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Corrigendum to TS No. CET/23/RN/4060/TS/UT/01/R=0 (INSTALLATION OF SIDE STREAM FILTRATION SYSTEM IN COOLING WATER CIRCUIT OF RCPH) issued in JULY 2015 :-

S. No	TS Clause No.	Existing wording	To be read as
1.	2.3.1/ bullet 3	Area illumination through pole mounted 250 W HPSV lamps.	Area illumination through street light fittings with hot dip galvanized octagonal type pole with 210 W LED lamps.
2.	3.2.1-5	Supply water Pressure – 1.5 kg/cm ² (Approx.)	Supply water Pressure - 3.0 ± 0.5 kg/cm ² (g) (Approx.)
3.	3.3.5.1	<u>Street light fittings</u> These fittings shall be integral type and shall be suitable for 250W HPSV lamps. The fittings shall have cast aluminium housing, aluminium reflector, clear glass/ acrylic cover, control gears, capacitors, ballast etc. Street light fittings shall be erected on the street light poles. Necessary brackets etc. as required shall be supplied by the Bidder. No. of light fittings that shall be selected to meet illumination level must be 20 Lux.	<u>Street light fittings</u> These fittings shall be integral type and shall be suitable for LED lamps. It shall be provided with Epoxy powder coated pressure die-cast aluminium housing with weatherproof gasket for LEDs and control gear compartments. Frame shall be pressure die-cast aluminium with heat resistant toughened clear glass fixed with SS screws. All the LED used shall be provided with Lenses to get optimum optical performance. Input voltage (V) AC:140-280 Wattage(W) : 210 Lumens: 19500 LED specification: LED Efficacy >120 lm/w, colour temp:0 0 5700 K ± 300 K. The driver used shall be specially designed to have protection against surge voltage, high voltage cut-off, short circuit.

			<p>THD <10% and Power Factor >0.95. Surge protection : 5kV Side entry mounting for 50-60 mm OD pipe bracket. Ingress protection : IP66</p> <p>No. of light fittings that shall be selected to meet illumination level of 20 Lux.</p>
4.	3.3.5.2	<p><u>Lighting poles</u></p> <p>Lighting poles shall be 9 m-11 m high, swaged and welded steel poles (IS type designation 410 SP-54) as per IS-2713 1980 complete with fixing brackets, weatherproof junction box and all other accessories.</p> <p>The pole shall be coated with bituminous preservative paint on inside as well as embedded outside surface. Exposed surface shall be coated with two (2) coats of metal primer (comprising of red oxide and zinc chromate in synthetic medium).</p> <p>Each street light pole shall be provided with two nos ground pads with two nos tapped holes, M10 GS bolts and spring washers for connection to 50 x 6 mm GS earthing flats.</p>	<p><u>Lighting Poles</u></p> <p>Lighting Pole shall be hot dip galvanized octagonal type with brackets, weatherproof junction box & other accessories. Height shall be 11m.</p> <p>Each street light pole shall be provided with two nos ground pads with two nos tapped holes, bolts and spring washers for connection to 50 x 6 mm GS earthing flats.</p>

5.	3.3.6	<p>Point Wiring for 2 nos. 250 W HPSV street light:</p> <p>Point wiring shall start from SLDB upto the light fittings through junction box at the bottom of the light pole with 2 nos. single core 1.5 sq.mm. copper conductor 650 /1100 V grade PVC insulated cable run in 25 mm dia GI conduit along with 14 SWG GI wire as ECC from SLDB upto the fittings. Looping shall be done from one fitting to the other and wiring of two nos. of fittings shall be considered as one point wiring.</p>	<p>Point wiring for street light fittings with LED lamps</p> <p>Point wiring shall start from SLDB upto the light fittings through junction box at the bottom of the light pole with 2 nos. single core 1.5 sq.mm. copper conductor 1100 V grade PVC insulated cable run in 25 mm dia GI conduit along with 14 SWG GI wire as ECC from SLDB upto the fittings. Looping shall be done from one fitting to the other and wiring of two nos. of fittings shall be considered as one point wiring.</p>
6.	Annexure – No - 2.1.13-1	List of Acceptable Makes of Equipment & Supplies (September 2014)	<p>List of Acceptable Makes of Equipment & Supplies (February 2016)</p> <p>(Attached herewith)</p>