

पञ्चरत्न पञ्चरत्न पञ्चरत्न
Gulab Bigha
Schedule XLV-Form No. 134

DIVISION

कार्यपालक अभियन्ता
कार्य प्रमुख दफ्तर (अभियन्ता)

SUB-DIVISION

कार्यपालक अभियन्ता, नया दिल्ली - 110001

MEASUREMENT BOOK

11.1.40
552

2nd on A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of road from Phesar Pachykhya ^{Path} road to Guljar Bigha (mm G.S.G. S.C.)					
Agency - M/s Arhitya Sakrath const.					
Agreement No. 47 SBD (2019-20) / mm G.S.G.					
Date of commencement - 22/10/19					
Date of completion - 21/10/2020					
Date of measurement - 20.8.22					
3m x 2.5m box culvert:					
Record measurement					
(1) S.F. & P. HY-SD bar in found.					
10mm dia. bar					
2 x 2 x 15 x 3.80m = 228m					
@ 0.62 Kg/m = 141 Kg					
8 mm dia. bar					
2 x 2 x 3.8 x 1.60m = 243.2m					
@ 0.39 Kg/m = 95 Kg					
236 Kg					
or 0.236 m					
(2) S.F. & P. lading HY-SD bar sub. str.					
12 mm					
1 x 2 x 60 x 4.2m = 504 m					
2 x 2 x 60 x 3.2m = 768m					
Continuation 1272 m					

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① For work Bench mark pillar					
2 Nos. P-9					
@ 4078=52 each ₹					8,157=00
② For Reference pillars.					
5 Nos. P-9					
@ 1838=83 each ₹					9,194=00
③ Const. of embankment with lead 100m.					
④ Clearing & grubbing					
0.90 Hc. P-9					
@ 49739=47 / Ha ₹					44,766=00
⑤ Const. of embankment with 100m lead.					
1628.46 m ³ P-9					
@ 132=56 / m ³ ₹					215,869=00
⑥ Const. of embankment with 1000 m lead.					
392.98 m ³ P-9					
@ 187=23 / m ³ ₹					73,578=00
⑦ Const. of sub. grade ...					
3308.78 m ³ P-9					
240.19 " P-22					
3548.97 "					
@ 189=11 / m ³ ₹					671,146=00

Continuation

1022,710=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Boulders 28 B. gr-I					
810.00 m ³ P-9					
184.80 " P-21					
994.80 "					
⑦ Boulders VBM gr-III					
368.60 m ³ P-21					
@ 20.55 = 17/m ³ - 2					757,536.00
⑧ (i) Const. of Cement concrete pavement m ³ ..					
91.80 m ³ P-22					
@ 55.19 = 92/m ³ - 2					506,729.00
⑨ (i) Boulders 1000 of mm-34 Project.					
2 Nos. P-9					
@ 9784.00 each - 2					19,568.00
⑩ (i) Dismantling of P.C.C.					
5.64 m ³ P-10					
@ 474.67/m ³ - 2					2,677.00
(ii) P.C.C.					
5.04 m ³ P-10					
@ 1066.61/m ³ - 2					5,376.00

Continuation

3767452.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/22) 203 mantling Cement mortar.					
161.87 m ² P-10					
125.73 m ² Whit					
@ 228 = 49/m ² ₹					28716 = 00
(12/23) Removing H.P.					
20.00 m P-10					
@ 229 = 83/m ₹					4,597 = 00
(13/24) E/W in excavation					
89.40 m ² P-10					
@ 285 = 71/m ² ₹					25,542 = 00
(14/25) Boundary PCC m ² in					
13.80 m ² P-10					
@ 4485 = 95/m ² ₹					61,906 = 00
(15/26) Boundary PCC in					
SUB-GTS.					
101.22 m ² P-V					
@ 5346 = 41/m ² ₹					541,164 = 00
(16/27) 200. NP ₃ H.P.					
22.50 m P-V					
@ 4204 = 67/m ₹					94,605 = 00
(17/28) Painting on parapet					
61.92 m ² P-11					
@ 108 = 98/m ² ₹					6,748 = 00
Continuation					4530,730 = 00

Particulars	Details of actual measurement				Contents of area
	No.	I	B	D	
(18/29) S/e encavation in tunnel.					
111.71 m ² P-17					
@ 285 = 71/m ² = 31,917 = 00					
(19/30) Providing PCC mas in tunnel.					
7.92 m ² P-17					
@ 4485 = 95/m ² = 35,529 = 00					
(20/31) Providing PCC mas in tunnel.					
33.40 m ² P-19					
@ 5104 = 73/m ² = 170,498 = 00					
(21/32) S.F & P.H. & S.Bos in tunnel					
0.155 MT P-18					
@ 76714 = 94/m ² = 11,891 = 00					
(22/33) Providing PCC mas in sub-str.					
16.24 m ² P-19					
@ 5346 = 41/m ² = 86,826 = 00					
(23/34) Providing W.C.P. holes					
36 Nos. P-19					
@ 130 = 33 each = 4692 = 00					
(24/35) Providing PCC mas in sub-str.					
Continuation					4872083 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10.02 m ³ P-18					
@ 6119 = 02/m ³ - 2					61313 = 00
(25/36) SF & P HYSD bar					
in sub-str					
1.195 MT. P-18					
1.01 MT. limit					
@ 76864 = 49/MT - 2					77,633 = 00
(26/37) Back filling...					11,301 = 00
34.28 m ³ P-20					
@ 742 = 14/m ³ - 2					
(27/38) Bar. Filter media					
19.82 m ³ P-20					
@ 1924 = 48/m ³ - 2					38,143 = 00
(28/39) Paving RCC m ³ 30					
in S/S.					
4.38 m ³ P-20					
@ 6,828 = 11/m ³ - 2					29,907 = 00
(29/40) SF & P HYSD bar					
in S/S.					
0.453 MT P-19					
0.38 MT limit					
@ 77987 = 29/MT.					29,635 = 00
(30/41) Parapet const.					
4.00 m ³ P-20					
@ 5346 = 41/m ³ - 2					21,386 = 00

Continuation

51,30,100 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(31/42) Painting Parapet					
27.65 m ² P-20					
@ 108 = 98/m ² - ₹					3,013.00
(32/43) Drainage Siphon					
4 Nos. P-20					
@ 468 = 21 each - ₹					1,873.00
(33/44) E/omercavation in formol.					
153.30 m ³ P-11					
@ 285 = 11/m ³ - ₹					43,799.00
(34/45) Paving PCC mix in formol.					
11.21 m ³ P-11					
@ 4485 = 95/m ³ - ₹					50,287.00
(35/46) Paving PCC mix in formol.					
46.45 m ³ P-11					
3.42 m ³ P-15					
49.87 "					
49.80 " in bit					
@ 5104 = 73/m ³ - ₹					254,216.00
(36/47) S.F. & P. Hys. bar in formol.					
0.236 MT. P-14					
@ 76714 = 94/MT - ₹					18,105.00
Continuation					5501,393.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(37/48) Pavement P.C.C. m ² in sub-str.					
31.93 m ² P-16					
@ 5346 = 41/m ² - 170					711 = 00
(38/49) Pav. weep holes					
54 Nos P-16					
@ 130 = 33 each - 7					7038 = 00
(39/50) Paving REC m ² in sub-str.					
18.84 m ² P-16					
@ 6119 = 02/m ² - 115					282 = 00
(40/51) S.F.P. HYSD m ² in sub-str.					
1.892 m ² P-15					
1.85 m ² hilt					
@ 76864 = 49/m ² - 142					199 = 00
(41/52) Back filling					
55.59 m ³ P-16					
@ 742 = 14/m ³ - 41					256 = 00
(42/53) Filter media					
30.50 m ³ P-16					
@ 1924 = 48/m ³ - 58					716 = 00
(43/54) Paving REC m ² in sub-str.					
7.68 m ² P-16					
@ 6828 = 11/m ² - 52					440 = 00
Continuation					6089,035 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(44/55) S.F. & P. HY-80 bar					
in 8/8.					
0.833	MT	P-15			
0.66'	MT	in 6			
@ 77987 = 29/MT				51	472 = 00
(45/56) Cement const.					
5.47	m ³	P-16			
@ 5346 = 41/m ² - F				29	246 = 00
(46/57) Painting on Passage					
37.44	m ²	P-17			
@ 108 = 98/m ² - F				4	080 = 00
(47/58) Drainage spots.					
4 Nos. P-16					
@ 468 = 21 each - F				1	873 = 00
(48/59) Pav. Wearing Coat.					
1.48	m ³	P-17			
@ 14524 = 04/m ² - F				21	496 = 00
(49/60) Pav. Irrigation concrete					
90 m P-20					
@ 986 = 60/m - F				88	794 = 00
					6285996 = 00
Less 10% below		(-)			628,600 = 00
					5657,396 = 00
Less 5% for		(-)			2905881 = 00
					2751515 = 00

Continuation

22/9/22
JE

22/09/2022
AE

CSP
8/10/22