
Corodex to supply vacuum sewerage to Qatalum

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Construction Week reported that Dubai based Corodex Electro mechanic has won the contract to construct a vacuum sewerage system for the world's largest aluminum plant in Qatar.

On completion, Qatalum's smelter will be the largest aluminum plant ever constructed in a single phase. The plant is located at Mesaieed in Qatar, some 40 kilometers from the capital Doha.

The project involves design, supply and supervision of installation of a vacuum sewerage system supplied by Roediger Vacuum. The vacuum sewerage network when completed will consist of approximately 63 Z75 vacuum chambers all connected with one central vacuum station with a 5 kilometers long vacuum sewer line.

Mr Mohammed Awad business development director of Concorde Corodex Group said that "This project follows the highest construction standards set by Qatalum."

He added that "The flexibility of the system makes it possible to integrate it with other underground utilities and construct them simultaneously, saving time and cost for all."

The main advantages of this system are that it is environment friendly and has no odors and no exfiltration or infiltration of wastewater into the surrounding area. Also it can be built very fast in comparison to traditional gravity sewerage systems.

Corodex has installed similar systems on Palm Jumeirah and Palm Deira in Dubai for Al Raha Gardens in Abu Dhabi and other locations in Middle East.

Vacuum sewerage systems are wastewater collection systems. An air stream generated by differential air pressure drives the wastewater toward a vacuum station where the vacuum is generated; the wastewater is collected and then pumped to a wastewater treatment facility. The system is made up of reliable & durable components that are easy to use and service with the self cleaning mechanism. Its unique engineering design makes it most suitable for low density population areas, rocky terrains and coastal development.

(Sourced from Constructionweekonline.com)

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