

Agcy. Ma Shanti Const.

Tot To Pathan 10/19 -

11.11.484-5C

~~Serial~~ XLV-Tom No 114;

34 SAB/2020-21

(O-029.5e10m)

DMAR P.W.D.

E.E. R.W.D. WDMs - Hyderabad Division

Atc Madanpur 3rd Division

D.O.S - 07/08/20

D.O.C. ~~MAJIDUR RAHMAN~~ Nb/2858

06/08/21.

Certified That This M.B. Contain (100)
Pages By Print Machine And Issued
To Sri... Baham Ram ... A.E.-R.W.D.
Work Sub-Div... Madanpur...

YK Singh
10/7/20
Executive Engineer
Rural Works Department
Work Division Aurangabad

[Signature]
10/7/20

Surveyed E.L.V. - Form No. 134.

EE A Bad. DIVISION.

A.E. Madanpur. DISTRICT.

MEASUREMENT BOOK.

2858

511186

Sri Yashuendra Yadav Baham Ram Madanpur
A.E. Baham

Date of this entry

Date of this entry

Date of this entry

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Item ③ clearing & grubbing road end —					
$2 \times 30 \times 30 \times 3.50 = 6300 \text{ m}^3$					
$2 \times (4 \times 30 + 5) \times 3.50 = 875 \text{ m}^3$					
					7175 m^3
					$\approx 0.7175 \text{ Hect}$
					$\approx 0.72 \text{ Hect} \checkmark$

Item ④ Complete change of drainage					
2 existing drains					
— do —					
Lead — 1000m					
$(2 \times 30 \times 7.30 \times 0.30 + 5 \text{ m}) = 1587.75 \text{ m}^3$					
$(4 \times 30 + 5) \times 7.30 \times 0.30 = 273.75 \text{ m}^3$					
					1861.50 m^3
					$0.30 \times 1861.50 = 558.45 \text{ m}^3$
Item ⑤ Lead — 1000m					
$0.70 \times 1861.50 = 1303.05 \text{ m}^3$					

Continuation

12/3/21
A.E.12/3/21
A.E.

Continuation

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
③ Clearing & grubbing road & grade. - do -					
note - ② 1.72 ft					
or 51133.76 ft ³ or 36816 = 0					
④ Boycott - 8 ft wide - do -					
note - ⑤ 13.13 ft					
or 74116 ft ³ or 974 = 0					

⑤ 8 - Construction of grade in center of road - do -					
note - ② 558.45 ft ³					
or 126.58 ft ³ or 98611 = 0					
619 - Construction of 8 ft wide center of road lead - 100 ft					
note - ② 1303.05 ft ³					
or 141.17 ft ³ or 183952 = 0					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
7/10/1984 structure of 954 m ²					
for the by Principle					
noted. →					
Vol - (1) 723.52 m ³					
CB 2364.30 m ³ 1710642 m					
8/11- 11/11- The					
Group spreading					
(concrete) stone					
Aggregate					
do - do					
Complete 1558					
per 10 of 10					
Vol - (2) 49.40 m ³					
CB 3157.29 m ³ 155975 m					
9/12- E/W on excavation					
on foundation					
-o-o-					
Vol - (3) 119.19 m ³					
CB 269.32 m ³ 32100 m					
10/12- Area 19.54 m ² 19.54					
Concrete foundation					
Vol - (4) 18.38 m ³					
CB 4712.71 m ³ 86642 m					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
11/33 - P. Area Cement Concrete on floor slab - do - Side - (4) 134. 563 or 544704/13 735133 = 0					
12/34 - P. and R. area RCC wall pipe - do - Side - (5) 30 metre or 3828.25 18 or 11484820					
13/35 - P. Area conformation - do - Side - (11) 24 or 9227.18 18454 = 0					
14/36 - P. Area structure - do - Side - (2) 324 or 454.7 1571 = 0					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1537 - D.M. masonry of trap structure - 2 - compartment side - (3) 122-76 1/2					
231.77 1/2 3 1/4					28482
16138 - Removal of old type of trap structure do -					
side - (3) 2000 MC					
Qty 226-34 1/2 1/4					4727
					322406
Adding					
129251 1/2					396888
1% Reserve					32241
					3643190
Deduction for					
Agreement 0.02%					
below					72920
					3643190
					36424620
20/5/21					
					C&P
					20/5/21

Continuation

22,99,000/-

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
5/8 - Construction of bridge					
Construction of bridge					
log type - 100 - 200					
Concrete - 100 - 1000 m					
ice - 1/9 - 558.45 m ³					
R ₁ 176.55 m ³ - 1/3					98611.00
6/9 - Construction of bridge					
Construction of bridge					
ice - 1000 m					
ice - 1/9 - 1303.05 m ³					
ice, K ₁ 171/3 - 1/3					183952.00

7/10 - Construction of bridge					
Construction of bridge					
log type - 100 - 200					
ice - 1/10 - 723.33 m ³					
R ₁ 236.25 m ³ - 1/3					1710642.00
8/11 - Construction of bridge					
Construction of bridge					
stone aggregate - 10					
Wells for drainage					
- do -					
ice - 1/10 - 49.40 m ³					
ice - 1/10 - 244.79 m ³					
Σ					2941.97 m ³ 294.04 m ³

Continuation
R₁ 3157.39 m³ - 1/3 928399.00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
17/38 - Removal of old types of concrete bed. --- do --- Width 12 - 20 mtr 22.6.34 18.12.41 4727=0 R ₁ 4623740=0 Adding 12.35T - P ₁ 5548492 14.10.41 18.12.41 46237=0 R ₂ 5224826=0 Add Deduction 18.12.41 Agreement (10.02.46 46237) 1045=0 1.11.41 36,37,200 R ₃ 5223781=0 Deduction of previous item R ₁ 2290080=0 Add 27/10/41 2933781=0 JE 14/7/41 8P 2933781 14/7/41 1.11.41 3,47,200 - 1.11.41 Sum - 47,423 Stone aggregate - 391.063 Stone screening 10.11.41 - 58.753 Add 27/6/41 27/6/41 JE 27/6/41					

Continuation

2nd Archth

13,47,200

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Measure of Payment</u>					
S.D. Arch th		1,07816			734861
E.T. Arch th		26954			
L. Arch th		13477			
S. Arch th		13477			
L. Arch th		13477			
S. Arch th		26900			
Arch th		61000			
M. Arch th		67385			
B. Arch th		19,17214			
Arch th		1347200			

Rated for 13,47,200
in 10000000

for 10000000
and 10000000
hundred only.

[Signature]
20/10/21

Executive Engineer
R.W.D. (W) Division
Amangabad

[Signature]
29/10/21
21

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① Reference Plot - vide TMBP (16) 1103					
Ch 1803.1103					7212=50
② clearing & grubbing road land - do -					
vide TMBP (16) 0.7244					
51133.76					36816=9
③ Box cutting -					
vide TMBP (16) 13.133					
Ch 74.16/103					974=00

⑤ Construction of embankment material obtained from excavated area do -					
vide B4063 Page ⑤					
71.8103					
Ch 26.11/103					206=00
⑥ Construction of embankment material obtained from local 150 m.					
vide B4063 Page ⑤					
50.75103					
Ch 121.03/103					6650=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(1) Construction of embankment					
width 7 ft 6 in - 10 ft 6 in					
do — 1000					
width 10 ft 6 in (10)					
521. 1710 ³					
ofs 174.94 / 2 = 87.47					
91173 = 0					
(2) Construction of drainage					
width 10 ft 6 in					
do — 1000					
width 10 ft 6 in (10)					
558.45 ³					
width 10 ft 6 in (10)					
200. 16 ³					
59.11 ³					
width 10 ft 6 in					
56.57 ³					
ofs 176.58 / 2 = 88.29					
133595 = 0					
(3) Construction of drainage					
width 10 ft 6 in					
do —					
width 10 ft 6 in (10)					
1303.05 ³					
width 10 ft 6 in (10)					
468.22 ³					
1771.27 ³					
width 10 ft 6 in					
1765.84 ³					
width for road					
cutting off — 7.88 ³					
1763.96 ³					
ofs 141.17 / 2 = 70.585					
248938 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(10) Sub-structure of Regular 4x5 side by primary material, stone masonry - do - do concrete Joints 1888/1889					
Vol. Temp (17) 723.53 m ³					
at 22 64.35 m ³ 1710 642 m					
(11) Sub-structure - 1/4, 1/4 ft stone masonry - Compacting Stone Aggregate - - do - do concrete Joints 1888/1889					
Vol. Temp (17) 294.04 m ³					
at 257.39 m ³ 928 399 m					
(12) Pond wall - 1/4 ft stone masonry - 1/4 ft stone masonry - 1/4 ft (521) - do -					
Vol. Temp 40.68 m ³ (2) 3251.25 m ³					
at 44.98 m ³ - 145916 m					
(13) Pond wall - 1/4 ft stone masonry - 1/4 ft stone masonry - 1/4 ft Vol. Temp 40.68 m ³ (2)					
3251.25 m ³ at 15.26 m ³ 49614 m					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(14) m/s Seal-putting type-B - Plastering and rolling of close- board premium plastering material - do - do Complete for 2888 sq ft					
vide MB 408 P ②					3251.25 m ²
or 194.31/m ²					633376 = 0
(15) cap - construction of 4-in reinforced Plaster Complete concrete plaster					
- do -					
vide MB 408 P ③					105.40 m ³
or 59.51/m ³					627249
(16) Hand masonry - vide MB 408 P ④					8750 m ²
or 543.78/m ²					47581 = 0
(17) kilowattre Stone - vide MB 408 P ⑤					
2 m/s					
or 1998.59 each					5996 = 0
(18) 20 cm stone vide MB 408 P ⑥					4 m/s
or 553.98 each					2216 = 0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(19) Plotting in survey					
400 in for m survey					
board —					
vide map to 400 ft (5)					
4 rods					
on 9.227. Board 369 09 = 0					
(20) Plotting Heli level					
figures do —					
vide map to 400 ft (7)					
176 contour lines. 1/2 in.					
on 0.52 area 1/2 72 = 0					

(21) Boundary fields —					
vide map to 400 ft (3) and					
on 464.33 area 1/2 14856 = 0					
(22) Retro Reflection set					
traffic sign —					
do —					
600 mm triangular					
vide map to 400 ft (12) 1/2					
on 3668.87 area 1/2 44026 = 0					
(23) 600 mm circular —					
vide map to 400 ft (7) — 600					
on 4040.78 area 1/2 29645 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(24) 800mm x 600mm Rectangular Vide 4068 P (7) - 8108 Area 6913.76 sqm					55310 = 0
(25) 650mm x 450mm Rectangular Vide 4068 P (7) - 6108 Area 4310.5 sqm					28864 = 0
(26) 900mm octagonal Vide 4068 P (8) - 2108 Area 8836.65 sqm					17673 = 0
(27) Road marking with Red. 7th Street Thermoplastic Compound - do - Vide 4068 P (8) - 1707 Area 735.44/9 ² sq					125025 = 0
(28) Road marking with Red. 9th Street - Thermo - Plastic Compound - do - Vide 4068 P (8) 356 Area 821.29/9 ² sq					28745 = 0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(27) Planting of trees by road side do —					
Spec —					
Rate 1068 P-② 85 lbs					
Qty 815.26 each Rs 69297.20					
(28) Irrigation Poles 300 mm dia.					
Rate 4068 P-② 60 metre					
Qty 909.50 each Rs 54573.00					
(29) Filling excavation on foundation					
Rate —					
Rate 119.17 ³					
Qty 269.32 ³ Rs 32150.20					
(30) Plo. mas for leveling					
Rate —					
Rate 18.38 ³					
Qty 4713.71 ³ Rs 86642.20					
(31) Plo. Placement concrete structure					
Rate —					
Rate 134.96 ³					
Qty 5447.04 ³ Rs 735133.20					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(24) Plastering Rec. Pipe					
10% for waste					
- do -					
Waste 10% (19) 20 metre					
Vol 38.28 m ³					
metre $\times$ 114848 = 0					
(25) Plastering on brickwork					
- do -					
Waste 10% (19) 85.5 m ²					
Vol 97.19 / 100 = 8024 = 0					
(26) Dismantling of					
existing structure					
- do -					
Waste 10% (19) 3.24 m ³					
Vol 484.74 / 100 = 1571 = 0					
(27) Dismantling of					
existing structure					
- do -					
Waste 10% (19) 122.66 m ³					
Vol 236.34 / 100 = 28452 = 0					
(28) Removal of curty wall					
structure					
Waste 10% (19) 20 metre					
Vol 236.34 / 100 = 4727 = 0					

Continuation 6261023 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					B. File 6201023=4
Adding 8 st-12 9/10 ps					74412324
10 22/1000 1 1/2 ps					6201024
					R 700715620
Deduction as per Agreement					
(0.02% below)					R 140120
Deduction as per previous payment					R 700575520
2290000 + 1347700 =					R 365170024
Certified that the work has been					336805520
Completed as per specification and drawings					
El					
12/11/2021					12/11/2021
					Ch P
					12/11/2021
					4/2/2022

Continuation