

PLAGSY NEW SC

PL.B.NO-3472

Schedule XLV-Form No. 134

ਬੰਦੂਕ 702 PLAGSY ਦੇ ਕਲੋਰਾ ਕਾਇਮਗੇਰੀਆ ਜਲਾਵਾ
ਏਕਰਸ਼ਾਮਾ ਸੰ-36 SBD/21.22

ਬੰਦੂਕ 702 PLAGSY ਦੇ ਕਲੋਰਾ ਕਾਇਮਗੇਰੀਆ

DIVISION

ਜੀ/ਇਮਾਨੁਬੀਲਾ (ਬੰਦੂਕ 702)

ਏਕਰਸ਼ਾਮਾ

SUB-DIVISION

MEASUREMENT BOOK

PL.B.NO-3472

1

No. and date of agreement

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					
Bedupur To 2					
Prossy to					
Kataiya Dakshin					
Tola					
Name of Agency -					
Vivek Kumar					
Agreement no -					
36SBD / 2021 - 2022					
Date of start of work -					
27/12/2021					
Date of completion -					
26/09/2022					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ const. of embankment					
with approved materials					
do					
RR $2 \times 30 \times 0.75 \times 0.75 = 33.75 \text{ m}^3$					
Limit to					31.05 m^3
⑤ const. of embankment					
do					
RR $2 \times 11 \times 25 \times 1.1 \times 0.70 = 423.50 \text{ m}^3$					
Limit to					411.04 m^3
⑥ const. of subgrade & earth					
shoulder do					

RR $2 \times 23 \times 30 \times 1.0 \times 0.125 = 172.50 \text{ m}^3$					
$2 \times 23 \times 30 \times 0.625 \times 0.075 = 64.69 \text{ m}^3$					
$2 \times 23 \times 30 \times 0.625 \times 0.160 = 138.0 \text{ m}^3$					
Total					375.19 m^3
⑦ const. of granular subbase					
do					
RR $2 \times 23 \times 30 \times 0.375 \times 0.10 = 51.75 \text{ m}^3$					
Extra widening $9 \times 25 \times 0.05 \times 0.10 = 1.125 \text{ m}^3$					
RR $14 \times 25 \times 0.15 \times 0.1 = 5.25 \text{ m}^3$					
Total					57.0 m^3
Limit to					52.79 m^3
⑧ 1-18 m ge- III					
Providing, laying, spreading					
and compacting same do					
RR $2 \times 23 \times 30 \times 3.75 \times 0.075 = 194.06 \text{ m}^3$					
Continuation					
Extra widening $14 \times 25 \times 0.15 \times 0.075 = 3.937 \text{ m}^3$					
Total					197.997 m^3
Limit					197.94 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ cont. of unreinforced plain cement concrete pavement — do —					
23x60					
23x30		3.75	0.160		414m ³
14x25		0.15	0.160		8.40m
			Total		422.40
			Limit		422.28m
⑩ Hard shouldering					
laying brick soling					
soling layer					
— do —					
2x 23x30		0.20			276m ²
⑪ Boundary pillar					
— do —				ant = 12 No.	
⑫ kilometer stone					
(i) kilometer stone —				ant = 2 No.	
(ii) 200 m stone —				ant = 3 No.	
⑬ Providing & fixing of					
retro-reflectivised					
cautionary, mandatory					
— do —					
(i) 600mm equilateral					
triangle board — do —				ant = 1 No.	
(ii) 600mm circular board					
— do —				ant = 1 No.	
(iii) 800mm x 600mm rectangular				ant = 1 No.	
(iv) 600mm x 450mm board				ant = 1 No.	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
900mm octagon board 600mm x 450mm rectangular 900mm octagon board do do do = 1 No.					
Direction and place identification sign do do do = 2 No.					
Road marking with hot applied Thermo-plastic compound do do do = 138m ²					
2x23x30x 0.1 = 138m ²					
Providing & fixing of of typical masonry information sign board with logo do do = 3 No.					
H.P culvert Earthwork in excavation do do do = 3					
2x3.9 x 1.150 x 1.50 = 13.455m ³ 1x5.350 x 1.130 x 0.365 = 2.207m ³ Total 15.662m ³					
Providing m-15 as levelling course in formol. 2x3.90 x 1.150 x 0.150 = 1.3455 1x5.311 x 1.130 x 0.250 = 1.50m ³ Continuation 0.250 x 0.7857 x (0.830) ² x 5.849 = 0.791m ³ Total 2.054m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①⑤ Providing concrete for plain concrete in open foundation — do —					
2 × 3.60 × 0.70 × 2.78 =					14.011 m
2 × 3.60 × 0.40 × 0.60 =					1.728 m
2 × 0.7857 × (0.830) ² × 0.530 =					0.574 m
Total					15.165 m
①⑥ Providing and laying reinforced cement concrete pipe NP3 for culvert — do —					
2 × 2.50 =					7.50 m

①⑦ Painting two coats on new concrete surface — do —					
①⑧ Providing 1.5 mm cement punning — do —					
2 × 3.6 × 0.40 =					2.88
4 × 0.40 × 0.60 =					0.960
2 × 3.6 × 0.60 =					4.320
Total					8.160 m ²

①⑨ Painting two coats on new plastered concrete surface — do —					
2 × 3.60 × 3.380 =					24.336
2 × 3.60 × 0.60 =					4.32
2 × 3.6 × 0.40 =					2.88
4 × 0.70 × 2.780 =					7.784
4 × 0.40 × 0.60 =					0.960
Continuation					
2 × 0.7857 × (0.830) ² =					1.083
Total					39.197 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work has been completed as per tech. specification					
Gsingh 11/02/2022 JE			RPSM 11-2-2022 AE		

Abstract of cost

① setting out pillars

- do -

amt = 0.690 km P-①

item - ① @ Rs 12683/km

= Rs 8751 =

② clearing and grubbing

road land - do -

amt = 0.207 hect P-①

item - ② @ Rs 52970/h

= Rs 10964 =

③ Box cutting

- do -

amt = 51.750 m³ P-①item - ③ @ Rs 130.83/m³ = Rs 6770 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ const. of embankment					
do					
amt =	31.05 m ³	P-	②		
item -	④ @ Rs 96.75/m ³				
				2 Rs	3004 =
⑤ const. of embankment					
do					
amt =	411.04 m ³	P-	②		
item -	⑤ @ Rs 197.04/m ³				
				2 Rs	80991 =
⑥ const. of subgrade & earthen shoulders					
amt =	375.19 m ³	P-	②		
item -	⑥ @ Rs 183.34/m ³				
				2 Rs	68787 =
⑦ const. of granular subbase					
do					
amt =	52.79 m ³	P-	②		
item -	⑦ @ Rs 3103.30/m ³				
				2 Rs	163823 =
⑧ W.B.M. gr - III					
do					
amt =	197.94 m ³	P-	②		
item -	⑧ @ Rs 4267.90/m ³				
				2 Rs	844788 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ const. of unreinforced plain cement concrete pavement — do —					
ent = 422.280 m ³ P- ③					
itm - ⑨ @ Rs 7980.23/m ³					
				= Rs	3369891.
⑩ Hard shouldering — do —					
ent ₂ 276 m ² P- ③					
itm - ⑩ @ Rs 554.84/m ²					
				= Rs	153135=
⑪ Boundary pillar — do —					
ent = 12 No. P- ③					
itm - ⑪ @ Rs 521/H					
				= Rs	6252=
⑫ Kilometer stone					
(i) Kilometer stone					
ent = 2 No. P- ③					
itm - 12 (i) @ Rs 2316.77					
				= Rs	4635=
				Rs	4633=
(ii) 200 m stone					
ent = 3 No. P- ③					
itm - 12 (ii) @ Rs 628.59					
				= Rs	1885=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Providing & fixing of retro-reflectors					
— do —					
(i) 600 mm equilateral triangle board					
ent = 1 No. P- (3)					
item - 13 (i) @ Rs 3494.20					
			2 Rs		3494.20
(ii) 600 mm circular board					
— do —					
ent = 1 No. P- (3)					
item - 13 (ii)					
@ Rs 4674.51 = Rs 4674.51					
(iii) 600 mm x 450 mm rectangular board					
— do —					
ent = 1 No. P- (4)					
item - 13 (iii)					
@ Rs 6505.39 = Rs 6505.39					
(iv) 600 mm x 450 mm rectangular board					
— do —					
ent = 1 No. P- (3)					
item - 13 (iv) @ Rs 4553.69					
				Rs 4553.69	
(v) 900 mm octagon board					
— do —					
ent = 1 No. P- (4) item - 13 (v)					
@ Rs 8289.81 = Rs 8289.81					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Direction & Place identification sign do					
ent = 2 No. P- (4)					
item - (14) @ Rs 10165.17					
				2 Rs	20330=
(15) Road marking with hot applied Thermoplastic do					
ent = 138 m ² P- (4)					
item - (15) @ Rs 859.51					
				2 Rs	118612=
(16) Providing & fixing of typical masonry informatory sign board do					
ent = 3 No. P- (4)					
item - (16) @ Rs 10246.52					
				2 Rs	30739=
(17) Earthwork in excavation do					
ent = 15.662 m ³ P- (4)					
item - (17) @ Rs 305.40/m ³					
				Rs	47832=
(18) Providing m-15 as levelling course in found do					
ent = 2.054 m ³ P- (4)					
item - (18) @ Rs 5664.60					
				Rs	11635=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Providing concrete for plain concrete in open foundation					
— — — do — — —					
ent = 15.165 m ³ P- (5)					
item - (19) @ Rs 6350.63					
				2 Rs	963072
(20) Providing and laying reinforced cement concrete — — do — —					
ent = 7.50 m P- (5)					
item - (20) @ Rs 1262.83					
				2 Rs	94712
(21) Providing 1.5 mm cement punning — — do — —					
ent = 8.160 m ² P- (5)					
item - (21) @ Rs 52.70					
				= Rs	4302
(22) Painting two coats on new plastered concrete sub base — — do — —					
ent = 39.197 m ² P- (5)					
item - (22) @ Rs 100.80 = Rs					39512
				Total Rs	50474472
Add GST - 12-1				Rs	6056942
Add Labour less	1-1			Rs	504742
Add Storage fee				Rs	591372
Less 23.77% (as per RPS)				Rs	57627522
				Rs	13698062
Grand Total				Rs	43929462

11/02/2022
JE

11-2-2022
JE

10-3-22
E.E.