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GOVERNMENT OF WEST BENGAL
OFFICE OF THE DEPUTY DIRECTOR (SOUTH ZONE)
WEST BENGAL FIRE & EMERGENCY SERVICES
CITY CENTRE, DURGAPUR -16.



Memo No. Dy.DFS/ 1417 /2013

Dated: 1/8 /2013

From: The Divisional Officer,
"G" Division,
City Centre, Durgapur-16,
West Bengal Fire & Emergency Services.

To : Mr. Subodh Kumar Dutta, (Managing Director),
DURGAPUR REAL ESTATE PVT. LTD.,
6th Floor, Suhatta Mall, City Centre, Room No.3,
Durgapur-16, Dist. Burdwan.

Sub : Fire Safety recommendation/ Fire Safety Certificate in connection with Provisional N.O.C, for the proposed G+VII storied Residential Apartment building (3) blocks Housing Complex, in favour of DURGAPUR REAL ESTATE PVT. LTD. over Plot No. 19(P), 20(P), J.L.No.95, Mouza: Sankarpur, P.S.Faridpur, Dist. Burdwan.

Ref: His application dated 18/7/2013

This is to reference to your letter dated 18/7/2013 regarding Fire Safety recommendation/ Fire Safety Certificate in connection with Provisional N.O.C, for the proposed G+VII storied Residential Apartment building (3) blocks Housing Complex, in favour of DURGAPUR REAL ESTATE PVT. LTD. over Plot No. 19(P), 20(P), J.L.No.95, Mouza: Sankarpur, P.S.Faridpur, Dist. Burdwan.

The plan drawing submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In returning one set of Plan with recommendation, this office is issuing Fire Safety recommendation in favor of the aforesaid building subject to the compliance of the following Fire Safety Measure.

Enclosed; Recommendation

[Handwritten Signature]

Divisional Officer, "G" Division.
WEST BENGAL FIRE & EMG. SERVICES.

RECOMMENDATIONS

A. CONSTRUCTION :

1. The whole construction of the proposed building shall be carried out as per approved plan drawings conforming the relevant building rules of West Bengal Municipal Building Rules.
2. The Floor area exceeds 750 m² shall be suitably compartmented by wall separation walls up to the ceiling level having at least two hrs. Fire Resisting capacity.
3. The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.
4. Provision of ventilation at the Central core-duct of the building shall be provided.
5. Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire Resisting capacity.

B. OPEN SPACE & APPROACH ROAD :-

1. The open space of the surrounding building shall conform the relevant buildings rules so as to permit the easy accessibility and maneuverability of Fire Appliances to turning facility.
2. The approach road shall be sufficiently strong to with stand the load of Fire Engine weighting upto 45 M.T.
3. The width and height of the access gates into the premises shall not be less than 4.5 M and 5 M respectively abutting the road. .

C. STAIR CASES :-

1. The stair cases of the building shall be enclosed /R/C/C/ type made of bricks having Fire Resisting capacity not less than 4 hrs.
2. The stair cases of the building shall have permanent vents at the top and open able sashes at each floor level in the external wall of the building.
3. The width, Tread, Rise & flight of the stair cases and corridors/Exit/Lobby etc. shall conform the relevant building rules.
4. All the stair cases shall be extended upto to terrace of the building and shall be negotiable to each other without entering into any room.
5. Fire and smoke check doors at the entrances of all stair case enclosures at each floor shall be provided. The F.C.D. shall be at least one hour Fire Resistance wire glass window fitted with Self-closing type open able in the direction of escape.



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D. LIFT :-

1. The walls of the lift enclosure shall be at least two hr. Fire Resisting type collapsible gate shall not be permitted.
2. One of the lift shall be designed for Fire lift of the height of the building exceeds 15 M.

E. REFUGE AREA:

1. Refuge area is not less than 15 sq. meters shall be provided on the external wall with cantilever projection or other suitable means at 25.5 M and 40.5 M levels of the building as shown in the drawing.
2. The refuge area shall be of the fire resisting construction and protected with self closing FCD at the entrance from the corridor or the stair case lobbies.
3. The position of refuge areas shall be such that they are negotiable by the fire service ladder from the ground.

F. FIRE FIGHTING WATER :-

1. Underground W/R having capacity at 50,000 ltrs. And over head reservoir of 25,000 ltrs for each high rise tower exclusively for Fire Fighting purpose with replenishing arrangements @ 1000 ltrs/min. preferably from two different sources of water supply shall be provided. The Fire water Reservoir shall have over flow arrangements with the domestic water reservoir as well as to avoid stagnancy of water. The water Reservoir shall be kept full at all time.

G. HYDRANT SYSTEM :

1. The building shall be provided with wet riser of 150 mm internal diameter pipe line with provision of landing valves at the stair case landings/half landings at the rate of one such riser for 1000 sq.m of floor area. The overhead Reservoir shall be connected with the adequate diameter pipe with wet risers of hydrant and sprinkler of 150mm diameter pipe line. The system shall be so designed that shall be kept charged with water all the time under pressure and capable to discharge 2850 ltrs/min at the ground floor level out let and minimum 900 ltrs/min at the top most out let. In both cases the running pressure shall not be less than 3.5 kgs/sq.cm. All other requirements shall conform I.S. 3844 -1989.
2. Provision for Hose Reel in conjunction with wet riser shall be made at each floor level. conforming the relevant I.S. specification.
3. Yard Hydrant/Ring Main Hydrant with provision of adequate numbers Hydrant shall be installed surrounding the building in accordance with relevant I.S. specification.



H. SPRINKLER INSTALLATION :-

1. The automatic sprinkler installation shall be provided in ground floor, in all floor's corridors, Stair & Lift Lobby of the high-rise building as per IS 9972. Alarm gang to be incorporated along with the sprinkler system.

I. FIRE PUMP: (2 NOS FIRE PUMP ROOM OF ADMUTUAL FACILITIES)

Provision of the multistage fire pump shall have to be made to supply water at the rate designed pressure and discharge into the water based system which shall be installed in the building. One such pump shall always be kept on stand-by preferably be of diesel driven type.

A separate multistate Fire Pump shall be made for the total Sprinkler Installation of the building. Provision of jockey pump shall also have to be made to keep the water based system under pressurised condition at all the time. All the pumps shall be incorporated with both manual and auto starting facilities. The suction of pumps shall preferably of positive type.

J. ELECTRICAL INSTALLATION & DISTRIBUTION :-

1. The electrical installation including transformers, switch gears, Main & Metres etc and the distribution system of the premises shall be made satisfying the code of practice for Fire safety in general building as laid down in I.S. specification 1946-1982.
2. The vertical ducts shall be sealed at alternative floor level.
3. The electrical installation shall be adequately protected with C02/D.C.P.
4. Alternative power supply – Arrangements shall have to made to supply with the help of a generator to operate at least the Fire Pump, Pump for deep tube well, Fire Alarm System, Fire Lift etc. and also for illuminating the stair case, corridors etc and other places of assembly of the building in case of normal power failure.

K. DETECTION , ALARM AND SUPPRESSILON SYSTEM :-

1. Manually operated Electrical Fire Alarm system with at least three nos.of break glass type call boxes fitted with hooters along with P.A.system, tack back facilities at each floor shall be made in the control room. The control room shall be located at the ground floor of the building. Other requirements of the system shall be conformed I.S. 2189-1988.
2. The suppression system shall be made with Fire Extinguishers and total flooding system with C02 /FM-200 particularly in computer and Electrical processing and Data Room.
3. Hooter will be sounded in such a manner so that an operation of a Detector or M.C.P. Hooters will sounded on the same floor and immediate alternative floor.
4. P.A. system shall be linked with all floors and control room to be established.



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L. A.C.SYSTEM :- (If any) :-

1. The A.H.U. shall be separated for each floor with the system of Air Ducts for individual floors.
2. Arrangement shall be made for isolation at the strategic Locations by incorporating Auto Dampers in the A.C. System.
3. The system of auto shut down of A.H.U. shall be incorporated with the auto detection and alarm system.
4. The air handling units room shall not be used for storage of any combustible materials.

M. FIRST AID FIRE FIGHTING SYSTEM :-

1. First Aid Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire Buckets etc. in all floors and vulnerable locations of the premises shall be made in accordance with I.S. 2190-1992.

N. GENERAL RECOMMENDATIONS :-

1. Fire licence shall have to be obtained for proposed storing and processing with L.P.G. and other highly combustible articles.
2. Fire notice for Fire Fighting and evacuation from the building shall be prepared and displayed at all vulnerable places of the building.
3. Floor nos. and directional sign of escape route shall be displayed prominently.
4. The employees and security staff shall be conversant with installed fire fighting equipments of the building and to operate in the event of Fire & Testing.
5. Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installations and equipments installed in the building to keep them in perfectly good working condition at all times.
6. A crew of trained Fireman under experienced officer shall be engaged round the clock for safety of the building and occupants.
7. Mock Fire practice and Evacuation drill shall be performed periodically with participation of all occupants of the building.
8. Each year a certificate is to be obtained from this Deptt. certifying about the satisfactory services, performance of all the lives and Fire safety arrangement and installation of the building.

N.B: Any deviation and changes the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, this fire safety recommendation will be treated as cancelled.

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GOVERNMENT OF WEST BENGAL
DEPARTMENT OF THE FIRE & EMERGENCY SERVICES
OFFICE OF THE DIRECTOR GENERAL
13-D, Mirza Ghalib Street, Kolkata-16
(For building of all categories)



Memo No. Dy.DFS/ 1376/13

Dated: 24/7/13

To: Mr. Subodh Kr. Dutta (Managing Director)
Durgapuri Real Estate Pvt. Ltd.
6th floor, Subharta Mall, city centre
Durgapuri - 16, Dist: - Burdwan,

Sub: Demand Notice under Section-IIC of WBFS Act, 1950 as amended up to date for issue of recommendation of N.O.C./Fire safety certificate for the proposed construction/Existing building under use of group 'A', SD-4 at the premises No. Plot. No. 19(P), 20(P), J.L. No. - 95, Manza - Sankarpur, P.S. - Faridpur Dist: - Burdwan for the proposed 6+11 storied Residential Apartment Bldgs. (3) three blocks, Housing complex.

Dear Sir/Madam,

With reference to the building application submitted in respect to the above proposed /Existing bldg this is to inform you that the building permit along with the sanctioned plan will be issued subject to the payment of fee amount Rs.


37200/-

You are hereby requested to permit the above amount immediately from the date of receipt of the notice.

Total Floor Area (In sq.Mtrs)	: 12399.96 M ² (including all block)
Ground Floor Area (in Sq.Mtrs)	: 2156.10 M ² (-DD-)
Primary use Group	: "A", SD-4, Residential complex.
Total additional Floor Area	: -
Abutting Road width	: 9.14 Mtr.
Amount in Words	: Thirty Seven thousand two hundred
Mode of payment:	- only.

Treasury Challan drawn in favour of "0070-other Administrative Service 60-109-Fire Protection & Control-001 Fees under the West Bengal Fire Service Act 14-Licence Fees" A/C. Code: 0070-60-109-001-14 to be deposited in Treasury/R.B.I. The Treasury/RBI Challan Receipt (in original) should be submitted in this office in receipt of the Provisional N.O.C. will be issued.

Yours faithfully,


24/7/13

D. O. 'G' Divn.
W.B.F.E.S.