ETS Room NOC Requirement (E-NOC)

EMPOWER
ENERGY
SOLUTIONS

1. Design NOC:

a. Required NOC documents (*.Pdf , *.Jpg)

1. Covering Letter
2. Non-Disclosure Agreements signed by all parties involved in the project.
3. Confirmation of acceptance of EMPOWER'S rates & charges by letter from the developer.
4. Building plot affection plan copy in the name of owner receipt.
5. Land sales agreements copy or Land certificate from land department.
6. Passport, Visa & Emirates ID copies of the owner or the authorized signatory of the project.
7. Power of attorney for the authorized signatory **in case of company or individual owner authorization**.
8. Valid trade license copy **in case the development owned by company**.
9. VAT Registration Certificate **in case of company**
10. Letter of confirmation of the demand load & delivery date.
11. DM/DDA/Trakhees/Concerned authorities-approved heat load calculation sheet

b. Required Drawings (Auto cad format only *.dwg)

I. Site setting out plan.
II. Building plan showing location of ETS room along with plot limit & its DLTM coordinates
III. An enlarged ETS room layout showing the clear dimensions of the room and door height.
IV. ETS room cross section details which inclusive of Beam / Floor slab or any level changes.
V. Proposed chilled water pipe routing details from the plot limit to ETS room along with Coordinates.
VI. If the building does not have any basement pit / trench details for chilled water pipe entry
VII. A drawing showing the chilled water pipe routing from the building entry point towards the ETS room.
VIII. Chilled Water Schematic Riser Diagram showing the structural level of each floor of the building.
IX. Proposed Chilled water pipe entry and its cross section details

Important Points:

1. This NOC should be applied by the *building's main consultant* to obtain approval if proposed ETS room size and location is suitable to accommodate EMPOWER's primary side system equipments and piping.
2. Original copy of Non-Disclosure Agreements and offer letter for EMPOWER'S rates and charges will be sent to you by our Sales and Marketing Department provided that you filled-up and submitted the "Application Form for District Cooling Service" enclosed with our Building Owner's Guide booklet.
3. Plot Valve Chamber will be located within the plot premises and this has to be taken in consideration.
4. It is within EMPOWER'S scope to design the primary side system thus, drawings to be provided should not include the quantity and arrangement of Plate Heat Exchangers (PHEs).

2. Construction NOC:

a. Required NOC documents

1. Covering Letter
2. Copy of Approved Valid ETS Room Design NOC.
3. Building plot affection plan copy in the name of owner.
4. Letter of confirmation that District Cooling Services' Contract was signed.
5. Program of Work for the ETS Room.
6. Letter confirming delivery schedule for the Chilled Water.
7. Building Construction status with Photograph(s).
8. Project area calculation sheet – Approved & Stamped by Dubai Municipality / Master Developer Authority
9. Land use details – Approved & Stamped by Dubai Municipality / Master Developer Authority
10. GFA area details - Approved by Dubai Municipality / Master Developer Authority (Stamped)
11. Traffic impact Study (TIS) - RTA Approved (Stamped)
12. DM/DDA/Trakhees/Concerned authorities-approved heat load calculation sheet

b. Required Drawings (DLTM coordinates)

I. Site setting out plan.
II. Building plan showing location of ETS room along with plot limit & its DLTM coordinates
III. An enlarged ETS room layout showing the clear dimensions of the room and door height.
IV. ETS room cross section details which inclusive of Beam / Floor slab or any level changes.
V. Proposed chilled water pipe routing details from the plot limit to ETS room along with Coordinates.
VI. If the building does not have any basement pit / trench details for chilled water pipe entry.
VII. A drawing showing architectural sectional which shows the clear height of the building.
VIII. Chilled Water Schematic Riser Diagram showing the structural level of each floor of the building.
IX. Proposed Chilled water pipe entry and its cross section details
X. Cross section / Elevation details for the proposed pipe routing where pipe runs at Corridor, Drive Way , Parking, Ramp & Any level changes

Important Points:

1. This NOC should be applied by the *building's main contractor* after ETS room Design NOC was approved.
2. The purpose of this NOC is to obtain details from EMPOWER with regards to penetration/entry point of CHW piping into the building and arrangement of EMPOWER's primary side system equipments and piping inside the ETS room.
3. Plot Valve Chamber will be located within the plot premises and this has to be taken in consideration.
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3. Handing Over NOC:

3.1 Civil Works NOC

a. Required NOC documents

1. Covering Letter
2. Copy of Approved Construction NOC with Stamped drawings
3. Letter from building's main consultant confirming that ETS Room was constructed in accordance with
4. Approved Construction NOC issued by Empower.
5. Land use detail, GFA area & Area Calculation sheet & Traffic impact Study (TIS) for the plot & it's Development as per RTA-Building (Traffic) Building Construction status with Photograph(s).

b. Required drawing

i. As- built drawing of ETS Room with all details.

Important Points:

1. NOC for civil works handing-over should be applied by the building's main contractor after ETS room was constructed as per approved Construction NOC.
2. The purpose of this NOC is to identify whether ETS room is ready for the delivery and installation of EMPOWER'S primary side system equipment and piping.

3.2 Chilled Water Connection NOC

a. Required NOC documents

1. Covering Letter
2. Copy of Approved Civil Works Handing Over NOC.
3. Hot side piping's Water Analysis Report duly certified by an independent third party laboratory and approved by the building's main consultant. Report should not be more than two (2) weeks old prior to chilled water connection date. Moreover, the report should not be more than two (2) days old at the time of submitting officially to Empower.
4. Submission copy with Empower received stamp for the Original **Calibration** Certificate of each Temperature Transmitter
5. Submission copy with Empower received stamp for the Original **Warranty** Certificate of each Temperature Transmitter
6. Submission copy with Empower received stamp for the Handed the 2 sets of ETS Room Keys
7. Confirmation letter for DEWA permanent power.
8. Confirmation letter required to submit regarding the availability of lockable DB with 40 Amps incomer, with the below MCBs to be installed inside the dedicated DB and power sources should be from Emergency Power Supply **(a)**32 amps MCB inside an Emergency Supply Panel, this MCB shall be identified as "Empower Control Panel". The Emergency Supply Panel shall be located inside the ETS room. **(b)** 16 amps MCB for each of the PICVs inside the Emergency Supply panel. Each MCB shall be identified with the "PICV Reference" viz., PICV#01, PICV#02 etc. **(c)** 16 amps MCB for the Energy Meter inside the Emergency Supply panel. Identify the MCB as "Energy Meter".

b. Required drawing

I. Drawing depicting the secondary side of the PHE with the sockets for sensors and gauges marked clearly with the correct dimensions.

Important Points:

1. NOC for chilled water connection should be applied by the *building's main contractor*.
2. The purpose of this NOC is to provide clearance when building is ready to receive chilled water after reviewing Water Analysis Report.

4. Revalidation of ETS Room related NOCs:

a. Covering Letter
b. Copy of Approved Valid NOC with Stamped drawings.

5. Revised Design NOC:

a. Required NOC documents

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6. Revised Construction NOC:

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