

NAGAR NIGAM MATHURA VRINDAVAN, MATHURA

Name of work: 21 नवंबर 2017 से 21 दिसंबर 2017 तक सड़क के किनारे की 1.5 मीटर चौड़ाई वाली गड्ढा खनन करके 1.5 मीटर चौड़ाई वाली गड्ढा भरने का काम।

S. No	ITEM OF WORK	NO	L(M)	B(M)	H/D(M)	QUANTITY	RATE (Rs.)	UNIT	AMOUNT
1.	Dismantling of flexible pavement and disposal of dismantle material upto a lead of 1000 meters, stacking serviceable and unserviceable materials separately. (P.W.D SL NO. 13) <u>Actual rate 47 @ Rs. 322/m³</u>								
2.	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by Engineer-in-Charge within a distance of 60 meters (200 feet). (P.W.D SL NO. 13) <u>Actual rate 43 @ Rs. 475/m³</u>								
3.	Dismantling reinforced cement concrete or reinforced brick work including stacking of dismantled materials as directed by Engineer-in-Charge within a distance of 60 meters (200 feet). (P.W.D SL NO. 13) <u>Actual rate 43 @ Rs. 122/m³</u>								
4.	E.W. in excavation in ordinary Soil I/C lead upto 30 m and lift upto 1.5 m. (P.W.D SL NO. 251) <u>Actual rate 15 @ Rs. 135/m³</u>								
4A.	Earth work in cutting or in embankment in ordinary soil excavation including ramming and dressing all work complete. (P.W.D SL NO. 253) <u>Actual rate 125/m²</u>								
5.	E.W. in filling from outside cartage upto 8km lead. (AR based on PWD Schedule. 2.1.1-1) <u>Actual rate 279/m³</u>								
	Deep line 21.12.17. 1111		1111	3.07	1.50	= 180.00 m ³ E) 22.50 157.50 CM 274.40			43,155.00
6.	Providing and laying cement concrete in 1:5:10 (1 Cement: 5 Coarse sand : 10 graded stone aggregate 40 mm nominal size) / 1:4:8 (1 Cement: 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size) including supply of all material, labour, T&P, etc. (P.W.D. SL NO. 4.1.1.1) <u>Actual rate 500/m²</u>								
TOTAL Rs. C/O									43,155.00


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TJK 43,115 = 20

Class 150 brick work in 1:4 cement and fine sand / Coarse sand mortar including supply of all materials, labour and T&P etc. required for proper completion of the work. (P.W.D. SL NO. 6.1.1 @ Rs. 4800/15)
 (P.W.D. SL NO. 6.1.1 @ Rs. 5100/15)

1:4 Kull Dran	(111) 557	(0.4 + 0.75) x 1.50 = 38.417			
	(121) 557	0.23 x 0.23 = 5.817			
	(174) 557	0.12 x 0.23 = 2.73			
		42.250			
		CM 4800/15			2,02,800 = 0

8. Providing and laying cement concrete in 1:2:4 (1 Cement: 2 Coarse sand: 4 graded stone aggregate 20 mm nominal size) and curing complete, including cost of form work, in Foundation and floors. (P.W.D. SL NO. 4.1.2 Page 16 @ Rs. 6400/15)

Dran W Th	(121) 557	0.6 x 0.5 = 3.300			
	(121) 557	0.23 x 0.62 = 0.500			
		3.800			
		CM 6400/15			24,320 = 0

9. 12mm thick cement plaster with cement mortar in proportion of 1:4 cement & fine sand including supply of all material, labour, T&P, etc. (P.W.D. SL NO. 12.1.1 @ Rs. 1600/15)

	(121) 557	0.23 = 25.300			
	(121) 557	0.35 = 35.000			
		60.300			
		CM 1600/15			9,648 = 0

10. R.C.C. work in 1:1.5:3 with cement: coarse Sand: stone grit excluding reinforcement but including supply of all material, labour, T&P, etc. complete. (P.W.D. SL NO. 5.1.1 @ Rs. 7950/15)

	(111) 3.7	0.9 x 0.15 = 0.400			
		CM 7950/15			3,180 = 0

11. Mild steel or Iron work in R.C.C. reinforcement including its bending, etc. (AR P.W.D. Schedule SL NO. @ Rs. 5800/15)

1-2-1 R.C.C	11 12/145	0.4 x 75.5 = 0.370			
		CM 5800-15			2,170 = 42

12. Mild Steel or Iron work heavy size including welding, cutting, wastage, etc. complete. (AR P.W.D. Schedule SL NO. @ Rs. 6000/15)

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13. Construction of Granular sub-Base (GSB) by providing coarse graded material, spreading in uniform layers complete in all respects. (Rate as per attached PWD rate detail). (P.W.D. SL NO. 26.33.2 @ Rs. 7650/15)

	(111) 557	3.0 x 0.9 = 13.200			
		CM 2650/15			35,085 = 60

TOTAL Rs. CO 3,20,319 = 02

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320,319=02

14. Supply & Laying of precast interlocking tiles of thickness 80 to 100 mm (Compressive strength not less than 30Mps and weight 4.50kg) including 25mm thick local sand base levelling and dressing of surface to required level and slope, filling joints with local sand all complete work. (P.W.D. SI. NO. ... 12 (New) ... @ Rs. 855/-)

800 thin 4x4 H/S
(117) 55.07 2.0 =

110.00
CM 955

94,050=00

15. Relaying of old precast interlocking tiles of thickness 80 to 100 mm complete. (P.W.D. SI. NO. ... 12 (New) ... @ Rs. 855/-)

16. Construction of plain cement concrete pavement thickness as per drawing over a prepared sub base with 43 grade cement as per clause 1501.2 M 30 (grade) coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixture of not less than 0.20 cum capacity and appropriate weight batcher used, approved mixed design, laid in approved fixed site form work (steel channel laying and fixing of 125 micron thick polythene film wedges steel plates including levelling the form work as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operations including provision of contraction and expansion, construction joints applying primer sealant and construction joint, admixtures as approved curing of concrete slab for 14 days curing compound (where specified) and water finishing to inces and grade as per drawing and technical clause 1501. (P.W.D. SI. NO. ... 12 (New) ... @ Rs. 77.94.69/m²)

17. Supply of 50-50mm size stone ballast including stacking at site. (RMR Rate @ Rs. 11.92.71/m³)

18. Supply of 40-60mm size stone ballast including stacking at site. (RMR Rate @ Rs. 11.92.71/m³)

19. Supply of stone dust/ moorum including stacking at site. (RMR Rate @ Rs. 16.67.71/m³)

20. Consolidation of 20-40mm gage stone ballast 10cm thick (loose) coat including all labour T&P including Road Roller Charges etc. all complete. (P.W.D. SI. NO. ... 12 (New) ... @ Rs. 300/-)

21. Brick soling with M-150 brick laid on edge including all materials, labour, T&P, etc. required for proper completion of work. (P.W.D. SI. NO. ... 12 (New) ... @ Rs. 460/-)

TOTAL Rs. C/O

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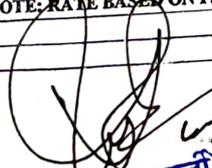

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4,14,319.22

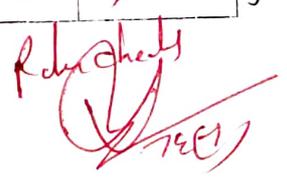
22	Providing and applying Tack Coat with bitumen VG-10 using bitumen pressure distributor at the rate of 0.30 Kg/Sqm. including all material, Labour, T&P etc. required for proper completion of the work. (AR P.W.D Schedule SI. NO. @ Rs. 112.17								
23	Providing and Laying 50mm thick Dense-Graded bituminous macadam with Hot mix plant using crushed aggregates of specified grade from approved quarry premixed with bituminous binder V.G. 30 @ 3.49% of mix including supply of Labour, Material, T&P, etc. required for proper completion of work. (AR P.W.D Schedule SI. NO. @ Rs. 8543.12								
24	Providing and Laying 25mm thick Bituminous Concrete with approved crushed aggregate of approved quarry and bitumen binder VG-30 @ 5.4% of the mix and filler including supply all material, labour, T&P, etc. required for proper completion of work. AR P.W.D Schedule SI. NO. @ Rs. 937.90								
25	Providing and fixing of inauguration stone with granite stone with brick work pedestal engraving letters on granite stone with golden paint with stone and painting the pedestal complete on all respect (Job Work) (P.W.D. SI. NO. @ Rs. 5000.00	1.4						17) 5000/LS	5000
26	Deduct cost of serviceable bricks available at sites. P.W.D. SI. NO. @ Rs. 5700.00								
27	Deduct cost of brick bats O.B.B./150B.B. (P.W.D. SI. NO. @ Rs. 25.00								
28	Cartage of materials by head load upto 90m (3kbin). (P.W.D. SI. NO. @ Rs. 76.00								
MISC.									
								TOTAL Rs.	4,19,319.22
								Add 12% GST	50,324.28
								Now TOTAL Rs.	4,69,643.50
								GRAND TOTAL RS.	4,69,700.00
								SAY Rs.	

NOTE: RATE BASED ON P.W.D SCHEDULE 2019-20 AND PRIVILLAGE RATES.


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 दीपांकर सिंह
 (सहायक अभियंता)
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 एस० श्री० मिश्रा
 (अधिसासी अभियंता)
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