



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





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

# ***Master Class for MISP Steering Committee Members***

***Project preparation and programming  
16 - 17 September 2011***

***MUNICIPAL INFRASTRUCTURE SUPPORT  
PROGRAM (MISP)***





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

# ***Transformation of Design Documents into Tender Documentation Ms. Gordana Bajic***



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

## Available/Required Documents before preparation of TD is started

- Feasibility Study Analysis
- Location Permit
- Preliminary Design
- Final Design (in case of “Red Book” tender)
- Documents on Financing/Budgeting
- Relevant Authorities Decision on Implementation





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

# What must be defined before TD preparation startup?

1. The availability of the financing and the Budget frames
2. The needs of the Beneficiary defined in technical parameters and responsive to the Budget,
3. The affordability of the future services by the Beneficiary and the end users
4. The compatibility of the Project to the local, regional and international requirements



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

# The Tender Documents main parts

1. Contractual part – defined by the Legal and Financing definitions (NIP, PRAG, FIDIC)
2. Technical Part – defined by the needs and the scope of Works  
*Technical Specifications for Construction Works and Supply of Equipment. Also design requirements when Design and Build Contract*
3. Cost Break Down part – in form to receive the most competitive Bid which will ensure the best Project results



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

# The influences of the definitions

## A. Substantialy Under or Over estimated Budget

Implementation of infrastructure projects has usually up to 10% contingencies to balance potential budget under estimation/inflation/technical omissions/unforseen circumstances

Experiences with substantialy under estimated budget gives reduced Project results-insuficient services provision. The Contractors being comercial entities are usually misusing such situatuion during implementation and further contribute to the reduction of the project results.

Over budgeting can influence the project results with services which are unafordable by the end users.



An EU funded project  
Projektat finansira Evropska unija

Municipal Infrastructure Support Programme  
●●● Building together for the future

Program podrške razvoju infrastrukture lokalne samouprave  
●●● Gradimo zajedno za budućnost

## B. Definition of the Beneficiary needs

- Insufficient financing sometimes results in compromised definition of the level of services
- Conservative Design preparation can influence under budgeting for the Project
- Over estimated needs –can be influenced by the existing Permit – supporting documents (Urban plans, Water Managment)





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

# Affordability of the services

- The most difficult parameter, based on economic development projections
- Under estimation can lead to implementation of insufficient services level
- Over estimation can lead to unaffordable services which results in long term subsidies or closing of the services



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

# Compatibility of the Project

**The Project has to be compatible to the local, regional and, in many instances, to the international regulations.**

**In some cases, confronting requirements must be solved in TD to avoid problems before and during implementation.**

**Costs of delay are usually on the Project budget expence.**



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

## QUESTIONS AND ASSISTANCE

Gordana Bajić  
+381 63 451 670

[www.misp-serbia.rs](http://www.misp-serbia.rs)

Thank you for your attention!