




















# IMPACT Arena

## Mechanical and Electrical Specification

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 Amp 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 ø ½" and drain pipe ø 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

										
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