

22/11/22

Areraj Block ke Naghadaha Panchayat ke
Sirni Bazar se Pitch Road to Belahi Faing Master
ke ghar hokar Nagadaha Dyant Panch ke ghar ke pas -

Schedule XLV-Form No. 134 Pakki Sadak

(MP-3054)

Areraj

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

मेसर्स ग्रुप एंड एन 54/90

Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.
 (These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Name of work</u> :- Naghadahan Panchayat					
Ke Seemi Bazar se Pith road to					
Beahi Failing Master ke Ghar					
Hoker Nagalaha Anant Poutt Ke					
Ghar ke Puth Pakke Sadak.					
<u>Head</u> :- M/R 3054					
<u>Agency</u> :- M/S Rishi Construction					
<u>Agg. No</u> :- 39MBD/2020-2021					
<u>Date of start</u> :- 17/8/2020					
<u>Date of completion</u> :-					
<u>Date of entry</u> :-					
<u>Measurement</u>					
① <u>cleaning & grubbing</u>					
road land etc. etc. etc.					
	2x60	30.0	1.0	—	= 3600.00 m ²
				Qty	= 0.36 m ²
② <u>Dismantling of existing</u>					
structure etc. etc. etc.					
	2	6.0	0.60	0.40	= 2.88 m ³
				Qty	= 2.88 m ³
<u>Qty for 300x300 Column</u>					
	3x	2.88 m ³	=		8.64 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Further measurement</u>					
① Providing & laying Premix concrete with bitumen emulsion etc do job Qty wide 9m No (5) in TMBP-5, 6 = 64.74 m ³ @ 10/5 = 863.2 m ²					
extra 2 x 20.900 1.10					3.96 m ² = 8.80 m ²
					Qty = 867.16 m ²
② Patch work power wbm using M20 concrete Cement etc do job Qty as per m ² x 0.11 = 867.16 m ²					
Repair of c. c. Part m ²					
10 5.40 0.90					= 48.60 m ²
10 3.0 1.50					= 45.0
2 x 5 5.0 0.90					= 45.0 "
1 4.50 2.10					= 9.45 "
10 3.50 2.50					= 87.50
1 4.20 1.80					= 7.56 "
10 2.50 1.10					= 27.50 "
1 4.0 2.10					= 8.40 "
1 8.0 2.40					= 19.20 "
					1165.37 m ²

Continuation

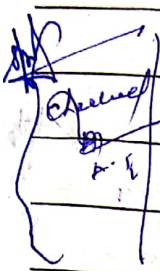
Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
	10	3.50	2.80	$312.00 = 1165.37 m^2$ $= 98.0 m^2$ $Q/S = 1263.37 m^2$
⑧ Procuring & applying face plaster with kitchen emulsion etc do all job				
	25	30.00	3.75	$= 2812.50 m^2$
	1	20.00	3.75	$= 75.00$
	33	30.00	3.75	$= 3712.50$
	2	30.00	3.75	$= 225.00$
For patch porting area width 9m No (7)				$= 1263.37 m^2$
	2x3	15	0.45	$\frac{10.90}{2} = 60.75 m^2$

	1x2	10.00	0.70	$\frac{0.70 + 0.70}{2} \times 1 = 10.0 m^2$ $Q/S = 8159.12 m^2$
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⑨ Procuring and laying semi dense kitchen masonry concrete with 100-720 PPH etc do do all job				
	5	30.00	3.75	$0.025 = 14.06 m^3$
	5	30.00	3.75	$0.025 = 14.06 m^3$
	1	15.00	3.75	$\frac{4.05}{2} \times 0.025 = 1.46 m^3$
	1	30.00	3.75	$0.025 = 2.81 m^3$
	4	30.00	3.75	$0.025 = 11.25 m^3$
	1	15.00	3.75	$\frac{4.05}{2} \times 0.025 = 1.47 m^3$
	4	30.00	3.75	$0.025 = 11.25 m^3$
Continuation				$56.36 m^3$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	15.00	3.75	4.00	$0.025 = 1.45773$
	5	70.00	3.75	0.025	$= 14.06273$
	5	30.00	3.75	0.025	$= 14.06273$
	1	15.00	3.75	4.00	$0.025 = 1.4611$
	5	30.00	3.75	0.025	$= 14.06273$
	5	30.00	3.75	0.025	$= 14.06273$
	1	15.00	3.75	4.00	$0.025 = 1.47211$
	5	70.00	3.75	0.025	$= 14.06273$
	1	15.00	3.75	4.00	$0.025 = 1.45773$
	5	30.00	3.75	0.025	$= 14.06273$
	3	30.00	3.75	0.025	$= 8.43773$
	1	15.00	3.75	4.00	$0.025 = 1.49111$
	5	30.00	3.75	0.025	$= 14.15611$

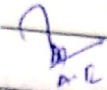
↓	51	5.00	3.75	0.025	$= 0.47511$
	1	12.50	3.75	0.025	$= 1.17273$
					$\text{Qty} = 172.34 \text{ m}^3$

(10) P/R & F/F ordinary km
 Post etc. do do do
 Qty = 03 No

(11) P/R & F/F zoom stone
 Post etc. do do do
 Qty = 08 No

(12) P/R & F/F boundary Pellet
 etc. do do do do

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					$Q/S = 20 Nos$
⑬ Road marking with hot applied thermoplastic paint etc. de-de-all job					
 1x60 30.0 0.10 - = 360.0 m ²					
2x1 20.0 0.10 - = 4.0 m ²					
					$Q/S = 364.0 m^2$
⑭ E/w in road flump etc de-de-all job					
2x25 30.0 1.00 0.30 = 450.0 m ³					
2x33 30.0 0.50 0.30 = 297.0					
					$Q/S = 747.0 m^3$
⑮ Retro reflectorised traffic signs with size more than 0.9 sqm size board etc de-de-all job					
6 1.20 0.80 - = 5.76 m ²					
					$Q/S = 5.76 m^2$
⑯ P/V & F/F Logo of Maintenance Sign board etc de-de-all job					
					$Q/S = 0.5 Nos$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Repair of culvert</u>					
(17) Brick masonry work					
in c.m. (1:3) in parapet top					
do — do — all complete job					
3x2	6.0	0.40	0.60		= 8.64 m ³
					<u>Qty = 8.64 m³</u>
(18) Plastering with cement					
mortar (1:4) for do — do job					
3x4	6.0	0.60	—		= 43.20 m ²
3x2	6.0	0.40	—		= 14.40 m ²
3x4	0.40	0.60	—		= 2.88 "
					<u>Qty = 60.48 m²</u>
(19) Plastering with cement					
mortar (1:4) of existing					
culvert for do — do job					
side face	4	6.0	0.60	—	= 14.40 m ²
	2	6.0	0.40	—	= 4.80 "
	4	0.40	0.60	—	= 0.96 "
					<u>Qty = 20.16 m²</u>
Qty for 2 No culvert					
					2 x 20.16 m ² = 40.32 m ²
					<u>Qty = 40.32 m²</u>

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Ismael Bill</u>					
<u>ABSTRACT OF COST</u>					
①					
Cleaning & grading					
Reoland etc do do etc					
Qty wide T.M.P. - 1					
0.36 Ha at Rs 4948.70/ha					Rs 1781.80
②					
Demolishing & erecting					
structure etc do do etc					
Qty wide T.M.P. - 01					
8.98 m ³ @ Rs 228.72/m ³					Rs 1976.00

③ Construction of sand-mound
 etc etc do do wall length
 Qty wide T.M.P. - 10
 747.0 m³ @ Rs 176.25/m³ Rs 132032.00

④ Construction of granular sub
 base with well graded material
 etc do do do all etc
 Qty wide T.M.P. - 3
 60.18 m³ @ Rs 2248.68/m³ Rs 135326.00

⑤ Paving with B.M.B.I.
 stone metal consolidation
 Qty wide T.M.P. - 4

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
38.63 m ³ @ 4155 = 20/m ³ R, 160538 = 00					
⑥ P/L & lagging spreading WBM/Gravel Stone mts & consolidation etc etc - job Qty wide TMBP - 6 66.74 m ³ @ 2745 = 39/m ³ R, 241202 = 00 Land 64.40 m ³					
⑦ Proceeding with applying primer coat etc etc - job Qty wide TMBP - 07 867.16 m ² @ 41 = 591/m ² R, 36056 = 00					
⑧ Patch work with mixer seal. Ben free etc etc - etc - all complete job Qty wide TMBP - 8 1263.37 m ² @ 206 = 20/m ² R, 260507 = 00					
⑨ P/L & applying top coat with bitumen emulsion etc Qty wide TMBP - 8 8159.12 m ² @ 14 = 10/m ² R, 115044 = 00					
⑩ P/L & lagging some dense bituminous concrete etc Qty wide TMBP - 9					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
172.34 m ³ @ R 10096 = 27/103 R 1791703 = 17					
(11) P/V & F/F ordinary					
km post etc do - 1/10					
Qty wide TMBP - 9					
03 Nos @ R 2385 = 29/106 R 7156 = 10					
(12) P/V & F/F 250 mm stone					
post etc do - 1/10					
Qty wide TMBP - 9					
03 Nos @ R 643 = 37/106 R 5147 = 10					
(13) P/V & F/F 600 mm circular					
sign board etc do - 1/10					
Qty wide TMBP - 12					
13 Nos @ R 3699 = 99/106 R 48099 = 10					
(14) P/V & F/F 600 mm circular					
sign board etc do - 1/10					
Qty wide TMBP - 12					
02 Nos @ R 3799 = 34/106 R 7599 = 10					
(15) P/V & F/F 600 mm x 150 mm					
Rectangular sign board etc					
Qty wide TMBP - 12					
04 Nos @ R 3670 = 72/106 R 14681 = 10					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) P/V & F/F Retention and Place identification etc. do - do - all complete job Qty wide TMBP - 10 5.76 m ² @ R ₁₂₄₁₂ = 32/m ² R ₇₁₄₉₅ = 00					
(17) P/V & F/F boundary Peller etc do - do - job Qty wide TMBP - 50 20 Nos @ R ₅₃₆₂₆ / No R ₁₀₇₃₃ = 00					
(18) Planting of tree. and their maintenance - for one year etc do - do - all job Qty wide TMBP - 12 30 Nos @ R ₇₉₉ = 09/No R ₃₀₃₆₅ = 0					
(19) Road marking with hot applied thermoplastic paint etc do - do - job Qty wide TMBP - 10 364.0 m ² @ R ₇₃₅ = 40/m ² R ₂₆₇₆₈₆ = 00					
(20) P/V & F/F logo etc Maintenance project etc do - do - all - job					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Atg wide TMBP-10					
0.5 No. 2 @ R, 9475=22/m ² R 47376=00					
(21) Brickwork in C.M (1:3)					
in Parapet etc etc all job					
Atg wide TMBP-11					
8.64 m ³ @ R, 5719=69/m ³ R 49418=00					
(22) Plastering of cement work					
C:4) etc etc all job					
Atg wide TMBP-11					
60.48 m ² @ R, 188=23/m ² R 11384=00					

(23) Plastering with C.S.
C:4) and R/W etc etc job
Atg wide TMBP-11
40.32 m² @ R, 188=23/m² R 7589=00

(24) Painting in Cement
new surface etc etc job
Atg wide TMBP-12
100.80 m² @ R, 95=12/m² R 9639=00
R 34,80,569=00
12 % A+4 for GST (+) R 4,17,668=00
1 % A+4 for CESS (+) R 34,806=00
R 39,33,043=00
0.33 % A+4 for Below (+) R 12,979=00
Rate as per R/A Continuation R 39,20,064=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13/6 R ₂ 392,0064 = 00
					R ₂ 392,0064 = 00
(Rupees thirty nine lakh twenty thousand eight hundred only)					
					<u>11.12.21</u> A E <u>11/12/21</u> SK
Work has been completed as per specification with 99.99% and hundred % measurement has been checked by me.					
					<u>11/12/21</u> A E <u>11/12/21</u> SK

IN work has been completed as per specification with 99.99% and hundred % measurement has been checked by me.

11.12.21
A E

Continuation