

3rd on A/c bill

56

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w - Construction of road from LO24 to Bhargaha Jola.					
Name and firm of Contractor - Brigade Construction (Prof. Suresh Prasad Singh)					
Agreement no - 180/SBD/2020-21					
Date of agreement - 24/09/2020					
Stipulated date of Completion - 23/09/2021					
Agreement value - Rs. 5,63,85,360 = 00					

ABSTRACT OF COST

(1/2) Setting out pillars - do				
Qty = 4.792 km (Page-34)				
③ Rs. 12861.54/km			Rs. 61632 = 00	
(2/3) Clearing and grubbing road				
Land (by manual means) - do				
Qty = 2.8567 Hectare (Page-34)				
④ Rs. 51133.76/Hect.			Rs. 146074 = 00	
3/4) Dismantling of existing structure				
Like culvert - do				
Cement Concrete				
Qty = 93.75 m ³ (Page-34)				
⑤ Rs. 484.74/m ³			Rs. 45444 = 00	
(4/5) Dismantling of existing structure				
- do - do				
Cement Concrete				
Qty = 4.242 m ³ (Page-34)				
⑥ Rs. 484.74/m ³			Rs. 2056 = 00	
Continuation				
				Rs. 255206 = 00

57 B.F. Rs 255206=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/51) Gismoanthy of existing structure - do		do		do	
Reinforced cement concrete					
Qty = 17.43 m ³			Page - 35		
@ Rs. 1093.44/m ³				Rs. 19059=00	
(6/52) Gismoanthy of existing structure - do		do	do		
Qty = 135.63 m ³			Page - 35		
@ Rs. 231.77/m ³				Rs. 31435=00	
(7/53) Removing all types of hume pipes and stacking including earthwork - do		do	do		
Qty = 10 Rm			Page - 35		
@ Rs. 236.34/Rm				Rs. 2363=00	
(8/33) e/w in excavation for foundation of structure - do					
Qty = 808.772 m ³			Page - 35		
@ Rs. 294.73/m ³				Rs. 238369=00	
(9/34) Providing P.C.C. (M-15) as levelling course in foundation - do					
Qty = 84.746 m ³			Page - 35		
@ Rs. 6123.03/m ³				Rs. 518902=00	
(10/36) Plain/reinforced cement concrete (M-20) in substructure - do					
Qty = 451.553 m ³			Page - 35		
@ Rs 7012.39/m ³				Rs. 3166466=00	

Continuation

Rs. 4231800=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/37) Providing and laying					
R.C.C. pipe N13 - - do. do					
Qty = 82.50 Rm			Page - 36		
Rs. 3871.17/Rm				Rs. 319372 = 00	
(12/38) Painting on parapet wall					
(Black & white strips) - do. do					
Qty = 227.04 m ²			Page - 36		
Rs. 97.19/m ²				Rs. 22066 = 00	
(13/35) Plain/reinforced cement concrete					
(M-20) in foundation - do. do					
Qty = 149.502 m ³			Page - 36		
Rs. 6796.46/m ³				Rs. 1016084 = 00	
(14/41) Supplying, fitting & placing					
HYSD bar reinforcement in					
Substructure - do					
Qty = 8.526 M.T.			Page - 36		
Rs. 50587.51/M.T				Rs. 431309 = 00	
(15/40) Plain/reinforced cement					
concrete (M-25) in Substructure - do					
Qty = 49.38 m ³			Page - 36		
Rs. 7715.58/m ³				Rs. 380995 = 00	
(16/45) Supplying, fitting & placing					
HYSD bar reinforcement in Super -					
structure - do. do					
Qty = 1.786 M.T			Page - 36		
Rs. 51788.66/M.T.				Rs. 92495 = 00	

Continuation

Rs. 6494121 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19/44) Providing and laying R.C.C.					
(M-30 grade) in Superstructure. do					
Qty = 20.535 m ³				Page - 37	
Rs. 8347.05/m ³				Rs. 171407 = 00	
(19/43) Providing and laying filler					
media do do do					
Qty = 89.968 m ³				Page - 37	
Rs. 3684.66/m ³				Rs. 331500 = 00	
(19/42) Backfilling behind abutment					
wing wall and return wall. do					
Qty = 158.437 m ³				Page - 37	
Rs. 750.86/m ³				Rs. 118964 = 00	
(20/39) Providing weep holes. do					
Qty = 162 no				Page - 37	
Rs. 122.94/each				Rs. 19916 = 00	
(21/47) Providing drainage spout. do					
Qty = 16 no				Page - 37	
Rs. 567.43/each				Rs. 9079 = 00	
(22/46) Const. of R.C.C. railing of					
M-25 grade - do do					
Qty = 22.60 M				Page - 37	
Rs. 3455.30/M				Rs. 78090 = 00	
(23/7) Const. of embank. with material					
obtained from borrow pit. loaded/unloaded do					
Qty = 746.966 m ³				Page - 37	
Qty = 26.689 m ³				Page - 51	
Continuation					
Total = 773.655 m ³					
Rs. 188.05/m ³				Rs. 145486 = 00	
				Rs. 7368563 = 00	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24/8) Const of embankment with material obtained from borrow pits					
Lead up to 100 m		do	do		
Qty = 4164.699 m ³			Page - 38		
Qty = 148.801 m ³			Page - 51		
Total = 4313.50 m ³					
@ Rs. 142.17 / m ³				Rs. 613250 = 00	
(25/9) Const of subgrade & earthen shoulder		do	do		
Qty = 7794.608 m ³			Page - 38	Rs. 1108000 = 00	
Qty = 2330.703 m ³			Page - 45		
Total = 10125.311 m ³					
@ Rs. 189.89 / m ³				Rs. 1922695 = 00	
(26/10) Providing G.S.B. (grading I) by mix in place method			do		
Qty = 2676.131 m ³			Page - 38		
Qty = 70.725 m ³			Page - 43		
Total = 2746.856 m ³					
@ Rs. 3205.46 / m ³				Rs. 8804937 = 00	
(27/11) Providing C.B.M. (grading - 3) by manual means			do		
Qty = 1126.225 m ³			Page - 38		
Qty = 25.668 m ³			Page - 45		
Total = 1151.893 m ³					
@ Rs. 4343.81 / m ³				Rs. 5003604 = 00	
				Rs. 23713049 = 00	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28/15) Providing Cement Concrete Pavement (M-30) - do - do			do	do	
Qty = 782.609 m ³			Page - 39		
@ Rs. 7789.39/m ³				Rs. 6096047 = 00	
(29/12) Providing and applying primer Coat with bitumen emulsion (RS-1) - do					
Qty = 10527.225 m ²			Page - 53		
@ Rs. 45.65/m ²				Rs. 480568 = 00	
(30/13) Providing and applying tack coat with bitumen emulsion (RS-1) - do					
Qty = 10527.225 m ²			Page - 53		
@ Rs. 15.70/m ²				Rs. 165277 = 00	
(31/14) Providing mix Seal Surface - do - do					
Qty = 10527.225 m ²			Page - 53		
@ Rs. 219.33/m ²				Rs. 2308936 = 00	
(32/30) Road marking with hot apply thermoplastic Compound - do on B.T.					
Qty = 550.80 m ²			Page - 54		
@ Rs. 735.44/m ²				Rs. 405080 = 00	
(33/31) Road marking - do on C.C. Pavement					
Qty = 258.80 m ²			Page - 54		
@ Rs. 821.29/m ²				Rs. 212550 = 00	
				Rs. 33381507 = 00	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(34/29) Planting of trees by the road side (Avenue trees) - do					
Qty = 275 no		Page - 54			
① Rs. 818.84/each			Rs. 225	181 = 00	
(35/18) R.C.C. M-15 grade km/locd					
Stone - do - do					
Ordinary km stone (precast) = 05 no					
Vide T.M.B. Page - 54					
② Rs. 2392.21/each			Rs. 11961 = 00		
(36/24) R.C.C. M-15 grade boundary pillars - do - do					
Qty = 240 no					
③ Rs. 526.21/each			Rs. 1262	30 = 00	
(37/19) R.C.C. M-15 grade km/locd					
Stone - do - do					
200mm stone (precast) = 20 no					
④ Rs. 632.23/each			Rs. 12645 = 00		
(38/20) Providing & fixing of typocor					
M.G.S.Y. information sign board with logo - do - do					
Qty = 04 no		Page - 55			
⑤ Rs. 9692.73/each			Rs. 38771 = 00		
(39/21) Providing, civilizing, information board - do - do					
Qty = 01 no		Page - 55			
⑥ Rs. 9692.73/each			Rs. 9693 = 00		

Continuation

Rs. 33806048 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(40/22) Providing fine ground material					
board - do					
Qty = 01 no		Page	55		
Rs. 9692.73 / each				Rs. 9693 = 00	
(41/25) Providing & fixing of semi-reflective cautionary, mandatory & informative sign board - do					
600 mm equilateral & triangle 7 no (P-55)					
Rs. 3849.62 / each				Rs. 304120 = 00	
(42/26) Providing & fixing of retro-reflectised - do					
600 mm Circular = 50 no (P-55)					
Rs. 5121.53 / each				Rs. 256077 = 00	
(43/27) Providing & fixing octo-reflectised - do - do					
800 mm x 600 mm rectangular					
Qty = 2 no		Page	55		
Rs. 7094.51 / each				Rs. 148985 = 00	
(44/28) Providing & fixing of retro-reflectised - do - do					
900 mm octagon = 02 no P-55					
Rs. 9017.41 / each				Rs. 18035 = 00	
				Rs. 34542958 = 00	
Add 12% G.S.T.				Rs. 4145155 = 00	
Add 1% L.C.				Rs. 345430 = 00	
Add 1% S.F.				Rs. 353447 = 00	
				Rs. 39386990 = 00	

Continuation

	MATERIAL	STATEMENT	T
ϵ/w	$= 2506.19 \text{ m}^3$		
Coarse sand	$= 39.04 \text{ m}^3$		
stone agg (53 mm to 9.5 mm)	$= 42.44 \text{ m}^3$		
stone agg (9.5 mm to 2.36 mm)	$= 16.97 \text{ m}^3$		
stone metal (grading -3)	$= 30.80 \text{ m}^3$		
stone screening (1.2 mm)	$= 6.16 \text{ m}^3$		
Emulsion (SS-1)	$= 8.948 \text{ M.T}$		
Emulsion (RS-1)	$= 2.895 \text{ M.T}$		
Bitumen	$= 20.002 \text{ M.T}$		
stone crushed agg (13.2 mm to 0.075 mm)	$= 284.24 \text{ m}^3$		
40 mm agg	$= 13.57 \text{ m}^3$		
20 mm agg	$= 6.79 \text{ m}^3$		
10 mm agg	$= 2.26 \text{ m}^3$		

Continuation

SPS/ Co
27/07/2021