An EU funded project
Projekat finansira Evropska unija

Municipal Infrastructure Support Programme

Building together for the future

Program podrške razvoju infrastrukture lokalne samouprave

Gradimo zajedno za budućnost

eptisa
REGIONAL OFFICE FOR SEE
www.eptisasee.com

ROYAL HASKONING

VNG
Vereniging van Nederlandse Gemeenten

An EU funded project
Projekat finansira Evropska unija

Municipal Infrastructure Support Programme
Building together for the future

Program podrške razvoju infrastrukture lokalne samouprave
Gradimo zajedno za budućnost

"Kula and Vrbas municipalities Central Waste Water Treatment Plant"

EuropeAid/128697/C/WKS/RS

SITE VISIT MEETING 26 August, 2010

eptisa
REGIONAL OFFICE FOR SEE
www.eptisasee.com

ROYAL HASKONING

VNG
Vereniging van Nederlandse Gemeenten

Content of the presentation

- The Parties on the Tender and the future Contract
- Relation Between the Parties
- The Region of the Project
- Main Technical Data of the Tender Works

Contracting Authority - EUD

Beneficiary – Municipalities Vrbas and Kula

Contractor - to be appointed

Supervisor – Consortium Consultants

EUD Contracting Authority

SUPERVISOR

CONTRACTOR

PIU

PUC
Water Management Companies
Municipalities
Technical Assistance Agencies

KULA
GRAND CANAL
RAILWAY SUBOTICA-BELGRADE
VRBAS
CWWTP
KUCURA
SAVINO SELO
BAČKO DOBRO POLJE
RAVNO SELO
ZMAJEVO

VRBAS
Glavni kolektor Vrbas-Kula
Veliki Bački kanal
Prostor
rezervisan za
CPBOV
(GUP)
Izliv pročišćene vode
Kanal Bogojevo-Bečej

P.I.1
P.I.2
P.I.3
P.I.4
2413
2406
2412
LEGEND:
- Border of Detail Regulation Plan
- Border of Cadastral Plot Allocated for WWTP (Plot No. 2412, 2413 and 2406) acc.to Detail Regulation Plan
- Area Allocated for Phase I 2.4 ha (plot No. 2412)
- Area in Process of Acquisition 1.1 ha (plot No. 2413 and 2406)
- P.I. Mark (plot No 2412)
P.I.2
- P.I. Label and Geographic Coordinates
TENDER DRAWINGS - No. 1
Waste Water Treatment and Sewage Collection Project Veliki Backi Kanal
Kula and Vrbas Municipalities, Republic of Serbia
Central Wastewater Treatment Plant (CWWT) - Topographic and Cadastral Map
EuropeAid/126807/C/WKB/RS
MUNICIPAL INFRASTRUCTURE SUPPORT PROGRAMME
EU - funded project
Municipalities
VRBAS and KULA

AREA IN PROCESS OF ACQUISITION
LEGEND:
1. Connection to Existing Trunk Sewer
2. Automatic Coarse Screens
3. Inlet Lifting Station
4. Fine Screens Building
5. Aerated Grit Chamber and Grease Removal
6. Primary Clarifier
7. Biological Treatment Line
8. Final Clarifier
9. Effluent Chamber and Service Water Station
10. Outlet Flow Meter and Automatic Sampling Equipment
11. Sludge Return and Excess Sludge Pumping Station
12. Primary Sludge Pumping Station
13. Distribution Chamber
14. Inlet Flow Meter
15. Air Blowers for Grit Chamber
16. Power Station
17. Blowers Building
18. Administration Building
19. Guard House
20. Primary Thickener (compulsory)
21. Sludge Dewatering Building (optional)
22. Gas Generator Building (optional)
23. Gas Holder (optional)
24. Digesters - Anaerobic (optional)
25. Sludge Homogenization Tank (optional)
25.1 - Homogenized Sludge Pumping Station (optional)
26. Flare (optional)
SK - Effluent Discharge Chamber
GR - Scum Removal
- Main Process Pipelines
- Sludge Recirculation Pipelines
- Primary Sludge Pipelines
- Grease and Scum Pipelines
- Overflow / By-pass line
- Existing Trunk Sewer DN1200
TOWARDS RECIPIENT CHANNEL BEGEJ - BOGOJEVO L=670 m
SK
- Border of Urban Regulation Plan
- Irrigation Channel
- Fence
- Area in Process of Acquisition
- Existing Pumping Station
MAIN ENTRANCE
EXISTING TRUNK SEWER DN1200
INLET FROM VRBAS AND KULA
TENDER DRAWINGS - No. 2
Waste Water Treatment and Sewage Collection Project Veliki Bački Kanal
Kula and Vrbas Municipalities, Republic of Serbia
Central Wastewater Treatment Plant (CWWT) - General Layout
EuropeAid/125887/C/WKS/RS
MUNICIPAL INFRASTRUCTURE SUPPORT PROGRAMME
EU - funded project
Municipalities
VRBAS and KULA

potis DN 250
DN 1200
19,89
198,67
203,44
120,69
101,00

Contract Works for the CWWTP

- Preliminary Design for a full CWWTP for First Phase 2020 and indicated areas of units for second phase 2030 extension
- Full Documentation required according the Serbian Law to enable the Beneficiary to obtain all relevant permits
- Final Design for all Contracted Works with construction, installation, testing, commissioning
- As build design documentation for the completed works, manuals and training

Thank you for your attention!

Hristo Grozdev
Chief Engineer, MISP
+381 11 36 90 987
hgrozdev@misp-serbia.rs
www.misp-serbia.rs