Name of Work: Construction of road From Kota to Pator RJ-22-01/5054/RR/Plan/2017-18

Rates:- Rates are based on Road BSR 2013 & 01.04.2016 of PWD Circle Karauli GENERAL ABATRACT

Particulars Particulars	C Karauri -
ART-'A' ROAD WORK	Amount
RT-'B' HP Culvert	9284524.0
RT-'C' Protection Wall	649182 (9)
	EV21/AVE/RE
Add 5.14% for Contingency Charges 1.56/ for Contingencies 3.64	1125547.1(0)
(t)	113557 (n) 578531 (n)
Add for Proreta charges 13% = G.TOTAL	11946560.00 1553053.00
Say Rs.	13499515.50 135.00 1 m

Junior Engineer

PWD Sub Dn. Kailadevi

med Vide Admin depth Retter MPWD/2017 Outed 23.5.2017&

14) MO F-7(225)|See -2/2017/D-34 4517 to Re 135. Ockacs Tob MO 51

MP/2017-18.

Cheersa

PWD Sul/Dn. Karika

04.07.17

Por Rx One Hundred Thirty Five Rars only.

Name of Work: Construction of road From Kota to Pator RJ-22-01/5054/RR/Plan/2017-18

Rates:- Rates are based on Road BSR 2013 & 01.04.2016 of PWD Circle Karauli GENERAL ABATRACT

Particulars		Amount
PART-'A' ROAD WORK		9284524.00
PART-'B' HP Culvert		649183.00
ART-'C' Protection Wall		1321767.00
	TOTAL	11255474.00
Add 1.00% for Q.C Charges Add 5.14% for Contingency Charges	= Expected T. P. (+)	2.81.367.100 4.09659.00 57853+.00
Add C. D. (1	TOTAL	11946560.00
Add for Proreta charges 13%		1553053.00
G.TOTAL		13499613.00
	Say Rs.	135,00 Latch

Junior Engineer

PWD Sub Dn. Kailadevi

wide Admin dept. letter MIPWD | 2017. Dated 23.5.2017 & wold) No. F-7 (225) | Sec -2/2017 | D-34

29.5.17 to Rs. 135 00 190 Job. MU 51/

1 RP Cm 1P1 2017-18

24

04.07.17

Assistant Engineer

PWD Sub Dn. Kailadevi

one Hundred Thirty Five Raes only

Due to Frost TS not issue).

Name of Work: Construction of road From Kota to Pator PART-'A' ROAD WORK

Will be a second of the second	FART-'A' ROAD W	ORK			
Market .	iculars	Qty.	¥1. •.		
learing and grubbir	ng road land including		Unit	Rate	Amount
woung rank vegetat	ion, grass buch about	1			
and trees of gi	rth upto 300mm vome 1				
sumps, disposal of t	Inserviceable material 1				
axing of serviceable n	naterial unto 1000 c				
as per Mol-	RTH Specification: 201				
mechanical Means.					
area of light jungle					
instruction of Embe	2x3000x2.50x1/10000 =	1.50	P.Heet.	12650.00	10075
Lillot	inkment with Material			120.50.00	18975.00
nstruction of amb	IS				
terial obtained from 1	nkment with approved				
m transporting to	prow pits with a lift upto				
wired slope and	te, spreading, grading to				
The states	compacting to meet 0.1 and 300.2 with a lead				
1000 m as per Techn	ical Specification Clause				
5 with lead upto - 501	ntr				
	1(7.50.10.50.				
17,5000	2 2000	24300.00			
		1620.00			
ding and laying gran	Total = 2	25920.00	P.Cum.	47.00	1218240.00
g P.I.not more than	6, including compacted	ľ			
ness and consolidation	n by 8-10 tonne power			ĺ	
at OMC to achie	ve desired density 4-				
cu camper and grade	including cost of water				
charges of machin	ery, including T&P and				
au of material from	m quarry (compacted				
os to be measured).					
ng as per MoRTH spe	ecification: Table 400-				
with CBR value no	ot less than 25				
hieve 100% Proctor o	density				
	1,2000 105 0	822.50			
For BT Berms -	2-2400 100	296.00			
For CC Berms -	24600-1-075-0-0	50.00			
	CONTRACTOR OF THE PARTY OF THE		P.Cum.	121.00	
	33	00.50	i .Cum.	431.00	1538024.00

Providing, laying, spreading and stone aggregate of specific size as per & 400-7 to Water Bound Macadam simulating spreading in uniform thick packing, rolling with power roller 8-10 stages to proper grade and camber, any the interstices of coarse aggregate with water browser) and rolling accessary earthen bund to protect edeg parding, barricading and mainted wersion etc. [MoRTH specification [M]] (by manual means) with compacted thickness as specified to be Grading no.2 (63-45mm) crusher broker	table 400-6 specification kness, hand 0 tonnes, in pplying and ning to fill- es, watering g, making ss, lighting, enance of : Clause all leads measured)			
hoviding, laying, spreading and come aggregate of specific size as per tal 400-7 to Water Bound Macadam speculating spreading in uniform thicknowing, rolling with power roller 8-10 ages to proper grade and camber, approximing requisite type of Stone screening the interstices of coarse aggregates, with water browser) and rolling, wessary earthen bund to protect edegs.	compacting able 400-6 secification ness, hand tonnes, in olying and ng to fill- , watering making , lighting, nance of : Clause all leads measured)	P.Cum.	1325.00	1207406.00
1x2400x3.75 widing and applying primer coat over face or granular base with bitumen em als: 8887 & manufacturer's specificating /10 sqm with a self propelled of the pressure sprayer equipped for spratrial uniformly at specified rate peratures including cleaning of road self-more including cleaning cle	prepared aulsion as ations @ or towed aying the tes and urface as 12. Add	P.Cum.	1450.00	978750.00
1x2400	9000.00	P.Sqm.	22.00	198000.00

ALE ME					
	Particulars	Qty.	Unit	Rate	Amount
	widing and applying tack coat with bitumen VC on the prepared surface including cleaning a xIS: 8887 & manufacturer's specifications @ .g/10sqm with a self propelled or towed bitumen xssure sprayer equipped for spraying the materia informly at specified rates and temperatures as xIMORTH specification CL503,112	S S S			Amount
M sa M	Hot Mix Plant 40-60 TPH, including loading of		P.Sqm.	7.00	63000,00
tor 3" sgr alis and allin ad	regates with F.E loader. ith bitumen grade 80/100 1x2400x3.75 = riding and applying premixed seal coat type comprising of thin application of fine regate (0.06 Cum. per 10 Sqm) premix with 6.8 per 10 sqm bitumen binder (including cost of tripping compound, wherever required) in hot mix plant 6-10 TPH and laying and ag with power roller 8-10 tonne including all of mix material [MORTH Specification: see 513] with all lead.	9000.00	P.Sqm.	92.00	828000.00
	1x2400x3.75 =	9000.00	P.Sqm.	33.20	298800.00

Particulars				
Construction of un-reinforced de line	Qty.	Uni	t Ra	te A
cement concrete pavement M-30, over a prepared				te Amount
cum, coarse and fine aggregate conforming to IS:			İ	
383, maximum size of coarse aggregate not exceeding 25 mm mixed in a hard in				
			1	
The state of the s				
, opulation incorporation in				
			1	
complete as per MoRTH specification clause 602.				
For Course				1
For Causeway - $1 \times 100 \times 7.50 \times 0.20 =$	150.00			
For ('C' - 1v500-2 75 0 - 1	375.00		1	
(A) D 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2	525.00	D.C	~	
diving, laying & fixing in position	323.00	P.Cum	5451.00	2861775.00
Tree in the property of the pr	1			
Pucket in the goal of the				
and fieldly liftished with 1				
1.5 Of havible 1.5				
With Diciectly one				
o testing of lointe or				1
Specification: Clause: 1000 & 2900.				
№-3 300 mm dia				
inii dig	1			
$\frac{3}{8}$ F Mukhya Mauti G 1 5	2.50	N.4+	V	
Widning Mantri Sadak Vojana I		Mtr.	920.00	48300.00
Todd Illin having M.C. D.				
the the transfer of the state o				
7 / Jilli X / Jilli X / Jilli Y J 5 1	1			1
Fairt With Hold fast moluding				
The de design and coloure The 1			1	
The of I. offill Inick circular at a				
" Louini Iccianoniar steel 1				
mm thick, the base of circular shall be plain at				
junction of base plate. The			1	
junction of base plate. The size of definition				
1500AUUIIIII and amil it		1	1	8
DIOCK TOOM TO				
Willing and maint				
aplete in all respect.			1	
1 XI			~	
1 No. 1	1 1:	ach 108	76.00	10876.00
		35	1	

Particulars	Oty	1 1		
supply of direction and place identification sign bards made out of 2mm thick sheet framed to agle iron 40 x 40 x 5 mm and two vertical posts of angle size 65 x 65 x 6 mm, 3 m long with hold sis, stove enamelled paint and reflective energy management and reflective energy management and respective energy management and energy management energy energ	Qty,	Fach	Rate 3139.00	Amount 6278.00
Ordinary Kilometer Stone (Precast) 3 Nos. 200 m stone (precast)	3	Each	1260.00	3780,00
12 Nos.	12	Each.	360.00	4320.00
N.		TOTAL		9284524.00

Varst.

Junior Engineer PWD Sub Dn. Kailadevi

Assistant Engineer PWD Sub/Dn, Kailadevi

Name of Work: Construction of road From Kota to Pator
PART 'B' (HP Culvert 1x1000)

Particulars Particulars	Ivert 1v	1000)		
Particulars Particulars	Qty.			
Earthwork in excavation in foundation trenches etc.	Qty.	Uni	t Rate	Amount
bottom and sides of trenches, stacking the excavated soil 3m. Clear from the edge of excavation and subsequent filling around hume pipes/masonry in 15cm layers with compaction including disposal of all surplus soil as directed within a lead of 1000 metres.[MoRTH Specification: Clause 301,304].				
Pipe Bed - 3x5.50x2.00x1.00 = Total = moviding and laying mechanically mixed and about Cement Concrete in foundation upto a with of 1.5 metres below ground level and 1.50 actres above Ground/Bed level as per MoRTH vecification: Clause 1000 & 1700.	75.60 33.00 108.60	P.Cum	126.00	13684.00
3x2x7x1.50x0.15 = Pipe Bed - 3x5.50x1.85x0.15 = Hunching - 3x(5.50+6.30)/2x1.85x1.23 = Deduction of pipe - 3x3.14/4x1.25x1.25x(6.30+5.50)/2 = Total = widing and laying stone masonry work in cement that 1:3 with mechanical mixer for foundation (any all) complete including all scaffolding etc. but cluding pointing and plastering as per drawing and mixel specification as per MoRTH Specification: the specification as per MoRTH Specification: the specification as per MoRTH Specification:	9.45 4.58 40.28 -21.71 32.59	P.Cum.	3163.00	103098.00
3x2x3.14x(1.23x1.23)/4x(0.60+1.03)/2	13.40 5.81 97.59 P	C.Cum.	~ 3450.00	371194.00

Particulars	Qty.	Unit	D	1
Providing, laying & fixing in position RCC spun or	4.7.	Citt	Rate	Amount
one pipes 181 marked with proper jointing in required				
ope packed in the gasket of hume or spun yarn and				
that the state of				
rand water tight including testing of joints as per				
loRTH Specification: Clause: 1000 & 2900.NP - 3				
00 mm dia				
3x3x2.50 =	22.50		~	
loviding PCC M-20 architectural coping on the	22.50	Mtr.	6764.00	152190.00
op of wing wall, return wall etc. complete as per				
awing and technical specification Clauses 615,				
10 and 1204.3.11				
0mm thick				
3x2x7x0.40 =	16.80	D. C.	~	
aised and cut pointing on stone work in CM 1:2 (1)	10.60	P.Sqm	163.00	2738.00
ment: 2 sand)				
3x2x7x1.30 =	54.60	P.Sqm.	115.00	6279.00
		TOTAL		649183.00

Jonet ..

Junior Engineer PWD Sub Dn. Kailadevi

Assistant Engineer PWD Sub Dn. Kailadevi

Name of Work: Construction of road From Kota to Pator
PART C (Protection wall)

	PART C (Prote	ction wal	1)		
L	Particulars	Qty.	Unit	Rate	Amount
	Earthwork in excavation in foundation trenches	5			
	etc. not exceeding 2 metres depth including	s l			
	dressing of bottom and sides of trenches, stacking				
	the excavated soil 3m. Clear from the edge of	1			
	excavation and subsequent filling around hume				
or a	pipes/masonry in 15cm layers with compaction				
1	including disposal of all surplus soil as directed				
3	within a lead of 1000 metres.[MoRTH				
1	Specification: Clause 301,304]. Ordinary Soil				
2000	2x86x1.40x0.90 =	216.72	P.Cum	126.00	27307.00
Heart	Providing and laying mechanically mixed and		1.00	120.00	2/30/00
1	vibrated Cement Concrete in foundation upto a				
No.	depth of 1.5 metres below ground level and 1.50				
1	metres above Ground/Bed level as per MoRTH				
	Specification: Clause 1000 & 1700. P.C.C. 1:4:8				-
The state of	mix with crushed stone aggregate 20 mm nominal				
A. P.	size.			_	
September 1	2x86x1.40x0.15 =	36.12	P.Cum	3163.00	Linform rea
	Providing and laying stone masonry work in		i .Cum	3103.00	114248,00
Sept.	tement mortar 1:3 with mechanical mixer for				
	foundation (any level) complete including all				
The state of	maffolding etc. but excluding pointing and				
	hastering as per drawing and technical				
Season of the last	pecification as per MoRTH Specification :				
Section 2	lection 1000,1400 Random rubble masonry				
	2x86x(0.40+1.20)/2x2.40 =	330.24	P.Cum.	3450.00	1120220 00
	doviding PCC M-20 architectural coping on the	550.21	r.Cum.	3430.00	1139328.00
	mof wing wall, return wall etc. complete as per				
Sec.	awing and technical specification Clauses 615,				
Spinish	10 and 1204.3.11 50 mm thick .			ř	
Same of	2x86x0.40 =	68.80	P.Sqm	163.00	100500
SALES	Raised and cut pointing on stone work in CM 1:2	00.00	преж 1	105,00	11214.00
SALAS SE	icement: 2 sand)				
STATE OF				1	
STATE OF	2x86x1.50 =	258.00	P.Sqm.	115.00	29670.00
1			TOTAL		1321767.00

Junior Engineer PWD Sub Dn. Kailadevi

Assistan Linginger PWD Sub pn. Kailadevi