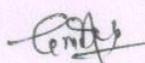


S. No.	Activity Name	Time limit (Year/m onths)	Budget Proposal (Amount in Crores)		
			2016-17	2017-18	2018-19
1st Phase					
1	Diversion of Forest land	1 year	2.00	3.00	-
2	Private land acquisition	3 months	11.87	-	-
3	Shifting of Megha Highway & Budh Mandawar Road	2 years	-	10.00	11.62
4	Shifting of Police Station, building with lower and upper sub-ordinate residential Qtrs.	1.5 year	-	4.41	1.00
5	Shifting of Electric towers (HT pylons)	3 months	16.91	-	-
6	Shifting of Electric Lines with GSS	3 months	5.00	-	-
7	Construction of Boundary wall	1.5 year	-	6.11	2.00
8	Extension of Air Strip up to length of 2350 meters.	1 year	-	33.46	-
9	Compensation of trees and other structures in private land	3 months	4.00	-	-
Total			39.78	56.98	14.62
2nd Phase					
1	Extension of Air Strip from 2350 Mtr to 3000 Mtr.	2 years 3 months	-	-	22.58
2	Construction of Terminal, workshop, staff quarters, fuel filling station	2 years 3 months	-	-	15.28
3	LS provision for solar system, water harvesting, structures etc.	2 years 3 months	-	-	7.64
4	Construction of boundary wall	2 years 3 months	-	-	3.06
5	Provision of drainage of airstrip, construction of apron, electric facility, hangar etc.	2 years 3 months	-	3.00	6.17
Total			0.00	3.00	54.73


 A. P. W. D.
 Jhalawar

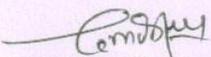

 S. P. W. D. J. W. R.
 9/11/17

FORECAST ESTIMATE OF ROAD

1	Name of Road	:-	Const. of Air Port at Kolana Jhalawar (Phase-I)	
(A)	Length in Km.	:-	2350 mtr (7500 feet) Existing length of air strip is 1710 mtr out of which 640 mtr length to be upgrade (Phase-I) and effective runway is 2350 mtr.	
(B)	Off toke point/Km.	:-		
(C)	Obligatory point with population	:-	Jhalawar	
(D)	Classification VR/ODR/MDR/SHW/NHW	:-		
2	Name of constituency with	:-	Jhalrapatan/Jhalawar	
3	P.W.D. Division	:-	Jhalawar	
4	P.W.D. Circle	:-	Jhalawar	
5	P.W.D. Region	:-	Kota	
6	Type of Terrain	:-	Plain	
7	C.B.R. value of Sub-grade (Tested /as per soil	:-	8 to 10	
8	Traffic Intensity	:-		
A	Observed on.	:-		
B	Anticipated after years.	:-		
9	Crust thickness as per above CBR/anticipated traffic intensity.	:-	82 Cm.	
10	Sub grade	:-	Cost per Km.	
A	Earth work	:-		
	Jungle clearance	:-	3600 x 400 =	144.00 Hect.
			@ 11800.00 P. Hect.	16.99
	E.W. trans.		1000 x (60 + 66)/2 x 1.50 =	94500.00 Cum
			@ 150.00 P. Cum.	141.75
	E.W. Berms		2.00 x 2350 x (7.50 + 9.00)/2 x 0.80 =	31020.00 Cum
			@ 150.00 P. Cum.	46.53
	Widening of formation		2.00 x 1700 x 10.00 x 0.90 =	30600.00 Cum
			@ 150.00 P. Cum.	45.90
A	Sub-base 20 Cm. GSB (Crushable)	:-	1000 x 45.00 x 0.38 =	17100.00 Cum
		:-	1700 x 15.00 x 0.38 =	9690.00 Cum
	Dumble			800.00 Cum
				27590.00 Cum
			@ 1052.00 P. Cum.	290.25
B	WMM 25 Cm.	:-	1200 x 45.00 x 0.25 =	13500.00 Cum
	Dumble		1150 x 15.00 x 0.25 =	4312.50 Cum
				600.00 Cum
				18412.50 Cum
			@ 1200.00 P. Cum.	220.95

C	PRIMER COAT	:-	1200 x 45.00 =	54000.00 Sqm	
			1150 x 15.00 =	17250.00 Sqm	
	Dumble			<u>1000.00</u> Sqm	
				72250.00 Sqm	
			@ 40.00 P. Sqm.		28.90
D	Tack Coat	:-	1500 x 45.00 =	67500.00 Sqm	
			850 x 15.00 =	12750.00 Sqm	
	Dumble			<u>1000.00</u> Sqm	
				81250.00 Cum	
			@ 17.00 P. Sqm.		13.81
E	DBM	:-	1500 x 45.00 x 0.14 =	9450.00 Cum	
			850 x 15.00 x 0.14 =	1785.00 Cum	
	Dumble			<u>80.00</u> Cum	
				11315.00 Cum	
			@ 10000.00 P. Cum.		1131.50
E	BC	:-	1500 x 45.00 x 0.05 =	3375.00 Cum	
			850 x 15.00 x 0.05 =	637.50 Cum	
	Dumble			<u>30.00</u> Cum	
				4042.50 Cum	
			@ 12000.00 P. Cum.		485.10
11	Centre line	:-		6000.00 Sqm.	
			@ 900.00 P. Cum.		54.00
12	Boundary wall 8' height with 3' ht Barbed wire fencing	:-		6000.00 RM	
			@ 10000.00 P. Rm.		600.00
13	Provision for shifting of Budh Mandawar road	:-			200.00
14	Shifting of Baran Jhalawar road Mega Highway	:-	3.50 Km. @ 400 Lacs per Km.		1400.00
15	Provision for shifting of Police station building with Lower & Upper subordinate Qtr.				400.00
				Total	5075.68
	Add: 3.00%Contingencies and Supervision Charges.	:-			152.27
	Add: 1% for quality control	:-			50.76
				Total	5278.71
	Add:-13%Prorata Charges	:-			686.23
				Total	5964.94
	Add: for escalation 15.00% on BSR 2013	:-			894.74
	Land acquisition Land width proposed	:-	20.00 Hect.		
			@ 3000000 P. Hect.		1187.00

16	Compensation of trees and other structures in private land to be acquired		400.00
17	Provision for shifting of G.S.S. :- with electric lines		500.00
		@ 1052.00 P. Cum.	0.00
18	Provision for shifting of electric tower (HT Pylons)		1691.00
19	Provision for diversion of forest land		500.00
G. Total			11137.68
Say			111.38 Crores


 Assistant Engineer
 P.W.D. Sub Dn. II Jhalawar

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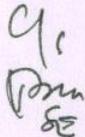
Executive Engineer
 PWD Dn. Jhalawar

FORECAST ESTIMATE OF ROAD

1	Name of Road	:-	Const. of Air Port at Kolana Jhalawar (Phase-II)	
(A)	Length in Km.	:-	2350 mtr (7500 feet) to 3000 mtr (effective runway length 2350 mtr to 3000 mtr)	
(B)	Off take point/Km.	:-		
(C)	Obligatory point with population	:-	Jhalawar	
(D)	Classification	:-		
	VR/ODR/MDR/SHW/NHW			
2	Name of constituency with	:-	Jhalrapatan/Jhalawar	
3	P.W.D. Division	:-	Jhalawar	
4	P.W.D. Circle	:-	Jhalawar	
5	P.W.D. Region	:-	Kota	
6	Type of Terrain	:-	Plain	
7	C.B.R. value of Sub-grade (Tested /as per soil	:-	8 to 10	
8	Traffic Intensity	:-		
A	Observed on.	:-		
B	Anticipated after years.	:-		
9	Crust thickness as per above CBR/anticipated traffic intensity.	:-	52.50 Cm.	
10	Sub grade	:-	Cost per Km.	
A	Earth work	:-		
	Jungle clearance	:-	1100 x 400 =	44.00 Hect.
			@ 11800.00 P. Hect.	5.19
	E.W. trans.	:-	1100 x (60 + 66)/2 x 1.50 =	103950.00 Cum
			@ 150.00 P. Cum.	155.93
	E.W. Berms	:-	2.00 x 1100 x (7.50 + 9.00)/2 x 0.80 =	14520.00 Cum
			@ 150.00 P. Cum.	21.78
A	Sub-base 20 Cm. GSB (Crushable) Dumble	:-	1000 x 45.00 x 0.38 =	17100.00 Cum
				800.00 Cum
				17900.00 Cum
			@ 1052.00 P. Cum.	188.31
B	WMM 25 Cm. Dumble	:-	1000 x 45.00 x 0.25 =	11250.00 Cum
				600.00 Cum
				11850.00 Cum
			@ 1200.00 P. Cum.	142.20
C	PRIMER COAT Dumble	:-	1000 x 45.00 =	45000.00 Sqm
				1000.00 Sqm
				46000.00 Sqm
			@ 40.00 P. Sqm.	18.40

D	Tack Coat Dumble	:-	1000 x 45.00 =	45000.00 Sqm <u>1000.00 Sqm</u> 46000.00 Cum	7.82
			@ 17.00 P. Sqm.		
E	DBM Dumble	:-	1000 x 45.00 x 0.14 =	6300.00 Cum <u>80.00 Cum</u> 6380.00 Cum	638.00
			@ 10000.00 P. Cum.		
E	BC Dumble	:-	1000 x 45.00 x 0.05 =	2250.00 Cum <u>30.00 Cum</u> 2280.00 Cum	273.60
			@ 12000.00 P. Cum.		
11	Centre line	:-		3000.00 Sqm.	27.00
			@ 900.00 P. Cum.		
12	Boundary wall 8' height with 3' ht Barbed wire fencing	:-		2000.00 RM	200.00
			@ 10000.00 P. Rm.		
13	L.S. Provision for construcion of terminal station, staff Qtr, Work shop, fuel filling station	:-			1000.00
			@ 1052.00 P. Cum.		0.00
14	L.S. Provision for staff Qtrs, solar system, water harvesting structure etc.	:-			500.00
16	L.S. Provision for Drainage of air strip, construcion of apron, electric facility, hengar ect.	:-			600.00
					3778.23
	Add: 3.00%Contingencies and Supervision Charges.	:-			113.35
	Add: 1% for quality control	:-			37.78
				Total	3929.35
	Add:-13%Prorata Charges	:-			510.82
				Total	4440.17
	Add: for escalation 30.00% on BSR 2013	:-			1332.05
				G. Total	5772.22
				Say	57.73 Crore


 Assistant Engineer
 P.W.D. Sub Dn. II Jhalawar


 Executive Engineer
 PWD Dn. Jhalawar

Executive Engineer
 PWD Dn. Jhalawar