

IMPACT Arena

Mechanical and Electrical Specification

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| Main Feeder | Energize high voltage 24 kilovolts 2 feeders (power distribution through meter 4,500 Amps 24,000 volts/feeder) by Metropolitan Electricity Authority |
| Electrical Loading | Dry-type transformers: 7,500 kilovolt-Amps (7.50 megavolt-Amps) |
| Generator | Capacity 2 x 1,250 kilovolt-Amps (2 x 2,000 Amps 3 phases) supply power to emergency light connected circuit through automatic transfer switch, supply 30% of light illuminance |
| Floor Pit | 2 electrical units at back stage and control stage (each consists of 1 set 63 Amps 3 phases, 1 set 100 Amps 3 phases) 2 units of telephone outlet, each is 4/ C and 0.50 millimeter 2 units of cold water and drainage at back stage and control stage (each consists of control valve \varnothing 1/2" and drain pipe \varnothing 3") |
| Air-Conditioning System | Water-cooled chilled water air conditioning system with maximum cooling capacity 1,000 tons of refrigeration |
| Compressed Air | Available for all booths upon request |
| Water Supply | Cold water tank 1,050 cubic meters (maximum of 1-day stand by) Pressure 40-60 pounds Direct connection available to all booths (typical booth layout) |
| Drainage Point | Direct connection available to all booths (typical booth layout) |
| Lighting system | Metal halide lamp 400 watts and metal halide lamp 1,000 watts, high bay type, par 300 watts, high bay type with 300 luxes average illuminance |
| Broadcasting and Communication | Cat5E Cable With RJ-45 Modoular Jack Connected to data/voice equipment rack |
| Emergency system | Fire sprinkler system, fire hose cabinet, fire extinguisher and fire alarm bell with manual station |
| PA System | Paging and announcements system Emergency line support |
| Security | Surveillance system |

Symbol

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| Fire Hydrant | Fire Department Connection | Pull Alarm | Elevator | Information counter | Disabled Parking Area | Taxi Service | Telephone | Prayer Room | Toilet | Men Toilet |
|  |  |  |  |  |  |  |  |  |  |  |
| Fire Extinguisher & Fire Hose | Fire Extinguisher | Fire Exit | Staircase | Escalator | Ambulance Parking Area | Retail Shop | Restaurant | Disabled Toilet | Baby Changing | Female Toilet |