

Name of Work—
 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st And final Bill				
Name of Work: - Construction of Road from					
Matarkhar Paschim Se Pethgaite					
Ahar Tak					
Name of Agency: - Santay Kumar Technocare					
Pvt. Ltd.					
Agreement No: - 19 M.B./2022-2023					
Date of Commencement: - 31-12-2022					
Date of Completion: - 03-09-2023					

Sonal Ex. Providing clearing and					
foully road line					
do to as complete					
$2 \times 4 \text{ No} \times 1.50 \times 50.00 =$					600 m ²
$2 \times 4 \text{ No} \times 50.00 \times 1.2 + 1.8 =$					600 m ²
$10 \text{ No} \times 30.00 \times 3.6 + 3.8 =$					1110 m ²
$3 \text{ No} \times 50.00 \times 2.60 =$					390 m ²
Total Area					2700 m ²
$2700 / 10000 =$					0.27 Hct
Sonal Ex. Construction of embankment					
Road with 400mm					
$2 \times 3 \text{ No} \times 50.00 \times 0.2 \times 0.6 =$					180 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Smt 9/92	Brick masonry work				
	in c.m (1:3) of form				
	Pete wall on				
	2x3 No	6.0x0.40x0.60			8.64m ³
Smt 4/91	Plastering with cement mortar (1:1) on				
	brick work on				
	2x3x6.0x0.80				28.80m ²
	2x3x6.0x0.60				21.60m ²
	2x3x6.0x0.40				14.40m ²
	3x4 No	0.60x0.40			2.88m ²
					= 67.68m ²
Smt 8/90	Provide and fix -				
	logs of maintenance				
	of Protection				
	2 No				2 No
Smt 6/76	Dry lean cement -				
	Concrete in leveling				
	Course on				
	4 No	1.80x0.60x0.075			0.32m ³
	3 No	2.30x0.80x0.075			0.41m ³
	6 No	0.90x0.60x0.075			0.24m ³
	7 No	0.80x0.30x0.075			0.12m ³
	5 No	0.50x0.30x0.075			0.05m ³
	1 No	5.60x2.80x0.075			1.17m ³
	6 No	0.90x0.20x0.075			0.08m ³
	Total -				2.39m ³

B/P. Q4. 2.39m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4 Nos	0.60	0.30	0.075	0.05 m ³
	1 No	2.80	0.90	0.075	0.18 m ³
	3 Nos	2.50	0.60	0.075	0.33 m ³
	1 No	11.50	0.30	0.075	0.25 m ³
	1 No	2.60	0.90	0.075	0.17 m ³
	Total Q4 =				3.37 m ³

S.M. 7/77

Construction of up-

reinforced Plain Cement

Concrete Pavement

to be complete

$$2 \text{ Nos } 30.00 \times 3.75 \times 0.160 = 36 \text{ m}^3$$

$$2 \text{ Nos } 30.00 \times \frac{3.75 + 3.4}{2} \times 0.16 = 17.16 \text{ m}^3$$

$$1 \text{ No } 30.00 \times 3.75 \times 0.160 = 18.0 \text{ m}^3$$

$$1 \times 30.00 \times \frac{3.57 + 3.75 + 3.3}{3} \times 0.160 = 16.88 \text{ m}^3$$

$$\text{Total Q4} = 88.04 \text{ m}^3$$

M.A.

S.M.

S.M. 8/69

Providing laying spreading

and compacting G.S.B.

material filling in P.C.

holes

$$4 \text{ Nos } 3.50 \times 1.60 = 22.40 \text{ m}^2$$

$$3 \text{ Nos } 4.50 \times 0.90 = 20.25 \text{ m}^2$$

$$2 \text{ Nos } 5.80 \times 0.60 = 6.96 \text{ m}^2$$

$$4 \text{ Nos } 0.60 \times 0.30 = 0.72 \text{ m}^2$$

$$7 \text{ Nos } 2.90 \times 0.25 = 5.07 \text{ m}^2$$

$$4 \text{ Nos } 1.80 \times 0.60 = 4.32 \text{ m}^2$$

$$\text{Total} = 59.72 \text{ m}^2$$

Continuation

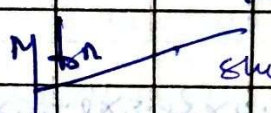
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P Area =		59.72 m ²
	4 Nos	2.80	1.30	2	14.56 m ²
	7 Nos	1.50	0.30	2	3.15 m ²
	4 Nos	1.80	0.40	2	2.88 m ²
	3 Nos	3.0	1.20	2	10.80 m ²
	1 No	0.90	0.30	2	0.27 m ²
	4 Nos	1.50	0.20	2	1.20 m ²
			(A) Total Area =		92.58 m ²
	Qty = 92.58 x 0.150 =				13.88 m ³
	M 1:1				5 m
on 2/30	Provide carry spreads				
	Computing W.B. on				

for material for pot					
filling					
Pot Measurement Area					
As above of Above					
Pot Area Page 14 (A)					
92.58 m ²					92.58 m ²
3 Nos x 2.80 x 1.30 =					10.92 m ²
1 No x 15.60 x 1.20 =					37.44 m ²
2 Nos x 25.00 x 0.70 =					35.00 m ²
4 Nos x 0.90 x 0.80 =					2.88 m ²
3 Nos x 2.80 x 0.80 =					6.72 m ²
5 Nos x 5.30 x 0.60 =					15.90 m ²
(A) Area =					201.44 m ²
Qty = 201.44 x 0.075 =					15.10 m ³
M 1:1					5 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
300 No 10/21	Poor dry lumpy spreads and compactly worn for III material fills in Pot holes -				
	Pot measurement Area as done at Above				
	Pot area via Pot (4) (4)				
	201.44 m ² —				201.44 m ²
	1 No x 16.50 x 0.75 =				12.37 m ²
	3 No x 1.80 x 1.20 =				6.48 m ²
	2 No x 6.60 x 0.90 =				11.88 m ²
	1 No x 5.50 x 0.80 =				4.40 m ²
	3 No x 3.50 x 0.60 =				6.30 m ²
	4 No x 5.60 x 0.30 =				20.16 m ²
	1 No x 12.50 x 0.60 =				7.50 m ²
	4 No x 8.30 x 0.50 =				16.60 m ²
	2 No x 2.80 x 0.75 =				4.20 m ²
	3 No x 1.50 x 1.20 =				5.40 m ²
	Total Area =				296.73 m ²
	Qty = 296.73 x 0.075 =				22.25 m ³
	M.B.A. —				
300 No 11/18	Poor dry and lumpy 300 mm dia NPA —				
	dia hume pipe —				
	6 No x 2.50 =				15.0 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 15	Cont of sub grade at center shoulder				
	$2 \text{ Nos } 50.0 \times \frac{0.8 + 1.2}{2} \times 0.8 =$				80 m^3
	$2 \text{ Nos } 50.0 \times \frac{0.7 + 1.4}{2} \times 0.60 =$				63 m^3
	$2 \text{ Nos } 50.0 \times \frac{0.6 + 1.2}{2} \times 0.952 =$				85.50 m^3
	$2 \text{ Nos } 50.0 \times \frac{1.0 + 1.4}{2} \times 0.502 =$				60.0 m^3
	$2 \times 2 \times 50.0 \times \frac{0.9 + 1.5}{2} \times 0.50 =$				120 m^3
	$2 \times 2 \times 50.0 \times 0.9 \times 0.30 =$				54 m^3
	$2 \times 6 \text{ Nos } 50.0 \times \frac{0.8 + 1.2}{2} \times \frac{0.3 + 0.4}{2} =$				210 m^3
					$\text{Total} = 672.50 \text{ m}^3$
					
Item 16	Priming and applying Prime coat on				
	Area of Prime coat				
	is same as above				
	For Area vide Pyc No 5				
	296.73 m^2				296.73 m^2
Item 17	Priming and laying tack coat on				
	$4 \text{ Nos } 25.0 \times 0.90 =$				90 36 m^2
	$3 \text{ Nos } 20.0 \times 0.60 =$				36 m^2
	$3 \text{ Nos } 2.80 \times 2.30 =$				19.32 m^2
	$4 \text{ Nos } 6.50 \times 2.20 =$				57.20 m^2
	$7 \text{ Nos } 30.0 \times 0.60 =$				126.0 m^2
	$1 \text{ Nos } 16.0 \times 1.50 =$				24.0 m^2
					$\text{Total} = 352.52 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P		352.52m ²
	4 No	15.0	0.85	2	51.0m ²
	6 No	18.0	0.75	2	81.0m ²
	3 No	12.50	0.80	2	30.0m ²
	2 No	10.60	0.90	2	19.08m ²
	1 No	7.80	0.75	2	5.85m ²
	3 No	10.60	1.10	2	34.98m ³
	1 No	12.30	0.80	2	9.84m ³
	1 No	16.50	0.70	2	11.55m ³
	4 No	6.50	0.70	2	18.20m ³
	2 No	11.50	0.90	2	20.70m ³
	1 No	6.0	0.30	2	1.80m ²
	1 No	3.80	0.80	2	3.04m ²

	3 No	2.50	0.65	2	4.87m ²
	6 No	3.50	0.85	2	17.85m ²
	Total Area =				662.28m ²
	Add Area of side path				296.73m ²
	(A) Total B -				959.01m ²
Ints 18/	Provision and applying				
	20mm thick m/s				
	Seal surface				
	Area as shown at -				
	above the road				
	Page No - 8 of 8				
	959.01				959.01m ²
	963.98m ²				963.98m ²
	M/s				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
300 No 19 Providing and applying					
back coat on					
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
3 No $\times 30.0 \times 3.75 =$					337.50 m ²
1 No $\times 20.0 \times 3.75 + 3.4$					71.50 m ²
2 No $\times 25.0 \times 3.75 =$					187.50 m ²
(A) Total Area					2621.50 m ²
300 No 20 Providing laying some					
dense bituminous concrete					
sub-surface on					
Area As shown at					
above item vide					
TMB Page No. (A) - (A)					
2621.50 m ²					
Qty = $2621.50 \times 0.025 =$					65.53 m ³
M Ton					
Sluz					
300 No 21 Providing and laying					
Kim stone Paving					
2 No.					2 No

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cont ²² / ₈₀ : Provide and fix					
200 mm stone post					
as complete					
5 No					5 No
Cont ²³ / ₈₁ : Provide and fix					
direction & place					
bone					
2 No 1.20 x 0.80					1.92 m ²
Cont ²⁴ / ₈₂ : Provide and fix					
600 mm equilateral					
triangle					
3 No					3 No
Cont ²⁵ / ₈₃ : Provide and fix					
600 mm circular					
stop board					
2 No					2 No
Cont ²⁶ / ₈₄ : Provide and fix					
900 mm octagonal					
stop board					
1 No					1 No
Cont ²⁷ / ₈₅ : Provide and fix					
Rec boundary pillar					
as complete					
16 No					46 No

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30m² ²⁵ / ₈₈	Provide and laying Road marking with hot Applied thermos Plastic compound — to complete — $2 \times 14 \text{ Nos} \times 50.0 \times 0.10 =$				140m ²
90m² ²⁹ / ₈₉	Provide and laying Road marking with hot Applied thermos Plastic compound — $2 \times 10 \text{ Nos} \times 30.0 \times 0.10 =$ $2 \times 5 \text{ Nos} \times 30.0 \times 0.10 =$ Area =				60m ² 30m ² 90m ²
30m² ³⁵ / ₉₃	Provide Painty two- Coats - of New Sun face — $2 \times 6.0 \times 0.80 =$ $2 \times 6.0 \times 0.60 =$ $2 \times 6.0 \times 0.40 =$ $4 \text{ Nos} \times 0.40 \times 0.60 =$ $2 \times 5.0 \times 0.60 =$ $2 \times 5.0 \times 0.60 =$ $2 \times 5.0 \times 0.40 =$ $4 \text{ Nos} \times 0.40 \times 0.60 =$ $2 \times 2 \times 3.0 \times 0.60 =$				9.60m ² 7.20m ² 4.80m ² 0.96m ² 6.00m ² 6.00m ² 4.00m ² 0.96m ² 7.20m ²
Total Area =					46.72m ²
M/A 28/06/2023 JB					SLM 28.6.23 AG

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of cost				
3000 1/66	Poorly clearing and grubbing road land - do as complete -				
	Qty vid rms P.H. (1)				
	0.27 Hect @ 62032.43/m ²				16749 =
3000 2/67	Construction of embankment with approved material -				
	Qty vid rms P.H. (1)				
	180 m ³ @ 250.34/m ³				45061 =
3000 3/68	Cost of sub-grade of center blowls -				
	Qty vid rms P.H. (2)				
	672.50 m ³ @ 253.71/m ³				170620 =
3000 4/69	Poorly laying spreading and compacting G.S.B material -				
	Qty vid rms P.H. (4) & (6)				
	13.88 + 76.50 = 90.38 m ³				
	@ 1401.06/m ³				126677 =
3000 5/70	Poorly and laying - w.B.m for material - do as complete -				126628 =
	Qty vid rms P.H. (4) -				
	15.10 m ³ @ 3056.20/m ³				46149 =
	C/S -				

405207 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			R/P - R -		405207 =
Sum 8/1: Provide laying & spreading					
and compacting with m					
fine material filler					
for hole in					
Qty in m ³ P.H. (5) & (6)					
22.25 + 57.36 = 79.61 m ³					
@ 2641.45/m ³ R					210286 =
Sum 8/2: Provide and applying					
prime coat in					
Qty in m ³ P.H. (7)					
296.73 m ³ @ 62.71/m ³ R					18608 =
Sum 8/3: Provide and applying					
20 mm mix Seal -					
Surface in					
Qty in m ³ P.H. (8)					
955.01 m ³ @ 267.73/m ³ R					256756 =
Sum 8/4: Provide and applying					
tack coat in					
Qty in m ³ P.H. (8) & (9)					
959.01 + 2621.50 =					
3580.51 m ³ @ 21.39/m ³ R					76587 =
Sum 8/5: Provide and laying some					
dense bitum concrete					
Qty in m ³ P.H. (9)					
65.53 m ³ @ 13829.32/m ³ R					906235 =
					906235 - 1873679 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P-Rs.		1873.579
3000 11/56			Providing and laying -		
			day lean cement concrete		
			at Perimeter		
			Qty in cu mts P.Ms (3)		
			3.37 m ³ @ 492.67/m ³		218135
3000 12/77			Construction of wall -		
			reinforced cement concrete		
			crete Perimeter		
			Qty in cu mts P.Ms (3) & (6)		
			88.04 + 182.76 =		
			270.80 m ³ @ 7923.28/m ³		2145624
3000 13/78			Suturing and fitting.		
			300 mm dia. Hume Pipe		
			to be as complete		
			Qty in cu mts P.Ms (5)		
			15.0 m @ 580.37/m		87067
3000 14/79			Providing and laying -		
			floor floor		
			Qty in cu mts P.Ms (9)		
			2.16 @ 2739.34/cum		54795
3000 15/80			Providing and laying -		
			floor floor		
			Qty in cu mts P.Ms (10)		
			5.16 @ 801.24/cum		40065
			40.8 @ 4059.307 =		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P-b		4059307-
Stn No 16/81			providing and fixing -		
			direction and place -		
			board -		
			Qty in d mms P.H. - (10)		
			1.92 m @ 14840.73/m ² h		284932-
Stn No 17/82			providing and fixing 600 mm		
			equilateral triangle -		
			Qty in d mms P.H. - (10)		
			3 No @ 4357.42/each		13072-
Stn No 18/83			providing and fixing 600 mm		
			Crossed board -		
			Qty in d mms P.H. - (10)		
			2 No @ 4255.76/each		8512-
Stn No 19/84			providing and fixing 600 mm		
			octagonal sign board -		
			Qty in d mms P.H. - (10)		
			1 No @ 8556.76/each		8557-
Stn No 20/85			providing and fixing 600 mm		
			boundary pillar -		
			Qty in d mms P.H. - (10)		
			46 No @ 758.76/each		34903-
Stn No 21/86			providing and laying -		
			Road marking -		
			as complete		
			Qty in d mms P.H. (11)		
			140 m @ 823.80/m ² h		115332-
			cb b		4268176-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.P. Rs		4268176
20th 28/ Provide and lay -					
Road meeting -					
Qty vid mbs P.H. - (11)					
30 m ² @ 926.40/m ² ft					83376
20th 28/ Provide and lay logs					
of masonry of present					
do to as complete					
Qty vid mbs P.H. - (2)					
2 m ² @ 10882.96/cum ft					21766
20th 28/ Plastering with cement					
mortar (1:4) on brick					
work -					
Qty vid mbs P.H. - (2)					
60.48 m ² @ 186.46/m ² ft					11277
20th 28/ Provide brick masonry					
work in cement mortar					
(1:3) in parapet wall to					
Qty vid mbs P.H. - (2)					
8.64 m ³ @ 5886.85/m ³ ft					50862
20th 28/ Provide painting two-					
coat of new -					
Surface -					
Qty vid mbs P.H. - (11)					
46.72 m ² @ 116.86/m ² ft					5460
40 - Rs - 4440966 = 00					
					4440917

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
				4440917-50
B/F - R ₁				4440966-50
Add 18 x G ₁ - R ₁ +				799374-50
Add 1 x L ₁ - R ₁ +				44409-50
Add 2 x F - R ₁ +				609052-50
Total R ₁				5345655-50
Less 0.09 x below R ₁				48112-50
R ₁				5340844-50
M.L.D. 128/06/2023 JB				
			28.6.23	UP
			AE	
				20/8/23
material statement -				
U) E/W -	852.50 m ³			
② G ₁ B - 26.5 to 9.5 mm (matl) -	40.50 m ³			
9.5 to 2.36 mm (matl) -	28.92 m ³			
stone dust (2.36 mm bl) -	46.27 m ³			
③ W.B.M for II - 63 to 45 mm (matl) -	18.27 m ³			
④ W.B.M for III - 53 to 22.4 mm (matl) -	96.33 m ³			
⑤ Screening material -	23.19 m ³			
⑥ Mix Sel (stone chkn - 13.2 to 0.075 -	25.92 m ³			
⑦ S.P.B.C (9.5 to 4.75 mm) -	54.65 m ³			
4.75 mm below -	39.31 m ³			
⑧ Aggregate -	246.75 m ³			
⑨ Sand -	140.10 m ³			
⑩ Bricks -	4350 No			
⑪ SS-I -	253 Kg			
RS-I -	985 Kg			
S-90 (Bitumen) -	9393 Kg			

28.6.23
 AE

vide LHM-116-CE-4(149) 2054-01-05/2022
 part II - 32 (Encl) puting out - 28/06/2023
 Attachment Received No - 5372564/-
 Sch. XLV Form No. 134
 memo dt 1st 2. Final Bill - 5340785/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
J. Top @ 24.	106816/-				
C. GSI @ L.	53408/-				
S. GSI @ L.	53408/-				
L. GSI @ L.	53408/-				
S. D @ S.T.	2,67,040/-				
Royalty	1,14,943/-				
S.F	60,905/-				
in A/c	46,30,857/-				
Total Rs	53,40,785/-				
passed for Rs	53,40,785/-				
RUPUS (Fifty Three Lakh Forty Thousand Seven hundred Eighty Five) only					

Executive Engineer
 R.W.D. Works Division
 Shalhoora

10/07/23

TOIC No - PNB202307078948
 dt - 12/07/23