

CORREGENDUM-1

Amendment to PTS FPIIC/TD/060 for "Interior Lighting system" as follows:

PTS: FPIIC/TD/060 Clause No.	FOR	SHALL BE READ AS
7.1.1.1.Note.a.	Mounting hardwares, fasteners and brackets.	Deleted
7.1.1.1.Note.d.	Light module shall include a LED light source, wide angle Reflector, minimum IP54 body, diffuser and integration bracket and hardwares.	Light module shall include a LED light source, wide angle Reflector, minimum IP54 body, diffuser.
7.1.1.1.Note.u.	The spares include the lighting systems and its necessary hardware, mating connectors and fasteners used in lighting system	The spares include the lighting systems and its necessary hardware, mating connectors used in lighting system.
7.1.2.h.	Supplier has to provide all necessary mounting hardware for installation of light aggregates in train	Supplier has to provide all necessary information about mounting and unmounting methodology including the required hardwares/fasteners and brackets, for all types of light aggregates in the train in case of mounting hardwares/fasteners and brackets are not in the scope of supply of the supplier.
8.1.1.	Light module shall at minimum include a LED light source, wide angle Reflector, minimum IP54 body, diffuser, drivers, controller, electrical accessories and integration bracket and hardwares.	Light module shall at minimum include a LED light source, wide angle Reflector, minimum IP54 body, diffuser, drivers, controller, electrical accessories.
9.2.2.a.	Supplier shall propose the possible interface that can be taken up with TCMS during the bid proposal. The following are the desirable interface requirements:	Supplier shall propose Ethernet based interface that can be integrated with TCMS during the bid proposal. The following are the desirable interface requirements:

9.2.2.a.i.	The Supplier shall be responsible for interface with TCMS and shall meet the requirements but not be limited to ICF/MD/SPEC-447 Chapter 5 with regard to TCMS interface.	The Supplier shall be responsible for interface with TCMS and shall meet the requirements but not be limited to ICF/MD/SPEC-447 Chapter 5 with regard to TCMS interface, details will be discussed and finalized during design stage.
9.2.2.a.ii.	Lighting system will interface with TCMS with only hardwired digital Input (DI)/Digital Output (DO) control, details will be discussed and finalized during design stage	Deleted
9.2.2.a.iii.	Lighting system shall have sufficient potential free relay contacts in auto dimmer to provide health status of control/dimmer to TCMS in each car.	Lighting system shall be able to provide the health status of controller/dimmer to TCMS in each car.
9.2.2.a.vi.	From TCMS 4 Digital output will be given to Saloon light control unit as mentioned below, <ul style="list-style-type: none"> • Interior Light ON command Line 1, • Interior Light ON command Line 2, • Interior Light Control OFF command and • Interior Light control Mode Command 	Deleted
9.2.2.a.vii.	--	For the fallback scenario, the default mode setting of lighting system shall prevail, details will be discussed and finalized during design stage.
9.2.2.b.	The no. of hardwired DI/DO interface with Lighting system will be discussed and finalized during stage.	Deleted
9.2.2.c.	--	The interior lighting system and its Ethernet connected equipment shall comply with IEC 62443-4-2,

		achieving at minimum security Level 1 (SL-1). The supplier shall provide documented evidence of compliance (e.g., assessment reports or certification), details will be discussed and finalized during design stage.
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