

ANIL KUMAR

Schedule XLV Form No. 134.

MB No:- 2679

Rural Work Department Works Division

RWD Work SUB-DIVISION

SATTAR KATTIYA

Measurement Book

3rd and 4th Bt''

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Construction of Road from Pump Road Khadipur Middle School to Sharona village under Sattar Katcheryga spell					
Name of Agency - Asil Kumar Colony - W.V. IS Sektax					
Agreement No - 7/500/4455/20-97					
Agreement Value - Rs- 96,77,700/- Rs- 9,73,583.00/mr Total Rs- 1,05,67,552.00					

Agreed Rate	0.11/A.	Bench
Date of completion	08.06.20	
Time for completion	07.06.21	
Actual rate of completion	03/22	
1) Setting out Pillars		
(A) Benchmark Pillars		
01 NW	for	RM
04	- 2 NW	
(B) Reference Pillars		
04 NW	for	RM
04	- 4 NW	

Continuation

(2) cleaning and Grubbing Road
land

$$\frac{2 \times 1170.94 \times 3.5}{10000} = 0.81 \text{ Met}$$

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Boundary & fixing of					
marking benchmark					
(A) Benchmark pillar					
of Nos per Km					
NP (37) item 1 (A) = 2 Nos					
@ 43.00 = 79 per Km					8602.24
(B) Reference pillars					
of Nos per Km					
NP (37) item 1 (B) = 4 Nos					
@ 19.60 = 15 per Km					7841.70
2) Clearing and					
Grubbing Road land					
do do					
NP (37) item 2 = 0.81 Km					
@ 51,133.76 per Km					41418.00
3) Earth excavation for					
foundation do do					
NP 40 item 3 = 89.99 S					
NP (41) item 7 = 113.78 S					
203.175 NP					

Continuation

@ 201.11 per S - 40860.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4) ay	providing concrete				
	for plain / reinforced				
	per m - 15 grade				
	— do — do —				
up (40) item (4)	2	13.785 m			
up (40) item (8)	2	7.92 m			
		13.785 m			
		21.705			
	@	5264 = 47 / m ²			114265
5) ay	providing concrete				
	for plain / reinforced				
	per m - 20 grade				
up (42) item (10)	2	32.40 m			
	@	5787 = 29 / m ²			193299
6) ay	plain / reinforced				
	cement concrete				
	in sub-base				
	M - 20 grade				
	— do — do —				
up - 40 item (5)	2	10.227 m			
up (40) item (9)	2	16.216 m			
		117.443 m			
	@ 5	983 = 81 / m ²			702957

Continuation

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
7/28 Prop'dy and laying					
Rec pipe NP-2					
curbverts	do	do			
VP (41) item (6) = 22.50 m					
@ 3926 = 77 / m					R-88352 = 4
8/29 Plain / Reinforced					
cement concrete					
Rec m-25 grade					
— do — do —					
VP (42) item (11) = 9.99 m					
@ 6596 = 49 / m					R-65899 = 20
9/33 Prop'dy and					
laying reinforced					
cement concrete					
Rec m-25 grade					
— do — do —					
VP (43) item (12) = 3.99 m					
@ 7161 = 08 / m					R-28573 = 20
10/45 parapet concrete					
Plain / Reinforced					
cement concrete					
— do — do —					
VP (43) item (13) = 4.00 m					

Continuation

@ 5985 = 81 / m R-23935 = 20

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
11) 1/2 Boulder wall holes					
in. brick Masonry / stone					
— do — do —					
wp (43) idr (14) = 26 MS					
@ 112 = SS each					14405220
12) 1/2 Plain / Reinforced					
Cement concrete					
Ree 1/2" — do —					
12) 31 Backfilling behind					
abutment — do —					
wp (43) idr (14) = 24.28 ms					
@ 702 = 46 / ft					16-2408020
13) 3/2 Framing and levelling					
filter Medals					
— do — do —					
wp (44) idr (16) = 19.82 ms					
@ 19.82 / ms					As
2693274 / 1000					5357020
14) 3 Box cutting for					
Roadway M. Swi /					
wp (44) idr (17) = 61.24 ms					
@ 74 = 16 / ms					16-435920

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15) 4 cost of embankment					
with Material as per cutting					
from Railway cutting					
Qty - 607					
do do					
VP (45) idm (18) = 35.94 m					
@ 26 = 11 / m					938.20
16) 7 Cost of					
subgrade and					
earthen shoulders					
do do					
VP (45) idm (19) = 1683.212 m					
VP (59) idm (27) = 647.904 m					
					2251.716 m
@ 11 = 2172.44 m					
@ 187 = 83 / m					406963.20
17) 8 Granular sub-base					
with well graded					
Material					
VP (48) idm (20) = 616.056 m					
@ 2690 = 80 / m					165768.920

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18) <u>Water Band</u>					
Macadam	4m	2			
do do					
VP (49) idam (49) = 290.149 m ³					
@ 3058265/m ³	Rs				887458
19) <u>Prime coat</u>					
(low porosity)					
do do					
VP (50) idam (50) = 2750.925 m ³					
@ 4523/800	Rs				124424=00
20) <u>Base coat</u>					
do do					
VP (50) idam (50) = 2750.925 m ³					
@ 15238/m ³	Rs				42369.00
21) <u>Mix Seal surface</u>					
Type - B - do do					
VP (51) idam (51) = 2750.925 m ³					
@ 2983 = 50/m ³	Rs				8267505=00
					h-54515/200
22) <u>Cement concrete</u>					
Pavement - M-30					
VP (52) idam (52) = 278.364 m ³					

Continuation

@ 6666245/m³ Rs-1855700
1855700=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23) Laying barbed wire					
on layer on wire					
do do					
VP (52) Item (23) 248.095 m					
@ 543 = 28 / m					1189620
24) Construction of					
embankment					
lead up to 100 m					
do do					
VP (57) Item 24 (1) 2 1695.188 m					
@ 1410 = 15 / m					23747020
25) Construction of embankment					
on road, approach					
new road lead up					
to (approx) 1000 m					
do do					
VP (57) Item 25 (1) 876.787 m					
@ 185 = 69 / m					41628070
26) Kilometer stone					
(i) ordinary kilometer stone					
VP (58) Item (26) A 2 2 No					
@ 246 = 87 / ea					64722000

Continuation

for 7986261200

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) 200 Meter	1000				
VP (58) 100 29 (1) 2 5 NB					
(1) 580 = 26 / each					
			R ₁	290	2 200
27) 15 Providing safety					
Logo of MGSY Project					
— do — do —					
VP (58) 100 (30) 2 4 NB					
(1) 9365 = 92 / each					
				R ₁	374 62 = 100
				R ₂	374 62 = 100

28) 15 Boundary Pillar					
Guard Post					
— do — do —					
VP (58) 100 (31) = 32 NB					
478 = 32 / each R ₁					1574 20
29) Retro-reflectors					
19 Traffic Sign					
(1) 600 mm equilateral					
Triangle					
VP (58) 100 (32) = 10 NB					
(1) 3738 = 4 / each R ₁					3738 20

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600 mm					
VP (58) dia 32 (ii) 2 2 M					
@ 50/10 = 15/ea					10020 = 00
(iii) 800 x 600 mm					
VP (59) dia 32 (iii) 2 8 M					
@ 6982 = 13/ea					155865 = 00
(iv) 600 mm x 450 mm					
VP (59) dia 32 (iv) 2 6 M					
@ 4879 = 96/ea					29280 = 00
(v) 900 mm					
octagon					
do do					
VP (57) dia 32 (v) 2 4 M					
@ 8906 = 02/a					1635824 = 00
30% Road Marking wts					
Not Applied					
do do					
VP (57) dia (57) = 146.95 M					
@ 735 = 44 M					108080 = 00
21% Road Marking wts					
Applied do do					
VP (60) dia (60) = 116.38 M					
@ 821.29 M					71648 = 00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
32) $\frac{1}{2}$ planting of tree by the road		8/6/2			
do do		do	do		
NP (65)	idea (24)	= 78 MW			
@	815 = 25 / area	Rs - 63500 = 00			
33) Ag-36	Painting in parapet way	do	do		
NP (66)	idea (83)	= 82.18 MW			
@	97 = 19 / MW	Rs - 798720			
34) $\frac{1}{2}$	supplying fitting and placing HxSD bar				
NP (33)	idea (12)	= 0.05 MW			
@	45598 = 83 / MT	Rs - 232120			
35) $\frac{1}{2}$	supplying fitting and placing HxSD bar sub-station				
NP (33)	idea (13)	= 1.00 MT			
@	45739 = 83 / MT	Rs - 45740 = 00			
36) $\frac{1}{2}$	supplying fitting and placing HxSD bar to station				
NP (34)	idea (16)	= 0.38 MT			

Continuation

@ 46789 = 62 Rs - 17780 = 00

Rs - 79,86,361 = 00

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
		B.P.	—	4.79	863612
<u>Add.</u>	65T	124.	—	14	958362
	LC	1-1.	—	16	798632
Seigniorage fee			4	97817	=00
					902454/20
Less 0. 11-1. Below					
as per agreement					9927200
			4	9014	61424
Less for views N.Y.			4	6955	80720
			4	6955	807200
				20,58,	807200
work has been completed as per technical specifications and directed by					
10/3/22 J.E.					
10/3/22 A.E.					
25-05-2022					