

Corrigendum -2

Name of work: Supply, Installation, Testing & Commissioning of UVGI system for the HVAC System at Passenger Terminal Building of Kannur International Airport.

Please note the following amendments with reference to the NIQ issued vide No. KIAL/PE/HVAC/UVGI/2020 /135 dated 13/7/2020.

Sl No	NIQ Reference	As per NIQ	Amended as.
1.	General Terms & Conditions of the work clause 9.	No storage facilities will be given by Kannur Airport.	Storage facility can be provided, if required, by Kannur Airport subject to payment of space rent @ Rs. 770 per sqm per month(non AC area)
2.	Annexure-1, Technical Requirement clause 2.iii	The system shall be able to control from outside of AHU/CSU.	The system shall be able to control from outside of AHU/CSU. Manual ON/OFF control with MCB/switch shall be provided
3.	Annexure-1, Technical Requirement clause 2.iv	Test Certificate from NABL Accredited laboratory for the UVGI system shall be submitted along with the offer	Reference test reports of similar installations done in the past from NABL accredited laboratory for the UVGI system shall be submitted along with the offer
4.	Annexure-1, Technical Requirement clause 2.vii	Power supply will be made available at one point by Kannur Airport. The agency has to tap power for the system from this source at their cost	Power supply will be made available at one point by Kannur Airport. The agency has to tap power for the system from this source at their cost. The offer shall be submitted considering the cable length as 15 metre for each AHU/CSU. Payment will be made extra for additional cables laid beyond 15 metre length based on the market rate.

Sl No	NIQ Reference	As per NIQ	Amended as.
5.	Annexure-1, Technical Requirement clause 2.viii	The system shall be designed for providing adequate germicidal dosage for air stream or surface disinfection with 10000 μ W.S/ sqcm as dosage to kill the bacteria and for viruses range from 2000 to 8000 μ W.S/ sqcm	The design of the UVGI system shall comply with the guidelines issued by ASHRAE/ISHRAE. The design intensity for surface may be taken as 4016 μ W/ sqcm and for air the intensity may be taken as 1000 to 10,000 μ W.S/ sqcm subject to demonstration of satisfactory test results. The UVGI system shall be installed at return air plenum, AHU cooling coil and supply air duct for all AHU's whereas for all CSU's, the UVGI system may be installed at supply air side of intensity as mentioned above (for supply air).
6.	Annexure-1, Testing and Commissioning clause 5.i	Air quality shall be tested and demonstrated before and after the operation of the UVGI system in each AHU/ CSU and certificate shall be furnished as per standards for all locations. The procedure shall be repeated once in 6 months	Air quality shall be tested and demonstrated before and after the operation of the UVGI system for major locations as indicated by the Engineer in charge by doing swab test in NABL approved laboratory to detect the presence of microbes etc. The certificate shall be furnished as per standards and the procedure shall be repeated once in 6 months