

SANTOSH GOF.

Belkharas Road to Rampracharyam Road H. S. Solapur

NDS

Shedule XLV Form No. 134.

ARCOAL

DIVISION

ARCOAL

SUB-DIVISION

Measurement Book

871

ABSTRACT COST

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work: Belkhara Road Rampur Chauvan to Balma.					
Agency: Sandesh App.					
Agreement NO: 15/SPD/MMW/23-2					
Package NO: MMW (AWSEH) - NDR BRRP2-56/Amal					
Date of Commencement: 01/7/24					
Date of Completion: 28/2/25.					
Date of Actual Completion: 14/8/24.					
1/1. providing and fixing of working Benchmarks Complete all 52.					
TMB page: 18.					
(i) Benchmark pillars = 1.0 NO					
C. 4475.32/each RS = 4475.00					
2/2. Reference pillars Complete all 52.					
TMB page: 18.					
Qty = 2.0 NOS					
C. 2070.62/each RS 2 4141.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3/3. clearing and grubbing area all job.					
TM 13 page: 10.					
Qty 2 0.43/hae					
@ 75573.21/hae 121 =					32496.5
4/4. cutting of tree including cutting of trunk branches and removal of stumps all job.					
TM 12 page: 10.					
Qty 2 3.0 Nos.					
@ 357.26/Each 121 =					1072.5
5/6. Dismantling of existing structure and other structure cement concrete Complete all job.					
TM 13 page: 18.					
Qty = 78.0 m ³					
@ 683.75/m ³ 121 =					53332.5

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6/7. Box cutting excavation for overway in soil Complete all soil. TMB page: 11. Qty = 28.25m ³ @ 103.96/m ³ RS 2					2937 = ✓
7/8. Construction of embankment with material obtained from overway Cutting all soil. TMB page: 27. Qty = 16.95m ³ @ 63.01/m ³ RS 2					1068 = ✓
8/9. Construction of embankment with approved material obtained from borrow pits with level 100m all soil. TMB page: 20. Qty = 82.48m ³ @ 177.64/m ³ RS 2					14652 = ✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/10. Construction of Embankment with approved Material Level - 1500m all 505.					
IMR page - 20.					
Qty = 881.913 m ³					
@ 261.09/m ³				RS =	23025920
10/11. Construction of Subgrade and Earthen shoulder all 505.					
IMR page - 12828.					
Qty 2 (632.99 + 325.32)					
= 958.31 m ³					
@ 264.63/m ³				RS =	25359850
11/12. Granular sub-base with well graded material including material Complete all 505.					
IMR page - 21.					
Qty = 270.875 m ³					
@ 2855.61/m ³				RS =	7737840

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/13. providing and laying & spreading and compacting stone Aggregate Complete all 505, IMB page: 23. $Qty = 176.695 m^3$ $\text{C} = 4196.60/m^3$ $MS = 74/5/8 = \checkmark$					
13/14. providing prime coat (SC) with Bitumen emulsion Complete all 505. IMB page: 25. $Qty = 1109.25 m^2$ $\text{C} = 58.77/m^2$ $MS = 65/9/1 = \checkmark$					
14/15. providing and applying (starch) coat with (PSA) Bitumen emulsion Complete all 505. IMB page: 25. $Qty = 1109.25 m^2$ $\text{C} = 20.12/m^2$ $MS = 22/3/8 = \checkmark$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/16. projecting, laying and rolling in seal surfacing					
→ Type is 20mm					
→ Thickness all 50,					
→ MIS Page: 26.					
Qty = 1109.25m ²					
→ 259.69/m ² per 28806/2v					
16/17. Construction of un-reinforced plain cement concrete pavement in 30					
Complete all 50,					
→ MIS Page: 24.					
Qty = 201.98m ³					
→ 286.81/m ³ per 1471644=					
17/18. laying 200g Soling layer in					
Place should be					
Complete all 50,					
→ MIS Page: 24,					
Qty = 150.00m ²					
→ 518.24/m ² per 777362w					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18/19. providing steel quantities - concrete					
11.15 work done					
Complete all job.					
✓ TMB page - 28					
Qty = 15.0 m ³ concrete part 22.0					
② 2220.44/Each 15 = 5445 ✓					
19/20. work done 2.0 Nos					
② 772.09/Each 15 = 1554 ✓					
20/21. providing and fixing					
work of masonry					
Informal 2590					
Board all job.					
✓ TMB page - 23.					
Qty = 2.0 Nos					
② 11378.74/Each 15 = 94135 ✓					
21/22. providing new letters					
and figures of					
any shade with					
synthetic enamel					
paint all job.					
✓ TMB page - 29.					
Qty = 44.0 per cent					
② 0.75/percent letter per 33 = ✓					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22/23. providing boundary pillar / Gussal stone Complete all job. TMR page: 29. Qty 12.0 nos. ② 738.49/Each m ² 8862 ✓					
23/24. Retro-reflective traffic sign board Complete all job. TMR page: 29. Qty 600mm circular sign board = 5.0 nos ② 41.42.84/Each m ² 20719 ✓					
24/25. Retro-reflective sign board / circular Complete job. TMR page: 29. Qty 600 circular = 2.0 nos ② 5566.54/Each m ² 11133 ✓					
25/26. 600mm x 600mm rectangular Complete all job. TMR page: 29. Qty 2.0 nos. ② 5420.89/Each m ² 10842 ✓					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
26/27. providing sand mortar in 12.5 thickness surface all job.					
TMB page- 26.					
Qty = 58.0m ²					
② 886.46/m ²			12.5		51415=✓
27/28. providing sand mortar in concrete surface complete all job					
TMB page 27.					
Qty = 66.0m ²					
② 1005.35/m ²			12.5		66353=✓
28/29. providing rubble steps all job.					
TMB page- 29.					
Qty = 6.75m ²					
② 259.69/m ²			12.5		1753=✓
29/30. Ravel mortar point all job.					
TMB page- 29.					
Qty = 6.75m ²					
② 886.46/m ²			12.5		5984=✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30/31. Paving of floor by the one side complete all job.					
IMP page: 22.					
Qty: 29.01 m ³					
② 1288.76 / Each m ³ = 373742					
31/32. Earth work in excavation for foundation all job.					
IMP page: 13.					
Qty: 83.80 m ³					
② 398.62 / m ³ m ³ = 33404					
32/33. providing open foundation p.c.c. M.S. complete job.					
IMP page: 13.					
Qty: 10.0 m ³ .					
② 6319.54 / m ³ m ³ = 63195					
33/34. providing p.c.c. in sub base complete all job.					
IMP page: 1389.					
Qty: (27.65 + 1.20) = 28.85 m ³					
② 7271.91 / m ³ m ³ = 209795					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
34/35. providing weep holes in brick masonry wall. Complete all job.					
→ MR page: 13.					
Qty = 60.01 Nos.					
② 144.49/Rmb	145				5777
35/36. painting in parapet wall. 13 ltr. & white. 84 sq ft. Complete all job.					
→ MR page: 23.					
Qty = 20.64 m ²					
② 137.83/m ²	145				2845
36/37. providing and laying R.C. pipe NPS 12" culvert. Complete all job.					
→ MR page: 14.					
Qty = 7.50 m					
② 7734.30/m	145				58007
37/38. providing and laying cement concrete duct pipe. Complete all job.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7MB Page - 23.					
Qty = 30.0 R.M					
② 1037.44/m			195		31123=✓
38/39.					
Article masonry in					
Cement mortar					
(1:4) in powder					
Complete 505.					
7MB Page - 214.					
Qty = 52.323 m ³					
② 6173.72/m ³			195		323027=✓
39/40. plastering with					
Cement mortar					
(1:4) in richly					
work Complete 505.					
7MB Page - 14.					
Qty = 56.0 m ²					
② 206.76/m ²			142		11549=✓
			195		5032629=✓
					905873=22
Add 18% GST 195					50526=29
Add 1% L.Cess 195					105287=96
Add S. fee 195					195=6094116=47
					609=41
Less below					
0.01% 195					6093507=05
					1

material statement

① soil = 524.405 m^3

② h.s. 13
stone metal = 3.65 m^3 @ $931.75/\text{m}^3$
@ $931.75/\text{m}^3$
course sand = 2.088 m^3
@ $502.80/\text{m}^3$

3 w.b.m. 3
stone metal = 26.68 m^3
@ $1100.04/\text{m}^3$
stone screening = 5.28 m^3
@ $901.46/\text{m}^3$

④ Bricks = 9260 Nos

⑤ local sand = 6.0 m^3
@ $144.75/\text{m}^3$