

378/20-21

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फोकाहो फोकाहो

Schedule XLV-Form No. 134

Arjay Kumar Dubey

अर्जुन कुमार

DIVISION

NDB- BRICK

अर्जुन कुमार

SUB-DIVISION

Measurement Book

अर्जुन कुमार, अर्जुन कुमार

Ind on A/c Bill
(Construction work Final Bill)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work :-	mm 4 SX				Rozed to
Mamankha Borahani Mishra Tolga					
Head :-	NDB				(mm 4 SX)
Agency :-	Ajay Kumar Debbar				
App. No :-	58 SBD/2019-2020				
App. Date :-	17/3/2020				
Date of Completion :-	16/3/2021				
Date of actual completion :-					
Estimated cost :-	4287500				-00

Measurement					
① Construction of road embankment with material obtained from borrow pit etc to depth					
2	30.0	1.2	0.9	0.16	= 132.0 M ³
1	46.0	1.1	0.75	0.16	= 85.53
					= 228.0 M ³
					Qty = 140.80 M ³
					(A) 157.53 M ³
(i) Qty for lead 100m					
					157.53
					47.26
					= 30 x 140.80 M ³ = 4224 M ³
					47.26 M ³
					Qty = 4224 M ³
(ii) Qty for lead = 100 m					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	76	157.53			110.24
	100	$\times 140.80 \text{ m}^2$			$= 98.66 \text{ m}^2$
		(A)			94.46 m ²
					110.27 m ²

② Providing, laying & mending

Compacting W.B.M. Gravel stone
metal consolidation etc. do - 1/2

At Junction 2x2 $10.0 \times 0.5 + 0.75 \times 0.1075 = 1.87 \text{ m}^3$
Turning ? $\text{Qty} = 1.87 \text{ m}^3$

③ Providing & applying

Primer coat with bitumen
emulsion (R.S.) etc. do - 1/2

	6	30.0	3.75	-	$= 67.50 \text{ m}^2$
For side width	1	20.0	3.75	-	$= 75.00$
	2	6.25	0.60	-	$= 7.50 \text{ m}^2$
					$\text{Qty} = 757.50 \text{ m}^2$

④ Providing & applying

2nd coat with bitumen
emulsion (R.S.) etc. do - 1/2
all complete - 1/2

Area as per item No (3)

$= 757.50 \text{ m}^2$

$\text{Qty} = 757.50 \text{ m}^2$

⑤ Mix scale surfacing

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
With west Plastic etc					
do - do all complete job					
	6	30.0	3.75	-	= 675.0 m ²
	1	20.0	3.75	-	= 75.0 m ²
For extra width	2	6.25	0.60	-	= 7.50
					<u>At = 757.50 m²</u>
⑥ Construction of unreinforced cement concrete Pavement with 12 size etc do - do - all - job					
	6	30.0	3.75	0.16	= 108.0 m ³
	10	30.0	3.75	0.16	= 180.0 m ³
For extra width	8x2	10.0	0.45	0.16	= 2.88 m ³
					<u>At = 290.88 m³</u>
⑦ P/V F/A ordinary 12 Post etc do - do - job					
					<u>At = 0.1 No</u>
⑧ P/V F/A 200 m post etc do - do - all complete job					
					<u>At = 0.3 No</u>
⑨ Construction of subgrade					

Continuation

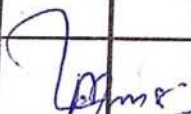
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 earthen shoulder etc					
do - do - all complete job					
1 20	30.0	1.5	1.0	0.50	375.0 m ³
1 2	30.0	1.5	0.75	0.45	30.37
					Qty = 405.97 m ³
10) Plaster F/F Boundary Wall					
etc do - do - all - job					
					Qty = 13 Nos
11) Painting of exterior on new concrete surface etc					
do - do - all complete job					
2	6.20	0.40			22.72 m ²
					Qty = 22.72 m ²
12) Painting of and applying 2 coat water based cement paint etc					
2x16	30.0	0.10			96.0 m ²
					Qty = 96.0 m ²
13) Road marking with hot applied thermoplastic band etc do - do - job					
2x16	30.0	0.10			96.0 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Planting of trees and their maintenance from 10000 to 12000 all job					RT = 20 Nos
② P/S keeping from 10000 to 12000 all job					
Sealing in flup etc					
do do all - 70					
	20	30.0	0.375	-	= 225.0m ²
	3	30.0	0.25	-	= 22.50
					RT 240.0m ²

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 A. D. J. E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① Construction of benchmark					
to Peller etc de job					
Avg wide TMBP-5					
0.52 km @ R, 10027 = 52/km R 6818 =					
(2/61) Construction of Referon					
to Peller etc de job					
Avg wide TMBP-5					
0.68 km @ R, 9748 = 21/km R 9749 =					
(3/62) Clearing & grubbing					
roadland etc de job					
Avg wide TMBP-5					
0.20 Hect @ R, 49496 = 20 Hect, 9299 =					
4/63) Construction of roadwork					
with 100mm					
de no wall complete 56					
Avg wide TMBP-5, 9					
21.0 m ³ + 47.26 m ³ = 258.24 m ³					
258.24 m ³ @ R, 174 = 23/m ³ R 45148 =					
5/64) Construction of subgrade					
roadway shoulder etc					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty wide TMBP - 12					
405.37 m ³ @ R, 176 = 441/m ³					71535=0
 (6/65) Construction of road					
on bamporen + with					
lead 100 m etc do - do					
all complete job.					
Qty wide TMBP - 8, 9, 10					
(504.0 + 92.67) m ³					
602.67 m ³ @ R, 129 = 614.27					85758=0
 (7/66) Plus specification for					
recalving by manual means					
etc do - do - all complete job					
Qty wide TMBP - 6					
57.0 m ³ @ R, 74 = 10/m ³					R, 4224=0
 (8/67) Laying brush sailing					
layer on Probore at Subgrove					
etc do - do - all - job					
Qty wide TMBP - 14					
240.0 m ² @ R, 471 = 27/m ²					113106=0
 (9/68) Construction of granular					
subbase - with well graded					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
material etc do - 1-10					
Qty wide TMB P - 6					
148.17 m ³ @ 2979 = 441449 = 0					
(10/69) P/S applying WBM					
GRTI stone metal emulsion etc do - do - all job					
Qty wide TMB P - 1,10					
(191.24 + 1.87) m ³					
193.11 m ³ @ 2706 = 5215789 = 0					
(15/20) P/S applying P. Runout					
with ss. etc do - do - job					
Qty wide TMB P - 10					
757.50 m ² @ 41 = 31436 = 0					
(12/21) P/S applying tarcoat					
with bitumen emulsion etc do - do - all complete job					
Qty wide TMB P - 10					
757.50 m ² @ 14 = 10650 = 0					
(13/29) P/S laying mineral					
surfacing etc do - do - job					
Qty wide TMB P - 11					
757.50 m ² @ 209 = 158363 = 0					

Continuation

K, 1704851=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{14}{73}$) Construction of unmanuf cool cement concrete pavement etc do do do etc etc wide TMB P-11 290.83 M ² of 737-93/M ² R, 8135038					
($\frac{15}{75}$) P/W F/F ordinary etc do do do etc etc wide TMB P-11 01 Nos of 94/No R, 2496=0					
($\frac{16}{76}$) P/W F/F 200 M stone P/W etc do do do etc etc wide TMB P-11 03 Nos of 649=18/No R, 1948=0					
($\frac{17}{77}$) P/W F/F Rescure filler etc do do do etc etc wide TMB P-12 13 Nos of 517=65/No R, 6729=0					
($\frac{18}{78}$) Painting two coat includ ding etc do do etc etc wide TMB P-12 22.32 M ² of 96=00/M ² R, 2152=0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{19}{79}$) P/V and applying 2 coat of water based cement paint etc etc job Qty wide TMBP - 11 96.0 m ² @ R, 90 = 30/m ² R, 8669 = 0					
($\frac{20}{80}$) P/V & laying of hot applied thermoplastic paint etc etc etc all complete job Qty wide TMBP - 13 136.0 m ² @ R, 735 = 40/m ² R, 100014 = 0					
($\frac{21}{81}$) P/V & F/F mesh in infrastructure banner Qty wide TMBP - 7 01 No @ R, 11426 = 25/No R, 11426 = 0					
($\frac{22}{82}$) P/V & F/F of typical main entrance sign board etc Qty wide TMBP - 7 01 No @ R, 11426 = 25/No R, 11426 = 0					
($\frac{23}{83}$) P/V & F/F 600 mm regular gal frange etc etc job Qty wide TMBP - 13 04 No @ R, 3698 = 37/No R, 14793 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24 25) P/V R F/F 650mm x 450mm sign board, etc do do Qty wide TMBP - 13 02 Nos @ R, 5012 = 40/No R, 100250					
(25 26) P/V R F/F 650mm x 450mm Roof angular sign board etc Qty wide TMBP - 13 2 Nos @ R, 4321 = 12/No R, 8642 = 0					
(26 27) P/V R F/F 900mm x 1200mm etc for sign board etc Qty wide TMBP - 13 02 Nos @ R, 8277 = 97/No R, 16556 = 0					
(27 28) Planting of trees and their maintenance etc do do all etc Qty wide TMBP - 14 etc = 20 Nos @ R, 800 = 30/No R, 16006 = 0					
(28 29) P/V R F/F 300mm x 1200mm Hume Pipe NB for irrigation on perime etc do etc Qty wide TMBP - 13 7.50m @ R, 756 = 38/No R, 5673 = m Continuation R, 40,56,444 = m					

Material Statement

(i) R/w $\div 5630m^3$
(ii) Store off $\div 284.95m^3$
(iii) Sand $4138.20m^3$
(iv) Recp $\div 129/24m$
(v) Bitumen $\div 1.33m^3$
(vi) West Plate $\div 0.115m^3$
(vii) Emulsion (RS) $\div 0.208m^3$
(ix) Emulsion (SS) $\div 0.644m^3$

Signature
20.09.21
A.R.

Alt
18/9/21
A.R.

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