

## Corrigendum/Addendum-2

**Tender No: RailTel/Tender/OT/SR/DC/2015-16/124**

S.No	Page No.	Clause	Existing Description	Amended Description
1	139	Section-II, Chapter-II, Clause-50	New clause under existing clause 50	If the work is in progress and it is with in 120 days of completion period, then 21 days notice period followed by 7 days and 48 hours notice is issued before termination. If in extension period of work completion, 7 days of notice period followed by 48 hours notice will be issued before termination.
2	50	Section-I, Chapter-III, Clause-6.3	Each of the Precision AC system should be dual powered from two different distribution	Each of the Precision AC system should be dual powered from two different distribution. <b>Manual change over is acceptable.</b>
3	22	Section-I, Chapter-II, Clause-4	Bus duct between DG & existing SYNC panel as per specification	<b>Bus duct between DG Sets of Phase-II and Sync Panel shall be Aluminium with copper flexible</b>
4	133	Section-II, Chapter-II, Clause-39.1	New clause under existing clause 39.1	The project is turnkey based. All deliverables which are essential for completion of the project shall be provided by the bidder. Billing will be done as per the schedule of requirement. However, for the lower side items and services, Bills will be paid as per the On-site measurement/actual quantities used. However, if the bidder omits an item/service or miscalculate or shortfall in design of any line item or service. RailTel will not pay over and above the quoted price i.e., RailTel will pay for a particular item as per the actual measurement or price quoted whichever is less
5	137	Section-II, Chapter-II, Clause-46. (a)	Interest: The mobilisation advance shall carry an interest at the rate of 14% (fourteen percent) per annum for the period commencing from date of payment of mobilisation advance.	<b>Mobilization Section-II, Chapter -II, Clause-46 (a) stands deleted. No Mobilization amount will be given.</b>

S.No	Page No.	Clause	Existing Description	Amended Description
6		Section -I, Chapter-I, Clause-2.1.3	New clause under existing clause-2.1.3	2.1.3 Operation and Maintenance of the Data center for a period of one year from the date of completion of the project and acceptance by RailTel. <b>The rates quoted shall include the cost of operation maintenance support during the warranty period (12 months) as specified in the special conditions of the contract. Such Warranty support inclusive of O&amp;M support is for a period of ONE year from the date of the issue of PAC. Subsequently, Long Maintenance Support as per CL. 29.9 of Section-II, Chapter-II of Tender Document will be applicable.</b>
7	20	Section-II, Chapter- I, Clause-50	Energy Efficiency: The Data center shall be designed with an energy efficient design. The target average annualized Category 1 PUE shall be better than 1.5.	Energy Efficiency: The Data center shall be designed with an energy efficient design. The target average annualized Category 1 PUE shall be better than 1.5. <b>Category 1 PUE of 1.5 should be achieved for Phase II since the scope of work is Phase II.</b>
8	89	Section-I, Chapter-III, Clause-11	Cabinet should be 42U 600W X 1200D for server rack	Rack dimensions height x width x depth; <b>Server Rack : 42U x 600mm x 1000mm, Network Rack: 42U x 800mm x 1000mm</b>
9	97	Section-I, Chapter- III, Clause-15, Sr.No-6	UPS- Schneider/Emerson/Socomec	In addition to Schneider/Emerson/Socomec, Eaton is included considering the specifications of RailTel Gurgaon Data Centre.
10	97	Section-I, Chapter- III, Clause-15, Sr.No-16	Packaged PDU - APC/Emerson	In addition to APC& Emerson, <b>MGE is included</b> considering the specifications of RailTel Gurgaon Data Centre.
11	97	Section- I, Chapter-III, Clause-15, Sr.No-10	Precision AC - StulZ / Uniflair / Emerson	In addition to StulZ / Uniflair / Emerson, <b>GEA DENCO is included</b> considering the specifications of RailTel Gurgaon Data Centre.
12	9	Section-I, Chapter-I, Clause-5.2.2	<b>5.2 Technical</b> 5.2.2 The OEM shall also certify that the products offered are not end of life or end of service and they would provide support for these products for a period of at least 10 years.	<b>5.2 Technical</b> 5.2.2 The OEM shall also certify that the products offered are not end of life or end of service and they would provide support for these products for a period of <b>at least 07 years.</b>

S.No	Page No.	Clause	Existing Description	Amended Description
13	10	Section-I, Chapter-I, Clause-5.4.5	The purchaser or his representative may undertake type tests to determine the compliance to the specification and accord type approval before the equipment are manufactured, inspected and supplied.	The purchaser or his representative may undertake type tests to determine the compliance to the specification and accord type approval before the equipment are manufactured, inspected and supplied. <b>DG, PAC FAT to be done. Test procedure given by OEM to be approved by RailTel before FAT. Racks and other supplied in bulk will be tested at factory on sampling basis, after type approval tests.</b>
14	86	Section-I, Chapter-III, Clause-10.2	<b>10.2 IP based CCTV Surveillance System</b> The IP based Closed Camera surveillance system is installed and use state of the art technology. Additional CCTV surveillance system shall have to comply with the UL standards.	<b>10.2 IP based CCTV Surveillance System</b> The IP based Closed Camera surveillance system is installed and use state of the art technology. Additional CCTV surveillance system shall have to comply with the UL standards. <b>3 dome cameras in containment. HT yard 2 or 3 cameras. To ensure full coverage of the new facility, cameras should be combination of PTZ and verifical.</b>

**Date of closure of sale of tender documents, submission & opening date of tender as detailed below**

Sl. No	Description	Existing in Tender Document ( as per corrigendum-1)	Modified as
1	Last date and Time of Selling/ Downloading of Tender Document	13.06.2016/ 12.30 Hrs	<b>17.06.2016/ 12.30 Hrs</b>
2	Last date and Time of Submission of Tender Document	13.06.2016/ 15.00 Hrs	<b>17.06.2016/ 15.00 Hrs</b>
3	Date and Time of Opening of Tender	13.06.2016/ 15.30 Hrs	<b>17.06.2016/ 15.30 Hrs</b>

<b>RailTel Data Centre Phase-I : Equipments Technical Specifications</b>				
<b>S.No</b>	<b>Description</b>	<b>Make</b>	<b>Model</b>	<b>Capacity</b>
<b>1</b>	<b>UPS</b>	Emerson	80 NET XL with Modbus	400KVA
<b>2</b>	<b>PPC/PDU</b>	Emerson	PPC PM4	225KVA
<b>3</b>	<b>PAC</b>	Emerson	PEX 380 EC DS with ICOM	22.5 TR
<b>4</b>	<b>DG Sets</b>			
(i)	Engine	Perkins	4012-46TAG0	1250KVA
(ii)	Alternator	Leroy Somer	LSA50.2M6	
(iii)	Radiator Fan Assembly	Young Industries	-	
<b>5</b>	<b>DG Set Sync Panels</b>			
(i)	Incoming Breaker-ACB	Schneider	Masterpact-MVS08-32	2000A, 3P, EDO, 50KA For 1 Sec, ET6G
(ii)	Incoming Breaker-CT	Kalpa	-	CT Ratio: 2000/5A
(iii)	Outgoing Breaker-ACB	Schneider	Masterpact-MVS08-32	4000A, 4P, EDO, 50KA For 1 Sec
(iv)	Outgoing Breaker-CT	Kalpa	-	CT Ratio: 3600/5A
(v)	Controller	SEG Woodward	EASYGEN-2500	24V DC
<b>6</b>	<b>BMS Details</b>			
(i)	Software Name	Desigo (TM) Insight	-	-
(ii)	Version	Shell V5.0	-	-
(iii)	Base level	BL0027	-	-
(iv)	Make	Siemens	-	-
(v)	<b>DDC Software</b>			
(vi)	Model	PXC00-U	For PAC's and DG Sets Readings	-
(vii)	Model	PXC00-U	For PDU's and Energy Meter Readings	-
(viii)	<b>DDC Hardware</b>	PXC100-E.D		
<b>7</b>	<b>CCTV System</b>			
(i)	Software Name	Fusion Software	-	-
(ii)	Cameras	AXIS	AXIS Q6032-EPTZ	PTZ-Network Camera
			AXIS M11	Verifocal -Network Camera
			AXIS M32	Dome- Network Camera
<b>8</b>	<b>NVR Details</b>			
(i)	Model	Ready NAS 314	-	-
(ii)	Version	6.4.0	-	-
(iii)	Capacity	6TB	-	-