

RSPSP/W4/03 Construction of Ungheni Bypass
Agreed measurable milestones to ensure EU grant availability - Status at 7 July 2017

Milestone	Date	Responsible	Means of verification	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	REMARKS
1.1 Submission of Construction Drawings for Bridge Works, justifications, BoQ, structural calculations, manufacturers details, breakdown of new rates.	21-Nov-16	Contractor	Handed over to Employer	◆												SRA's letter 08-09/130/26.01.2017 Item closed
1.2 Approval of Construction Drawings for bridge verified by State Expertize	31-Dec-16	Employer	Handed over to Contractor		◆											Contractor's letter 1894/03.04.2017 Item closed
1.3 Pile foundation for the bridge, based on stamped and verified drawings, weather permitting: Completion of 50% of pile foundation for the bridge, Completion of 100% of pile foundations for bridge	30-Nov 2016 31-Dec 2016	Contractor	Engineer's verification		◆	◆										Engineer's letter 1383/22.11.2016 Engineer's letter 1404/30.11.2016 Item closed
1.4 Road works, weather permitting Cappling Layer (km cumulative) Cement Stabilised base course (km cumulative) Coated macadam (km cumulative) Binder Layer (km cumulative)	15-Dec 2016 15-Dec 2016	Contractor	Engineer's verification						◆	◆	◆	◆	◆	◆	◆	ballast=3000 m stabilised ballast=850 m macadam=150 m binder=0 wearing=0
2. Stock piles of materials for the main items of works to be established for: a) embankments fill, on site or in contractor's borrow pit sufficient for remaining works 130,000 m ³	21-Nov-16	Contractor	Engineer's verification	◆												Engineer's letter 1384/22.11.2017 Item closed
b) ballast sufficient for: 2 days production 4 days production	30-Nov 2016 31-Dec 2016 31-Jan 2017	Contractor	Supplies to commence immediately and increase progressively to the target quantity by March 2017		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Contractor's letter 1966/02.05.2017
c) cement stabilised base course sufficient for: 3 days production	31-Dec 2016 31-Jan 2017	Contractor				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	The Engineer sent a reminder under letter 1644/25.04.2017 and letter 1685/15.05.2017
d) coated macadam sufficient for: 3.5 days production	28-Feb 2017 31-Mar 2017	Contractor				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	The Engineer sent a reminder under letter 1644/25.04.2017 and letter 1685/15.05.2017
e) binder sufficient for 6 days production:	31-Mar-17	Contractor				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	The Engineer sent a reminder under letter 1644/25.04.2017 and letter 1685/15.05.2018
f) wearing course sufficient for 4 days production:	31-Mar-17	Contractor				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	The Engineer sent a reminder under letter 1644/25.04.2017 and letter 1685/15.05.2019
3. Construction Drawings for road works stamped and verified by State Expertize	30-Nov-16	Employer		Handed over to Contractor	◆											
4.1 Submission of Variation Order road works	30-Nov-16	Engineer	Handed over to Employer	◆												Engineer's letter 1402/29.11.2016 Engineer's letter 1513/23.02.2017 Item closed
4.2 Approval of Variation Order road works	31-Dec-16	Employer/ EBRD	Handed over to Contractor		◆											Approved in principle, formal letter is awaited from SRA SRA to submit to EBRD for their approval
5.1 Submission of Variation Order Utilities	30-Nov-16	Engineer	Handed over to Employer	◆												Engineer's letter 1408/30.11.2016 Item closed
5.2 Approval of Variation Order Utilities	31-Dec-16	Employer/ EBRD	Handed over to Contractor		◆											Agreed in principle (OHL submitted detailed breakdown for new rates on 11.05.2017 and the Engineer sent to SRA his evaluation under letter 1830/06.07.2017) This issue does not affect the Contractor to work SRA's letter 08-10/2871/11.11.2016 Item closed
6.1 Employer's response regarding appointment of DB sole member	15-Nov-16	Employer	Handed over to Contractor	◆												DB appointed Item closed
6.2 Appointment of DB sole member	31-Dec-16	Employer/ Contractor	DB agreement		◆											Contractor's representative approved by the Engineer under letter 1684/12.05.2017, subject to receive delegation of authority
7. Replacement and reinforcing of the Contractor's project management. New organizational scheme. Including replacement of Project Manager, Site Manager, Quality Manager, Dirigente de Santier (in accordance with the Moldovan Construction Law)	01-Jan-17	Contractor	CVs, Confirmed presence on site		◆											Engineer's letter 1414/02.12.2016 Engineer's letter 1440/20.12.2016 Item closed
8. Engineer's Claim evaluation reports pursuant to 20.1	31-Dec-16	Engineer	Handed over to Employer and Contractor	◆												Engineer's letter 1379/17.11.2016 Engineer's letter 1380/17.11.2016 Item closed
9. Mix designs for cement stabilized base, coated macadam	21-Nov-16	Contractor	Approved by the Engineer	◆												Engineer's letter 1379/17.11.2016 Engineer's letter 1380/17.11.2016 Item closed
10. Mix designs for binder and wearing course	31-Mar-17	Contractor	Approved by the Engineer					◆	◆	◆	◆	◆	◆	◆	◆	Engineer's letters 1813 and 1814 dated 3 July 2017
11. Mobilization of additional equipment, personnel and pavement laying team or subcontractor, 1 paver, 2 stell compactor, 1 pneumatic	01-Jan-17	Contractor	Submission of proposal					◆	◆	◆	◆	◆	◆	◆	◆	Bigstrom approved as subcontractor for 2 km (km 96-km98) of road works under Engineer's letter 1761/14.06.2017 Rutador approved as subcontractor for 4 km (km98-km102) of road works under Engineer's letter 1760/014.06.2017
	31-Mar-17	Contractor	Evidence of presence on site					◆	◆	◆	◆	◆	◆	◆	◆	
12. Progress of works, per attached Contractor's revised work programme	Monthly	Contractor	IPS issued	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	AIPC no.6 sent under letter 2085/20.06.2017 IPC no.6 sent under letter 1804/28.06.2017
13. Completion of works	31-Oct-17	Contractor	Taking over certificate												◆	

- main milestone ◆
- interim milestone ◆
- milestone achieved ■
- milestone not achieved ■

Agreed by

Employer _____ Date _____ Contractor _____ Date _____
 Engineer Veaceslav Teleman _____ Date _____ Moises Louredo _____
 Adrian Scriciu _____