

PM 55 Road to Perial Gram
Schedule XLV-Form No. 134

Area :- Raj Bahdan Singh.

DIVISION

A.E. Road (w) approx. **SUB-DIVISION**

MEASUREMENT BOOK

No.-3967

Name to work—

1

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 the measurements relating to each work.)

Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
Name of work:- Const. of road from Poojary Road to Barad from.					
Officer:- Raj. Bhuson Singh					
Agreement:- 17MBD/22-23					
Date of start:- 14/10/22					
Date of comp. - 13/10/23					
		</			

① Clearing & grubbing road land—

2x10x30x1.0 = 600.0 m ² ✓	
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2x10x30x1.0 = 600.0 m ² ✓	
2x10x30x1.0 = 600.0 m ² ✓	
2x10x30.0x1.0 = 600.0 m ² ✓	
2x10x30x1.0 = 600.0 m ² ✓	
2x1x55x1.0 = 110.0 m ² ✓	
	4910.0 m ² ✓
	≈ 0.491 HA ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$32 \times 1.1 \times 0.6 \times 0.075 = 1.584$ ✓
					$8.2 \times 3.0 \times 0.075 = 1.845$ ✓
					$4 \times 1.5 \times 3.0 \times 0.075 = 1.35$ ✓
					$20 \times 0.3 \times 0.7 \times 0.075 = 0.315$ ✓
					$28 \times 2.0 \times 1.0 \times 0.075 = 4.20$ ✓
					$7.2 \times 2.5 \times 0.075 = 1.35$ 1.242
					$6.10 \times 3.5 \times 0.075 = 1.601$ ✓
					$10.71 \times 2.5 \times 0.075 = 2.008$
					$8.5 \times 2.6 \times 0.075 = 1.65$ 0.926
					$12.30 \times 3.55 \times 0.075 = 3.274$ ✓
					24.812 m^3
Total					24.35 ✓
					24.38 m^3

④ W.B.M II :- P.V. 12/09
 Spreading & comp.
 Stone aggregate
 ch -

					$24 \times 0.8 \times 0.6 \times 0.075 = 0.864$ ✓
					$32 \times 1.1 \times 0.6 \times 0.075 = 1.584$ ✓
					$12.30 \times 3.55 \times 0.075 = 3.274$ ✓
					$8.5 \times 2.6 \times 0.075 = 1.65$ 0.926
					$10.71 \times 2.5 \times 0.075 = 2.008$
					$6.10 \times 3.5 \times 0.075 = 1.601$ ✓
					$7.2 \times 2.5 \times 0.075 = 1.35$ 1.242 m^3
					$28 \times 2.0 \times 1.0 \times 0.075 = 4.20$ ✓
					$20 \times 0.3 \times 0.7 \times 0.075 = 0.315$ ✓
					$4 \times 1.5 \times 3.0 \times 0.075 = 1.35$ ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$8.2 \times 3.0 \times 0.075 = 1.845$
					$24 \times 0.8 \times 0.6 \times 0.075 = 0.864$
					$14 \times 0.6 \times 0.3 \times 0.075 = 0.189$
					$5 \times 2 \times 3.75 \times 0.075 = 2.881$
					$12 \times 0.95 \times 1.5 \times 0.075 = 1.281$
					$16 \times 1.2 \times 1.0 \times 0.075 = 1.44$
					$10 \times 1.2 \times 2.5 \times 0.075 = 3.187$
					$12 \times 1.8 \times 1.40 \times 0.075 = 2.268$
					$12 \times 0.95 \times 1.5 \times 0.075 = 1.281$
					$4 \times 1.5 \times 3.0 \times 0.075 = 1.35$
					$5 \times 2 \times 6 \times 2.5 \times 0.075 = 2.26$
					<u>36.21 m³</u>
					36.934 =
					Limit - 36.29

(5) D.L.C. - Const. of dry lean cement concrete pub lane do -					
					$10 \times 0.6 \times 0.5 \times 0.075 = 0.225$
					$12 \times 0.5 \times 0.6 \times 0.050 = 0.18$
					$15 \times 0.8 \times 1.2 \times 0.050 = 0.72$
					$25 \times 1.5 \times 2.0 \times 0.075 = 5.625$
					$14 \times 1.6 \times 0.5 \times 0.100 = 1.12$
					$24 \times 0.6 \times 1.5 \times 0.05 = 1.08$
					$20 \times 0.8 \times 0.5 \times 0.075 = 0.60$
					$24 \times 0.5 \times 0.6 \times 0.05 = 0.36$
					<u>9.91 m³</u>
					Net 9.844 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ RCC 1080:- cost of 1st reinforced cement concrete slab					
		$10 \times 30.0 \times 3.75 \times 0.16$			180.0 m^3
		$5 \times 30.0 \times 3.75 \times 0.16$			90.0 m^3
		$2 \times 30 \times 3.75 \times 0.16$			36.0 m^3
		$1 \times 15 \times 3.75 \times 0.16$			9.0 m^3
					315.0 m^3
⑦ Primer coat:- 1st & applying Primer coat with (SS-D) do					

$24 \times 0.8 \times 0.6$	$=$	11.52 m^3
$32 \times 1.1 \times 0.6$	$=$	21.12 m^3
12.30×3.55	$=$	43.665 m^2
8.5×2.6	$=$	22.10 m^2
10.71×2.5	$=$	26.775 m^2
6.10×3.50	$=$	21.35 m^2
7.2×2.50	$=$	18.0 m^2
$28 \times 2.0 \times 1.0$	$=$	56.0 m^3
$20 \times 0.3 \times 0.7$	$=$	4.20 m^3
$4 \times 1.5 \times 3.0$	$=$	18.0 m^3
8.2×3.0	$=$	24.60 m^2
$24 \times 0.8 \times 0.6$	$=$	11.52 m^3
$14 \times 0.6 \times 0.3$	$=$	2.52 m^3
$5 \times 2 \times 3.75$	$=$	37.50 m^3

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
		$12 \times 0.95 \times 1.5 =$			17.10
		$16 \times 1.2 \times 1.0 =$			19.20
		$10 \times 1.7 \times 2.5 =$			42.50
		$12 \times 1.8 \times 1.4 =$			30.24
		$12 \times 0.95 \times 1.5 =$			17.10
		$4 \times 1.5 \times 3.0 =$			18.0
		$2 \times 6 \times 2.5 =$			30.0
					493.01
Area					484.27
					Limit 489.87
(8) Tax cert: - P/b of P/b					
Tax cert note					
(RS-1) —					

in P/c area					
		$12 \times 1.4 \times 1.8 =$			30.24
		$6 \times 10 \times 3.50 =$			21.35
		$4 \times 1.5 \times 3.0 =$			18.0
		$5 \times 2 \times 3.75 =$			37.50
		$28 \times 2.0 \times 1.0 =$			56.0
Qty same as item (7)					484.27
					Limit 489.87
					total Qty = 647.36
					Limit 644.22
(9) P/S: - P/b, paving & rolling of closed grade					
P/b					
Qty same as item (8)					Limit 644.22
					Qty = 644.62

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 10 \times 30 \times 0.5 \times 0.3 = 90.0 \text{ m}^2$
					$2 \times 4 \times 30 \times 0.6 \times 0.45 = 64.80 \text{ m}^2$
					<u>766.80 m²</u>
(13) In PCC 15 cm thick					
for →					
(i) K.M. for = 03 m ² ✓					
(ii) 200 mm for = 12 m ² ✓					
(14) Direction & place					
intermediate sign post					
—					
$2 \times 2 \times 0.8 = 1.92 \text{ m}^2$ ✓					

(15) P.M. & being carrying					
from road ←					
(i) 600 mm equivalent for = 12 ✓					
(ii) 600 mm for = 6.0 m ✓					
(iii) 600 x 450 rectangular = 60 m ✓					
(16) In PCC 15 cm					
boundary pillar					
Qty = 32 m ² ✓					
(17) Photo of trees on					
road side					
—					
Qty = 194 m ² ✓					

Abstract of cost

① clearing & grubbing road
0.491
0494 Ha. nick m.B. by ①
@ 59.726 = 52/ha - 29325 ✓

② GSB-II :- cost of GSB
by pp well grubbed
28.35 m² nick m.B. by ②
@ 2603 = 94/m² - 73822 ✓ m

③ WBM II :- pp, paving
providing a crest -
24.35
24.38 m² nick m.B. by ③
@ 4681 = 53/m² - 114129 = 00
114136 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① <u>Open</u> : - 9/10 typ.					
Limit 36.29					
35211 m ² side m.B. g. (6)					
@ 4319.15/m ² - 156742.00					156742.00
⑤ <u>D.L.C.</u> : - 9/10 D.L.C. on sub base -					
2844 m ² side m.B. g. (6)					
@ 4091.36/m ² - 40275.20					40275.20
⑥ <u>P.C.M. 35</u> : - road gully					
3150 m ² side m.B. g. (6)					
@ 8081.89/m ² - 256579.20					256579.20
⑦ <u>Prime cut</u> : - 9/10					
Limit 483.87					
48427 m ² side m.B. g. (6)					
@ 59.54/m ² - 28833.20					28833.20
⑧ <u>Tack cut</u> : - 9/10					
applying (P.S.D) -					
644.22					
644.62 m ² side m.B. g. (6)					
@ 20.27/m ² - 13066.00					13066.00
⑨ <u>M.S.S.</u> : - 9/10 app/ly					
Limit 644.22					
644.62 m ² side m.B. g. (6)					
@ 269.69/m ² - 173847.20					173847.20
					173740.20
					175088.20

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) <u>part cut - P/S</u> <u>applied (P/S-D)</u> <u>7237.00 m² side m.B.B. (2)</u> <u>@ 16.89/m² - 122841 = 10</u>					
(11) <u>S.D.B.C. - P/S applied</u> <u>S.D.B.C.</u> <u>18.94 m² side m.B.B. (2)</u> <u>@ 14590.55/m² - 263639 = 10</u>					
(12) <u>cut of pub. grave</u> <u>& earth fill in</u> <u>766.80 m² side m.B.B. (8)</u> <u>@ 238.33/m² - 182781 = 10</u>					

(13) <u>P/S P.C.C. m/s cut & out</u> <u>(i) K.M. Stc</u> <u>03 m/s side m.B.B. (8)</u> <u>@ 2609.20/m² - 7828 = 10</u>					
(14) <u>Levelling & P.C.C.</u> <u>12 m/s @ 750.30/m² - 9004 = 10</u>					
(15) <u>Dip road & P.C.C.</u> <u>intermediate from cut</u> <u>1.92 m² side m.B.B. (8)</u> <u>@ 13537.20/m² - 25223 = 10</u>					
(16) <u>P/S & P.C.C. cutting</u> <u>from cut</u> <u>4) 600 m @ 900.00/m² - 540000 = 10</u> <u>12 m/s @ 3811.589/m² - 45743 = 10</u>					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) boundary —					
Land @ 3849 = 04/24/24					23094 ²⁰
(12) boundary —					
Land @ 3720 = 84/24/24					22328 ²⁰
(13) plantation of trees on road side					
194 m ² side m.B. B-8					
@ 1039 = 55/24/24					20653 ²⁰
(14) Acc m.B. as boundary Pillar —					
32 m ² side m.B. B-8					
@ 638 = 69/24/24					20438 ²⁰
(15) Road m.B. as by hot thermoplastic Paint —					
491.0 m ² side m.B. B-9					
@ 762 = 51/24/24					374392 ²⁰
(16) Pl. B. as m.B. as by hot —					
02 m ² side m.B. B-9					
@ 10422 = 99/24/24					20946 ²⁰
(17) Pl. B. as m.B. as —					
5.76 m ² side m.B. B-9					
@ 5755 = 91/24/24					33154 ²⁰

Continuation

Add mortgage fee $\$ 64619 = 00$
 $\$ 7884795 = 00$
 78,850,18 = 00
 debit 0.25% below $\$ 19711 = 00$
 19,713 = 00
 $\$ 7865089 = 00$
 78,65,305 = 00

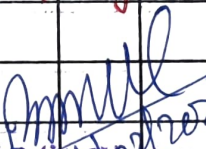
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~~13/10/2003~~

Allocation Lt No: 12 WE/ DL: 03-02-2023
 Allocation amount ₹ 78,50,501 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>gst on A/c bill:-</u>					
Proposed live value:- 78,65,305=00					
Allocation value :- 78,50,501=00					
Previous payment:- NIL					
Memo of payment:-					
g. Tax @ 1%:- 78,505=00					
s. GST @ 1%:- 78,505=00					
c. GST @ 1%:- 78,505=00					
L cem @ 1%:- 78,505=00					
Royalty - 1,62,805=00					
SF - 64,619=00					
SD @ 5%:- 3,92,525=00					
Planting of Trees - 1,41,158=00					
Total deduction ₹ 10,75,127=00					
By, CFMS, payment ₹ 67,75,374=00					
Grand total ₹ 78,50,501=00					
Paid for Rs. 78,50,501=00 (Seventy eight lacs fifty thousand five hundred one) only.					
 Executive Engineer C.W.D. (W) Division Changanassery Failed 14/02/23 2059h 14/02/2023					
paid by CFMS					
<u>Saneathra</u>					
2202570450					

Continuation

Date - 14-02-2023