

# SOUTH DUBLIN COUNTY COUNCIL

## SITE NOTICE OF FURTHER INFORMATION / REVISED PLANS

Name of applicant: Vantage Data Centers DUB11 Ltd.

Reference number of the application: SD21A/0241

The development applied for is at this site that includes an abandoned single storey residential property on the New Nangor Road (R134), Dublin 22; and on land within the townlands of Ballybane and Kilbride within Profile Park, Clondalkin, Dublin 22 on an overall site of 8.7 hectares.

The development applied for consists of the demolition of the abandoned single storey dwelling and associated outbuilding (206sqm); and the construction of 2 no. two storey data centers with plant at roof level of each facility and associated ancillary development that will have a gross floor area of 40,589sqm that will consist of the following:

- 1 no. two storey data center (Building 11) that will be located to the south of the site and will have a gross floor area of 24,667sqm. It will include 22 no. emergency generators located at ground floor level within a compound to the western side of the data center with associated flues that will be 22.3m in height;
- 1 no. two storey data center (Building 12) that will be located to the north of the site, and to the immediate north of Building 11 and will have a gross floor area of 12,915sqm. It will include 11 no. emergency generators located at ground floor level within a compound to the western side of the data center with associated flues that will be 22.3m in height;
- Each of the two data centers will include data storage rooms, associated electrical and mechanical plant rooms, loading bays, maintenance and storage spaces, office administration areas, and plant including PV panels at roof level as well as a separate house generator for each facility that will provide emergency power to the admin and ancillary spaces. Each generator will include a diesel tank and there will be a refuelling area to serve the proposed emergency generators;
- The overall height of each data center apart from the flues and plant at roof level is c. 14.23m above the finished floor level;
- Construction of internal road network and circulation areas, with main entrance off Falcon Avenue to the south, as well as a secondary vehicular access off Legacy Drive to the south-west, both from within Profile Park; footpaths, provision of 144 no. car parking spaces, and 66 no. cycle parking spaces;
- single storey step-up substation (38sqm) as well as 2 no. single storey switch substations (121sqm);
- AGI Gas Regulator compound that include 3 no. single storey buildings (134sqm);
- construction of a gas powered generation plant in the form of a 13m high single storey building with a gross floor area of 2,714sqm that will contain 10 gas generators with associated flues that will be 25m in height, and grouped in pairs and threes. The Gas Plant will be located to the west of Building 11;
- Ancillary site development works, that will include reorientation of the Baldonnel Stream, biodiversity management initiatives, attenuation ponds and the installation and connection to the underground foul and storm water drainage network, and installation of utility ducts and cables, that will include the drilling and laying of ducts and cables under the internal road network within Profile Park. Other ancillary site development works will include hard and soft landscaping, lighting, fencing, signage, services road, entrance gates, sprinkler tanks and pump room; and
- A temporary gas powered generation plant within a fenced yard containing 21 no. generator units in containers, each with associated flues (each 25m high), 12 transformers and 10 containers of controls to be located to the west of, and associated with the first phase of Building 11, and will be required for a period of up to 2 years if connection to the national grid is delayed. This temporary plant will not be built if the connection to the national grid is in place prior to the operation of Building 11.

The development will be accessed from Falcon Avenue and Legacy Drive from within the Profile Park Business Park that contains an access from the New Nangor Road (R134). An Environmental Impact Assessment Report (EIAR) has been submitted with this application.

Significant Further Information and Revised Plans have been furnished to the Planning Authority in respect of this proposed development, and are available for inspection or purchase, at a fee not exceeding the reasonable cost of making a copy at the offices of the authority during its public opening hours.

The Significant Further Information / Revised Plans includes a revised site plan that has modified the location of Buildings 11 and 12 within the site that enables the stream to remain in its current alignment within an enhanced riparian strip; amendment to the gross floor area of the entire development to 41,105sqm; revised EIAR that includes new photomontages; revised car parking layout; additional SUDS measures, attenuation and green infrastructure; as well as revised landscaping. It also includes a modification to the nature and use of the Gas Plant to a Multi-Fuel Generation Plant, which includes breaking it into two components and increasing its 11 no. flues to being 30m in height; and that its primary purpose is now to reinforce the national grid.

A submission or observation in relation to the further information or revised plans may be made in writing to the planning authority within the statutory time limit. A submission or observation must be accompanied by the prescribed fee (€20), except in the case of a person or body who has already made a submission or observation on the application.

Signed

Date site notice erected

10<sup>th</sup> March 2022



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