

Chota bigha to 11188 to kamta nig shudhar

11188

Schedule XLV Form No. 134.

AKCOL

DIVISION

AKCOL

SUB-DIVISION

753

Measurement Book

Schedule PLV-Form No. 134

NOTES

REFERENCE TO P. W. A. CODE, CHD. VII

Para 30 & 31

1. In recording detailed measurements, the following general instructions should be carefully observed :-

(a) Subject to such subsidiary orders as may be laid down by the local Executive Engineer or Assistant Engineers or by Executive Subordinates in-charges of work to whom measurement books have been supplied by the Executive Engineer for the purpose.

(b) All measurements should be taken down in a measurement book Form 23, issued for the purpose, no where else.

(c) Each set of measurement should commence with entries stating —

(i) In the case of bills for work done :-

- (a) Full name of work as given in estimate
- (b) Situation of work
- (c) Name of contractor.
- (d) Number and date of his agreement and
- (e) Date of measurement

(ii) In case of bills for supply for materials :-

- (a) Name of Supplier
- (b) Number and date of his agreement for order,
- (c) Purpose of supply in one of the following forms applicable of the case —

(i) "Stock" (for all supply for stock purpose)

(ii) "Purchase" for direct issue to the work (full name of work as given in estimate may be mentioned)

(ii) "Purchase" for (full name of work as given in estimate) issued to contractor on and

(d) Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraph 25)

A suitable abstract should than be prepared which / should collect in the case of measurement for work done, the total quantities of each distinct item of work relating to each sanctioned sub-head.

(e) As all payments for work supplies are based on the quantities recorded in the measurement books it is incumbent upon the person taking the measurement to record the quantities clearly and accurately. If the measurements are taken in connection with a running contract account on which work has been previously measured he is further responsible (1) that reference to the last set of measurements is recorded and (2) that if the entire job or contract has been completed the fact is recorded prominently just above his initials.

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - construction of					
Road from five year maintenance					
Chetan bigha NH 93 to Kuntia					
via Bhadiapur Road -					
Under - mmhsy (IC)					
Agency - Hemant Kumar,					
Agreement NO - 90/SBA/					
mmhsy/2019-20					
Date of Commencement - 15/11/2020					
Date of completion - 13/11/2020					
(As per Agreement)					
Block @ 10%					
(As per Agreement)					
Actual completion - 5/03/2022					
(1) Setting out, construction of					
Reference & working					
Bench marks					
1x1					1 NO
(2) Construction of Reference					
Pillars					
1x2					= 2 NO
(3) Clearing and grubbing					
road Land.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Setting out - construction & Reference & working Benchmarks					
wide T.M.B.P. - (1) item (1)					
1 No @ 3477.11/each - 1					3477.11
2) Construction of reference & working Benchmarks					
wide T.M.B.P. - (1) item (2)					
2 No @ 1580.24/each - 1					3160.48
3) Clearing and grubbing land					
wide T.M.B.P. - (2) item (1)					
0.1250 Hect @ 49496.70/Hect - 1					8662.7
4) Construction of embankment with material obtained from borrow pits					
wide T.M.B.P. - (2) item (4)					
318.68 m ² @ 175.11/m ² - 1					5580.4
wide T.M.B.P. (2) item (4)					
743.62 m ² @ 139.62/m ² - 1					10382.4
5) Construction of G.S.B by providing well graded materials.					
wide T.M.B.P. - (4) item (5)					
316.60 m ² @ 2067.99/m ² - 1					65472.6
Continuation					829653.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F			68296532
(6/8) providing, laying, spreading and compacting					
Stone Aggregate W.B.M.					
wide T.M.B.P - (4) item (6)					
144.85 m ² @ Rs 2882.04/m ²					4174632
(7/9) plv and applying primer					
Seal emulsion (SS-1)					
wide T.M.B.P - (5) item (7)					
1062.14 m ² @ Rs 40.82/m ²					433672
(8/10) Take cost					
wide T.M.B.P - (5) item (8)					
1062.14 m ² @ Rs 13.85/m ²					147112
(9/11) mix Seal Surfacing					
wide T.M.B.P - (6) item (9)					
1062.14 m ² @ Rs 174.91/m ²					1857792
(10/12) Cement Concrete					
Pavement (C.C.P)					
Construction of unreinforced					
Cement concrete pavement					
wide T.M.B.P - (6) item (10)					
137.70 m ² @ Rs 5709.28/m ²					7861682
					22771412

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		R.F.			227714120
(11/6) Construction of sub-grade and earthen shoulders.					
Wide T.M.B.P. - (7) Item (11)					
1323.16 m @ Rs 176.75/m					588862
(12/14.15) Kilometer Stone					
(i) 1 km Stone					
Wide T.M.B.P. - (7) Item (12)					
2 No @ Rs 1945.08/each					38902
(ii) 1 km 2 corner Stone					
Wide T.M.B.P. - (7) Item (22)					
2 No @ Rs 548.13/each					10962
(13/17.17) P.V. and fixing of retro reflector to road center on road.					
(i) 600 mm equilateral triangle					
Wide T.M.B.P. - (7) Item (13/17)					
4 No @ Rs 2819.05/each					152762
(ii) 600 mm Circular					
Wide T.M.B.P. - (8) Item (15/18)					
2 No @ Rs 4946.00/each					98922
(iii) 600 mm x 450 mm rectangular					
Wide T.M.B.P. - (8) Item (12/19)					
2 No @ Rs 4820.65/each					966120
Continuation					23758420

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. — B 2375842
(14) 16					P/V and fixing of legs & masonry in form along sign board
					wide T.M.B.P. — (8) item (14)
					3 Nos @ B 9074.44/each
					— B 27222 =
(15) 20					Boundary Pillar
					wide T.M.B.P. — (8) item (15)
					6 Nos @ B 515.40/each — B 3092 =
(16) 22/23					Road marking with hot applied Thermoplastic
					60m bound
					B.T
					wide T.M.B.P. — (8) item (16)
					55.00m @ B 735.46/m — B 40447 =
					C.C.P.
					wide T.M.B.P. — (8) item (16)
					45.00m @ B 817.22/m — B 36774 =
(17)					planting of tree and their maintenance one year
					wide T.M.B.P. — (8) item (17)
					28 Nos @ B 799.22/each — B 22378 =
					2505756 =
					Add @ 12.0% GST — B 300691 =
					Add @ 1% L.C. — B 25057 =
					B 2831504 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F. —					6283150 y
less @ 10% below					6283150 =
					6254835 y
05/07/22					
J.G.					

Statement of materials

Gr-B Gr-I

53 mm to 26.5 mm	= 132.97 m ²
Stone @ 458.24/m ³	
26.5 mm to 4.75 mm Stone	= 170.98 m ²
@ 499.71/m ³	
Sand - 75.98 m ³	
@ 150.80/m ³	

W & M Gr-II

53 mm to 22.40 mm Stone	= 175.27 m ²
@ 458.24/m ³	
Stone screening - 34.76 m ³	
@ 345.52/m ³	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
C.C.P.					
Cement —					48.195 Tons
Sand —					61.97 m ³
@ 150.80/m ³					
Stone —					123.93 m ³
@ Rs 528.14/m ³					
Prime Coat (IS-1)					
					1.06214 Tons
Tack Coat Rs —					0.218642 Tons
S-90 —					2.12428 m ³
Stone Chalk —					28.68 m ³
@ 470.04/m ³					

G/W = 1395.46 m³

1

~~Signature~~

05/07/22

J-G

~~Signature~~

05/07/22

A.V