Annexure – C
On 300Rs Stamp Notarized

TERMS AND CONDITIONS TO BE FOLLOWED FOR LAYING UNDER GROUND CABLE LINE

The electrical cables will be laid for electrification purpose. The depth of HT/LT Cable will be 3.5/2 feet from the finished ground level. All the electrical cables laid will be covered with half circular RCC Hume pipes/bricks and a back filling of sand, so as to make he cables easy traceable at the time of fault. No filling or footpath will be done above the cables. The cables will be in a pattern so as to be made easily accessible at immediate level. Also following measures and precautions are to be noted along with the method of laying of the cables.

Electrical cables will be laid completely separate from the other services lines with a separation of curb stones or bricks separation to avoid the interaction and mixing up of lines.

All cables will be covered with half circular RCC Hume pipes to avoid direct breakage at the time of excavation.

All road crossing, gate, crossing, critical crossing will be done by RCC Hume pipes/GI pipes with a man hole at both the ends.

Cable entering in to the individual unit will enter through a HDP/PVC insulated rigid suction pipe of adequate strength so as cable can be completely removed when required.

At all the cross road, crossing and general route, able route markers will be installed to provide the direction of entry and exits of cables.

Crossing roads for the services cables to the individual units will be avoided as far as possible.

All the cables laid in the ground will be marked with a number marker to identify the cable of the specific unit as well as main cable.

Feeder pillars of every section will be separate and if possible all the feeder pillars will be provided with a spare cable of the same size of the live cable for power supply in case of emergency.

Each FSP & MSP will be provided with separate 2 nos. of earthing pits of 10 feet depth pipe electrode type of earthing with sufficient size of GI strips, watering arrangements.

FSP is provided with AB Switch and HRC fuse and insulated bus-bars protection..

Every MSP is to be provided with insulated bus-bar protection.

A proper care for human safety will be taken in all the feeder pillar and locking arrangement and sealing arrangements will be provided.

All the cables used will be of ISI MARK quality good armoured cable and with sufficient cross section considering the future expansion as 50% in due course of time. This will result into higher size of cables than actual required at all the locations.

All the individual units will be provided with a 4 core cable, 2 conductors as live and two conductors as spare so as to make it convenient to give the immediate supply in case of fault.

Individual earthing pits will be provided as per ISI STANDARDS of electrification for every individual bunglow separately.

All meter boxes will be provided of adequate size and with complete earthing connection to individual meter boards

Underground cabling work should be executed as per provision of Indian Electricity rules.

To note the striking features of the electrification is that the complete electrification will be done in a manner that human safety is considered at the highest priority and has been given due importance. Secondly the method of construction and laying of cables is done in such a way that the cables can be easily assessable, identified, and traced at the time of maintenance without major loss of time or making major changes. To conclude its will be an easily maintanable system and human safety at the highest priority.The complete system of cables, feeder pillars, switches, protection devices are based on the quality principles, guidelines, of ISI STANDARDS and user friendly methods.

Thanking you,

Yours Faithfully,

For,