

## Reconstruction of Wastewater Treatment Plant, Rehabilitation and Extension of Sewer and Water Supply Networks in Kedainiai, Lithuania

### Project description

UAB “VT11”, our partner in Lithuania has contributed to the realisation of a project in Kedainiai for drinking water pipes and fittings. Construction and installation works were divided into groups of structure:

Group of structure No. 001 -	Main sewage pumping station PNS –01
Group of structure No. 002 -	Sewage pump station NS – 02 in Kestucio str
Group of structure No. 003 -	Pramones district Sewage pumping station PRNS – 03
Group of structure No. 004 -	Sewage pumping station VNS – 04 of Vilainiai living district
Group of structure No. 005 -	Water supply and sewage networks and Equipment in Babenai living district
Group of structure No. 006 -	Water supply and sewage networks and Equipment in Lakstingalu living district
Group of structure No. 007 -	Water supply networks of Paobelis living dist.
Group of structure No. 008 -	Reconstruction of water supply
Group of structure No. 009 -	Water supply pipeline transitions under the River Obele and Nevezis



Aim of Kedainiai project – to extend water supply and sewerage networks in Kedainiai town and in surrounding villages, to rehabilitate old existing water supply and sewerage networks and reconstruct wastewater treatment plant and wastewater pumping stations in the town. Expected results after project execution: impurity of the ground water, infiltration of wastewater and amount of incalculable water will be reduced. Running costs will be decreased, indexes of clear-out from treatment plant will increased and drainage of the mud will be improved.

### Scope of supply

- 5.952m PE 100 pipe OD 110 x 6,6mm, SDR 17 in blue for water supply
- 1.824m PE 100 pipe OD 160 x 9,5mm, SDR 17 in blue for water supply
- 2.232m PE 100 pipe OD 225 x 13,4mm, SDR 17 in blue for water supply
- 648m PE 100 pipe OD 280 x 16,6mm, SDR 17 in blue for water supply
- 2.868m PE 100 pipe OD 110 x 6,6mm, SDR 17 in black for pressure sewage
- 2.592m PE 100 pipe OD 160 x 9,5mm, SDR 17 in black for pressure sewage
- 552m PE 100 pipe OD 315 x 18,7mm, SDR 17 in black for pressure sewage
- 204m PE 100 pipe OD 450 x 26,7mm, SDR 17 in black for pressure sewage
- plus bends formed out of pipe, stub ends, loose flanges, reducers etc. in the same dimensions.



## Services of FRANK

- ✓ Delivery of complete material
- ✓ Supply of butt fusion welding machines FRANK 315 NC and WIDOS 5100 for connection of PE pipes
- ✓ Welding works of PE pipes with company Frank GmbH supplied welding machines in Kedainiai project was executed by contractors: UAB "Kaduva" and UAB "Laugina"

## Time frame

Project has been prepared throughout October 2005 and February 2006  
Production and final delivery March 2006.

Start of construction according to above project was on 7<sup>th</sup> December 2005. Final date for the project execution is 7<sup>th</sup> June 2007.

## Partners

UAB "VT11"

## Contact

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