

Name of Road - Tankuhwa to Sheewahi

Aggr. No - 02 MBD/2024-95 (mmsswy)

Schedule XLV-Form No. 134 (GEN)

DIVISION

Agency - Solanki Engicon SUB-DIVISION
Private Limited

MB NO - 511

Measurement Book

Block - Raadhuhaari

511

(40th & final Bill)

(mmhsuy)

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⇒ N/Work - Repair & const. of Road & CD Work from Tamkaha to G Aewarahi (mmhsuy)					
⇒ Agency - Solanki Engin private Ltd. (At West Champaran)					
⇒ Agreement no - 02 MBD/2024-025					
⇒ Date / commence - 20-06-2024					
⇒ Date / completion - 19-03-2025					
Box Culvert - 1m x 2 cell.					
1/35 providing PCC (M20) - do - (5m x 3m)					
Return wall:-					
4 nos x 3.0m x $\frac{2.496 + 1.796}{2}$					
				$\times 1.60m = 41.20m = 41.20m^3$	
At 02/02/25					
At 02/02/25					

Materials Statement (With Cost).

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Earth Work = 406.95 m ³					
@ Rs 35.25 / m ³					= Rs 14,345 =
② Stone Agg.					
(i) (53-22.4) mm = 9.50 m ³					
@ Rs 1100.04 / m ³					= Rs 10,450 =
(ii) stone screening					
(11.2 mm) = 1.88 m ³					
@ Rs 424.21 / m ³					= Rs 798 =
(iii) (9.5-4.75) mm = 7.18 m ³					
@ Rs 595.16 / m ³					= Rs 4273 =
(iv) (4.75) & below = 5.172 m ³					
@ Rs 429.97 / m ³					= Rs 2224 =
③ Crushed Stone Agg.					
(i) 40 mm = 62.02 m ³					
@ Rs 992.23 / m ³					= Rs 61,538 =
(ii) 20 mm = 134.60 m ³					
@ Rs 1207.16 / m ³					= Rs 1,62,484 =
(iii) 10 mm = 79.41 m ³					
@ Rs 595.16 / m ³					= Rs 47,262 =
④ Sand = 140.50 m ³					
@ Rs 502.80 / m ³					= Rs 70,643 =
⑤ Filter media.					
(Granular Agg.)					
filter media = 47.04 m ³					
@ Rs 689.23 / m ³					= Rs 32,421 =
					T = Rs 4,06,438 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Bituminous</u>				
① Prime coat (SS-1)					
② Bitumen emulsion (SS-1)					0.293 MT
③ Bitumen emulsion (SS-1)					0.095 MT
④ Bitumen Vh-30 pack, (S-65)					0.925 MT
⑤ waste plastic					0.070 MT
<u>Consumption of</u>					

Bitumen :-

Reference to

vide P(32)/TMB

① Bitumen emulsion (SS-1)

(i) vide P(32)/TMB = 13.3194 MT

(ii) vide P(70)/TMB = 0.293 "

T = 13.61 MT = 13.60 MT

② Bitumen Emulsion (SS-1)

(i) vide P(32)/TMB = 3.5257 MT

(ii) vide P(70)/TMB = 0.095 "

T = 3.62 MT = 3.62 MT

③ Bitumen Vh-30, (S-65)

(i) vide P(32)/TMB = 42.0362 MT

(ii) vide P(70)/TMB = 0.925 MT

T = 42.961 = 42.96 MT

④ Waste Plastic (Continuation)

(i) vide P(32)/TMB = 3.1640

(ii) vide P(70)/TMB = 0.070

T = 3.234 MT = 3.234 MT

Abstract of Cost.

Sch. XLV-Form No. 134 ⁷¹ (for 4th & final)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⇒ Name/Work - Repair & const. of Road & C.P work from tankuh to Ghewarahi" (mmhsuy)					
⇒ Name/Agency - Solanki Engicon Private Ltd (AT west chumparan)					
⇒ Agreement No - 02M/B/2024-025					
⇒ Date/commence - 20-06-2024					
⇒ Date/completion - 19-03-2025					
1/(01) - clearing & grubbing - do -					
Qty vide P(48)/TMB = 1.0375 Hact					
@ Rs 76926.08/Hact = Rs 79811=L					
2/(02) - Scarifying the existing Rd Surface - do - do -					
Qty vide P(48)/TMB = 5512.50 m ²					
@ Rs 32.78/m ² = Rs 1,80,700=L					
3/(03) - const. / Earthen shoulder:-					
Qty vide P(48)/TMB = 715.75 m ³					
Qty vide P(68)/TMB = 406.95 m ³					
T = 1121.70 m ³					
@ Rs 264.72/m ³ = Rs 2,96,936=L					
4/(04) - Gr. S.B. - const. / 150 With Well graded mat. - do -					
Qty vide P(48)/TMB = 78.95 m ³					
@ Rs 3331.220/m ³ = Rs 2,63,000=L					
5/(05) - Work hr-II - Plv, Laying, Spreading & compacting stone Agg - do - do - all c/s.					
Qty vide P(49)/TMB = 66.392 limited to 66.3915 m ³ m ³					
@ Rs 7085.320/m ³ = Rs 4,70,405=L					
= 420429.~ limited					
Continuation = Rs 1790852-					

Continuation = Rs 12,90,852=L

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B-F. Amount - - - - -					12,908.52
6/(06) - WPM Gr-III - providing.					
laying, spreading & compacting					
stone Agg. - do - do -					
Qty vide P(49) / TMB = 1192.66 m ³					
Qty vide P(66) / TMB = 7.85 "					
T = 1200.51 m ³					
Limited to 1193.0625 m ³					
@ Rs 6642.680 / m ³					= Rs 7925132 =
7/(07) - prime coat - P/V & App.					
Qty vide P(49) / TMB = 15669.835					
Qty vide P(66) / TMB = 344.625 "					
T = 16014.46 m ²					
Limited to 15907.500 m ²					
@ Rs 57.910 / m ²					= Rs 921203 =
8/(08) Tack coat - P/V and App.					
Qty vide P(49) / TMB = 15669.835 m ²					
Qty vide P(66) / TMB = 344.625 "					
T = 16014.46 m ²					
Limited to 15907.500 m ²					
@ Rs 19.880 / m ²					= Rs 316241 =
9/(09) - S.D.B.C. - P/V & Laying					
S.D.B.C. with - do - do -					
Qty vide P(50) / TMB = 391.735 m ³					
Qty vide P(67) / TMB = 8.62 m ³					
T = 4003					
= 400.355 m ³					
Limited to 397.688 m ³					
@ Rs 15618.610 / m ³					= Rs 6211326 =
Continuation					= Rs 1,66,64,754 =

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
B.F. Amount				= Rs 166,64,754 =
10/(10) - Dry Lean Cement Conc				
Qty wide P(50)/TMB = 16.88 m ³				
@ Rs 7099.110/m ³ = Rs 1,19,833 =				
11/(11) - Const. of panel conc.				
Qty wide P(50)/TMB = 213.049 m ³				
@ Rs 11327.035/m ³ = Rs 2,413,213 =				
12/(12) - R.C.C. M-15 Grade KM Stone				
(i) KM Stone				
Qty wide P(65)/TMB = 6 Nos				
@ Rs 3428.280/each = Rs 20570 =				
(ii) 200 m Stone				
Qty wide P(65)/TMB = 19 Nos				
@ Rs 905.270/each = Rs 17200 =				
13/(13) - Erecting & placing direction Reflectorisised sign				
Qty wide P(50)/TMB = 0.96 m ²				
@ Rs 15316.610/m ² = Rs 14704 =				
14/(14) - Providing & fixing Retro-Reflectorisised sign				
(i) 600 mm equilateral A				
Qty wide P(50)/TMB = 16 Nos				
@ Rs 4790.81/each = Rs 76653 =				
(ii) 600 mm Circular - do -				
Qty wide P(51)/TMB = 3 Nos				
@ Rs 6202.78/each = Rs 18,608 =				
(iii) 600 mm x 450 mm Rect.				
Qty wide P(51)/TMB = 4 Nos				
@ Rs 6058.25/each = Rs 24233 =				
Continuation				= Rs 1,93,69,768 =

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
B-f. Amount				Rs 169.44
				= Rs 193,697.68
(iv) 900 mm x 300 mm Hazard marker				
Qty vide P(51)/TMB = 20 Nos.				
@ Rs 6058.245 / each				= Rs 121165.00
(vii) 900 mm side octagone.				
Qty vide P(51)/TMB = 1 No.				
@ Rs 10527.61 / each				= Rs 10528.00
15/(15) - R.C.C. M-15 Grade				
Boundary pillars - do -				
Qty vide P(66)/TMB = 80 m				
@ Rs 719.300 / each				= Rs 57,544.00
16/(16) - painting New Letters & figures - do - do -				
Qty vide P(66)/TMB = 220 cm				
@ Rs 0.770 / cm				= Rs 169.00
17/(17) - planting of tree by the Road side - do -				
Qty vide P(66)/TMB = 105 m				
@ Rs 1305.100 / each				= Rs 1,370,365.00
(payment released only 30%) till				
18/(18) - providing & laying HAP Applied thermoplastic compound. - do -				
(i) DT portion :-				
Qty vide P(67)/TMB = 723.13 m ²				
(i) + (ii) Qty vide P(67)/TMB = 99.73 "				
@ Rs 886.50 / m ²				= Rs 7,29,465.00
				= Rs 2,04,25,675.00

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
B.F. & Amount				= Rs 2,04,256/-
(iii) For P.C.C. portion.				
Qty vide P(52)/TMB = 90.4 m ²				
@ Rs 988.82/m ²				= Rs 88,994/-
19/(19) - P.V. and fixing of typical masonry infill masonry				
With 'Lego' - do - do				
Qty vide P(51)/TMB = 5 nos.				
@ Rs 11409.220/cut				= Rs 57,046/-
20/(20) - Earth work in excavation for structure as per - do -				
Qty vide P(52)/TMB = 107.698 m ³				
@ Rs 405.83/m ³				= Rs 43,707/-
21/(21) - Sand filling in foundation trenches - do - do				
Qty vide P(52)/TMB = 7.34 m ³				
@ Rs 578.656/m ³				= Rs 4248/-
22/(22) - P.V. P.C.C. - 15 (1:2:5:5) concrete - do - do -				
Qty vide P(52)/TMB = 14.29 m ³				
@ Rs 8714.82/m ³				= Rs 1,24,535/-
23/(23) - P.C.C. (M-20) in open field				
Qty vide P(52)/TMB = 68.767 m ³				
@ Rs 9800.71/m ³				= Rs 6,73,965/-
24/(24) - P.C.C. (M-20) in open field				
Qty vide P(53)/TMB = 28.614 m ³				
@ Rs 9800.710/m ³				= Rs 2,80,437/-
				= Rs 2,80,437/-
				= Rs 1/-
Continuation				= Rs 2,16,98,607/-

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
O. f. Amount				= 621698607 =
25/(25) - P.C. m-20 in sub stn.				
Qty wide P (53) / TMB = 8.156 m ²				
@ Rs 9800.71 / m ²				= Rs 79934 =
26/(26) - R.C. m-25 in Deck				
Job - do - do - all 1/3				
Qty wide P (53) / TMB = 6.37 m ²				
@ Rs 9888.71 / m ²				= Rs 63031 =
27/(27) - Supplying fitting & placing - do - do -				
Qty wide P (53) / TMB = 0.212 m ²				
@ Rs 75327.47 / m ²				= Rs 61166 =
28/(28) - P.C. & filling joint sealing compound - do -				
Qty wide P (53) / TMB = 16.60 m				
@ Rs 55.940 / m				= Rs 929 =
29/(29) - Plu Deep holes in old				
(in) Qty wide P (53) / TMB = 30 m				
@ Rs 286.02 / unit				= Rs 8581 =
30/(30) - Grange Spoints - do -				
Qty wide P (53) / TMB = 2 m				
@ Rs 5763.450 / E				= Rs 11527 =
31/(31) - P.V. & laying filter media - do - do - all 1/3				
Qty wide P (53) / TMB = 48.54 m ²				
@ Rs 5273.962 / m ²				= Rs 255998 =
				= Rs 22179773 =

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B-f Amount - - - - = Rs					22,17,977.3 =
32/(32) - painting on parapet					
Wall - do - do - all c/sob.					
Qty vide P(63)/TMB = 26.56 m ²					
@ Rs 136.59 / m ² = Rs					3628.4
33/(33) - Box Culvert.					
Earth work in excavation					
for found ⁿ of structure					
- do - do -					
Qty vide P(54)/TMB = 280.74 m ³					
@ Rs 405.830 / m ³ = Rs					113932 =
34/(34) - P/V. PCC (M-15) Grade					
Qty vide P(54)/TMB = 17.422 m ³					
@ Rs 8714.82 / m ³ = Rs					151830 =
35/(35) - P/V. P.C.C. (M-20) grade					
in open found ⁿ - do -					
Qty vide P(54)/TMB = 10.35 m ³					
Qty vide P(58)/TMB = 41.20 m ³					
T = 51.55 m ³					
@ Rs 9800.71 / m ³ = Rs					505227 =
36/(36) - supplying fitting					
& placing HYSD bar					
- do - do - all c/sob.					
Qty vide P(54)/TMB = 0.382 m ³					
@ Rs 73512.070 / m ³ = Rs					28101 =
37/(37) - P.C.C. (M-20) for R/Wall.					
Qty vide P(58)/TMB = 36.50 m ³					
@ Rs 9800.71 / m ³ = Rs					357726 =
Continuation					= Rs 2,33,40,217 =

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
B. f. Amount				Rs 2,33,402.17
38/(38) - Weep holes - do -				
Qty vide P(61) / m ² = 80 m ²				
@ Rs 286.020 / m ²				= Rs 22,882.00
39/(39) - R.C.C (M-25) grade.				
Qty vide P(61) / m ² = 80.39 m ²				
@ Rs 9888.71 / m ²				= Rs 7,94,063.00
40/(40) - Supplying fitting & placing - do - do -				
Qty vide P(60) / m ² = 7.55 m ²				
@ Rs 73777.370 / m ²				= Rs 55,701.90
41/(41) - Back filling about behind Abutment -				
Qty vide P(61) / m ² = 86.58 m ²				
limited to 86.576 m ²				
@ Rs 5052.68 / m ²				= Rs 4,37,441.00
42/(42) - Filter media - do				
Qty vide P(61) / m ² = 39.20 m ²				
limited to 39.1286 m ²				
@ Rs 5273.962 / m ²				= Rs 2,06,732.00
43/(43) - P.V. & laying R.C.C. (M-30) grade - do -				
Qty vide P(62) / m ² = 45.635 m ²				
@ Rs 11269.090 / m ²				= Rs 5,14,265.00
44/(44) - Supplying fitting & placing HYSD bar				
Qty vide P(60) / m ² = 0.502 m ²				
Qty vide P(62) / m ² = 3.361 m ²				
T = 3.863 m ²				
@ Rs 75327.47 / m ²				= Rs 2,90,990.00
Continuation				= Rs 2,61,63,609.00

Continuation
$$= 1 - 2,6708569$$

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
3.5. Amount				= Rs 26708569
51/(51) - Protection work excavation - do-do				=
Qty vide P(54)/TMB = 223.289				
@ Rs 405.830/m ²				= Rs 90617
52/(52) - p/w and Laying boulder Apron for bed protection — do — do — all 1/50b.				
Qty vide P(65)/TMB = 27.6				
@ Rs 5443.270/m ²				= Rs 150234
53/(53) - providing PCC (M-15) Grade conc. in open found ⁿ				
Qty vide P(64)/TMB = 444.2				
P @ Rs (64) = 5.5976m ²				
@ Rs 8714.82/m ²				= Rs 48782
54/(54) - providing concrete for PCC 10-20 grade in open found - do				
Qty vide P(64)/TMB = 34.1205				
@ Rs 9800.710/m ²				= Rs 334405
55/(55) - Brick work masonry in cm (1:3) in parapet wall — do — do —				
Qty vide P(65)/TMB = 4.42				
@ Rs 6370.390/m ²				= Rs 28157
56/(56) - Plastering with C.M. (1:4) on d/w surface				
Qty vide P(65)/TMB = 31.36				
@ Rs 257.510/m ²				= Rs 8076
Continuation				= Rs 27368840

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
B. f. Amount				= Rs 273,688.40
57/(57) - painting two coats including primer - do				
Qty vide P(65)/TMD = 31.36 m ²				
@ Rs 136.590/m ²				= Rs 4283.00
58/(58) - P.N. + Laying 300mm irrigation pipe - do				
do - all c/jt				
Qty vide P(36)/TMD = 70.4 m				
@ Rs 1064.6120/m				= Rs 74,523.00
59/(59) - Dismantling of C.C.				
Qty vide P(06)/TMD = 3.4 m ³				
@ Rs 692.768/m ³				= Rs 2078.00
60/(60) - Dismantling of R.C.C.				
Qty vide P(06)/TMD = 19.80 m ³				
@ Rs 1610.017/m ³				= Rs 31,878.00
61/(61) - Dismantling of stone masonry work.				
Qty vide P(06)/TMD = 74.25 m ³				
@ Rs 321.932/m ³				= Rs 23,903.00
				T = Rs 275,055.00
Add - GST			18%	= Rs 49,509.91
Add - L/cess			1%	= Rs 2,750.55
				= Rs 327,315.51
Add. Seigniorage fee				
(i) vide P(17)/TMD = 1,76,594.00				
(ii) vide P(38)/TMD = 40,347.00				
(iii) vide P(55)/TMD =				

Continuation

P.T.O.

