

Structure Consultancy

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| PROJECT: | Delhi T1 - |
| Sr No. | Description |
| 1 | Description of Work: |
| | HVAC Equipment & False Ceiling Support |
| 1.1 | Mounting platform above the outlets or hanging Structure |
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| 2 | Structural design work : |
| 2.1 | Obtaining the equipment details such as dimensions and weights (Static & dynamic) from the MEP team |
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| 2.2 | Obtain the space planning for the platform from the MEP / Architect team |
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| 2.3 | Calculation of equipment loads, dead load and live loads on the platform and submission to client for approval |
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| 2.4 | Preparation of STAAD model for each of the platforms and analyse the structure, including design of the elements |
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| 2.5 | Calculation of reactions on the floor slab below and check the floor slab for its adequacy to cater for the additional loads from the platforms |
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| 2.6 | Preparation of structural GA drawings and submit for approval to client along with the staad model |
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| 2.7 | Approve the shop fabrication drawings to be submitted by the fabricator. |
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| 2.8 | Obtaining input data from HVAC Equipment supplier regarding the size and weights |
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| 2.9 | Space planning of the platform with respect to OSHA standards for safe operation and maintenance of the equipment |
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| 2.10 | Staad model of the existing mezzanine floor slab to be provided by client - TFS to coordinate with DIAL |
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| 2.11 | Preparation of As-built drawing of the mezzanine floor |
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| 2.12 | Site visits to obtain if require |
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| 2.13 | Structural Details to be approved & certificate to be submit |