

M/S Alok Const

M/S Alok Construction

Ag No - 33 (SBD) / 2021-22

Taglish yadar House to Lalmanah RD Pkwy Rd.
Head-M M usy (sc)

Schedule XLV-Form No. 134

R. W D (w) Jamu
DIVISION

Barhact
SUB-DIVISION

MEASUREMENT BOOK

MB No. 2956

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of Road from Jagdish yadav House to Lal motiya R.O PMGSY Road under MMGSY(S.C) for 2021-2022.					
Agency:- M/s Aksh Construction At-Nalanda more S.K puri colony Mohampur Distt- Nalanda.					
Agreement No- 33(SB8)/2021-2022					
Date of Commencement- 31/12/2021					
Date of Completion- 30/12/2022					
Rate quoted - 17.99% Below Details					
<u>P.C.C. current</u>					
① P/W in excavation for structures as per drawing- do etc					
Abutment- $2 \times 9.10 \times 2.64 \times 1.60 = 76.87 m^3$					
Floor under deck- $1 \times 7.70 \times 0.40 \times 0.200 = 0.62 m^3$					
					Total= $77.49 m^3$
② Sand filling in foundation trucks do etc- all complete job					
Abut- $2 \times 9.10 \times 2.64 \times 0 = 0.0 m^3$					
Floor- $1 \times 7.70 \times 1.67 \times 0.100 = 1.287$					
					Total= $1.287 m^3$
③ P.V (M.S. grade P.C.C. etc)					
Foundation- do etc all - 586					
Abut- $2 \times 9.10 \times 2.64 \times 0.200 = 9.60 m^3$					
Floor- $1 \times 7.70 \times 1.75 \times 0.100 = 1.35 m^3$					
					Total= $10.95 m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ P.V.P.C. (M20) grade in floor and plinth - do etc all jobs					
Abut - $2 \times 8.30 \times 2.140 \times 1.40 = 49.73 \text{ m}^3$					
				Total = 49.73 m^3	
⑤ P.V.P.C. (M20) grade in sub-structures - do - do etc all complete jobs					
Abut - $2 \times 7.50 \times 1.640 + 0.700 \times 2.80 = 49.14 \text{ m}^3$					
⑥ Supplying, letting and placing HYSD Bars reinforcement in super structures - do etc all complete jobs					
Abut cap/Deft wall - 10m Φ -					
Rebbs - $2 \times 50 \text{ Nos} \times 2.88 = 288 \text{ M}$					
Horizontal - $2 \times 9 \text{ Nos} \times 7.60 = 136.80 \text{ M}$					
				Total = 424.80 M	
				@ 0.62 kg/m = 263.37 kg	
				= 0.263 M^3	
⑦ P.V.P.C. (M15) in substructures - do etc all complete jobs					
Abut cap - $2 \times 7.50 \times 0.700 \times 0.200 = 2.10 \text{ m}^3$					
Deft wall - $2 \times 7.50 \times 0.40 \times 0.240 = 1.44 \text{ m}^3$					
				Total = 3.54 m^3	
For capet $2 \times 3.40 \times 0.40 \times 0.60 = 1.63 \text{ m}^3$					

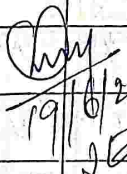
Net Qty = 5.17 m^3

Continuation

10/5/22
 25
 NISTIN
 A-E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
39 Supplying, fitting and placing Hysor bars reinforcement in deck slab do etc - all complete job main bars - 16mm Φ - $66 \text{ Nos} \times 2.72 \text{ m} = 179.52 \text{ m}$ $@ 1.58 \text{ kg/m} = 283.64 \text{ kg}$ distribute bars - 12mm Φ - Bottom - $16 \text{ Nos} \times 7.55 \text{ m} = 120.80 \text{ m}$ Tops - $16 \text{ Nos} \times 7.55 \text{ m} = 120.80 \text{ m}$ Total = 241.60 m $@ 0.39 \text{ kg/m} = 215.02 \text{ kg}$ Total = 504.79 kg $@ 0.504 \text{ MT}$ 18 kg					
38 P.V. and laying R.C.C. in deck slab - do etc - all complete job Deck slab - $1 \times 7.50 \times 2.060 \times 0.240 = 3.708 \text{ m}^3$ 9a P.V. bitumen painting - do etc Half lap - $2 \times 7.50 \times 0.700 = 10.50 \text{ m}^2$ Vertical - $2 \times 7.50 \times 0.240 = 3.60 \text{ m}^2$ H.P. Cement - $1000 \text{ MT} / \text{dia } 74.10 \text{ mm}$ 10 C/P in excavator in foundation for structures - do etc					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			3.7		14.011 m ³
For pipe wall —					
		2 x 3.60 x 0.40 x 0.60			1.728 m ³
				Net =	15.739 m ³
Less for pipes —					
		2 x 0.7857 x (0.830) ² x 0.530			(10.574 m ³)
				Net Qty =	15.165 m ³
For 2.0 m dia pipe —					
		2 x 15.165			30.33 m ³
For 4.5 m dia and laying R.C. pipe					
NP ₂ for cast of 600					
mon dia do etc all					
Complete job					
2 nos x 3 x 2.50 m					= 15.0 m
(18/9) Construction of Granular					
Sub base by providing well					
graded materials grade					
do etc all completions					
Function point — west side hill					
		2 x 15.0 x 0.25 + 4.75			
		2			x 0.200 = 18.0 m ³
(19/10) P.V. Laying spreading and					
compacting of WBM					
20.0 m dia do etc					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
all concrete job					
1x15.0x	5.75x	3.75x	0.075=	5.34 m ³	
4x30.0x	3.75x	0.075=	33.75 m ³		
5x30.0x	3.75x	0.075=	42.18 m ³		
3x30.0x	3.75x	0.075=	25.31 m ³		
6x30.0x	3.75x	0.075=	50.62 m ³		
5x30.0x	3.75x	0.075=	42.18 m ³		
4x30.0x	3.75x	0.075=	33.75 m ³		
1x10.0x	3.75x	0.075=	2.81 m ³		
1x10.0x	5.25x	3.75x	0.075=	3.37 m ³	
5x30.0x	3.75x	0.075=	42.18 m ³		
6x30.0x	3.75x	0.075=	50.62 m ³		
2x30.0x	3.75x	0.075=	25.31 m ³		
Tunnel pipe 2x10.0x0.0+2.0x0.075= 1.50 m ³					
1x5.0x	5.15x	3.75x	0.075=	1.66 m ³	
4x30.0x	3.75x	0.075=	33.75 m ³		
4x30.0x	3.75x	0.075=	33.75 m ³		
1x20.0x	5.95x	3.75x	0.075=	7.27 m ³	
3x30.0x	3.75x	0.075=	25.31 m ³		
4x30.0x	3.75x	0.075=	33.75 m ³		
2x30.0x	3.75x	0.075=	16.87 m ³		
(Total) =					511.28 m ³
					
19/6/22					
JE					
					
20/6/22					
A-E					

Continuation

Abstract Cost of 2nd on A/c B01/

14

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P/v and fixing bench mark do/arr-do-etc-all-Jt's Qty- v.T.M.B. Page (4) item No- (1/1) = 1.80 km @ Rs 32195 = 60/km Rs 57,952-					
② Clearing and grubbing road land do etc- all complete job Qty- v.T.M.B. Page (4) item No- (2/2) = 0.63 Hect @ Rs 51137 = 38/Hect Rs 32,217-					
③ C/PW En excavation in road way Cutting- do etc- all complete job Qty- v.T.M.B. Page No (4) item No (3/5) = 10.50 m ³ @ Rs 126 = 24/m ³ Rs 1,326 = 0					
④ Construction of embankment do etc- all complete job Qty- v.T.M.B. Page No (4) item No (4/4) = 1627.0 m ³ @ Rs 148 = 89/m ³ Rs 2,42,244 = 0					
⑤ Construction of Subgrade do etc- all complete job Qty- v.T.M.B. Page No (5) item No (5/8) = 3978.0 m ³ @ Rs 192 = 13/m ³ Rs 7,64,293 = 0					
⑥ Construction of G.S.B by providing well graded material go do etc- all complete job Qty- v.T.M.B. Page (5) item No (6/9) = 1428.0 m ³					
and page (12) @ Rs item No (18) = 18.0 m ³ 1446.0 m ³					

Rs 10,98,032 = 00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			B.F.F.	39,29,044.00
(17/34) P.V. R.C.C. (M20 grade) in foundation - do etc. all complete job				
Qty - V.T.M. B. Page No (8) item No (5/34) = 49.73 m ³				
@ Rs 49.76 = 92/m ³ Rs 2,47,502.00				
(12/35) P.V. R.C.C. (M20 grade) in Substructures - do etc all complete job				
Qty - V.T.M. B. Page No (8) item No (5/35) = 49.14 m ³				
@ Rs 53.56 = 41/m ³ Rs 2,63,214.00				
(13/36) P.V. R.C.C. (M25 grade) in Substructures - do etc all complete job				
Qty - V.T.M. B. Page No (8) item No (5/36) = 3.54 m ³ 5.17 m ³				
@ Rs 6238.54/m ³ Rs 32,253.00				
(14/37) P.V. Bitumen painting over top surface - do etc. all - do				
Qty - V.T.M. B. Page No (9) item No (9/37) = 14.10 m ²				
@ Rs 14 = 90/m ² Rs 210.00				
(15/38) P.V. and laying reinforcement Cement concrete in				
				Rs 44,72,223.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			18.7	R	45,84,133=
etc - all complete job					
Qty - V.T.M.B. Paper No (10) item					
No - (11/43)			= 18.38	m ³	
and P/11 item No (15/43)			= 5.69	m ³	
			Total = 24.07	m ³	
			@ Rs 4976 = 92/m ³	R	1,19,794=
19/44 P/v plain/reinforced					
Cement Concrete (M20) in					
Substructures do etc					
all complete job					
Qty - V.T.M.B. Paper No (10) item					
No - (12/44)			= 142.844	m ³	
and P/14 item No (6/44)			= 30.33	m ³	
			Total = 173.174	m ³	
			@ Rs 5356 = 41/m ³	R	9,27,591=
20/45 P/v and laying R.C.C					
pipe N.D 3 for Culvert					
or 1st class bedslab do					
etc - all complete job					
Qty - V.T.M.B. Paper No (10) item					
No (13/45)			= 30.0	m	
and P/12 item No (17/45)			= 15.0	m	
			Total = 45.0	m	
			@ Rs 3439 = 322/m	R	1,54,769=
				R	57,86,287=

Continuation

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