
**REPUBLIC OF MOLDOVA
ROAD SECTOR PROGRAM**

STATE ROAD ADMINISTRATION

Minutes of Pre-Tender Meeting

Road Rehabilitation & Construction Works under four Contracts

- **Contract RSPSP/W4/01:**
“Rehabilitation of R1 Chisinau-Ungheni-Sculeni Road km 6+446-km 24+050”
- **Contract RSPSP/W4/02:**
“Rehabilitation of R1 Chisinau-Ungheni-Sculeni Road km 24+050-km 68+250”
- **Contract RSPSP/W4/03:**
“Construction of R1 Ungheni Bypass km 96+200-km 103+913”
- **Contract RSPSP/W4/04:**
*“Rehabilitation of M3 Chisinau-Giurgiulesti Road km 151+200-km 171+290
and km 179+650-km 190+750”*

Chisinau, May 2013



Location: State Road Administration (SRA)
Bucuriei 12A str., MD – 2004/4th floor,
Chişinău, Republic of Moldova

Time: 10:00 AM (local time)

Date: April 29, 2013 - Pre-Tender Meeting and Site Visit to R1 Chisinau-Ungheni road;
April 30, 2013 – Site Visit to M3 Chisinau-Giurgiulesti road;

Attendance:

Client's representatives

Mr. Gheorghe Curmei, Deputy Chief-Manager of SRA;
Mr. Serghei Polisciuc, Head of Investment Department, SRA;
Mr. Ion Ciubotaru, Chief of Procurement Service, SRA;
Mr. Lionel Etherington, International Engineering and Management Consultant,

Representatives of the firms and joint ventures prequalified and invited to submit their tender (s)

The List of Participants filled in and signed by firms' or joint ventures' representatives is attached hereto (See Annex A).

Opening:

Mr. Gheorghe Curmei welcomed all the participants and introduced the SRA' representatives attending the meeting. Further he pointed out to the participants that the event was held in accordance with para 7.4, Section I - Instructions to Tenders, Tender Documents aimed at clarifying issues and answering questions on any matters that may be raised at this stage.

Mr. Ion Ciubotaru started a presentation on preparation of tenders underlining clauses of outmost importance from the Tender Documents such as period of validity of Tenders and Tender Security, the amount of Tender Security required for each contract and requirements to be met for post-qualification stage.

Mr. Lionel Etherington explained in more detail the purpose of the post-qualification stage which precedes awarding the contract(s).

Mr. Serghei Polisciuc continued the presentation on the scope of works for four subject works contracts. He also made a brief overview on the funding sources of the project, governing national law on quality in construction, geometrical parameters of the roads, design and redesign, major structural works and main estimated quantities for the respective works contracts.

Questions and Answers:

Mr. Gheorghe Curmei requested Consultant's representative to address their questions. Participants raised their questions and some of them were further discussed and answered in general lines. Mr. Gheorghe Curmei specified that all questions will be formally answered.

Closing:

At the end, Mr. Gheorghe Curmei thanked representatives of firms and joint ventures for their participation and wished them success in the tendering process.

Clarifications to questions raised on the Tender Documents:

After the pre-Tender meeting and subsequent site visits a considerable number of requests for clarifications from the prospective Tenderers have been received. The Clarifications will be distributed shortly, will become part of the Tender Documents and would be binding on participants.

Amendments to the Tender Documents:

An amendment will be prepared and the deadline for submission of tenders will be extended.

Annexes:

Annex A – List of Participants at the Pre-Tender Meeting;
Annex B – Pre-Proposal Conference Presentation.



ANNEX A

LIST OF PARTICIPANTS AT THE PRE-TENDER MEETING

S.E. "State Road Administration"
Road Sector Program

Pre -Tender Meeting
April 29, 2013, 10:00 a.m. (local time)

PROCUREMENT OF ROAD REHABILITATION AND CONSTRUCTION WORKS
(FOUR CONTRACTS)

Contract RSPSP/W4/01:

"Rehabilitation of R1 Chisinau-Ungheni-Sculeni Road km 6+446-km 24+050"

Contract RSPSP/W4/02:

"Rehabilitation of R1 Chisinau-Ungheni-Sculeni Road km 24+050-km 68+250"



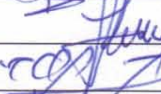
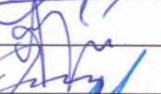



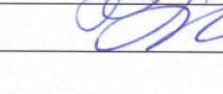
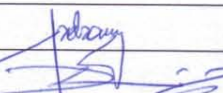
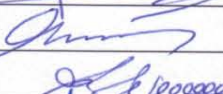
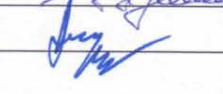


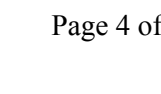

Contract RSPSP/W4/03:

"Construction of R1 Ungheni Bypass km 96+200-km 103+913"

Contract RSPSP/W4/04:

"Rehabilitation of M3 Chisinau-Giurgiulesti Road km 151+200-km 171+290
and km 179+650-km 190+750"

List of Participants

No.	Name	Company	Signature
1	MIRON GABRIELA	S.C. TAXCO INTERNATIONAL	
2	BOSNICA GA DANUT	SHAPIR STRUA	
3	AMANT HADIAN	SC. CAS. SRL	
4	APROBU CONSTANTIN	SC. CAST SRL	
5	Shirinor Mamon	EVROREKON	
6	Isareil Bektesh	EVROREKON	
7	ÖNDER AYDIN	ONUR TAHHUT	
8	Arif MERCANGÖZ	" "	
9	Pitiş Petre	Tel Drum	
10	Neda Florea	Tel Drum	
11	Costache Mirela	Tel Drum	
12	Ignat Verpina	Tel Drum	
13	Mihalechi A.	SRL Rutador	
14	Bizireov Igor	SRL Rutador	
15	Bucur-Bandoc Dan	SRL Rutador	
16	ZEKANY ALEXANDRU	STRABAG AG	
17	DAMIAN CYCON	MSF Ingineria	
18	AHMET ISTEMI	BROEMAR INS.	
19	Vitaliu Vasilescu	"Bodpziac" SRL	
20	RAZVAN DOMITRAC AG	"OHL 2S"	



S.E. "State Road Administration"
Road Sector Program

Pre -Tender Meeting
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Contract RSPSP/W4/04:

"Rehabilitation of M3 Chisinau-Giurgiulesti Road km 151+200-km 171+290
and km 179+650-km 190+750"

List of Participants

No.	Name	Company	Signature
1	Hilmi Tokar	Copri - Kuwait	
2	Igor Bugai	MSF	
3	MEMADIS DALIEV	Complex 52001	
4	Vileinschi Dmitri	"Universinij"	
5	Cocieni Ion	"YU GAR"	
6	MILHETA ALEXANDRE	"YU GAR"	
7	Elser Constantin	"YU GAR"	
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ANNEX B

PRE-TENDER MEETING PRESENTATION

Republic of Moldova

Ministry of Transport and Road Infrastructures



State Road Administration

Road Sector Program Support Project

Road Rehabilitation and Construction Works under four Contracts

Pre-bid meeting

29nd April 2013

SELECTION PROCEDURES

OT (Open Tendering)

EBRD's Procurement Policies and Rules (PP&R)
dated 6 May 2010

www.ebrd.com

FIDIC MDB Harmonised Edition of the Conditions
of Contract for Construction, March 2006

SOURCE OF FUNDING

The Borrower is **Government of the Republic of Moldova.**

- **Contract RSPSP/W4/01**: Rehabilitation of R1 Chisinau-Ungheni-Sculeni road km 6+446-km 24+050 (*funded by EIB*)
- **Contract RSPSP/W4/02**: Rehabilitation of R1 Chisinau- Ungheni-Sculeni road km 24+050-km 68+250 (*funded by EIB*)
- **Contract RSPSP/W4/03**: Construction of R1 Ungheni Bypass km 96+200-km 103+913 (*funded by EC NIF, administered by EBRD*)
- **Contract RSPSP/W4/04**: Rehabilitation of M3 Chisinau Giurgiulesti road km 151+200-km 171+290 and km 179+650-km 190+750 (*funded by EBRD*)

CONTRACT DATA

- Governing Law: **Law of the Republic of Moldova.**
- Ruling language: **English**
- Currencies of Payment: **EURO**
- Rules of arbitration: **UNICTRAL rules**
- Total Advance payment: **15%** of the Accepted Contract Amount
- Adjustment for Changes the Cost: **Not applicable**
- Delay damages for the Works: **0,05%** of the Contract price per day

Tender Security

- Contract **RSPSP/W4/01**: 500.000,00 EURO*
- Contract **RSPSP/W4/02**: 700.000,00 EURO*
- Contract **RSPSP/W4/03**: 200.000,00 EURO*
- Contract **RSPSP/W4/04**: 500.000,00 EURO*

* in form of Demand Guarantees.

The Tender Security of a JVCA shall be in the name of the JVCA that submits the Tender.

SUPERVISION OF CIVIL WORKS

The Engineer will be an international firm of consulting engineers financed from the proceeds of the Bank loan. The engineer will be notified to the successful tenderer prior to the Commencement Date.

The Engineer will carry out the duties of as defined in the **FIDIC MDB Harmonised Edition of the Conditions of Contract for Construction, March 2006.**

SUPERVISION OF CIVIL WORKS

The Works Contract Packages to be supervised are as follows:

Package 1:

- R1 Chisinau-Ungheni-Sculeni Road km 6+446-km 24+050
- R1 Chisinau-Ungheni-Sculeni Road km 24+050-km 68+250
- R1 Ungheni Bypass km 96+200-km 103+913

Package 2:

- M3 Chisinau-Giurgiulesti Road km 151+200-km 171+290 and km 179+650-km 190+750

ENGINEER'S STAFF Package 1

Position	Number	Duration (man-months)
Key Staff	12	315
Team Leader (Engineer)	1	
Deputy Team Leader / Resident Engineer	3	
Materials Engineer	3	
Bridge Engineer	1	
Quantity Surveyors	3	
Environmental Expert	1	
Technical Support Staff	19	450
Road Inspectors	3	
Bridge Inspector	1	
Surveyor	3	
Laboratory Assistant	5	
Designer's Representative	2	
Secretary/Team Assistant	2	
Translator/ Interpreter	2	
Short-term experts		20

ENGINEER'S STAFF Package 2

Position	Number	Duration (man-months)
Key Staff	7	183
Team Leader (Engineer)	1	
Deputy Team Leader / Resident Engineer	1	
Materials Engineer	2	
Quantity Surveyors	2	
Environmental Expert	1	
Technical Support Staff	10	246
Road Inspectors	2	
Bridge Inspector	1	
Surveyor	2	
Laboratory Assistant	2	
Designer's Representative	1	
Secretary/Team Assistant	1	
Translator/ Interpreter	1	
Short-term experts		10

DURATION OF THE CONTRACT

- **24 months** Construction Period activities, counted from the commencement date
- **365 days** Defects Notification Period activities

COMPLIANCE WITH NATIONAL LAW

Law No. 721, dated 2nd February 1996, on Quality in Construction

Construction Authorization:

- Road/Bridge Inspectors – accredited in Moldova as “**Responsabil Tehnic**” – employed by the Engineer
- Site Manager – accredited in Moldova as “Diriginte de Santier” – employed by the Contractor

ROAD MAP, R1 road

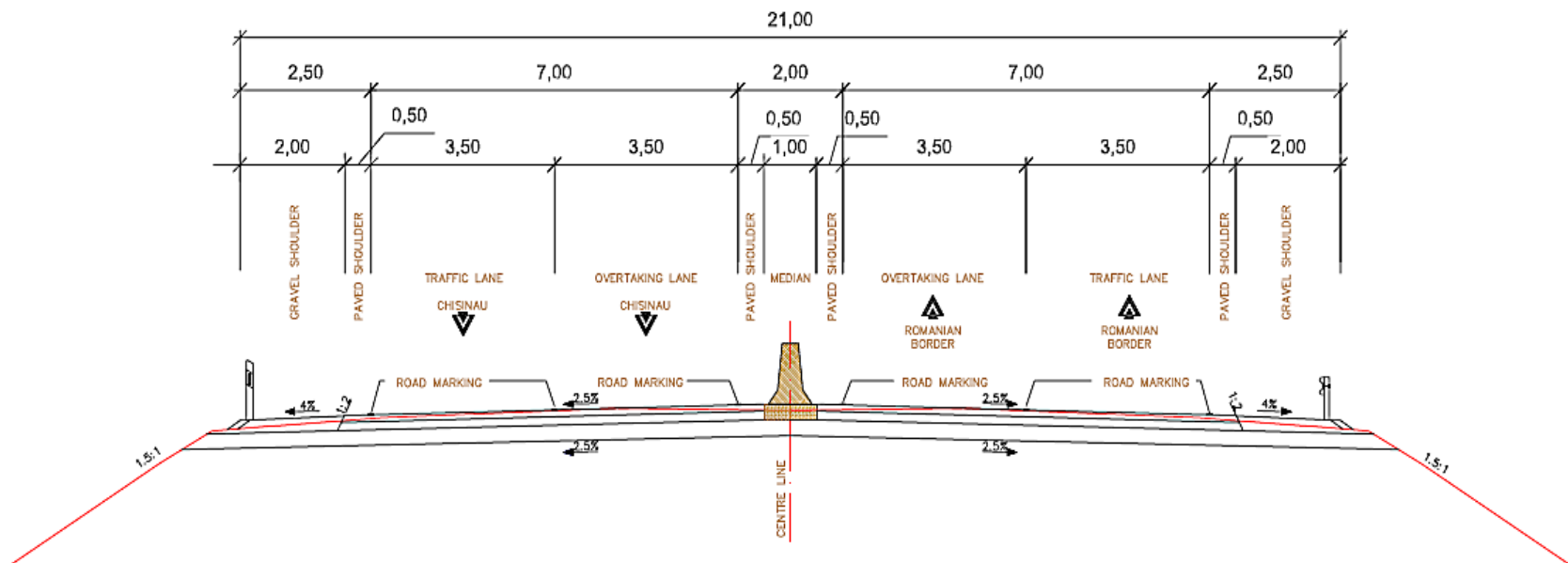


GEOMETRIC PARAMETERS ROAD R1

Contract 1: R1 Chisinau-Ungheni-Sculeni Road km 6+446-km 24+050

TYPICAL CROSS SECTION - 1

SCALE: 1:100



GEOMETRIC PARAMETERS ROAD R1&M3

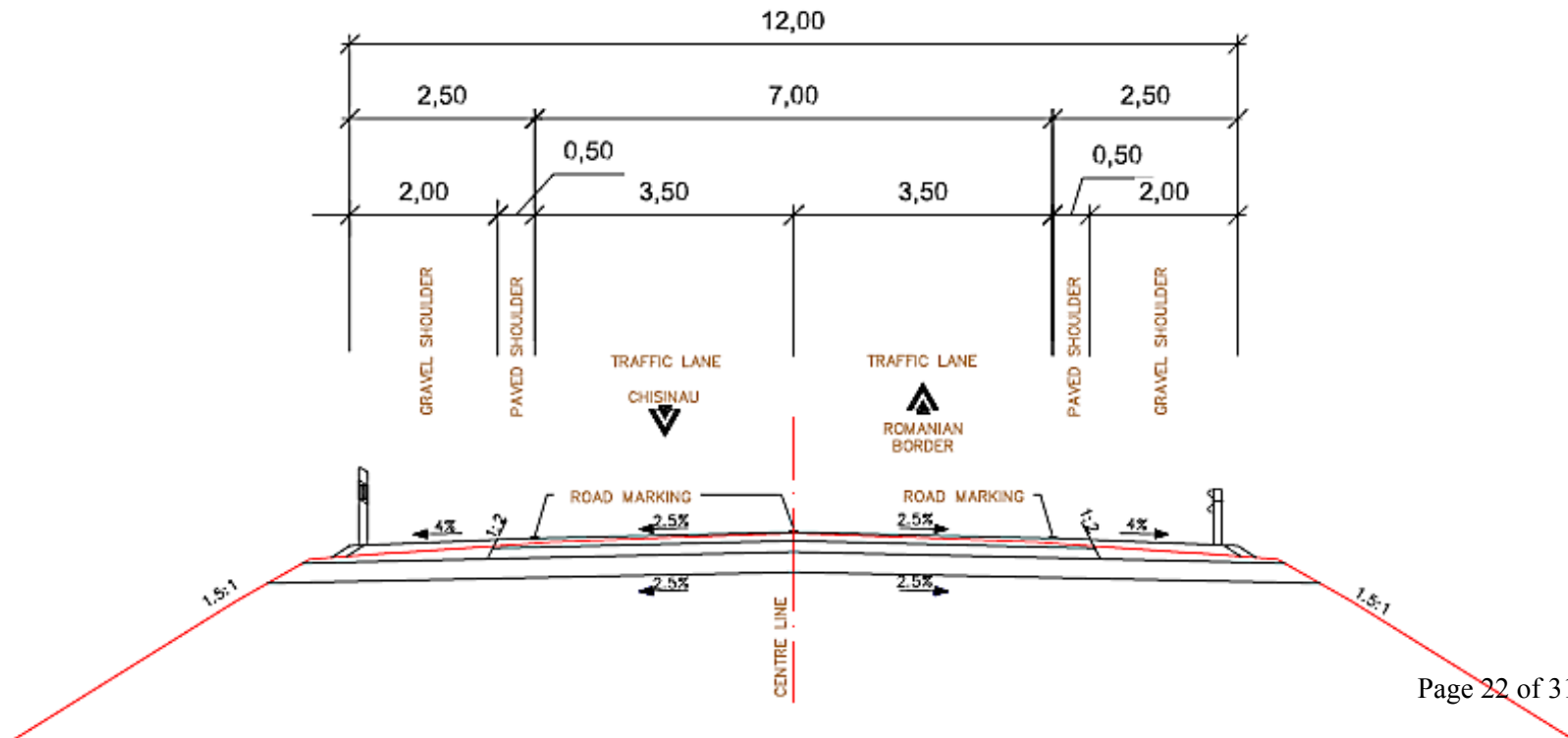
Contract 2: R1 Chisinau-Ungheni-Sculeni Road km 24+050-km 68+250

Contract 3: M3 Chisinau-Giurgiulesti Road km 151+200-km 171+290 and km 179+650-km 190+750

Contract 4: R1 Ungheni Bypass km 96+200-km 103+913

TYPICAL CROSS SECTION - 2

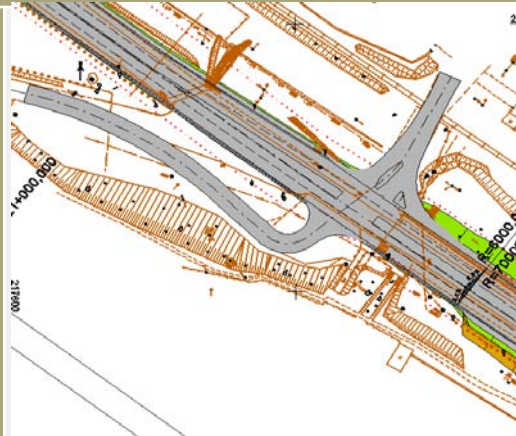
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R1 ROAD - REDESIGNED AND NEW INTERSECTIONS

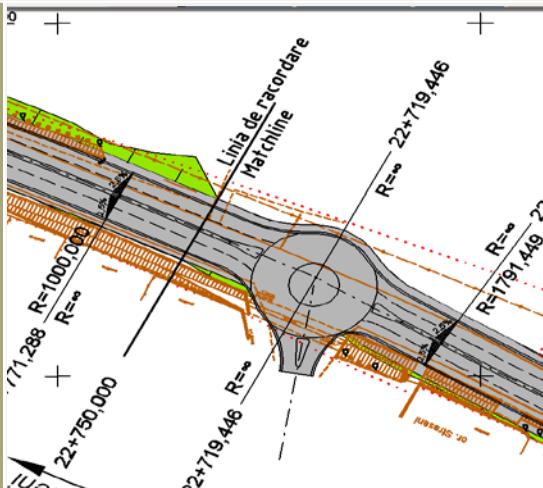
Existing situation	Proposal
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At Km 21+000 - dangerous intersection between the roads R1 & access to Straseni.



Number of lanes	4+1
Lane width [m]	3.50
Carriageway width [m]	17.50

At Km 22+700 – a new roundabout as turning possibility is required.



Number of lanes	2
Lane width [m]	4.00
Carriageway width [m]	9.00
Stones apron width [m]	3.00
Central island radius [m]	12.00

R1 ROAD - REDESIGNED AND NEW INTERSECTIONS

At Km 34+300 – dangerous intersection between the roads R1 & access to Nisporeni.



Number of lanes	2
Lane width [m]	4.00
Carriageway width [m]	9.00
Stones apron width [m]	0.00
Central island radius [m]	36.00

At Km 103+940 – new interchange at the end of Ungheni bypass.



Number of lanes	2
Lane width [m]	3.50
Carriageway width [m]	8.00

M3 ROAD - REDESIGNED AND NEW INTERSECTIONS

Existing situation	Proposal
Km 165+860	
	
Typical "T" intersection with dangerous turning angle. M3 is turning to west	2 lane roundabout with a radius of 25 m.
Km 171+118.	
	
Existing intersection has irregular shape which is not safe for the drivers.	2 lane roundabout with a radius of 41 m.

PAVEMENT STRUCTURE ON R1 ROAD

TYPE		km 6+490 - km 9+000	km 9+000 - km 10+700	km 10+700 - km 21+000	km 21+000 - km 23+700	km 23+700 - km 50+700	km 50+700 - km 96+200	km 96+200 - km 103+940
Rehabilitation Reabilitare	Wearing course Strat de uzură	50	50	50	50	50	50	50
	Binder course Strat de legătură	80	80	80	80	60	60	60
	Milled and reused stabilized pavement Ombrăcămintă rutieră stabilizată, frezată și reutilizată	190	190	190	190	170	150	150
Widening of pavement and hard shoulders Supralărgirea structurii rutiere și consolidarea acostamentelor	Wearing course Strat de uzură	50	50	50	50	50	50	50
	Binder course Strat de legătură	80	80	80	80	60	60	60
	Milled and reused stabilized pavement Ombrăcămintă rutieră stabilizată, frezată și reutilizată	190	190	190	190	170	150	150
	Limestone base layer Strat de bază- calcar	240	240	240	240	230	220	220
	Subbase/ ballast Strat de fundație/ ba last	200	200	200	200	200	200	200
new road sections/Realignments Construcție nouă	Wearing course Strat de uzură	50	50	50	50	50	50	50
	Binder course Strat de legătură	80	80	80	80	60	60	60
	Coated Macadam Mixtură asfaltică	80	80	80	80	80	80	80
	Cement-stabilized base Bază stabilizată cu ciment	240	240	240	240	230	230	230
	Subbase/ ballast Strat de fundație/ ba last	200	200	200	200	200	200	200

PAVEMENT STRUCTURE ON M3 ROAD

TYPE		151+200-171+290 and km 179+650-190+750	
Rehabilitation Reabilitare	Wearing course Strat de uzură	40	40
	Binder course Strat de legătură	60	60
	Milled and reused stabilized pavement Ombrăcămintă rutieră stabilizată, frezată și reutilizată	190	190
Widening of pavement and hard shoulders Supralărgirea structurii rutiere și consolidarea acostamentelor	Wearing course Strat de uzură	40	40
	Binder course Strat de legătură	60	60
	Milled and reused stabilized pavement Ombrăcămintă rutieră stabilizată, frezată și reutilizată	190	190
	Limestone base layer Strat de bază- calcar	220	220
	Subbase/ ballast Strat de fundație/ ba last	100	100
new road sections/Realignments Construcție nouă	Wearing course Strat de uzură	40	40
	Binder course Strat de legătură	60	60
	Coated Macadam Mixtură asfaltică	80	80
	Cement-stabilized base Bază stabilizată cu ciment	220	220
	Subbase/ ballast Strat de fundație/ ba last	150	150

WORKS CONTRACTS DATA for CONTRACT 1

- 233,000 m³ of earthworks;
- 39,575 m³ Cold recycling of the asphalt concrete pavement;
- 287,645 m² Binder course of asphalt concrete M II, thickness 60 – 80 mm;
- 286,481 m² Wearing course of stone mastic asphalt concrete, thickness 50 mm;
- 600 m of pipe culverts in different diameters and box culverts;

WORKS CONTRACTS DATA for CONTRACT 2

- Rehabilitation of 10 bridges;
- 293,000 m³ of earthworks;
- 85,803 m³ Cold recycling of the asphalt concrete pavement;
- 364,444 m² Binder course of asphalt concrete M II, thickness 60 – 80 mm;
- 362,803 m² Wearing course of stone mastic asphalt concrete, thickness 50 mm;
- 1000 m of pipe culverts in different diameters and box culverts.

WORKS CONTRACTS DATA for CONTRACT 3

- Construction of one new bridge (Railway and Road crossing);
- 453,000 m³ of earthworks;
- 74,800 m² Binder course of asphalt concrete M II, thickness 60 mm;
- 74,800 m² Wearing course of stone mastic asphalt concrete, thickness 50 mm;
- Construction of 200 m of pipe culverts in different diameters and box culverts;

WORKS CONTRACTS DATA for CONTRACT 4

- Construction of 1 Bridge;
- Rehabilitation of 2 Bridges;
- 350,000 m³ of earthworks;
- 27,000 m³ cement-stabilized base;
- 36,700 m³ base course from recycled asphalt layers;
- 275,000 m² asphalt concrete binder layers;
- 275,000 m² of Stone Mastic Asphalt Wearing courses;
- 260 m of pipe culverts in different diameters;