (Premium) ₹ 6,67,900 6 Package-6-ER (Premium) ₹ 5,45,098 7 Package-7-WR (Premium) ₹ 3,33,508 8 Package-8-SR (Premium) ₹ 2,37,211 Total ₹ 63,55,211	2 Package-2-ER (EMU) ₹ 1,01,96,524 3 Package-3-WR (EMU) ₹ 1,04,71,824 4 Package-4-SR (EMU) ₹ 37,84,089 5 Package-5-NR (Premium) ₹ 39,26,934 6 Package-6-ER (Premium) ₹ 32,04,919 7 Package-7-WR (Premium) ₹ 19,60,870 8 Package-8-SR (Premium) ₹ 13,94,685 Server for VMS & FRS (Database & Matching Server) SN Description Total Amount 1 Package-1-NR (EMU) ₹ 4,12,578 2 Package-2-ER (EMU) ₹ 17,34,243 3 Package-3-WR (EMU) ₹ 17,81,067 4 Package-4-SR (EMU) ₹ 6,43,605 5 Package-5-NR (Premium) ₹ 6,67,900 6 Package-6-ER (Premium) ₹ 5,45,098 7 Package-7-WR (Premium) ₹ 3,33,508 8 Package-8-SR (Premium) ₹ 2,37,211
15	Page No. 173 & Page no. 174	Clause 4.A.14.2, Chapter-4-A, (Section-I), Point-2 (Part-3)	Command & Control Centre (H/W + S/W) SN Description Total Amount 1 Package-5-NR (Premium) ₹ 77,99,295 Total ₹ 77,99,295	Command & Control Centre (H/W + S/W) SN Description Total Amount 1 Package-5-NR (Premium) ₹ 77,99,295
16	Page no. 174	Clause 4.A.14.1.2, Chapter-4-A, (Section-I)	Bid value of Packages for Schedule-A & Schedule-B (all inclusive) – SN Package Bid Value (in INR) 1 Package-1-NR (EMU) ₹ 38,28,37,373 2 Package-2-ER (EMU) 1,60,92,28,613	Bid value of Packages for Schedule-A & Schedule-B (all inclusive) – SN Package Bid Value (in INR) 1 Package-1-NR (EMU) ₹ 38,28,37,373 2 Package-2-ER (EMU) 1,60,92,28,613

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause
			3 Package-3-WR (EMU) ₹ 1,65,26,76,966 4 Package-4-SR (EMU) ₹ 59,72,09,906 5 Package-5-NR (Premium) ₹ 67,10,95,105 6 Package-6-ER (Premium) ₹ 52,95,19,362 7 Package-7-WR (Premium) ₹ 32,39,76,595 8 Package-8-SR (Premium) ₹ 23,04,31,035 Total Bid Value for all Packages (all inclusive) ₹ 5,99,69,74,954	3 Package-3-WR (EMU) ₹ 1,65,26,76,966 4 Package-4-SR (EMU) ₹ 59,72,09,906 Total Bid Value for EMU/MEMU/DEMU Packages (1 to 4) (all inclusive) ₹ 4,24,19,52,857 1 Package-5-NR (Premium) ₹ 67,10,95,105 2 Package-6-ER (Premium) ₹ 52,95,19,362 3 Package-7-WR (Premium) ₹ 32,39,76,595 4 Package-8-SR (Premium) ₹ 23,04,31,035 Total Bid Value for Premium Coach Packages (5 to 8) (all inclusive) ₹ 1,75,50,22,097
17	Page no. 249	Clause 8.2.4	Newly Added Clause	Please read Annexure-B of this Corrigendum for details of Existing VMS, EMS & CCC.

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause
18	Page no. 119 & 120	Clause 4.A.14.1, Point-8	Supporting Documents Required - Capacity duly certified by CA as mentioned in Clause no. 4.A.14.1.2. In case if a bidder has participated as JV (each members) / Consortium (Lead member), the tenderer must furnish the required details as mentioned in Clause no. 4.A.14.1.2 Note (b).	Supporting Documents Required - Capacity duly certified by Statutory Auditor of the Bidder/Lead member of Consortium/each member of JV - (a) Form no. 15 of Chapter-6 as mentioned in Clause no. 4.A.14.1.2. (b) Bidder/Lead member of Consortium/each member of JV are also required to submit form no. 16 of Chapter-6 on their letterhead. In case if a bidder has participated as JV (each members) / Consortium (Lead member), the tenderer must furnish the required details as mentioned in Clause no. 4.A.14.1.2 Note (b).
19	Page no. 265	Chapter-9, Checklist	SECTION-I Chapter-9 CHECK LIST (To be filled up & uploaded) A. List of Documents to be Submitted with Technical Bid New Points Added	SN-27 - Form no. 15 – Calculation for Bidder's Available Bid Capacity (to be signed by Bidder's Statutory Auditor) SN-26 - Form no. 16 – Details of Completed and On-Going works executed by Bidder (To be signed by Bidder's Statutory Auditor / Lead Bidder's Statutory Auditor in case of Consortium / each JV member's Statutory Auditor)

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause
20	-	Form no. 15, Chapter-6	New Form Added	Form no. 15 – Calculation for Bidder's Available Bid Capacity (to be signed by Bidder's Statutory Auditor) of Chapter-6. Attached as Annexure-I
21	-	Form no. 16, Chapter-6	New Form Added	Form no. 16 - Details of Completed and On-Going works executed by Bidder (To be submitted by Bidder/Lead Bidder in case of Consortium/each member of JV) of Chapter-6. Attached as Annexure-II
22	Page no. 125 & 126	Clause 4.A.14.1.2.1, note-(a) (ii) & Clause 4.A.14.1.2.3, (ii)	The submitted details for (i) and (ii) above should be duly verified by Chartered Accountant. UDIN Number to be mandatorily mentioned.	The submitted details for (i) and (ii) above should be duly verified by Statutory Auditor of the Bidder (Lead Bidder in case of consortium and each member in case of JV). UDIN Number to be mandatorily mentioned.
23	Page no. 200-201	Point no. G, Form no. 7 of Chapter-6	Point no. G - Following are our package wise preferences for considering our offered solution under this Tender based on eligibility conditions defined in Clause 4.A.14.2 : Package Preference for Packages (EMU) Package-1-NR Package-2-ER(EMU) Package-3-WR(EMU) Package-4-SR(EMU) Package-5-NR (Premium) Package-6 - ER(Premium) Package-7-WR(Premium) Package-8- SR(Premium) In case I/We failed to submit above package wise preferences, than RailTel should consider	Point-G may be read as "Hardware/Software offered by us under this tender are fully compliant with RDSO specification as prescribed in this Tender document and in case any information provided by us in this form is found false at any time during tendering process or after award of contract then suitable action including banning of business for five years on entire RailTel may be initiated against us."

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause
			default package wise preference for our offered solution as defined in Para 4.A.14.2.2.	
24	Page no. 126 & 127	Clause 4.A.14.2, Point-2	OEM should have supplied the hardware/software offered or hardware/software of the same series/family of minimum value{as mentioned in BDS (Chapter-5, Section-I)} during last preceding 3 financial years(i.e., current year and three previous financial years) as on opening date of bid to Government/PSUs/Telecom Service Providers/Public Listed Company in India or Abroad.	OEM should have supplied the hardware/software offered or hardware/software of the same series/family of minimum value{as mentioned in BDS (Chapter-5, Section-I)} during last preceding 3 financial years(i.e., current year and three previous financial years) as on opening date of bid to Government/PSUs/Telecom Service Providers/Public Listed Company in India or Abroad. Note - OEMs of VRU/M-NVR are allowed to meet the above mentioned eligibility criteria by submitting proof of supply of 35% quantity (rounded off to the next higher integer) of the SOR item no. 1(b) of the quoted package.
25	Page no. 115	Clause 4.A.14.1, Point-3, Financial Capability	Supporting Documents Required - Bidder should provide CA certificate for annual contractual turnover (in the last three financial years plus current financial year upto the date of opening of tender) duly supported by Audited Balance Sheets (for current year, the Statutory Auditor's certificate for turn-over of current year up to the date of bid opening for which Balance Sheet may not be available). Contact details of CA/Statutory Auditor along with UDIN No. shall be mandatorily	Supporting Documents Required - Bidder should provide CA certificate for annual contractual turnover (in the last three financial years plus current financial year upto the date of inviting of tender) duly supported by Audited Balance Sheets (for current year, the Statutory Auditor's certificate for turn-over of current year up to the date of inviting of Tender for which Balance Sheet may not be available). Contact details of CA/Statutory Auditor along with UDIN No. shall be mandatorily mentioned on copy of certified Balance sheet/Certificate.

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause													
			mentioned on copy of certified Balance sheet/Certificate.														
26	Page no. 175	Clause 4.A.36, Chapter-4-A, (Section-I), Chapter-5 BDS	Last Date of Submission of Offer (Online) Date: 27-01-2023 Time: 15:00 hours Date of Opening of Tender (Online) Date: 27-01-2023 Time: 15:30 hours	Last Date of Submission of Offer (Online) Date: 10-02-2023 Time: 15:00 hours Date of Opening of Tender (Online) Date: 10-02-2023 Time: 15:30 hours													
27	Page no. 126	Clause 4.A.14.2	4.A.14.2 Eligibility Criteria Requirements for OEM’s: OEMs of Camera, VRU/M-NVR (including FRS software), VMS Software, Server for VMS & FRS (Database & Matching Server) and Command & Control Centre (Hardware + Software) whose products are proposed to be used in this CCTV surveillance system deployment should meet following criteria–	4.A.14.2 Eligibility Criteria Requirements for OEM’s: OEMs of Camera, VRU/M-NVR, FRS software, VMS Software, Server for VMS & FRS (Database & Matching Server) and Command & Control Centre (Hardware + Software) whose products are proposed to be used in this CCTV surveillance system deployment should meet following criteria–													
28	-	BDS, Chapter-5, Clause 4.A.14.2, Point-2	New Eligibility clause for FRS Software	<table><tr><th colspan="2">FRS Software</th></tr><tr><th>Description</th><th>Total Amount</th></tr><tr><td>Package-1-NR (EMU)</td><td>₹ 3,75,57,116</td></tr><tr><td>Package-2-ER (EMU)</td><td>₹ 15,78,68,564</td></tr><tr><td>Package-3-WR (EMU)</td><td>₹ 16,21,30,935</td></tr><tr><td>Package-4-SR (EMU)</td><td>₹ 5,85,87,493</td></tr></table>		FRS Software		Description	Total Amount	Package-1-NR (EMU)	₹ 3,75,57,116	Package-2-ER (EMU)	₹ 15,78,68,564	Package-3-WR (EMU)	₹ 16,21,30,935	Package-4-SR (EMU)	₹ 5,85,87,493
FRS Software																	
Description	Total Amount																
Package-1-NR (EMU)	₹ 3,75,57,116																
Package-2-ER (EMU)	₹ 15,78,68,564																
Package-3-WR (EMU)	₹ 16,21,30,935																
Package-4-SR (EMU)	₹ 5,85,87,493																

SN	Page No. of Tender	Clause No. of Tender	Original Tender Clause	Revised Tender Clause		
				Package-5-NR (Premium)	₹ 6,07,99,101	
				Package-6-ER (Premium)	₹ 4,96,20,430	
				Package-7-WR (Premium)	₹ 3,03,59,339	
				Package-8-SR (Premium)	₹ 2,15,93,331	

Annexure-A to Corrigendum-1

3.D.12 Standard Operating Procedure (SOP) for CCTV system in Train Coaches

Standard Operating Procedure (SOP) for maintaining & other modalities like retrieval of data, managing the whole system, to secure the recorded data, share the data with security agencies and other relevant issues with CCTV system in Train Coaches. Details of CCTV system installed in coaches are as under:

3.D.12.1 General

- a) CCTV in each Coach shall be installed as per the type of Coach and approved layout drawing.
- b) The Cameras and Video Recorder Unit/ Mobile NVR of running trains shall be accessible on real time basis through available Wi-Fi and LTE(4G)/3G network as and when required from Data Centre/ Centralized locations/ Clients for viewing and Monitoring and Alarms.
- c) It shall be possible to transmit the Alarms generated by Video Recorder Unit/ Mobile NVR of running trains and prompt sent to Data Centre/Centralized locations on real time basis through the available Wi-Fi and LTE(4G)/3G network.
- d) There shall be provision of two Panic Button/Buttons in each Coach. Pressing Panic Button shall provide alarm to the Data Centre/Centralized location through available network for CCTV application.
- e) Representatives of Bidder & its OEMs shall not access any recording either in Coach or at DC/DR without proper authorization by RPF.

3.D.12.2 Tentative Scheme of Video Surveillance System in Train Coaches

Each coach will have switch to connect cameras and Wi-Fi access point for backhaul connectivity and video recording system. Switch and Wi-Fi access point could be external or inbuilt inside Mobile NVR. All these equipment's will be placed inside a concealed, powder coated metal enclosure with suitable ingress Protection for dust and water by providing gasket & sealing of cable entry/exit along with lock and key. However, details given in the RDSO's specifications may be followed.

3.D.12.3 Retrieving the recorded information and using the video/images

- a) The Video and Alarm data of Cameras shall be stored in the Video Recorder Unit/ Mobile NVR for at least 30 days. Only incidental data shall be offloaded to centralized location/Data centre in case of requirement.
- b) Recorded video to be stored with date & time stamping in a way that maintains the integrity of the image. This is to ensure that the rights of individuals recorded by the

CCTV system are protected and that the video can be used as evidence in court as per rule.

- c) Central Management System (CMS) installed at centralized location(s) shall have a dashboard to display status of all requests pertaining to video footage by various RPF Thana/Post. CMS shall also provide a dashboard to respective RPF Thana/Post displaying status (in-progress/completed) of the requests created by that RPF Thana/Post.
- d) On reception of incident from RPF Thana/Post, Central server shall create an entry & will be responsible for fetching the recordings related with the incident from the respective Train Coach-Video Recorder Unit/ Mobile NVR once it becomes live in the network. Subsequently, system will send an alert and it will change the state from in-process to close state and an acknowledgement to be shared to the RPF Thana/Post.
- e) Once the RPF Thana/Post sees completed status in the dashboard against a particular request, they will be able to view the required video footage. Client at RPF Thana/Post will also have the facility to flag/mark indicating the duration (time period) for which the video footage need to be retained along with justification/remarks for the same. System shall also display the list of video footage with details e.g. date, duration, video recording unit, train no., video file size) being stored for long term retention as desired by RPF officials.
- f) RPF control room needs to keep a record of how the video are handled as they are likely to be used as evidence in court.
- g) RPF control room area is appropriate and secure and access is limited to only authorized people. A separate central command and control centre (CCC) in Delhi for all audio-visual feed for use of law enforcement will be provided by Railway including its infrastructure, video wall containing dash board, live feeds and alerts, furniture, work stations, biometric based enclosure for server, internal CCTV inside the command centre. Bidder is required to integrate its CCTV Infra with CCC of Railways.
- h) The yardstick for providing monitors should not be preferably more than 12 camera visuals in a 55 inch monitor and the total requirement should be assessed as per the yardstick for proper viewing of the images. However, due to space constraint, lesser number of monitors may be used by Railways. In this regard, clause no 18.1.24.2 of RDSO specification RDSO/SPN/TC/65/2021/Ver 6.0 specify paging of cameras visuals to overcome such a case. 55 inch monitor required for this purpose will be provided by Railway/RailTel.
- i) Sharing of information pertaining to video from the CCTV system must also be controlled and consistent with the purpose for which the system was established. For example, if the system is established to help prevent and detect crime it will be appropriate to disclose video to law enforcement agencies where a crime needs to be investigated, but it would not be appropriate to disclose video of identifiable individuals to the media for entertainment purposes and may be placed on the social media by RPF as per extant laws for reasons like awareness of passengers among others. Video/images can be released to the media for identification purposes, but this should not be done by anyone below the rank of Divisional Security Commissioner (DSC) of Indian Railways.
- j) Disclosure of video/images must be in a way consistent with the purpose for establishing the system. If image or video clipping are shared with some individual or

organization, proper record of it should be maintained and it should be in conformity with extant laws and provisions during the said period.

- k) It is important to record the date of the disclosure along with details of who the images have been provided to (the name of the person and the organization they represent) and why they are required and it should be in conformity with extant laws and provisions during the said period.
- l) An internal procedure to be kept in place for handling access requests. This could include keeping a log of the requests received and how they were dealt with. A clearly documented process will also help guide individuals through such requests.
- m) The method of disclosing images should be secure to ensure they are only seen by the intended recipient. An undertaking may be taken from the recipient that he will not pass on this information to others.
- n) Retention of recorded footage for 30 days applies to all recordings. Images should not be kept for longer than strictly necessary to meet purposes for recording. In certain cases, it may be needed to retain images for a longer period, where a law enforcement body is investigating a crime. Copy of such images/video clipping may be preserved in library (in storage provided at DC & DR).
- o) There should be mandatory provision of permanent deletion of images through secure methods at the end of retention period.

3.D.13 Maintenance mechanism for CCTV in Coaches

- a) Train system runs 24x7, accordingly train comes for maintenance in coaching depots or car sheds 24x7. After arrival at depots or in workshop, usually train stays 6 to 10 hrs for routine maintenance etc. Distribution of site engineer(s) in the field at depots or in workshop will accordingly be decided as per the site condition and load.
- b) Maintenance of CCTV in Train Coaches will be based on the site requirements and load. Efforts will be made with predictive maintenance based on Central Management System (CMS). Site engineer in Field and support staff in each Central Management System (CMS) location(s) shall be deployed as per the requirement and load.
- c) The site engineer may also visit to a station where a coach has been stationed for diagnostic/troubleshooting of CCTV system if the situation so warrants.
- d) CCTV system in Train coaches will be installed and commissioned in the supervision of respective Coaching Depot in-charge. After commissioning of the system by S&T department, during warranty & AMC period, outsourcing agency's representatives would be deployed under the supervision of respective Coaching Depot in-charge so that functionality of CCTV system may be ensured.
- e) No CCTV system should be commissioned till the user department (RPF) gives a user satisfaction certificate.

RailTel - E-Tender No. RailTel/Tender/OT/CO/NTP/2022-23/VSS/005, dated 29-12-2022

Annexure-B to Corrigendum-1

Clause 8.2.4 – Details of Existing EMS, CCC and VMS is given below –

SN	Description	Make	Model	Make	Model	Make	Model	Make	Model
		NR		ER		WR		SR	
1	EMS	Everest	Everest-EMS	Everest	Everest-EMS	Motadata	Motadata 7.X	Everest	Everest-EMS
2	VMS	IDIS	iNEX-IDIS Solution Suite	IDIS	iNEX-IDIS Solution Suite	HFCL	M3S+	IDIS	iNEX-IDIS Solution Suite
3	CCC	Intellve	Intellve Theia Application	-	-	-	-	-	-

Annexure-I to Corrigendum-1

Form no. 15 (Chapter-6 of Tender document) – Calculation for Bidder’s Available Bid Capacity

(to be signed by Bidder’s Statutory Auditor)

To

**RailTel Corporation of India Limited,
CO Office, East Kidwai Nagar,
New Delhi-110023.**

Tender No. RailTel/Tender/OT/CO/NTP/2022-23/VSS/005

Sub: Calculation of **Bidder’s Available Bid Capacity** as per formulae given in Tender Clause no. 4.A.14.1 (Point-8)

1. I/We _____ the statutory auditor of M/s. _____ (name of the bidder) hereby certify that M/s _____ (name of bidder) are having Bid Capacity of Rs _____ for Package-1 to 4 (EMU) & of Rs _____ for Package-5 to 8 (Premium) and detailed calculation for their bid capacity as per Tender clause no. 4.A.14.1.2 has been given below.
2. **Calculation of A:** Following is the details of payment received by the bidder for completed works as well as works in progress during last three years and current financial year (upto date of inviting of Tender):

SN	Financial Year	Payment Receipt (in Rs)
1	2019-20 (Year-1)	
2	2020-21 (Year-2)	
3	2021-22 (Year-3)	
4	2022-23 Current Year - upto date of inviting of Tender)	

Note – Bidders are allowed to include contractual payment received under Works, Goods and Services, AMC etc. under payment receipt.

- 2.1 Maximum value of payment receipt (A) during the FY-_____ out of last three FY including current FY is Rs _____.
- 2.2 Bifurcation of value of “A” between Packages for EMU/MEMU/DEMU & Premium Coaches (in case bidder has quoted for packages of both EMU/MEMU/DEMU & Premium Coaches):

SN	Part of “A” considered for EMU/MEMU/DEMU Packages (A1) (in Rs)	Remaining Part of “A” considered for Premium Packages (A2= A - A1) (in Rs)
1		

Note – In case, bidder is quoting either for Packages of EMU/MEMU/DEMU Coaches or for Packages of Premium Packages then bifurcation of A is not required and complete value of “A” shall be considered for the calculation of Bidder’s bid capacity.

3. **Calculation of B:** Following is the value of existing commitments and balance amount of ongoing works with the bidder as on date one month prior to the tender closing date:

SN	Completion Portion of Existing Commitments and Ongoing works from date of closing of Tender		Value of existing commitment and balance amount of ongoing works with the Bidder (in Rs)
1	1 to 6 Months	B1	
2	7 to 12 Months	B2	

- 3.1 Bifurcation of value of “B1” between Packages for EMU/MEMU/DEMU & Premium Coaches (in case bidder has quoted for packages of both EMU/MEMU/DEMU & Premium Coaches):

SN	Part of “B1” considered for EMU/MEMU/DEMU Packages (B3) (in Rs)	Remaining Part of “B1” considered for Premium Packages (B4= B1-B3) (in Rs)
1		

Note – In case, bidder is quoting either for Packages of EMU/MEMU/DEMU Coaches or for Packages of Premium Packages then bifurcation of B1 is not required and complete value of “B1” shall be considered for the calculation of Bidder’s bid capacity.

4. **Calculation of Bidder’s Bid Capacity for Bidders quoting for both Package-1 to 4 (EMU/MEMU/DEMU Coaches) and Package-5 to 8 (Premium Coaches):**

SN	Packages	Bidder’s Bid Capacity (in Rs)
1	Package-1 to 4 (EMU/MEMU/DEMU)	$=(A1*0.5*2) - (0.33*0.5*B3)$
2	Package-5 to 8 (Premium)	$=(A2*1*2) - \{0.33*1*(B2 + B4)\}$

OR

Calculation of Bidder’s Bid Capacity for Bidders quoting only for Package-1 to 4 (EMU/MEMU/DEMU Coaches):

SN	Packages	Bidder's Bid Capacity (in Rs)
1	Package-1 to 4 (EMU/MEMU/DEMU)	$= (A * 0.5 * 2) - 0.33 * 0.5 * B1$

OR

Calculation of Bidder's Bid Capacity for Bidders quoting only for Package-5 to 8 (Premium Coaches):

SN	Packages	Bidder's Bid Capacity (in Rs)
1	Package-5 to 8 (Premium)	$= (A * 1 * 2) - \{0.33 * 1 * (B1 + B2)\}$

Note:- Please strike-off whichever is not applicable.

Name of the Statutory Auditor's

Signature:-

Seal of the Statutory Auditor's:

Name of signatory (in capital) :-

Membership No.:-

Firm Regn. No:-

UDIN :-

Name of the Statutory Auditor's

Signature:-

Seal of the Statutory Auditor's:

Name of signatory (in capital) :-

Membership No.:-

Firm Regn. No:-

UDIN :-