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Ref. No. ..... *Date* 20/12/2015

Project Name:- Lake Life Township

Project Brief

The project which is placed at the South Kolkata, one of the most exotic location, a direct approach from Diamond Harbour Road, Joka offers its residents exceptionally designed facilities and services.

Lake Life Township consists of three blocks, of 54 units (30 units of 3BHK and 24 units of 2BHK) with car parking.

Electrical Supply

Local supply authority (M/s.WBSEDCL) scope would include importing HT power and transforming from HV to MV including necessary MV distribution up to the meters. However space for commissioning the Transformers will be provided by the Client and will be handed over to supply authority.

The local supply authority (M/s.WBSEDCL) will provide separate LT supply, with supply Authority's KWH Meter, for each flat in the name of individual flat owners & common meters for loads like Lift, water pump, Street Lights, Perimeter Lighting, Landscaping, car park area lighting, Fire Fighting etc. Feeding three phase power at their Incoming LT switches through energy meters shall be under the scope of supply authority. From authority's electrical meter, authority power shall be connected with Automatic change over cum current limiter to feed power to allot tees MCB distribution board.

DG Power Supply

The D.G. sets shall be located outside the building line.
The DG distribution panel of respective DG sets shall feed power to the DG bus of the distribution board for further distribution to the flats. Automatic change over cum current limiter/ ACCL shall be proposed to change over between authority's power and DG power during load shading and power resumption condition.

Separate distribution for the common services like Street Lights, Perimeter Lighting, Landscaping, plumbing pumps, car park area lighting, Fire Fighting etc shall be provided through automatic change over switch to change over between authority's power supply and DG power supply during load shading and power resumption condition.

Fire System Description

Fire water storage
Static fire water underground storage tank for Fire Protection System and individual terrace tank have been provided for the project.

Fire Pumping System:
The fire pumping system shall comprise of independent electrical pumps for hydrant and entire system, electric driven standby pump & jockey pump.

For OAS REALTORS PVT. LTD.

Ramjan Ali SK
Director

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Electrical pump shall provide adequate flow for catering requirement of hydrant system. Standby electric driven fire pumps shall be provided for ensuring operation & performance of the system in case of total electrical power failure. Jockey pumps shall compensate for pressure drop and line leakage in the hydrant and sprinkler installation.

Suction lines shall be drawn from the Underground fire reserve tanks and connected to independent fire suction header. The electric fire pumps, Standby electric driven fire pumps and the jockey pumps shall all draw from this suction header.

Delivery lines from various pumps shall also be connected to a common header in order to ensure that maximum standby capacity is available. The ring main shall remain pressurized at all times and Jockey pumps shall make up minor line losses. Automation required to make the system fully functional shall be provided.

Fire Hydrant System
Internal and external standpipe fire hydrant system shall be provided with landing valve, hose reel, first aid hose reels, complete with instantaneous pattern short gunmetal pipe in the Complex.

Hand held fire extinguishers
Portable fire extinguishers of water (gas pressure), Carbon-di-oxide and foam type shall be provided as first aid fire extinguishing appliances. These extinguishers shall be suitably distributed in the entire public as well as service areas.

PHE System:

Water Distribution

The incoming main from Local Authority water supply line shall be fed into Fire Reserve tanks from where it will be allowed to overflow in domestic water tanks; Water from this tank shall be treated in the water treatment plant, thereafter the water shall be transferred to the over head tanks through pumping system and then by gravity system water to be supplied directly to the desired fixture point.

Sewerage and Drainage System

Project will have septic tank as disposal system where one end would be connected to an inlet wastewater pipe and the other to a septic drain field. The tank will incorporate two chambers; each equipped with a manhole cover, and separated by a dividing wall with openings located about midway between the floor and roof of the tank.

Wastewater enters the first chamber of the tank, allowing solids to settle and scum to float. The settled solids are an aerobically digested, reducing the volume of solids. The liquid component flows through the dividing wall into the second chamber, where further settlement takes place. The excess liquid, now in a relatively clear condition, then drains from the outlet into the septic drain field

The remaining impurities are trapped and eliminated in the soil, with the excess water eliminated through percolation into the soil, through evaporation and water will be disposed through gravity at the main municipal drain.

For OAS REALTORS PVT. LTD.
Ramjan Ali SK

Director