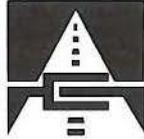


ЈАВНО ПРЕДУЗЕЋЕ  
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VI Ref. No. 404-210/19-18

Date: 12-06-2019

REPUBLIC OF SERBIA  
ROAD REHABILITATION AND SAFETY PROJECT (RRSP)  
EIB Loan No. 82.640

DESIGN AND HEAVY MAINTENANCE WORKS  
(ROAD REHABILITATION-UPGRADING) OF THE STATE ROAD  
IB 21

SECTION: POŽEGA - IVANJICA  
CHAINAGE: FROM KM 209+141.00 TO KM 248+079.38  
LENGTH: 38.938 KM

CONTRACT ID No. RRSP/RRW-IB21PI/2019-03

Pursuant to provisions of the Instruction to Tenderers Clause 8.1, the Public Enterprise "Roads of Serbia" herewith amends the Tender Documents by issuing this

### Addendum 02

In the Tender document, Part1, Section IV, Tender Forms, Schedule of Prices (SoP), herewith is modified as follows:

Instead of:

## SCHEDULES

### Schedule of Prices (SoP)

#### PREAMBLE

1. Schedule of Prices (including this Preamble) shall be read in conjunction with the Instructions to Tenderers, Conditions of Contract, Employer's Requirements, Terms of References (ToR) for preparation of Main Design for Heavy Maintenance (Road Rehabilitation-Upgrading), Specifications and Supplementary Information.
2. The information given in the Schedule of Prices is estimated and provisional, prepared on the basis of Preliminary Design Solution, and is given to provide a common basis for tendering. Unless otherwise agreed by the Parties, payments under this Contract shall not exceed maximal amount offered within this Schedule of Prices.

3. Rates and prices shall be entered for each item as specified in the Schedule of Prices. The cost of items for which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Schedule of Prices.
4. The whole cost of complying with the provisions of the Contract shall be included in the Items provided in the priced Schedule of Prices, and where no Items are provided, the cost shall be deemed to be distributed among the rates and prices entered for similar Items of activities.
5. The rates and prices in the Schedule of Prices shall, except as it may be otherwise provided under the Contract, include all costs of equipment, research work, designing, workmanship, supervision, materials, erection, maintenance, insurance; profit, taxes and duties, together with all general and specific risks, liabilities and obligations set out or implied in the Contract.
6. The activities covered by pay items include provision of machinery and equipment, workmen power, transportation means and materials for performance of all activities in relation to purchase, transport, handling, storage, preparation, surveying, demolition, removal, placement, spreading, incorporation, overlaying, installation, formwork placement, curing, final processing, leveling, correcting, treatment, protection, sampling and testing, etc. fully in accordance with the Specification and Main Design for Heavy Maintenance (Road Rehabilitation-Upgrading) to be prepared by the Contractor. The items for payment of the services of Main Design preparation cover all costs in regards to geodetic and survey work, equipment for performance of such work, costs for performing all works in field, including provision of conditions for work under traffic, costs of the engaged workmanship on all works connected with the performance of the services, office supplies, technical means, etc. both on the site and at the head office of the Tenderer. They also cover provision of conditions, consents, approvals and permits for designing and performance of the works.
7. The rates and prices shall be quoted entirely in the currency of the Employer's country – Serbian dinars (RSD), excluding Value Added Tax (VAT). The VAT (20%) shall be inserted on the Summary page of the Schedule of Prices.
8. As part of the Tender Documents, the Tenderer shall receive the e-form of the Schedule of Prices. In addition to the printed copy, the Tenderer shall submit the completed Schedule of Prices in e-form. No difference in the entered data in these two forms of the Schedule of Prices with prices shall be allowed. In case of difference in the entered data, the printed form of the Schedule of Prices with prices shall be valid.
9. Numeration of pay items in the Schedule of Prices is harmonized with numeration of works items in the Specifications.
10. The Dayworks in the Schedule of Prices comprise "nominal quantities" for engagement of Contractor's Equipment and Employees. Offered rates and prices for Dayworks shall apply as stipulated in the Specifications.
11. The rates for Dayworks pay item shall include the Contractor's profit, risk, overheads, and other charges.
12. General notes and descriptions of work and materials are not necessarily repeated nor summarized in the Schedule of Prices. The Tenderers shall refer to the relevant sections of the Contract Documents and satisfy himself as to the correctness and sufficiency of the rates and prices before entering them against each Item in the priced Schedule of Prices.
13. When the price of the item in the Schedule of Prices is indicated as lump sum (sum), payment according to stages shall be performed through interim payment certificate. Every of those items shall be paid as the percentage of the achieved progress in performance of the works in comparison to the total work defined by the Main Design. In order to provide fair assessment of the achieved progress, the Contractor shall

perform measurements of the executed works on the site, make relevant records (evidences) on the measured quantities and to enter the measured quantities into the measurement book, regardless the fact that the total for payment does not represent a product of the actually completed quantities multiplied with the unit prices.

14. For activities where payments are based on single time basis (sum), the Contractor may invoice the amount only when the activity is fully executed in accordance with Conditions of Contract.
15. For activities where payments are based on monthly basis (monthly), the first payment may be invoiced only when all condition specified in the Conditions of Contract are fulfilled.
16. Provisional sum (PS- sum), included and determined within the Schedule of Prices, shall be partly or completely spent based on the order and discretion right of the Engineer.
17. Any arithmetic errors in computation or summation will be corrected by the Employer according to the provisions set out in the Instructions to Tenderers.

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading) of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### SUMMARY

Main Item Mark	Description	Main Item Total Amount (RSD)
CLASS A	PREPARATION OF MAIN DESIGN	
CLASS 2	GENERAL ITEMS	
CLASS 3	PREPARATORY WORKS	
CLASS 4	SUBSTRUCTURE WORKS	
CLASS 5	IMPROVEMENT OF DRAINAGE SYSTEM	
CLASS 6	SUPERSTRUCTURE WORKS	
CLASS 7	STRUCTURES	
CLASS 8	TRAFFIC SIGNALIZATION AND EQUIPMENT	
CLASS 9	DAYWORKS	

**TENDER PRICE:**  
(carried forward to the Letter of Tender)

**VAT (20%):**

**TOTAL TENDER PRICE:**


*The Tender Price in Words:*

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## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS A: PREPARATION OF MAIN DESIGN

**NOTE:** Main Design have to be prepared in accordance with the First Phase Design, i.e. Preliminary Design Solution and other Design documents, provided on CD attached to Tender Documents, relevant laws and technical regulations of Republic of Serbia, Tender documents (especially with Employer's Requirements and ToR for Design), and generally accepted professional techniques and practices.

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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A. PREPARATION OF MAIN DESIGN					
<b>A.1</b>	<b>Preparation of Main Design for Heavy Maintenance (Road Rehabilitation-Upgrading) of the state road IB21, Section: Section: Požega - Ivanjica, L=38.938 km</b>				
A.1.1	Volume 1: Detailed construction design for heavy road maintenance	1	sum	not to be entered	
A.1.2	Volume 2: Detailed Design for Geodetic Surveying	1	sum	not to be entered	
A.1.3	Volume 3: Study on Engineering, Geological and Geotechnical Surveys	1	sum	not to be entered	
A.1.4	Volume 4: Detailed pavement design	1	sum	not to be entered	
A.1.5	Volume 5: Detailed design for structures	1	sum	not to be entered	
A.1.6	Volume 6: Detailed design of traffic signage	1	sum	not to be entered	
A.1.7	Volume 7: Report on Traffic Safety Analysis	1	sum	not to be entered	
A.1.8	Volume 8: Economic Analysis	1	sum	not to be entered	
<b>PREPARATION OF MAIN DESIGN – TOTAL:</b>					

**TOTAL FOR CLASS A:**

(carried forward to Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 2: GENERAL ITEMS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
<b>2. GENERAL ITEMS</b>					
2.2	Setting Out and Drawings	14	month		
2.3	Temporary Works				
2.3.1	Establishment of Temporary Works	1	sum	not to be entered	
2.3.2	Removal of Temporary Works	1	sum		
2.4	Maintenance and furnishing of the Contractor's premises on the site	14	month		
2.5	Traffic Management on the Site	14	month		
2.6	Quality Assurance Management System (QAMS)				
2.6.1	Establishment of QAMS	1	sum	not to be entered	
2.6.2	Operation and Maintenance of QAMS	14	month		
2.7	Preparation of As Built Drawings	1	sum	not to be entered	
2.8	Provisions for the Engineer				
2.8.1	Offices for the Engineer	1	sum	not to be entered	
2.8.2	Furniture and Office Equipment for the Engineer	1	sum	not to be entered	
2.8.3	Vehicles for the Engineer	1	sum	not to be entered	
2.8.4	Miscellaneous services for the Engineer	14	month		
2.9	Provisional Sums				
2.9.1	Relocation of utilities	1	sum	not to be entered	25,000,000
2.9.2	Additional laboratory testing requested by the Engineer				
2.9.3	Provision of fuel, lubricants, servicing, maintenance and relevant insurance coverage for vehicles for the Engineer				
2.9.4	Payments for the Employer's needs				
2.9.5	Unforeseen Works	1	sum	not to be entered	75,000,000

**GENERAL ITEMS – TOTAL:**

**TOTAL FOR CLASS 2:**

(carried forward to Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 3: PREPARATORY WORKS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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3. PREPARATORY WORKS					
3.2.1	Removal, Demolition, Cuttings, Milling and Repair works on pavement	1	sum	not to be entered	
3.3.1	Relocation of installations and repairs	1	sum	not to be entered	
<b>PREPARATORY WORKS – TOTAL:</b>					

**TOTAL FOR CLASS 3:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 4: SUBSTRUCTURE WORKS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
-----------	-------------	----------	------	------------	-------------------------

<b>4. SUBSTRUCTURE WORKS</b>					
4.1	Excavation	1	sum	not to be entered	
4.2	Foundation formation	1	sum	not to be entered	
4.3	Drainage layers	1	sum	not to be entered	
4.4	Embankment	1	sum	not to be entered	
4.5	Landscaping	1	sum	not to be entered	
<b>SUBSTRUCTURE WORKS - TOTAL:</b>					

**TOTAL FOR CLASS 4:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 5: IMPROVEMENT OF DRAINAGE SYSTEM

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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<b>5. IMPROVEMENT WORKS ON OF DRAINAGE SYSTEM</b>					
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5.1	Drainage works	1	sum	not to be entered	
5.2	Hydrotechnical works	1	sum	not to be entered	

**IMPROVEMENT WORKS ON OF DRAINAGE SYSTEM – TOTAL:**

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**TOTAL FOR CLASS 5:**

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(carried forward to  
Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 6: SUPERSTRUCTURE WORKS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
-----------	-------------	----------	------	------------	-------------------------

6. SUPERSTRUCTURE WORKS					
6.1	Unbound layers	1	sum	not to be entered	
6.2	Bituminous bound courses	1	sum	not to be entered	
6.3	Hydraulically bound courses	1	sum	not to be entered	
6.4	Tiles	1	sum	not to be entered	
6.5	Curb elements	1	sum	not to be entered	
<b>SUPERSTRUCTURE WORKS – TOTAL:</b>					

**TOTAL FOR CLASS 6:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 7: STRUCTURES

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
-----------	-------------	----------	------	------------	-------------------------

<b>7. STRUCTURES</b>					
<b>7.1</b>	<b>Bridges</b>				
7.1.1	Overpass over railway – M1	1	sum	not to be entered	
7.1.2	Bridge over an unnamed stream	1	sum	not to be entered	
7.1.3	Bridge over river Rzav	1	sum	not to be entered	
7.1.4	Bridge over river Grabovica	1	sum	not to be entered	
<b>7.2</b>	<b>Culverts</b>				
7.2.1	Pipe Culverts (72 pcs)	1	sum	not to be entered	
7.2.1	Box Culverts (22 pcs)	1	sum	not to be entered	
7.3	Retaining walls (34 walls)	1	sum	not to be entered	
7.4	Landslides (approx. 2 locations)	1	sum	not to be entered	
7.5	Slope protection (approx.. 4 locations)	1	sum	not to be entered	

**WORKS ON STRUCTURES – TOTAL:**

**TOTAL FOR CLASS 7:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 8: TRAFFIC SIGNALIZATION AND EQUIPMENT

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
<b>8. TRAFFIC SIGNALIZATION AND EQUIPMENT</b>					
8.1	Traffic signs				
8.1.1.	Standard traffic signs				
8.1.1.1	Standard traffic signs II class	1	sum	not to be entered	
8.1.1.2	Standard traffic signs III class	1	sum	not to be entered	
8.1.2	Traffic boards				
8.1.2.1	Traffic boards I Class	1	sum	not to be entered	
8.1.2.1	Traffic boards II Class	1	sum	not to be entered	
8.1.2.1	Traffic boards III Class	1	sum	not to be entered	
8.1.3	Variable message signs	1	sum	not to be entered	
8.1.4	Supporting structures				
8.1.4.1	Tubular post	1	sum	not to be entered	
8.1.4.2	Lattice post	1	sum	not to be entered	
8.1.4.2	Portals	1	sum	not to be entered	
8.1.4	Foundations	1	sum	not to be entered	
8.2	Road markings				
8.2.1	Road markings thin layer	1	sum	not to be entered	
8.2.2	Road markings thick layer - plastic mixtures	1	sum	not to be entered	
8.2.3	Road markers	1	sum	not to be entered	
8.3	Light signalization	1	sum	not to be entered	
8.4	Traffic safety equipment				
8.4.1	Traffic mirror	1	sum	not to be entered	
8.4.1	Safety barriers	1	sum	not to be entered	
8.5	Other traffic equipment and signalization	1	sum	not to be entered	
8.6	Dismantling works of existing equipment	1	sum	not to be entered	
<b>WORKS TRAFFIC SIGNALIZATION AND EQUIPMENT – TOTAL:</b>					

**TOTAL FOR CLASS 8:**

(carried forward to Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 9: DAYWORKS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
-----------	-------------	----------	------	------------	-------------------------

<b>D1 ENGAGEMENT OF EQUIPMENTS</b>					
D1.1	Asphalt milling equipment	20	h		
D1.2	Asphalt paver working width 2.5 - 5.0 m	20	h		
D1.3	Vibrating roller min. weight 5 t	20	h		
D1.4	Vibrating roller min. weight 8 t	20	h		
D1.5	Rubber tire roller min weight 11 t	20	h		
D1.6	Emulsion distributor	10	h		
D1.7	Cold Recycling equipment	40	h		
D1.8	Truck, capacity 25 - 30 t	20	h		
D1.9	Truck, capacity 6 -12 m <sup>3</sup>	50	h		
D1.10	Grader	20	h		
D1.11	Excavator, min capacity 1.5 m <sup>3</sup>	50	h		
D1.12	Bulldozer, min power 150 HP	20	h		
D1.13	Wheeled loader, min capacity 1.5 m <sup>3</sup>	30	h		
D1.14	Auto-mixer for concrete, Qmin = 5m <sup>3</sup>	30	h		
D1.15	Concrete pump	30	h		
D1.16	Road marking equipment	20	h		
<b>D1 – TOTAL:</b>					

<b>D2 ENGAGEMENT OF LABOURS</b>					
D2.1	Unskilled labor	300	h		
D2.2	Skilled labor	150	h		
D2.3	Technician	100	h		
D2.4	Engineer	100	h		
D2.5	Surveyor	100	h		
D2.6	Designer	100	h		
<b>D2 – TOTAL:</b>					

**TOTAL FOR CLASS 9 DAYWORKS(D1+D2):**

(carried forward to  
Summary)

The following shall read:

## SCHEDULES

### Schedule of Prices (SoP)

#### PREAMBLE

1. Schedule of Prices (including this Preamble) shall be read in conjunction with the Instructions to Tenderers, Conditions of Contract, Employer's Requirements, Preliminary Design Solution, Terms of References (ToR) for preparation of Main Design for Heavy Maintenance (Road Rehabilitation-Upgrading), and other documents from Supplementary Information.
2. The information given in the Schedule of Prices is estimated and provisional, prepared on the basis of Preliminary Design Solution, and is given to provide a common basis for tendering. Unless otherwise agreed by the Parties, payments under this Contract shall not exceed maximal amount offered within this Schedule of Prices.
3. Rates and prices shall be entered for each item as specified in the Schedule of Prices. The cost of items for which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Schedule of Prices.
4. The whole cost of complying with the provisions of the Contract shall be included in the Items provided in the priced Schedule of Prices, and where no Items are provided, the cost shall be deemed to be distributed among the rates and prices entered for similar Items of activities.
5. The rates and prices in the Schedule of Prices shall, except as it may be otherwise provided under the Contract, include all costs of equipment, research work, designing, workmanship, supervision, materials, erection, maintenance, insurance; profit, taxes and duties, together with all general and specific risks, liabilities and obligations set out or implied in the Contract.
6. The activities covered by pay items include provision of machinery and equipment, workmen power, transportation means and materials for performance of all activities in relation to purchase, transport, handling, storage, preparation, surveying, demolition, removal, placement, spreading, incorporation, overlaying, installation, formwork placement, curing, final processing, leveling, correcting, treatment, protection, sampling and testing, etc. fully in accordance with the Specification and Main Design for Heavy Maintenance (Road Rehabilitation-Upgrading) to be prepared by the Contractor. The items for payment of the services of Main Design preparation cover all costs in regards to geodetic and survey work, equipment for performance of such work, costs for performing all works in field, including provision of conditions for work under traffic, costs of the engaged workmanship on all works connected with the performance of the services, office supplies, technical means, etc. both on the site and at the head office of the Tenderer. They also cover provision of conditions, consents, approvals and permits for designing and performance of the works.
7. The rates and prices shall be quoted entirely in the currency of the Employer's country – Serbian dinars (RSD), excluding Value Added Tax (VAT). The VAT (20%) shall be inserted on the Summary page of the Schedule of Prices.
8. Numeration of pay items in the Schedule of Prices is harmonized with numeration of works items in the Specifications.

9. The Dayworks in the Schedule of Prices comprise "nominal quantities" for engagement of Contractor's Equipment and Employees. Offered rates and prices for Dayworks shall apply as stipulated in the Specifications.
10. The rates for Dayworks pay item shall include the Contractor's profit, risk, overheads, and other charges.
11. General notes and descriptions of work and materials are not necessarily repeated nor summarized in the Schedule of Prices. The Tenderers shall refer to the relevant sections of the Contract Documents and satisfy himself as to the correctness and sufficiency of the rates and prices before entering them against each Item in the priced Schedule of Prices.
12. When the price of the item in the Schedule of Prices is indicated as lump sum (sum), payment according to stages shall be performed through interim payment certificate. Every of those items shall be paid as the percentage of the achieved progress in performance of the works in comparison to the total work defined by the Main Design. In order to provide fair assessment of the achieved progress, the Contractor shall perform measurements of the executed works on the site, make relevant records (evidences) on the measured quantities and to enter the measured quantities into the measurement book, regardless the fact that the total for payment does not represent a product of the actually completed quantities multiplied with the unit prices.
13. For activities where payments are based on single time basis (sum), the Contractor may invoice the amount only when the activity is fully executed in accordance with Conditions of Contract.
14. For activities where payments are based on monthly basis (monthly), the first payment may be invoiced only when all condition specified in the Conditions of Contract are fulfilled.
15. Provisional sum (PS- sum), included and determined within the Schedule of Prices, shall be partly or completely spent based on the order and discretion right of the Engineer.
16. Any arithmetic errors in computation or summation will be corrected by the Employer according to the provisions set out in the Instructions to Tenderers.

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading) of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### SUMMARY

Main Item Mark	Description	Main Item Total Amount (RSD)
CLASS A	PREPARATION OF MAIN DESIGN	
CLASS 2	GENERAL ITEMS	
CLASS 3	PREPARATORY WORKS	
CLASS 4	WORKS ON SUBSTRUCTURE	
CLASS 5	WORKS ON DRAINAGE SYSTEM IMPROVEMENT	
CLASS 6	WORKS ON SUPERSTRUCTURE	
CLASS 7	WORKS ON STRUCTURES	
CLASS 8	WORKS ON TRAFFIC SIGNALIZATION AND EQUIPMENT	
CLASS 9	DAYWORKS	
CLASS B	ITEMS SUGGESTED BY THE CONTRACTOR	

**TENDER PRICE:**  
(carried forward to the Letter of Tender)

**VAT (20%):**

**TOTAL TENDER PRICE:**


*The Tender Price in Words:*

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## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS A: PREPARATION OF MAIN DESIGN

**NOTE:** Main Design have to be prepared in accordance with the First Phase Design, i.e. Preliminary Design Solution and other Design documents, provided on CD attached to Tender Documents, relevant laws and technical regulations of Republic of Serbia, Tender documents (especially with Employer's Requirements and ToR for Design), and generally accepted professional techniques and practices.

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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#### A. Preparation of Main Design

A.1	Preparation of Main Design for Heavy Maintenance in accordance with TOR for Design		sum	not to be entered	
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**PREPARATION OF MAIN DESIGN – TOTAL:**

**TOTAL FOR CLASS A:**

(carried forward to Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 2: GENERAL ITEMS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
<b>2. GENERAL ITEMS</b>					
2.2	Setting Out and Drawings	14	month		
2.3	Temporary Works				
2.3.1	Establishment of Temporary Works	1	sum	not to be entered	
2.3.2	Removal of Temporary Works	1	sum	not to be entered	
2.4	Maintenance and furnishing of the Contractor's premises on the site	14	month		
2.5	Traffic Management on the Site	14	month		
2.6	Quality Assurance Management System (QAMS)				
2.6.1	Establishment of QAMS	1	sum	not to be entered	
2.6.2	Operation and Maintenance of QAMS	14	month		
2.7	Preparation of As Built Drawings	1	sum	not to be entered	
2.8	Provisions for the Engineer				
2.8.1	Offices for the Engineer	1	sum	not to be entered	
2.8.2	Furniture and Office Equipment for the Engineer	1	sum	not to be entered	
2.8.3	Vehicles for the Engineer	1	sum	not to be entered	
2.8.4	Miscellaneous services for the Engineer	14	month		
2.9	Provisional Sums				
2.9.1	Relocation of utilities	1	sum	not to be entered	25,000,000
2.9.2	Additional laboratory testing requested by the Engineer				
2.9.3	Provision of fuel, lubricants, servicing, maintenance and relevant insurance coverage for vehicles for the Engineer				
2.9.4	Payments for the Employer's needs				
2.9.5	Unforeseen Works	1	sum	not to be entered	75,000,000

**GENERAL ITEMS – TOTAL:**

**TOTAL FOR CLASS 2:**

(carried forward to Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 3: PREPARATORY WORKS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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3. PREPARATORY WORKS					
3.2.1	Works on pavement repair, including removal, demolition, Cuttings and Milling	1	sum	not to be entered	
<b>PREPARATORY WORKS – TOTAL:</b>					

**TOTAL FOR CLASS 3:**

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(carried forward to  
Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 4: WORKS ON SUBSTRUCTURE

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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4. SUBSTRUCTURE WORKS					
4.1	Excavation works	1	sum	not to be entered	
4.2	Works on Foundation formation	1	sum	not to be entered	
4.3	Construction of Drainage layers	1	sum	not to be entered	
4.4	Construction of Embankment	1	sum	not to be entered	
4.5	Works on Landscaping	1	sum	not to be entered	
<b>WORKS ON SUBSTRUCTURE - TOTAL:</b>					

**TOTAL FOR CLASS 4:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 5: WORKS ON DRAINAGE SYSTEM IMPROVEMENT

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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#### 5. IMPROVEMENT WORKS ON OF DRAINAGE SYSTEM

5.1	Works on Drainage System	1	sum	not to be entered	
5.2	Works on Hydrotechnical System	1	sum	not to be entered	

**WORKS ON DRAINAGE SYSTEM IMPROVEMENT – TOTAL:**

**TOTAL FOR CLASS 5:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km

### CLASS 6: WORKS ON SUPERSTRUCTURE

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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#### 6. SUPERSTRUCTURE WORKS

6.1	Construction of crushed stone unbound layers	1	sum	not to be entered	
6.2	Construction of Bituminous base courses	1	sum	not to be entered	
6.3	Construction of Wearing courses	1	sum	not to be entered	
6.4	Construction of Hydraulically bound courses	1	sum	not to be entered	
6.5	Construction of side walks	1	sum	not to be entered	
6.6	Construction of linear Curb elements	1	sum	not to be entered	
<b>WORKS ON SUPERSTRUCTURE – TOTAL:</b>					

**TOTAL FOR CLASS 6:**

(carried forward to  
Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 7: WORKS ON STRUCTURES

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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<b>7. STRUCTURES</b>					
<b>7.1</b>	<b>Works on Bridges rehabilitation</b>				
7.1.1	Rehabilitation works on Overpass over railway – M1	1	sum	not to be entered	
7.1.2	Rehabilitation works on Bridge over an unnamed stream	1	sum	not to be entered	
7.1.3	Rehabilitation works on Bridge over river Rzav	1	sum	not to be entered	
7.1.4	Rehabilitation works on Bridge over river Grabovica	1	sum	not to be entered	
7.1.5	Rehabilitation works on Bridge over river Panjica	1	sum	not to be entered	
<b>7.2</b>	<b>Works on Culvert rehabilitation</b>				
7.2.1	Works on Pipe Culverts	1	sum	not to be entered	
7.2.1	Works on Box Culverts	1	sum	not to be entered	
<b>7.3</b>	<b>Construction of Retaining Structures</b>				
7.3.1	Construction of Concrete Walls	1	sum	not to be entered	
7.3.2	Construction of Gabion Walls	1	sum	not to be entered	
7.4	Works on Landslide protection	1	sum	not to be entered	
7.5	Works on Slope protection	1	sum	not to be entered	
<b>WORKS ON STRUCTURES – TOTAL:</b>					

**TOTAL FOR CLASS 7:**

(carried forward to Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 8: WORKS ON TRAFFIC SIGNALIZATION AND EQUIPMENT

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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8. TRAFFIC SIGNALIZATION AND EQUIPMENT					
8.1	Installation of Traffic signs	1	sum	not to be entered	
8.2	Works on Road markings	1	sum	not to be entered	
8.3	Installation of Light signalization	1	sum	not to be entered	
8.4	Installation of Guard rails and other safety barriers.	1	sum	not to be entered	
8.5	Installation of Other traffic equipment and signalization	1	sum	not to be entered	
8.6	Works on Dismantling of existing equipment	1	sum	not to be entered	
<b>WORKS TRAFFIC SIGNALIZATION AND EQUIPMENT – TOTAL:</b>					

**TOTAL FOR CLASS 8:**

(carried forward to Summary)

## SCHEDULE OF PRICES

**Design and Heavy Maintenance Works (Road Rehabilitation-Upgrading)  
of the state road IB 21, Section: Požega - Ivanjica, L=38.938 km**

### CLASS 9: DAYWORKS

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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<b>D1 ENGAGEMENT OF EQUIPMENTS</b>					
D1.1	Asphalt milling equipment	20	h		
D1.2	Asphalt paver working width 2.5 - 5.0 m	20	h		
D1.3	Vibrating roller min. weight 5 t	20	h		
D1.4	Vibrating roller min. weight 8 t	20	h		
D1.5	Rubber tire roller min weight 11 t	20	h		
D1.6	Emulsion distributor	10	h		
D1.7	Truck, capacity 25 - 30 t	20	h		
D1.8	Truck, capacity 6 -12 m <sup>3</sup>	50	h		
D1.9	Grader	20	h		
D1.10	Excavator, min capacity 1.5 m <sup>3</sup>	50	h		
D1.11	Bulldozer, min power 150 HP	20	h		
D1.12	Wheeled loader, min capacity 1.5 m <sup>3</sup>	30	h		
D1.13	Auto-mixer for concrete, Qmin = 5m <sup>3</sup>	30	h		
D1.14	Concrete pump	30	h		
D1.15	Road marking equipment	20	h		
<b>D1 – TOTAL:</b>					

<b>D2 ENGAGEMENT OF LABOURS</b>					
D2.1	Unskilled labor	300	h		
D2.2	Skilled labor	150	h		
D2.3	Technician	100	h		
D2.4	Engineer	100	h		
D2.5	Surveyor	100	h		
D2.6	Designer	100	h		
<b>D2 – TOTAL:</b>					

**TOTAL FOR CLASS 9 DAYWORKS(D1+D2):**

(carried forward to  
Summary)

## CLASS B: ITEMS SUGGESTED BY THE CONTRACTOR

Item Mark	Description	Quantity	Unit	Rate (RSD)	Total Item Amount (RSD)
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**NOTE:**

The Tenderer enters the amounts for the items on Heavy Maintenance based on its own assessment of work during the phase of bid preparation that HAVE NOT BEEN specified within the Employer's Requirements of the Tender Documents. The Tenderer shall not enter the items that represent an alternative solution compared to the Employer's Requirements. If the Tenderer does not include any of the following items it shall be regarded that the amounts presented in forms for Classes 3 to 8 and Class A, represent the full amount sufficient to comply fully with the Employer's Requirements. If the Tenderer includes any of the following items, it shall be regarded that the amounts for classes 3 to 8 and Class A, together with the amounts for following items represent the total amount sufficient to comply fully with the Employer's Requirements.

The Tenderer may propose the items B1.1, B1. n, and B2.1, B2. n, and provide description of those activities and the total price for implementation of those activities.

If the Tenderer believes that for successful realization of the Contract it is necessary to offer more than a number of items presented in the table below, the Tenderer may extend the table to the number of items which it finds satisfactory.

The payment of the amount shall be according to the dynamics of payments defined by the Contract and approved by the Employer.

**B.1 ITEMS ON DESIGN PREPARATION**

B.1.1	1	sum	not to be entered	
B.1.2	1	sum	not to be entered	
B.1.3	1	sum	not to be entered	
<b>B.1 – TOTAL:</b>				

**B.2 ITEMS ON WORKS EXECUTION**

B.2.1	1	sum	not to be entered	
B.2.2	1	sum	not to be entered	
B.2.3	1	sum	not to be entered	
B.2.4	1	sum	not to be entered	
B.2.5	1	sum	not to be entered	
B.2.6	1	sum	not to be entered	
B.2.7	1	sum	not to be entered	
B.2.8	1	sum	not to be entered	
B.2.9	1	sum	not to be entered	
B.2.10	1	sum	not to be entered	
<b>B.2 – TOTAL:</b>				

**TOTAL FOR ITEMS SUGGESTED BY THE CONTRACTOR:**

In the Tender document, Part2, Section VI Requirements, Specifications, Item 1.6 Key Personnel, Main Designer, herewith is modified as follows:

*Instead of:*

### **Main Designer**

The Contractor shall assign the Main Designer, a person who shall be responsible for the organization, performance and control of the Main Design preparation.

Main Designer shall:

- 1) organize all activities for collection of fundament data, conditions, agreements, opinions and other documents requested by the Specification and the ToR;
- 2) plan and organize execution of all necessary surveys;
- 3) organize and synchronize work of responsible designers, their teams and other staff engaged on preparation of design documents;
- 4) cooperate with technical control and Employer's Contract and Design representative

Main Designer shall possess relevant license for the prime contractor in accordance with the Law on planning and construction.

The following shall read:

### **Main Designer**

The Contractor shall assign the Main Designer, a person who shall be responsible for the organization, performance and control of the Main Design preparation.

Main Designer shall:

- 1) organize all activities for collection of fundament data, conditions, agreements, opinions and other documents requested by the Specification and the ToR;
- 2) plan and organize execution of all necessary surveys;
- 3) organize and synchronize work of responsible designers, their teams and other staff engaged on preparation of design documents;
- 4) cooperate with technical control and Employer's Contract and Design representative

Main Designer shall possess relevant license for the prime Designer in accordance with the Law on planning and construction.

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All other provisions of the issued Tender Documents not amended/modified by this Addendum 02 remain unchanged and in full effect.

PUBLIC ENTERPRISE "ROADS OF SERBIA"

**Project Coordinator**

*2 Subotica*  
Gordana Subotički-Đorđević, dipl-ing (C.E.)