



Date: November 11, 2020

Title: Mechanical & Electrical Upgrades, New Delhi, India

Solicitation Number: 21-175731

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The following Questions & Answers is in link with the Request for Proposal document mentioned above.  
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## Questions & Answers # 2

**Q16.** *``Could you explain if Room No – 039, 041, 025, 026, 027 and small office on third floor need new Sprinklers and related new MS Piping?``*

**A16.** See the identified work zones on plan PBA ARD-533-15-M03-PI-PLN\_rev0 and Mechanical Specification Section 21 05 05.

**Q17.** *``We need a drawings showing the new layout with the sprinklers to estimate the quantities. ``*

**A17.** See the legend on plan PBA ARD-533-15-M01-LE-LIS\_rev0 and the work zones on plan PBA ARD-533-15-M03-PI-PLN\_rev0.

**Q18.** *``A drawing showing old layout in red and new requirements in green will give us a clear path to quote.``*

**A18.** See the identified work zones on plan PBA ARD-533-15-M03-PI-PLN\_rev0.

**Q19.** *``Ceiling and Architectural finishes, where the sprinklers / new piping to be installed be clearly clouded or marked for the purpose of estimation. ``*

**A19.** The following should be followed where suspended ceilings are installed:

Refer to the legend on plan PBA ARD-533-15-M01-LE-LIS\_rev0 where two types of sprinkler heads are shown:

- Upright sprinkler head (white dot): Upright heads are used in spaces where there is no ceiling. No ceiling work is required where these sprinkler heads are present.
- Semi-recessed pendant sprinkler head (black dot): Semi-recessed heads are installed in a suspended ceiling. Where these heads are shown, work on suspended ceilings must be planned-for. (Removal and installation is limited to the zone of work as shown).

**Q20.** *``The room No – 25 does not appear on the drawing. Could you provide the drawing showing it the same clearly? ``*

**A20.** Room number 25 no longer exists. Room 25 may be read as forming part of Room 26, 27.

Note the following room numbers and associated building column grid coordinates as reference. Mechanical and Electrical Plans contain alpha designations for horizontal (east-west) column lines; and numeric designations for vertical (north-south) column lines.)

- Room # 005A: B/C-7/8 (storage room)
- Room # 041: B/C-9/10.5 (storage room)
- Room # 26-27 (& 25): A/B-10/13.5 (large storage & office room)
- Room # 377: A/B-9/11.5 (including designated Work Zone)
- Room # 379: A/B-9/9.5 (enclosed office)
- Room # 381: A/B-8/9 (enclosed office)



Regardless of room numbers however, Work Zones as shown on the dwgs must be respected.

**Q21.** *``The type of fittings whether is surface mounted or recessed type? ``*

**A21.** See the legend and details on plan PBA ARD-533-15-M01-LE-LIS\_rev0.

**Q22.** *``The copper conductor to be used, would be FRLS or Fire Survival. ``*

**A22.** See electrical specifications, section 26 05 21 'WIRES AND CABLES (0 – 1000V)

**Q23.** *``When we compare with the existing layout and new lighting layout, then we find that in old layout, some light has shifted in new layout. Can we assume that the old light can be used along with the existing wiring? ``*

**A23.** Respect location shown on new drawing for safety egress lighting. New egress lights do not need electrical connection because they are photo luminescent, see electrical specifications section 26 52 00.01.

**Q24.** *``For Remote terminal units (RTU), the Economiser Section is required ? ``*

**A24.** See mechanicals specifications, section 23 73 10 'AIR HANDLING UNITS '.

**Q25.** *``Could you provide us specifications for duct insulation, which will used for terrace application? ``*

**A25.** See mechanicals specifications, section 23 07 13 'DUCT INSULATION '.

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All other conditions and requirements remain unchanged