

MILESTONE WORK PLAN FOR RUNWAY RESURFACING AND EXTENSION AND OTHER ANCIALLARY WORKS AT BUMTHANG DOMESTIC AIRPORT

WBS	Task Name	Unit	Qty	2022																							
				Jan				Feb				Mar				Apr				May				Jun			
				Mnth 1				Mnth2				Mnth 3				Mnth 4				Mnth 5				Mnth 6			
				W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4
1	Resurfacing and other development works at BDA																										
1.1	Mobilisation																										
1.1.1	Site establishment																										
1.1.1.1	Site Laboratory	nos	1				0.5		1																		
1.1.1.2	Site office	nos	1				1																				
1.1.1.3	Site stores	nos	1				1																				
1.1.1.4	Workers' camps	nos	1				1																				
1.1.1.5	Plants installation and testing	nos	1								0.6		1														
1.1.2	Raw Materials																										
1.1.2.1	Gabion walls and fencing																										
1.1.2.1.1	Cement	bags	2730				0.3				0.6				1												
1.1.2.1.2	Sand	cum	355				0.3				0.6				1												
1.1.2.1.3	Aggregates	cum	500				0.3				0.6				1												
1.1.2.1.4	Boulders	cum	11678				0.3				0.6				0.9		1										
1.1.2.1.5	Steel members	kgs					0.5				1																
1.1.2.1.6	Concertina coils	kgs	4950				0.5				0.9		1														
1.1.2.1.7	Barbed wires	mts	32530				0.5				0.9		1														
1.1.2.1.8	Chain linked fencing	sqm	3632				0.5				0.9		1														
1.1.2.1.9	GI double knotted mesh(gabion boxes)	sqm	16860				0.5				0.9		1														
1.1.2.1.10	GI chainlink mesh(gabion boxes)	sqm	9450				0.5				0.9		1														
1.1.2.2	Bitumen works																										
1.1.2.2.1	Aggregates	cum	6870				0.1				0.3				0.5									0.9		1	
1.1.2.2.2	Sand	cum	3885				0.1				0.3				0.5									0.9		1	
1.1.2.2.3	Bitumen	tonne	810				0.1				0.3				0.7									1			
1.1.2.2.4	Cement	bags	10615												0.5									1			
1.1.3	Testing																										
1.1.3.1	Bitumen														0.5												
1.1.3.2	JMF														1												
1.2	Fencing and Gabion wall																										
1.2.1	New Gabion wall with fencing on top including toe banking	mts	760								0.4				0.8									1			
1.2.2	Toe banking in existing Gabion walls	mts	1600																				0.5		0.7		
1.2.3	Realignment of fencing(new)	mts	1150												0.5								1				
1.2.4	Demolition of existing fencing	mts	330																				0.5		1		
1.3	Existing Runway with extension including apron																										
1.3.1	Jungle clearing(extension)										1																
1.3.2	Earthwork in excavation in extended area full width	mts	650								0.5				1												
1.3.3	Embanking works over full length including side strips of existing runway	mts	1600								0.3				0.6									1			

1.3.4	Preparation of sub grade(extension) full width	mts	650					0.5		1					
1.3.5	Providing and Laying GSB(extension) full width	cum	3500							1					
1.3.6	Providing and Laying wet mix macadam(extension) full width	cum	3100						0.5	1					
1.3.7	Trial Patch/run incl all preparatory works							1							
1.3.8	Laying of SDAC over full length including existing runway and apron full width	cum	3700							1					
1.3.9	Laying of DAC over full length, full width including existing runway and apron	cum	2620									1			
1.3.10	Pavement connecting terminal to apron including all finishing works full width	mts	50										0.5	1	
				MILESTONE 1	MILESTONE 2	MILESTONE 3	MILESTONE 4	MILESTONE 5	MILESTONE 6	MILESTONE 7	MILESTONE 8				

Note:- The numbers on the bars represent the total percentage to be completed at that particular time.