

Ashok & Co. Nivas Pvt Ltd.
Agm. 07/5/2020/2020-21

Kemuhat - Ratanpur pUSD Rajput Tola to Azad pur R.

Head - MMGSX (SC)

Measurement Book

Schedule XLV-Form No. 134

R. W D. Jamu

DIVISION

Bardhat

SUB-DIVISION

MB-MO-2545

Boat on a/c Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of works: Construction of rd.					
from Kenuhat - Retampur					
PWD rd. Rajput Tola to					
Azadnagar udhMMS Block, Bachel					
Agency: Ashok ²⁰⁰ Mittal Pvt. Ltd.					
Agreement - no. 07(580)/2020-21					
Dt. of start: 22-06-2020					
Dt. of completion: 21-06-2021					
Dt. of measurement: 31-05-2021					
(1) Constn of G.S. - no. 1					
Extra In Curve	7x30	$\times \frac{(4.05 + 5.50 - 4.05)}{2}$			$\times 0.20 = 9.45$ m ²
(2) Providing work - no. (3)					
Extra In Curve	7x30	$\times \frac{(3.75 + 4.5 - 3.75)}{2}$			$\times 0.075 = 3.94$ m ²
Proposed:					
	20x	50.0x	3.75x	0.075	= 168.75
	20x	30.0x	3.75x	0.075	= 168.75
	1x	05.0x	3.75x	0.075	= 1.41
Acc. proposed:					
	6x	30.0x	3.75x	0.075	= 50.63
	1x	15.0x	3.75x	0.075	= 4.22
					397.70
					Limit 397.69 m ²
(3) Prime Coat (33%): Providing					
& applying Prime Coat					
	20x	30.0x	3.75		= 2250.0
	20x	30.0x	3.75		= 2250.0
	1x	5.0x	3.75		= 18.75
Extra In Curve	7x30	$\times \frac{(3.75 + 4.25 - 3.75)}{2}$			$= 52.50$
					4571.25 m ²

Limit 4563.94

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) To Tack coat: (P.S.) : Branding 2 applying tack coat					
	20	30.0	3.75		= 2250.00
	20	30.0	3.75		= 2250.00
	1	5.0	3.75		= 18.75
	7	30.0	$\left(\frac{3.75+4.25}{2} - 3.75\right)$		= 52.50
					4571.25 m ²
			Limit		4563.94
(S) II MSS - 890: Branding, laying 2 rolling close graded pavement of 200 mm thickness to all compact					

	20	30.0	3.75		= 2250.00
	20	30.0	3.75		= 2250.00
	1	5.0	3.75		= 18.75
	7	30.0	$\left(\frac{3.75+4.25}{2} - 3.75\right)$		= 52.50
					4571.25 m ²
			Limit		4563.94 m ²

(G) 12 G.S.P. - 90: Construction of G.S.P. - 90:1					
weeding	1	30	$\left(\frac{3.75+4.25}{2} - 3.75\right)$		= 6.75 m ³
					x 0.10
					= 0.68 m ³

(7) 13 Construction of P.C. - 40 30. grade in a c pavement					
	1	35.0	3.75	0.16	= 117.0
weeding	1	30	$\left(\frac{3.75+4.25}{2} - 3.75\right)$	0.160	= 1.08

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/14) Laying of Borehole Soling Layer in Shoulding					
		2x 195.0	0x0.50		195.0 m ²
(9/15) Providing & Laying of Rec 300mm (H.P) duct for — do — all complete					
		6x 3x 2.50			45.0 m
(10/17) SIFIF of Rec in 15 KM Stone					
		2 no			2 no.
(11/18) SIFIF of Rec in 15 2004 Stone.					
		6 no			6 no.
(12/20) Providing & laying of Rec 300mm (H.P) duct for — do — all complete					
		6 no			6 no.
(12/24) SIFIF of 600mm Circular					
		4 no			4 no.
(13/22) SIFIF of 800x600 mm Rectangular					
		6 no			6 no.
(14/23) SIFIF of 600x450 mm Rectangular					
		4 no			4 no.
(15/25) Rd. Marking: Providing & laying of 120mm (H.P) duct for — do — all complete					
		2x 120.0	0x0.10		24.0 m ²
(16/26) Rd. Marking: Providing & laying of 120mm (H.P) duct for — do — all complete					
		2x 195.0	0x0.10		39.0 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/27) Side of boundary hills of Rec-M-15					
		32 no			= 32 no

(18/28) Providing & erecting of detector & place identification sign board					
		6 no.			= 6 no

(19/29) Providing & fixing of Typical M.C.S.T. board					
		3 no			= 3 no

(20/34) Painting two coats on Pucca wall					
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Top	4x2x6.15x0.40	=	19.68
Side	4x4x6.15x0.60	=	59.04
front	4x4x0.40x0.60	=	3.84
			82.56m ²

(21/6) Construction of Subgrade					
	Qty. under the page (2) = 2819.70 m ³				
	Less Qty. under the page (6) = 2255.76				
					563.94 m ³

(22/5) JB Constn of earthen shoulder					
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2x	1205x1.295x0.075	=	234.07
2x	1205x1.49x0.20	=	718.18
2x	195x1.22x0.06	=	76.13
2x	195x1.39x0.175	=	99.687
			4423.35
		Limit =	1098.87

ABSTRACT OF COST (and bill)

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Paving & laying Boundary Wall Qty. under TMB Page ⑨					
1.40 Km CB	3284	7.82 / Km			45.987 =
② Clearing & grubbing rd. loc. Qty. under TMB Page ⑨					
0.49 hts. CB	51133	76 / hts.			25056 =
③ Construction of embankment. Qty. under TMB Page ⑨					
2.716 m ³ CB	173.22	m ³			4759 =
④ Construction of embankment. Qty. under TMB Page ⑨					
43.08 m ³ CB	135.12	m ³			5821 =
⑤ Construction of embankment.					
2255.76 m ³ Qty. under TMB Page ⑨					
563.94 Qty. under TMB Page ⑮					
2819.70 m ³ CB	176.83	m ³			498692 =
⑥ Construction of G.S.B. g.o.i 976.05 Qty. under TMB Page ⑨					
9.45 Qty. under TMB Page ⑫					
985.50 m ³ CB	1702.13	m ³			1677449 =
⑦ Constn of G.S.B. g.o.i 73.13 Qty. under TMB Page ⑨					
0.68 Qty. under TMB Page ⑮					
73.81 m ³ CB	1702.13	m ³			125634 =
⑧ Paving & laying M.M. ASY bed 2.0 no Qty. under TMB Page ⑨					
3.0 no Qty. under TMB Page ⑮					
5.0 no CB	9346.0	each			46730 =

Continuation

Rs 24,30,128 =

(C.O.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(9) 30	Excavation in foundation				
	Qty. m ³ TMB Page (9)				
	119.19 m ³ @ Rs 294.73/m ³ = Rs				35,129.00

(10) 31	Providing & laying 1:2:4 concrete				
	Qty. m ³ TMB Page (10)				
	18.38 m ³ @ Rs 4946.67/m ³ = Rs				90,920.00

(11) 32	Providing & laying 1:2:4 concrete				
	Qty. m ³ TMB Page (10)				
	142.84 m ³ @ Rs 6094.85/m ³ = Rs				8,70,588.00

(12) 33	Providing & laying 1:2:4 concrete				
	Qty. m ³ TMB Page (10)				
	30.0 m ³ @ Rs 3398.49/m ³ = Rs				1,01,955.00

(13) 34	Providing & laying 1:2:4 concrete				
	Qty. m ³ TMB Page (15)				
	82.56 m ³ @ Rs 97.19/m ³ = Rs				8,024.00

(14) 8	Providing & laying 1:2:4 concrete				
	Qty. m ³ TMB Page (12)				
	397.69 m ³ @ Rs 2260.83/m ³ = Rs				8,99,109.00

(15) 9	Providing & applying 2 coats of cement plaster				
	Qty. m ² TMB Page (12)				
	4563.94 m ² @ Rs 45.57/m ² = Rs				2,07,979.00

(16) 10	Providing & applying 2 coats of cement plaster				
	Qty. m ² TMB Page (13)				
	4563.94 m ² @ Rs 15.29/m ² = Rs				70,695.00

(17) 11	Providing & laying 1:2:4 concrete				
	Qty. m ³ TMB Page (13)				
	4563.94 m ³ @ Rs 215.83/m ³ = Rs				9,85,035.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26/23) SIF IF of boundary of rectangular					
Qty. under TMB Page (14)					
4 no. Ch 4 571.62 / m ² = R					18286 = u 2,286 = u
(24/25) Rd. Mchng: Providing & laying					
Qty. under TMB Page (14)					
2411.0 m ² @ 735.44 / m ² = R					177241 = u
(28/26) Rd. Mchng: Providing & laying					
Qty. under TMB Page (14)					
39.0 m ² @ 835.34 / m ² = R					32,578 = u
(29/24) SIF IF of Boundary Pillar:					
Qty. under TMB Page (15)					
32 no. Ch 484.52 / each = R					15,505 = u
(30/28) Providing erection of					
Director's place Board					
Qty. under TMB Page (15)					
6 no. Ch 11669.73 / each = R					70,018 = u
					R 7129139 = u
Add 12' / 1' G.S.T.					(+R) 855497 = u
Add 1' / 1' Labour cost					(+R) 71291 = u
					R 8055927 = u
(31/5) Construction of Shrink					
with approved material					
Qty. under TMB Page (15)					
1098.87 m ² @ 176.86 / m ² = R					194346 = u
					R 7323488 = u
					(C.O)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			80	80	73,23,485=
Add 12% GST				80	8,78,818=
Add 1% Labour cess				80	73,23,52=
				80	82,75,538=
Less 10% as per agreement				80	8,27,554=
				80	74,47,984=
Deduct Previous Payment				80	34,41,225=
Calc					
				80	40,06,759=

Materials Statement:

E/W (Sall):	2079	M ³		
Gravel -				
St. aggregate:	6 M ³	@ 516.42		
St. aggregate:	3 M ³	@ 411.33		
Local sand:	4 M ³	@ 150.80		
WBM-gravel				
St. aggregate:	481 M ³	@ 458.22		
St. screening:	96 M ³	@ 345.52		
Pcc.				
St. chips:	107 M ³	@ 550.85		
Coarse sand:	54 M ³	@ 150.80		
Brick	10500	no. @ 5.67		
Local sand:	5 M ³	@ 150.80		
Stone chips:	124 M ³	@ 470.04		
Bitumen				
SS1	3.88	MT.		
PS1	1.23	MT.		
S90	8.67	MT.		

Continuation

31.5.21
SC