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For Immediate Release

JICA SUPPORTS REHABILITATION OF TRENCHLESS SEWERAGE PIPE IN HCMC

Ho Chi Minh City, February 21, 2020 – JICA Vietnam Office’s Chief Representative Konaka Tetsuo and Ho Chi Minh City (HCMC) People’s Committee (PC) Vice Chairman Vo Van Hoan signed the Grant Agreement on the “***Project For Trenchless Sewerage Pipe Rehabilitation in Ho Chi Minh City***” on February 21. The signing was witnessed by Japanese Ambassador to Vietnam Umeda Kunio, HCMC PC Chairman Nguyen Thanh Phong, and representatives of Japanese Consulate General in HCMC, HCMC departments, JICA and concerned agencies.

The grant, valued at JPY1.882 billion and committed by the Government of Japan in 2018, will be used to improve drainage capacity and load bearing capacity with the rehabilitation of aging drainage and sewer pipes in HCMC. The rehabilitation works will be carried out in 24 months by experienced Japanese companies, under supervision of a competent Japanese consultant. It is scheduled to complete in December 2023.

The city’s rapid urban growth requires urgent development of environmental infrastructure in tandem with meeting the demand of safe water supply and water environment protection. While the city is making tremendous effort in building a new sewerage system which includes waste water treatment plant and piping network to improve the water environment, rehabilitation of the old sewer pipes built under the French colonial time is a great challenge in the context of existing heavy traffic jam especially in the downtown Districts 1 and 3.

In 2015, JICA provided a technical cooperation project implemented by Osaka City’s Department of Construction and Sekisui Chemical to pilot trenchless rehabilitation of degraded pipelines in Cong Quynh – Nguyen Cu Trinh roundabout in HCMC’s District 1. The pilot proved to be the right method for sewer pipe rehabilitation works in the traffic-heavy districts of HCMC without disturbing the social life nor damaging the road surface. The advantages of using trenchless technology in the pilot, in comparison with the traditional open-cut method, convinced and urged HCMC PC to pursue a project on sewerage pipe rehabilitation for the old and condensed areas of District 1 and District 3. Osaka city will provide the technical support to the project based on the existing cooperation in the sewage sector between HCMC and Osaka city.

JICA has been supporting HCMC in improving the waste water system since 1999 starting with the compilation of “HCMC sewage and drainage Master Plan to 2020” (JICA, 1999). Following the Master Plan, the HCMC Water Environment Improvement Project in Tau Hu – Ben Nghe river basins (phase I) was implemented, providing a waste water treatment plant with the daily capacity of 141,000 m³ and improving the drainage capacity in Tau Hu and Ben Nghe canals as well as constructing new interceptors and sewer pipes.



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The second phase of the project is scheduled to complete in 2022, adding a new waste water treatment plant with the daily capacity of 330,000m³ and interceptors and sewer pipes in the Doi – Te river basin. In the second phase of the project, pipe-jacking technology was introduced for interceptor construction to minimize traffic interruption in the busy areas of Districts 4, 5, 6, 8, 10 of the city.

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