

Transport Rehabilitation Project

Transport Rehabilitation Project (TRP) was implemented during the period from September 07, 2004, when it became effective, until September 30, 2012. Total financing obtained from the World Bank credit and loan amounted to app. 105 million dollars.

46 procurement procedures were started under the Project and involved 160 bidders. All procurement procedures were implemented in accordance with the World Bank procurement rules.

Under the category of works 16 contracts for pavement rehabilitation-upgrading of 16 sections of main and regional roads throughout Serbia were awarded in the total length of app. 320 km:

Road	Section	Length (km)	Contractor
M-23	Kragujevac – Ravni Gaj, from km 80+954 to km 91+280	10.3	Alpine Bau GmbH
M-23.1	Ravni Gaj – Kraljevo, from km 0+000 to km 33+917.49	33.9	AD Putevi Užice
M-19	Šabac – Zminjak, from km 83+314 to km 104+231	20.9	PZP Beograd AD
M-19	Prnjavor – Loznica, from km 118+949 to km 137+768	18.8	PZP Beograd AD
M-21	Dumača – Koceljeva, from km 68+120 to km 102+105	34.0	JV "Adige Bitumi Impresa – Ingrap Omni"
M-21	Koceljeva – Valjevo, from km 102+105 to km 128+325	26.2	PZP Beograd AD
M-4	Iverak – Čelije, from km 612+334 to km 623+711	11.4	JV PZP Valjevo – Valjevoput
M-4	Kamenica – Valjevo, from km 587+175 to km 602+938	15.8	PZP Valjevo AD
R-101	Obrenovac – Ub, from km 4+251 to km 28+472	24.2	JV PZP Zaječar AD & Inter-kop DOO
M-5	Paraćin – Straža, from km 742+289 to km 756+300 and from km 758+563 to km 766+358	21.8	Consortium PZP Zaječar & Vojvodinaput-Pančevo
M-5	Straža – Boljevac, from km 766+358 to km 789+456	23.1	Consortium PZP Zaječar & Vojvodinaput-Pančevo
M-5	Boljevac – Selište, from km 789+456 to km 807+874	18.4	JV Ratko Mitrović - Niskogradnja DOO & Inter-kop DOO
M-5	Selište – Lubnica, from km 807+874 to km 824+749	16.9	PZP Zaječar AD
R-231	Nova Varoš – Aljinovići (Uvac), from km 01+000 to km 21+044	24.0	AD Putevi Užice
M-7	Kač – Žabalj, from km 52+422 to km 64+656	12.2	Alpine Bau GmbH
M-22.1	Gladnoš – Inđija, from km 147+852 to km 159+750	11.9	Consortium VOJPUT-SMB Gradnja

Contracts for rehabilitation of 3 sections on Paraćin-Zaječar road were realized only after termination of initially awarded contracts and repeated procurement procedures. Following contracts were terminated:

- for the sections Paraćin – Straža and Straža – Boljevac contracts with the contractor Osijek-Koteks dd from Croatia, and
- for the section Boljevac – Selište contract with the contractor PZP Beograd.

Before awarding the contracts for execution of the remaining works on Paraćin – Straža and Straža – Boljevac sections, procurement of the Emergency works was conducted in order to have the pavement brought to a state safe for traffic performance during winter and, at the same time, to enable adequate winter maintenance.

The Project also had a special segment related to improvement of traffic safety through improvement of 6 black spots, which was realized under 2 contracts:

Contract	Contractor
Improvement of Black Spot on Zaječar Bypass, Intersection of Main Roads M-5 and M-25	PZP Zaječar AD
Improvement of 5 "black spots" on state roads in territory of North Banat	JV AD "Vojvodinaput-Zrenjanin" Zrenjanin & DOO "Boja" Sombor

Additionally, new road maintenance principle based on the achieved level of service through realization of the Pilot project of maintenance on app. 1.2000 km of roads in Mačva and Kolubara under two contracts within the category of works was introduced during the period from 2004 to 2008:

Territory	Length (km)	Contractor
Routine and Winter Maintenance of Main and Regional Roads in Mačva District	660	Alpine Mayreder Bau GmbH
Routine and Winter Maintenance of Main and Regional Roads in Kolubara District	517	PZP Beograd

Under the category of goods, the following was procured:

- 130 permanent automatic traffic counters
- 20 mobile traffic counters
- thermal mapping equipment with supporting software
- operating system and software packages for establishment of road data base information system

Within the category of consulting services, in addition to the supervision services and services for establishment of road data base and innovation of road condition data, services for harmonization of relevant technical standards with EU standards were also realized under the Project. Contracts completed under this category were the following:

Contract	Consultant
Consulting Services for Road Data Base	JV "CPV – NIEVELT-Labour"
Consulting Services for Supervision of Road Maintenance and Rehabilitation Works and Environmental Monitoring	Highway Institute AD
Project Financial Audit	Deloitte DOO
Transport Rehabilitation Project Social Aspect Public Opinion Surveying	Stjepan Gredelj
Preparation of ToR for the Consulting service for Innovation/Harmonization of Road Technical Instructions/Guidelines according to EU Standards	Dragan Mihajlović
Preparation of Programme Analyses of State Road Network and Transport Rehabilitation Project Performance Indicators	Nebojša Radović
Consulting Services for Safe Road Design	Swedish National Road Consulting AB
Consulting Services for Supervision of Road Rehabilitation Works and Environmental Monitoring	Roughton International
Innovation/Harmonization of Road Technical Instructions/Guidelines according to EU Standards	DRI upravljanje investicij DOO