

Indradeo
Kumar

MphvSY (SC)

Measurement Book

Schedule XLV-Form No. 134

Pipela Haxitam Tola Agastam DIVISION

Momms Land to Court Sekh SUB-DIVISION

ELBIB 31/11/2017, 17/11/2017 7477



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of					
Road from Agasari Pore					
Land TO Govt School.					
Agency: Indusree Kurnool					
Agg. No: 16/9BD/2020-21					
Date of start: 16-10-2021					
Date of completion: 15-07-2022					
Rate = 16.83/- below.					

Date of Measurement: -

Record Entry: -

1/24 - Earth-work in excavation for

Structure as per drawing and

Technical specification - do - do - 4/1

Face wall

2x 6.30 x 1.4 x 1.5 = 26.64m³

Pipe portion

1x 5.9 x 1.5 x 0.3 = 2.66m³

Total 29.12m³

2/25 - Providing concrete for plain

Reinforced concrete in open Rd.

- do - do - 4/1 (M15)

Face wall Above levelling course

2x 6.30 x 1.4 x 0.15 = 2.65m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16.0 X 7.0 + 4.05	2		X 0.20		17.62m ³
20.0 X 7.0 + 4.05	2		X 0.20		22.10m ³
19.0 X 7.0 + 4.05	2		X 0.20		21.24m ³
20.0 X 7.4 + 4.05	2		X 0.20		22.90m ³
			Total -		167.77m ³
6/7 - Providing, Laying & spreading and compacting stone aggregate					
M3M-II - do - do - E/I					
30 X 6.70 + 3.70	2		X 0.075		11.70m ³
30.0 X 3.70 + 4.60	2		X 0.075		9.34m ³
30.0 X 4.60 X 0.075					10.35m ³
36.0 X 4.6 + 3.5	2		X 0.075		9.11m ³
30.0 X 3.5 + 3.9	2		X 0.075		8.32m ³
30.0 X 3.9 + 6.10	2		X 0.075		11.25m ³
30.0 X 6.10 + 4.15	2		X 0.075		11.53m ³
30.0 X 4.15 + 3.45	2		X 0.075		8.65m ³
30.0 X 3.45 + 4.0	2		X 0.075		8.38m ³
30.0 X 4.0 + 3.15	2		X 0.075		8.04m ³
30.0 X 3.15 + 3.80	2		X 0.075		7.82m ³
30.0 X 3.80 + 3.70	2		X 0.075		8.44m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Entry:-					
16/16 - painting two coats including primer coats after filling the surface - do-do-B/I					
2.0X 6.20 X 1.80 —					22.32M
17/17 - Painting New letter and figures of any shades with synthetics Enamel - do-do-B/I					
2.0X 10410 —					208 per
					24 KT per letter
18/18 - Providing and fixing of typical 'PMGSP' Informatory sign board with Logo as per word specification and drawing - do-do-B/I					
a) Maintenance Informatory Board - 01 Nos					
19/19 - Providing & fixing of Retro-Reflective cautionary, mandatory and informatory sign as per PRE:CT - do-do-B/I					
60mm circular —					02 Nos
20/20 - Providing & fixing of Retro-reflective cautionary, mandatory and informatory sign as - do-do-B/I					
60mm equilateral triangle - 06 Nos					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24/05 - Construction of Embankment with Approved Material from borrow Subgrade.					
Pits - do - do - E/I					
BT Position - 4152 x 7.98 x 0.3 -					1082.084
Earthwork Shoulder (Side of F.M.M. & M.S.)					
2 x 452 x 1.202 x 0.077 -					83.6714
Earthwork Shoulder (Side of G.S.B.)					
2 x 452 x 1.033 x 0.200 -					240.4640
Quantity of gravelion & Ramp.					
20.0 x $\frac{7+4.05}{2}$ x 0.3 -					33.15 M ³
16.0 x $\frac{7+4.05}{2}$ x 0.3 -					26.52 M ³
20.0 x $\frac{7+4.05}{2}$ x 0.3 -					33.15 M ³
19.0 x $\frac{7+4.05}{2}$ x 0.3 -					31.49 M ³
20 x $\frac{7+4.05}{2}$ x 0.3 -					33.15 M ³
					157.46 M ³
					1563.67 M ³
Less previous qty of VT MB - 19-82464 -					898.000
					Total 665.67 M ³
Record Entry					
25/ - Construction of Embankment					
Approved material from borrow					
Pits - do - do - E/I					
GNL	Ch.	Diameter	Full Area	Mean Area	Fill Volume
1	0	0	6.712		0.000

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/c Construction of Subgrade					
Earthwork shoulder-40-40-40					
898.00 m ³ VT MB ($\frac{P}{7}$ at 05)					
665.67 m ³ VT MB ($\frac{P}{11}$ at $\frac{24}{5}$)					
1563.67 m ³ (a) 190.01/m ³					297113=
6/c Construction of Granular					
Sub base 495B - 40-40-40					
371.79 m ³ VT MB ($\frac{P}{7}$ at 06)					
107.775 m ³ VT MB ($\frac{P}{11}$ at $\frac{5}{2}$)					
479.565 m ³ (a) 2566.82/m ³					1230957=
7/18 - PMGSY conformity sign board					
40-40-40-E/I					
02 NOS VT MB ($\frac{P}{7}$ at 07)					
01 NOS VT MB ($\frac{P}{15}$ at $\frac{18}{18}$)					
03 NOS (a) 9409.97/NOS					282302=
8/24 E/W in Excavation for Struck					
as per drawing - 40-40-40-E/I					
29.12 m ³ VT MB ($\frac{P}{29}$ at $\frac{1}{24}$)					
(a) 305.42/m ³					8894=
9/25 Providing concrete for Slab					
Reinforced concrete (M15) - 40					
40-E/I					

Continuation

Particulars	Details of actual measurement				Contents of bills
	No.	I.	B.	B.	
2.65 M ³ V1 MB (P ₁ at 1/6)	(a)	4190/M ³	—	—	13756.00
(19/06) providing concrete for place rendered concrete					
M20 - do - do - 5/1					
18.220 M ³ V1 MB (P ₁ at 1/6)	(a)	5668.33/M ³	—	—	106678.00
(11/07) providing concrete for structure complete M20					
do - do - 5/1					
13.04 M ³ V1 MB (P ₁ at 1/6)					
(a) 5295.22/M ³					76874.00
(12/07) providing, laying & spreading and compeling					
stone aggregate WBM-III					
do - do - 5/1					
139.396 M ³ V1 MB (P ₁ at 1/6)					
(a) 2330.27/M ³					464226.00
(13/08) providing & applying primer coat with bitumen emulsion					
(SS-1) - do - do - 5/1					
1858.60 M ² V1 MB (P ₁ at 1/6)					
(a) 40.90/M ²					76617.00

Continuation

Particulars	Details of actual measurement			Contents of work
	No.	L.	B.	D.
(14/09) Providing, Applying and casting 100 mm thick concrete for protection of slope as per drawing - do - do - E/I				
1258.60 m ² of 100 mm thick concrete				
(a) 13.45/m ²				25927%
(15/10) Providing, Laying & Rolling of close graded premium surfacing material M.S. - do - do - E/I				
1858.60 m ² of 100 mm thick				
(a) 184.29/m ²				342707%
(16/10) Providing & Laying paving of slope laid over prepared filler media - do - do - E/I				
5.0 m ³ of 100 mm thick				
(a) 3014.96/m ³				15076%
(17/12) Construction of toe wall for protection of slope as per drawing - do - do - E/I				
9.30 m ³ of 100 mm thick				
(a) 5190.91/m ³				48275%
(18/29) Laying cement concrete pipe NPS (buried - conduit)				
50 feet class bedding - do - do - E/I				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.0 RM	VT MB ($\frac{P}{14}$ at $\frac{13}{24}$)				
(a)	710.25/RM				14205.00
(19/13) Reinforced cement concrete					
MIS grade VTA Stone/brick					
Above of standard do do of					
02 NOS	VT MB ($\frac{P}{14}$ at $\frac{13}{12}$)				
(a)	2199.91/Each				4400.00
(20/14) 200M Stone pillar (precast)					
02 NOS	VT MB ($\frac{P}{14}$ at $\frac{14}{14}$)				
(a)	810.75/Each				1222.50
(21/15) Reinforced cement concrete					
MIS Grade boundary pillar					
-do-do-E/I					
09 NOS	VT MB ($\frac{P}{14}$ at $\frac{15}{15}$)				
(a)	516.36/MT				4647.00
(22/16) Painting the coats					
including primer coat after					
filling the surface -do-do-E/I					
22.32M ²	VT MB ($\frac{P}{15}$ at $\frac{16}{16}$)				
(a)	100.17/M ²				2236.00
(23/17) Painting new Jaffer and					
figures of any shades with					
synthetic enamel -do-do-E/I					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
208 Rectangular perimeter	VTMB	$\left(\frac{P}{4} \text{ at } \frac{17}{14}\right)$			
	(a)	0.53	perimeter	—	110 = 00
24/19 Providing and fixing Rein - Rectangular castiron Mandatory and informally 88m board - do - do - 8/1					
02 Nos VTMB $\left(\frac{P}{15} \text{ at } \frac{19}{14}\right)$					
(a) 4634.58 / Nos					9269 = 00
25/20 Providing & fixing Rein Ref. as above - castiron					
Mandatory and informally 88m board - do - do - 8/1					
06 Nos VTMB $\left(\frac{P}{15} \text{ at } \frac{20}{20}\right)$					
(a) 3460.34 / Nos					20762 = 00
26/21 600mm x 450mm Rectangular 04 Nos VTMB $\left(\frac{P}{16} \text{ at } \frac{21}{21}\right)$					
(a) 4514.39 / Nos					18058 = 00
27/22 900mm x 450mm Rectangular 02 Nos VTMB $\left(\frac{P}{16} \text{ at } \frac{22}{22}\right)$					
(a) 8231.28 / Nos					16468 = 00
28/23 Providing and laying mat Applied thermoplastic 25mm thickness - do - do - 8/1					

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UNIT NO. 10: THE UNIT

PROBLEM

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