SHAHGANJ TO KINJAR KODMARAI ROAD

Executive Engineer
R.W.D (W), Division
Arwal

Measurement Book

Schedule XLV-Form No. 134

~~CHANDRA BHUSHAN SINGH~~
VIKASH KUMAR DIVISION

KURTHA SUB-DIVISION

कार्यपालक अभियंता
ग्रा०का०वि०(कार्य) प्रमंडल
अरवल

709

प्रमाणित किया जाता है कि इस मापी पुस्तिका में मशीन अंकित कुल 100 (सौ) पृष्ठ हैं एवं श्री प्रभात कुमार राज सहायक अभियंता कार्य अवर प्रमण्डल, ... को निर्गत किया जाता है

Schedule PLV-Form No. 134

NOTES

REFERENCE TO P.W.A. CODE CHR. VII

Paras 30 & 31.

Executive Engineer
R.W.D (W), Division
Arwal

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 Government detailed measurement should be recorded only by Executive of Assistant Engineer or by Executive subordinate in charges or work to whom measurement books have been supplied to the Executive Engineer for the purpose.
   (b) All measurements should be near taken down in a measurements book Form 23, issued to the purpose in where else.
   (c) Each set of measurements to be recorded 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 the case of bills for supply of 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 supplies for stock purpose).
      (ii) "Purchase" for direct issue to the work (full name of the work as given in the estimate may be mentioned).
      ____
      (iii) "Purchase" for (full name of work as given in estimate) for issue to contractor__________ __________ on __________ and

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

A suitable abstract should than prepared which/ Should collect in the case of measurement for work done the total quantities of each district item of work relating to each sanctioned Sub-head.

(e) As all payment for work suppliers are based on the quantities recorded in the measurement book it is incumbent upon the person taking the measurments to record the quantities clearly & accurately. If 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 measurement is recorded and (2) that if the entire job or contract has been completed the fact is recorded prominently just above his initials.

(f) Entries should be record continuously in the measurement book No. blank pages may be left and no page be turn out. Any page left in advertenly must be cancelled by diagonal lines. The cancellation being attested. See also paragraph or the Public Work Department Code.

(g) No entry may be erased, of a mistake is made it should be correct (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Work Department Code. When any measurements are cancelled, the cancellation must be supported by the dated initials of the officer ordering the cancellation or by reference to his measurements in either case the ... should be recorded.

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 measurements relating to each work).

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1st on a/c Bill					

N/W:- Construction of road from Shahganj to Kinjar Kodmari Road (under (M.M.G.S.Y)

Agency:- Shri Vikash Kumar
Agriment No:-
Date of Commencement:-
Date of measurment - 02-01-2021

Item 1:- Providing & fixing referance Pillars -do-do-all complete job - 2 Nos

Item 2:- Clearing & Grubbing road land -do-do all complete job:

13 x 30m x 3.5 = 1365.00 m²
1 x 25m x 3.5 = 87.50 m²
= 1452.50 m²
= 0.145 Hacs

Item 3:- Excavation of soil using Hydraulic Excavator -do-do-all complete job-

2 x 8 x 30m x 0.375 x 0.100 = 18.00 m³
2 x 1 x 25m x 0.375 x 0.100 = 1.875 m³
= 19.875 m³

Item 4:- Construction of embankment with material obtained from borrow

Continuation

Sch. XLV-Form No. 134

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

Abstract of Cost

Item 1:- Providing & fixing reference pillars
— do - do - all complete job.
= 2Nos @ 1595.00/each Rs- 3,190=00

Item 2:- Clearing & Grubbing road land
— do - do - all complete job
= 0.145 Hac @ 51133.76/Hac Rs- 7,414=00

Item 3:- Excavation of soil with Hydraulic Excavator - do - do - E/E
= 19.88 m³ @ 74.16/m³ Rs- 1474=00

Item 4:- Construction of embankment
— do - do - all complete job
(i) with in Lead of 1000 m
= 114.21 m³ @ 175.22/m³ Rs- 20,011=00
(ii) With in Lead of 100 m
= 266.48 m³ @ 139.85/m³ Rs- 37,268=00

Item 5:- Construction of sub grade earthen shoulder - do - do - E/E
= 380.56 m³ @ 176.86/m³ Rs- 67,306=00

Item 6:- Providing G.S.B Grading A
— do - do - all complete job.
= 85.505 m³ @ 1852.00/m³ Rs 1,58,355=00

Item 7:- Providing W.B.M Grade III
— do - do - all complete job.
= 119.048 m³ @ 2520.06/m³ Rs 3,00,008=00

Item 8:- Providing P.C.C M-30 Pavement
— do - do - all complete job
= 253.98 m³ @ 5386.00/m³ Rs- 13,67,936=00

Continuation

Rs- 19,62,962=00

Sch. XLV-Form No. 134 B.F. Rs-19,62,962=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 9:- Providing & laying Brick sole 1.on edge, -do -do- all complete job					
= 207.50m² @ 473.67/m²					Rs- 98286=00
Item 10:- Providing & fixing K.M stone.					
(i) = 1 No K.M stone @ 1883.22/each					Rs. 1883=00
(ii) 200m stone 2 Nos @ 532.98/each					Rs- 1067=00
Item 11:- Providing Trafic sign					
(i) 600mm. equilateral Triangle					
= 4 Nos @ 3796.57/each					Rs- 15186=00
(ii) 600mm. Circular					
= 2 Nos @ 4923.53/each					Rs- 9,847=00
(iii) 600mm x 450mm. rectangular					
= 2 Nos @ 4808.17/each					Rs- 9,616=00
Item 12:- Providing & fixing logo of MMGSY -do -do- all complete job					
= 3 Nos @ 9032.25/each					Rs ~~18064~~ 27097=00
Item 13:- Providing & fixing Boundary Pillars -do -do- all complete job.					
= 4 Nos @ 514.45/each					Rs- 2058=00
Item 14:- Providing Road marking with Hot applied Thermoplastic compound in c.c Portion					
= 83.00m² @ 735.44/m²					Rs- 61,042=00
Item 15:- E/W in excavation & foundation -do -do- all complete job.					
= 18.63m³ @ 269.32/m³					Rs. 5017=00
					Rs- 21,85,028=00

Continuation

Sch. XLV-Form No. 134 B.F. Rs-21,85,028=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 16: Providing Bedding Type B -do -do -do - all complete job					
= 2.13 m³ @ 453.20/m3					Rs - 965=00
Item 17: Providing P.C.C M-15 -do- -do - all complete job					
= 1.62 m³ @ 4016.55/m³					Rs 6,507=00
Item 18: Providing B/m with C.M (1:4) -do -do - all complete job					
= 14.02 m³ @ 5444.18/m³					Rs - 76,327=00
Item 19: ~~[illegible]~~ Providing R.C.C. H.P 600 mm NP3 H.P -do -do - E/I					
= 7.50 m @ 2597.77/m					Rs - 19,483=00
Item 20: Providing C.P. with C.M (1:4) -do -do - E/I					
= 23.90 m² @ 139.80/m²					Rs 3,341.00
					Rs - 22,91,651=00
Add. 12% G.S.T			+		2,74,998=00
Add. 1% Labour Cess			+		22,917=00
					Rs - 25,89,566=00
Less % as per agreement			(-)		2,600=00
					Rs - 25,96,966=00
Add. Seigniorage fee				+	38,559=00
					Rs - 26,35,525=00
Sd/- 02/01/2020 J.E.					