

Sub XIV Form No. 111

Particulars	Details of actual measurement				Contents of area
	No.	L	B	H	
					13 (25.1) 20.21 m
Less 10% below					(-) 2.17 2.09 m
					R 14.8 18.28
Less provision bill					(-) R Nil
					R 14.8 18.28
					R 17.2 38.28
Def 17.5.2020 56				32.5.20	
Material for Rop Lity					
Soil -					2470.72 m ³
Coarse sand -					203.49 m ³ X 150.80
Bricks -					33874 m X 4.96
Aggregate					
529.5mm					307.20 m ³ X 516.42
9.5mm - 236					122.88 m ³ X 411.33
40mm					5.38 m ³ X 441.08
20mm					2.69 m ³ X 550.85
10mm					0.89 m ³ X 614.17
Def 17.5.2020 56					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Brick masonry work					
29 in cm (11.4) do do					
vide item no 3					
P. No 2 —				31.118	
vide item no 8 P. No 2 —				10.85	
vide item no 9 P. No 3 —				26.18	
				57.398	67.748
					386267.0
@ Rs 5701.52/m ³ —					Rs 27256.0
(9) providing and laying					
30 R.C.C HP2 do do					
vide item no 4					
P. No 2 —				22.567	
@ Rs 1179.63/m —					Rs 26542.0
(10) providing and laying					
31 R.C.C HP2 do do					
vide item no 10					
P. No 3 —				7.5 m	
@ Rs 3483.82/m —					Rs 26129.0
(11) plastering with					
32 (11.4) on brick work					
do do vide item					
No 6 P. No 2 to 3 —				102.32	
vide item no					
@ Rs 151.89/m ² —					Rs 15541.0
					Rs 1982031.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	I.	B.	D.	
(4) construction of sub grade					
6 P. construction shoulder					
do do vide item					
no 12 P. no 5					
—				1698.89	
@ Rs 223.01/m ³ —					Rs 378869.0
(5) construction of G.S.B					
7 by well graded material					
do do vide item no 1					
13 P. no 5 —				405.04	
vide item no 14 P. no 5 —				75.063	
				480.103	
@ Rs 1922.35/m ³ —					Rs 922728.
(6) E/W excavation in					
27 Foundation do do					
vide item no 2					
P. no 1 —				46.8843	
⇒ vide item no 7 P. no 3 —				29.7943	
				76.6783	
@ Rs 285.17/m ³ —					Rs 21864.0
(7) providing P.C.C. in					
28 Foundation do do vide					
item no 8 P. no 3 —				2.709	
⇒ vide item no 3 P. no 2 —				8.52	
				11.229	
@ Rs 4533.33/m ³ —					Rs 50905.0

Continuation

1st of 1/1

17/12/19

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Name of road:-	Construction of				
	road 3 lanes for Tinseltown				
	School 12 Chak 12/12/19/12/19/12/19				
	black under 17/12/19/12/19/12/19				
Agency:-	Sri Sanjay Kumar				
	Raja Bazar, Jharkhand.				
Ag No	10832/2019-20				
Date of work order:-	12.12.2019				
Date of work completion:-	12.09.2020				
Date of entry:-	17.5.2020				
①	Clearing and grubbing				
3	road land do do				
	vide item No 1 P. 110				
	1-	0.4234 hectare			
	@ Rs 49524.68/L — Rs 20969.6				
②	Construction of embankment				
4	with approved material				
	do do vide vide item				
	No 11 (i) P. 110 4				
	688.79 m ³				
	Limit 603.86 m ³				
	@ Rs 175.11/m ³ — Rs 105742.				
③	Construction of embankment				
5	with approved material do do				
	vide item No 11 (ii) P. 110				
	4	172.194 m ³			

Ent - 167.974

@ Rs 137.62/m³ — Rs 26475.1

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Particulars	Details of actual measurement				Cumulative of area
	No.	L.	B.	D.	
(11) E/W C.C. Culvert					
(11.11)					
Charge	10.86	cross Area	mean Area		Volume
0.00	0.0	4.32			0.00
50.00	50.0	4.32	4.32		216.0
100.0	50.0	4.36	4.34		217.0
150.0	50.0	4.03	4.343		217.25
200.0	50.0	3.65	3.84		192.0
250.0	50.0	3.85	3.75		187.50
300.0	50.0	3.24	3.53		176.50
350.0	50.0	5.70	4.205		210.25
400.0	50.0	4.85	5.025		251.25
450.0	50.0	4.40	4.625		231.25
500.0	50.0	4.30	4.35		217.50
550.0	50.0	5.35	4.825		241.25
600.0	50.0	5.05	5.15		257.50
					2615.25 (A)
650.0	50.0	5.65	5.30		265.0
700.0	50.0	5.85	5.75		267.50
750.0	50.0				3167.75
800.0	50.0				
Less for C.C. work portion					
checked note 3x 7.5m x 0.83 x 2.80 = 370.96					370.96
1x 7.5m x 1.13 x 3.93 = 33.30					33.30
Less for C.C. P. estimate					
(1722.5 + 405 + 75)					2102.5

Continuation

(i) $860.99 \times 0.8 = 688.79$ 860.99

(ii) $860.99 \times 0.20 = 172.19$ 10

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13.5	105.56
less Pipe $2 \times 2 \times \frac{1}{4} \times (0.230)$					(-) 3.24
<i>Aug 20.5.2020</i>					102.32
Dalor Entry				06.5.2020	
1000mm dia H.P.C					
(7) E/W Excavation in					
27 Foundation do-do					
$2 \times 6.45 \times 1.4 \times 1.50 =$					27.09
$1 \times 4.657 \times 1.53 \times 0.36 =$					2.70
					29.79
					6.5
(8) Pounding per m ²					
28 in Foundation					
$2 \times 6.45 \times 1.40 \times 0.150 =$					2.709
<i>Aug 20.5.2020</i>					6.5
Dalor Entry				06.5.2020	
(9) Brick masonry work					
29 in (1:4) in Foundation					
do-do					
$2 \times 6.15 \times 1.250 + 0.40$					
					$\times 2.58 = 26.18$
less for Pipe					
$2 \times \frac{1}{4} \times (1.23)^2 \times 0.622 =$					(-) 1.97
					24.71
(10) Pounding and Laying					
31 R.C.C Pipe HP3 1000mm dia					
do-do					
$3 \times 2.5 \text{ m}^2$					7.5 m

Continuation

Aug 20.5.2020
20.5.2020
20.5.2020

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Masonry P.C.C. 1:5					
28 Foundation do do					
	3 x 2 x	3.9 x	1.15 x	0.150	29.03
	4 x 2 x	3.30 x	1.12 x	0.250	4.79
					8.52
(2) Plaster masonry work					
29 in (1:4) in brick work					
do do					
	2 x 2 x	2.6 x	1.04 x	0.40	2.18
					32.44
Press pipe					
	3 x 2 x	$\pi/4$ x	(0.53) ²	(0)	
				x 0.52	1.225
					2.18
Plaster body -					29.4.2010
(4) Providing and laying					
30 R.C.C pipe 400 ³ plate					
(10 mm dia) 2 x 3 x 2.5					22.5 m
(5) Plaster masonry					
29 work on (1:4)					
1 m plaster do do					
	3.4 x	2.6 x	0.4 x	1.20	10.35 m ²
(6) Plastering with (1:4)					
32 (1:4) on brick work					
do do					
outer side 2 x 3 x		2.6 x	3.35		73.00 m ²
inner side 2 x 3 x		3.60 x	0.60		12.96
400 - 3.4 x 2 x		3.6 x	0.40		8.64 m ²
600 - 3 x 4 x		0.45 x	2.03		10.96
					100.56

Continuation

1st 03 0/2

1. 8.000

12.7. 600

12.7. 200

8.000

1

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				Contents of area
	No.	L.	B.	D.	
Name of work					
School					
Name of Agency					
Runway					
Ag No.	10	5.8.2019	2019	2020	
Date of work order		21.12.19			
Date of work done		12.09.2020			
Ag value		43947.81			
Specimen		581502			

No. 174628500

Date of Entry: 26/9/2020

1/3 Clearing and grubbing
20-20-20-20

1x 90m x 7.2 x 6.0 = 264.0m²

200m x 6.0m = 1200m²

360m x 6.0m = 2160m²

360m x 6.1m = 2196m²

1x 100m x 6.1m = 610m²

ie 0.4234/ha 1234.0m²

2 E/W Excavation

27 Foundation 20-20

3x 2x 3.9 x 1.15 x 1.15 = 90.76

Belumpire 3x 5.35 x 1.13 x 0.86 = 6.82

276.88

42

NOTES

REFERENCE TO P.W.A. CODE
Executive Engineer
R. W. D. (W) Division
Jehanabad
 Paras 39 & 81

1. In recording detailed measurements, the following general instruction 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 measurement book Form 23, issued for the purpose in where else
 - (c) Each self of measurement should commend 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 contract
 - (c) Number and date of his agreement, and
 - (d) Date of measurement.
 - (ii) "Stock" (ii) "Purchase for direct issue to (here entry full name of work as given to estimate)
 - (iii) "Purchases" or (here enter 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 24, A suitable.

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

- (d) As all payment for work suppliers are based on the quantities recorded in the measurement book it is incumbent upon the person taking the measurements 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.
- (e) 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 adveltenly must be cancelled by diagonal lines, The cancellation being attested, See also paragraph or the public Work Department Code.
- (f) 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 orders initialled by the officer who made the measurements in either case he reason for cancellation should be provided with an index which should be kept up to date.

E. E. Roodus Johnson / DIVISION
A. E. Roodus Halsey / B-DIVISION
K. A. R. 11

Measurement Book

No.

2621

Name of officer _____

Date of first entry _____

Date of last entry _____

Timarpur School to char hasan

MMb-ly

Shedule XLV Form No. 134.

E E Road Coy 2nd Jh. Jharnala DIVISION

A. E. Road Coy 1st Jh. Jharnala SUB-DIVISION

2821

Measurement Book