

Part 2 – Work Requirements

Section VIIC - Drawings

Specifications

See separate sections of Volume II:

*Section VIIA - General Specification covering the requirements amongst others for
Materials and Testing*

*Section VIIB - Particular Specifications including Scope, Specification for (I) Performance-
Based Routine Maintenance Works, (II) Initial Maintenance Works and
(III) Emergency Works*

Section VIIC - Drawings

*Appendix 1 - Guidelines for a Code of Conduct and Action Plan to prevent Gender-Based
Violence (GBV) and Violence Against Children (VAC)*

Drawings

1. Strip maps for Initial Maintenance Works on Road No. 1225

Road No. 1225 (B. Homesavang - B. Khounnomnoy), total length 8.2 Km, Phongsali district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 0+000 - km 2+500)																			
				0+000		0+500		1+000		1+500		2+000		2+500									
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading		12500																			
3	222	Reshaping the road, incl. ditches	m ²																				
4	223	Regravelling	m ³	750																			
5	133	Clearing of culverts	No.	1						1												1	
6	311	Removing of landslides	m ³			150																	
7	431	Construction of new culvert, dia 100 cm	m																				8

Road No. 1225 (B. Homesavang - B. Khounnomnoy), total length 8.2 Km, Phongsali district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 2+500 - km 5+000)																			
				2+500		3+000		3+500		4+000		4+500		5+000									
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading		12500																			
3	222	Reshaping the road, incl. ditches	m ²																				
4	223	Regravelling	m ³	750																			
5	133	Clearing of culverts	No.			1																	
6	311	Removing of landslides	m ³																				150
7																							

Road No. 1225 (B. Homesavang - B. Khounnomnoy), total length 8.2 Km, Phongsali district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)											
				5+000	5+500	6+000	6+500	7+000	7+500						
1	132	Clearing of ditches by machine	m												
2	121	Heavy grading		12500											
3	222	Reshaping the road, incl. ditches	m ²												
4	223	Regravelling	m ³	750											
5	133	Clearing of culverts	No.												
6	311	Removing of landslides	m ³												
7															

Road No. 1225 (B. Homesavang - B. Khounnomnoy), total length 8.2 Km, Phongsali district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)											
				7+500	8+000	8+200									
1	132	Clearing of ditches by machine	m												
2	121	Heavy grading		3500											
3	222	Reshaping the road, incl. ditches	m ²												
4	223	Regravelling	m ³	450											
5	133	Clearing of culverts	No.												
6	311	Removing of landslides	m ³												
7															

2. Strip maps for Initial Maintenance Works on Road No. 1465

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 0+000 - km 2+500)										
				0+000	0+500	1+000	1+500	2+000	2+500					
1	132	Clearing of ditches by machine	m							750				
2	121	Heavy grading						1250						
3	125	Spot filling						375						
4	222	Reshaping the road, incl. ditches	m ²											
5	223	Regravelling	m ³											
6	133	Clearing of culverts	No.		1				1					1
7	311	Removing of landslides	m ³											
8	412-1	Exavation of Unsuitable Material	m ³											

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 2+500 - km 5+000)										
				2+500	3+000	3+500	4+000	4+500	5+000					
1	132	Clearing of ditches by machine	m							750				
2	121	Heavy grading						1250						
3	125	Spot filling						375						
4	222	Reshaping the road, incl. ditches	m ²											
5	223	Regravelling	m ³											
6	133	Clearing of culverts	No.							1				1
7	311	Removing of landslides	m ³											
8	412-1	Exavation of Unsuitable Material	m ³											

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)												
				5+000		5+500		6+000		6+500		7+000	7+500			
1	132	Clearing of ditches by machine	m									750				
2	121	Heavy grading						1250								
3	125	Spot filling						375								
4	222	Reshaping the road, incl. ditches	m ²													
5	223	Regravelling	m ³													
6	133	Clearing of culverts	No.								1				1	
7	311	Removing of landslides	m ³													
8	412-1	Exavation of Unsuitable Material	m ³													

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 7+500 - km 10+000)												
				7+500		8+000		8+500		9+000		9+500	10+000			
1	132	Clearing of ditches by machine	m									750				
2	121	Heavy grading						1250								
3	125	Spot filling						375								
4	222	Reshaping the road, incl. ditches	m ²													
5	223	Regravelling	m ³													
6	133	Clearing of culverts	No.								1					
7	311	Removing of landslides	m ³													
8	412-1	Exavation of Unsuitable Material	m ³													

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 10+000 - km 12+500)											
				10+000	10+500	11+000	11+500	12+000	12+500						
1	132	Clearing of ditches by machine	m		750										
2	121	Heavy grading					1250								
3	125	Spot filling					375								
3	222	Reshaping the road, incl. ditches	m ²												
4	223	Regravelling	m ³												
5	133	Clearing of culverts	No.	1							1				
6	311	Removing of landslides	m ³												
7	412-1	Exavation of Unsuitable Material	m ³												

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 12+500 - km15+000)											
				12+500	13+000	13+500	14+000	14+500	15+000						
1	132	Clearing of ditches by machine	m							750					
2	121	Heavy grading					1250								
3	125	Spot filling					375								
4	222	Reshaping the road, incl. ditches	m ²												
5	223	Regravelling	m ³												
6	133	Clearing of culverts	No.			1						1			
7	311	Removing of landslides	m ³												
8	412-1	Exavation of Unsuitable Material	m ³												

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 15+000 - km 17+500)														
				15+000		15+500				16+000			16+500			17+000		17+500
1	132	Clearing of ditches by machine	m															
2	121	Heavy grading																
3	125	Spot filling																
4	222	Reshaping the road, incl. ditches	m ²										12500					
5	223	Regravelling	m ³										2062.5					
6	133	Clearing of culverts	No.														1	
7	311	Removing of landslides	m ³															
8	412-1	Exavation of Unsuitable Material	m ³															

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)														
				17+500		18+000				18+500			19+000			19+500		20+000
1	132	Clearing of ditches by machine	m															
2	121	Heavy grading																
3	125	Spot filling																
4	222	Reshaping the road, incl. ditches	m ²										12500					
5	223	Regravelling	m ³										2062.5					
6	133	Clearing of culverts	No.	1													1	
7	311	Removing of landslides	m ³															
8	412-1	Exavation of Unsuitable Material	m ³															

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 20+000 - km22+500)										
				20+000	20+500	21+000	21+500	22+000	22+500					
1	132	Clearing of ditches by machine	m									500		
2	121	Heavy grading		1250										
3	125	Spot filling		375										
4	222	Reshaping the road, incl. ditches	m ²											
5	223	Regravelling	m ³											
6	133	Clearing of culverts	No.			1						1		
7	311	Removing of landslides	m ³											
8	412-1	Exavation of Unsuitable Material	m ³											

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 22+500 - km24+400)										
				22+500	23+000	23+500	24+000	24+400						
1	132	Clearing of ditches by machine	m			500								
2	121	Heavy grading		1250										
3	125	Spot filling		375										
4	222	Reshaping the road, incl. ditches	m ²											
5	223	Regravelling	m ³											
6	133	Clearing of culverts	No.	1				1						
7	311	Removing of landslides	m ³											
8	412-1	Exavation of Unsuitable Material	m ³											

3. Strip maps for Initial Maintenance Works on Road No. 1235

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 0+000 - km 2+500)													
				0+000	0+500	1+000	1+500	2+000	2+500								
1	132	Clearing of ditches by machine	m									1000					
2	121	Heavy grading															
3	125	Spot filling															
4	222	Reshaping the road, incl. ditches	m ²					10000									
5	223	Regravelling	m ³					1000									
6	133	Clearing of culverts	No.														
7	311	Removing of landslides	m ³														
8	412-1	Exavation of Unsuitable Material	m ³														

Road No. 1465 (B. Namor - B. Longnai), total length 24.4 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 2+500 - km 5+000)													
				2+500	3+000	3+500	4+000	4+500	5+000								
1	132	Clearing of ditches by machine	m														
2	121	Heavy grading															
3	125	Spot filling															
4	222	Reshaping the road, incl. ditches	m ²					11500									
5	223	Regravelling	m ³					1000									
6	133	Clearing of culverts	No.							1			1			1	
7	311	Removing of landslides	m ³														
8	412-1	Exavation of Unsuitable Material	m ³														

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)														
				5+000		5+500		6+000		6+500		7+000		7+500				
1	132	Clearing of ditches by machine	m										1000					
2	121	Heavy grading																
3	125	Spot filling																
4	222	Reshaping the road, incl. ditches	m ²						12500									
5	223	Regravelling	m ³						400									
6	133	Clearing of culverts	No.	1			1			1			1			1		1
7	311	Removing of landslides	m ³															
8	412-1	Exavation of Unsuitable Material	m ³															

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 7+500 - km 10+000)														
				7+500		8+000		8+500		9+000		9+500		10+000				
1	132	Clearing of ditches by machine	m															
2	121	Heavy grading																
3	125	Spot filling							1500									
4	222	Reshaping the road, incl. ditches	m ²						12500									
5	223	Regravelling	m ³															
6	133	Clearing of culverts	No.				1			1		1			1			1
7	311	Removing of landslides	m ³															
8	412-1	Exavation of Unsuitable Material	m ³															

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 10+000 - km 12+500)																			
				10+000		10+500		11+000		11+500		12+000		12+500									
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading																					
3	125	Spot filling							1500														
4	222	Reshaping the road, incl. ditches	m ²						12500														
5	223	Regravelling	m ³																				
6	133	Clearing of culverts	No.	1				1						1						1			
7	311	Removing of landslides	m ³																				
8	412-1	Exavation of Unsuitable Material	m ³																				

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 12+500 - km15+000)																			
				12+500		13+000		13+500		14+000		14+500		15+000									
1	132	Clearing of ditches by machine	m									850											
2	121	Heavy grading																					
3	125	Spot filling							1500														
4	222	Reshaping the road, incl. ditches	m ²						12500														
5	223	Regravelling	m ³																				
6	133	Clearing of culverts	No.				1				1			1									
7	311	Removing of landslides	m ³																				
8	412-1	Exavation of Unsuitable Material	m ³																				

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 15+000 - km 17+500)											
				15+000	15+500	16+000	16+500	17+000	17+500						
1	132	Clearing of ditches by machine	m			750									
2	121	Heavy grading													
3	125	Spot filling					1500								
3	222	Reshaping the road, incl. ditches	m ²				12500								
4	223	Regravelling	m ³												
5	133	Clearing of culverts	No.									1			1
6	311	Removing of landslides	m ³												
7	412-1	Exavation of Unsuitable Material	m ³												

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)											
				17+500	18+000	18+500	19+000	19+500	20+000						
1	132	Clearing of ditches by machine	m			1000									
2	121	Heavy grading													
3	125	Spot filling					950								
4	222	Reshaping the road, incl. ditches	m ²				12500								
5	223	Regravelling	m ³												
6	133	Clearing of culverts	No.	1		1		1		1				1	
7	311	Removing of landslides	m ³												
8	412-1	Exavation of Unsuitable Material	m ³												

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 20+000 - km22+500)													
				20+000		20+500		21+000		21+500		22+000		22+500			
1	132	Clearing of ditches by machine	m										1000				
2	121	Heavy grading															
3	125	Spot filling						750									
4	222	Reshaping the road, incl. ditches	m ²					1250									
5	223	Regravelling	m ³														
6	133	Clearing of culverts	No.		1			1			1			1			
7	311	Removing of landslides	m ³														
8	412-1	Exavation of Unsuitable Material	m ³														

Road No. 1235 (B. Bounyao - B. Nammarng), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 22+500 - km24+400)													
				22+500		23+000		23+500		24+000		24+500		25+000			
1	132	Clearing of ditches by machine	m														
2	121	Heavy grading															
3	125	Spot filling						750									
4	222	Reshaping the road, incl. ditches	m ²					1250									
5	223	Regravelling	m ³														
6	133	Clearing of culverts	No.		1			1			1			1			
7	311	Removing of landslides	m ³														
8	412-1	Exavation of Unsuitable Material	m ³														
9	422	Raising/restoring of road embankment	m ³							400							

4. *Strip maps for Initial Maintenance Works on Road No. 1466*

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 0+000 - km 2+500)																
				0+000	0+500	1+000	1+500	2+000	2+500											
1	132	Clearing of ditches by machine	m																	
2	121	Heavy grading																		
3	125	Spot filling						500												
4	222	Reshaping the road, incl. ditches	m ²					15000												
5	223	Regravelling	m ³																	
6	133	Clearing of culverts	No.		1															
7	311	Removing of landslides	m ³																	
8	412-1	Exavation of Unsuitable Material	m ³																	

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 2+500 - km 5+000)																
				2+500	3+000	3+500	4+000	4+500	5+000											
1	132	Clearing of ditches by machine	m																	
2	121	Heavy grading																		
3	125	Spot filling						500												
4	222	Reshaping the road, incl. ditches	m ²					15000												
5	223	Regravelling	m ³																	
6	133	Clearing of culverts	No.			1		1		1		1		1		1		1		1
7	311	Removing of landslides	m ³																	
8	412-1	Exavation of Unsuitable Material	m ³																	

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)																			
				5+000		5+500		6+000		6+500		7+000		7+500									
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading																					
3	125	Spot filling							500														
4	222	Reshaping the road, incl. ditches	m ²						15000														
5	223	Regravelling	m ³																				
6	133	Clearing of culverts	No.	1		1		1		1		1		1		1		1		1		1	
7	311	Removing of landslides	m ³																				
8	412-1	Exavation of Unsuitable Material	m ³																				

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 7+500 - km 10+000)																			
				7+500		8+000		8+500		9+000		9+500		10+000									
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading																					
3	125	Spot filling							500														
4	222	Reshaping the road, incl. ditches	m ²						15000														
5	223	Regravelling	m ³																				
6	133	Clearing of culverts	No.	1		1			1		1		1		1		1		1		1		1
7	311	Removing of landslides	m ³																				
8	412-1	Exavation of Unsuitable Material	m ³																				

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 10+000 - km 12+500)																
				10+000	10+500	11+000	11+500	12+000	12+500											
1	132	Clearing of ditches by machine	m																	
2	121	Heavy grading																		
3	125	Spot filling						500												
4	222	Reshaping the road, incl. ditches	m ²					15000												
5	223	Regravelling	m ³																	
6	133	Clearing of culverts	No.	1		1			1			1			1				1	
7	311	Removing of landslides	m ³																	
8	412-1	Exavation of Unsuitable Material	m ³																	

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 12+500 - km15+000)																
				12+500	13+000	13+500	14+000	14+500	15+000											
1	132	Clearing of ditches by machine	m																	
2	121	Heavy grading																		
3	125	Spot filling						850												
4	222	Reshaping the road, incl. ditches	m ²					15000												
5	223	Regravelling	m ³																	
6	133	Clearing of culverts	No.																	
7	311	Removing of landslides	m ³																	
8	412-1	Exavation of Unsuitable Material	m ³																	

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,																		
Item	MAC	Description	Unit	Ch. (km 15+000 - km 17+500)														
				15+000			15+500			16+000			16+500			17+000		
1	132	Clearing of ditches by machine	m															
2	121	Heavy grading																
3	125	Spot filling								950								
4	222	Reshaping the road, incl. ditches	m ²							12600								
5	223	Regravelling	m ³															
6	133	Clearing of culverts	No.														1	
7	311	Removing of landslides	m ³															
8	412-1	Exavation of Unsuitable Material	m ³															

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,																		
Item	MAC	Description	Unit	Ch. (km 5+000 - km 7+500)														
				17+500			18+000			18+500			19+000			19+500		
1	132	Clearing of ditches by machine	m															
2	121	Heavy grading																
3	125	Spot filling								950								
4	222	Reshaping the road, incl. ditches	m ²							15000								
5	223	Regravelling	m ³															
6	133	Clearing of culverts	No.															
7	311	Removing of landslides	m ³															
8	412-1	Exavation of Unsuitable Material	m ³															

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 20+000 - km22+500)																			
				20+000			20+500			21+000			21+500			22+000			22+500				
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading																					
3	125	Spot filling																					
4	222	Reshaping the road, incl. ditches	m ²																				
5	223	Regravelling	m ³																				
6	133	Clearing of culverts	No.																				
7	311	Removing of landslides	m ³																				
8	412-1	Exavation of Unsuitable Material	m ³																				

Road No. 1466 (B. Samphanxay - B. Phoukhor), total length 25 Km, Bountai district, Phongsali province,

Item	MAC	Description	Unit	Ch. (km 22+500 - km24+400)																			
				22+500			23+000			23+500			24+000			24+500			25+300				
1	132	Clearing of ditches by machine	m																				
2	121	Heavy grading																					
3	125	Spot filling																					
4	222	Reshaping the road, incl. ditches	m ²																				
5	223	Regravelling	m ³																				
6	133	Clearing of culverts	No.																				
7	311	Removing of landslides	m ³																				
8	412-1	Exavation of Unsuitable Material	m ³																				
9	422	Raising/restoring of road embankment	m ³																				

Supplementary Information

The attached map shown the locations of candidate roads included in the contract