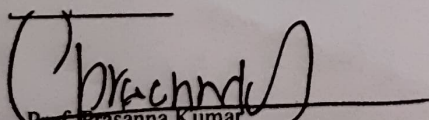
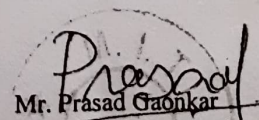


INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF ROAD FROM HEMMADI TO KATTU ROAD AT HEMMADI G.P, BYNDURU CONSTITUENCY, UDUPI DISTRICT
3	Scheme of the Work	UNDER THE SCHEME OF 5054-03-337-0-75-059 GRANT 2019-20
4	Estimate Cost	Rs. 35,00,000.00/-
5	Bill Amount	Rs. 32,02,025.00/-
6	Administrative Approval No:	KRIDL/WKS/TOURISM/TS/UDUPI-KARKALA(ANEKERE) 2021-22 Date-11/03/2022
7	Technical Sanction No	219/2020-21 Dtd:10/11/2020
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr PRASAD GAONKAR
10	Date of commencement of the work	13/02/2021
11	Date of Completion	18/05/2021
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	03/04/2021, 14/09/2022
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.50 True Slump - 62 mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)


Prof. Prasanna Kumar
(HOD, Civil Department)


Mr. Prasad Gaonkar
(Inspection Engineer)

Tech 219/2020-21 Dtd- 10-11-2020

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 35.00 ಲಕ್ಷ

Scheme:2019-20ನೇ ಸಾಲಿನ 5054 ಶೀರ್ಷಿಕೆ 5054-03-337-0-75-059

Sl. No.	Items of work	No	L	B	D/H	Qty	Unit	Rate/ Unit	Amount in Rs.
1	2	3	4	5	6	7	8	9	10

1 Earth work excavation in soil by mechanical

(PRED SR 2018-19, Page 34 , Item No.3.5.(ii))

$$1 \times 467.00 \times 4.50 \times 0.20 = \frac{420.30 \text{ cum}}{420.30 \text{ cum}}$$

1 Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5

(PRED SR 2018-19, Page 34 , Item No.3.5.(ii))

$$1 \times 244.00 \times 4.50 \times 0.60 = \frac{658.80 \text{ cum}}{658.80 \text{ cum}}$$

2 Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.Grading II Material

(PRED SR 2018-19, Page 41 , Item No.4.1(ii))

0 - 30	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
30 - 60	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
60 - 90	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
90 - 120	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
120 - 150	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
150 - 180	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
180 - 210	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
210 - 240	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
240 - 270	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
270 - 300	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
300 - 330	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
330 - 360	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49
360 - 390	1 x	30.00 (	3.75 +	3.75)	0.075	=	8.49

390 - 420	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
420 - 450	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
450 - 467	1	x	17.00	(	3.75	+	3.75	)	0.075	=	4.81
							2				

132.20 CUM

3 KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam

(PRED SR 2018-19, Page 48, Item No.4.9)

0 - 30	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
30 - 60	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
60 - 90	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
90 - 120	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
120 - 150	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
150 - 180	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
180 - 210	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
210 - 240	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
240 - 270	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
270 - 300	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
300 - 330	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
330 - 360	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
360 - 390	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
390 - 420	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
420 - 450	1	x	30.00	(	3.75	+	3.75	)	0.075	=	8.49
							2				
450 - 467	1	x	17.00	(	3.75	+	3.75	)	0.075	=	4.81
							2				

132.20 CUM

- 3 Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M30 ,

(PRED SR 2018-19, Page 122 , Item No.16.4)

0 - 30	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
30 - 60	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
60 - 90	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
90 - 120	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
120 - 150	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
150 - 180	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
180 - 210	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
210 - 240	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
240 - 270	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
270 - 300	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
300 - 330	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
330 - 360	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
360 - 390	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
390 - 420	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
420 - 450	1 x	30.00	(3.75 + 3.75)	0.15	=	16.88
450 - 467	1 x	17.00	(3.75 + 3.75)	0.15	=	9.56

262.69 CUM

- 4 KSRRB M300-Construction of Subgrade and Earthen Shoulders. KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller compaction by vibratory roller to 97% of proctors density) MORTH Specification No. 305

(PRED SR 2018-19, Page No.37 Item No.3.14)

$$2 \times 467.00 \times 0.55 \times 0.30 = 154.11$$

154.11 cum

- 5 Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRRB 1000, 2300 MOST Specification No.1000 / 2300 - - 600mm

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF RAJU MUGGERI SC COLONY ROAD AT PANBURU VILLAGE, PADUBELLE G.P., UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME OF SOCIAL WELFARE DEPARTMENT
4	Estimate Cost	Rs. 25,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	730/2022-23 Dated:28/03/2023
7	Bill Amount	Rs. 25,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr. PRASAD GAONKAR
10	Date of commencement of the work	05/04/2023
11	Date of Completion	15/05/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	30/04/2023, 25/05/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test, compressive strength of core samples. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.50 True Slump - 62 mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

HOD, Civil Department
Moodlakatte Institute of Technology
Moodlakatte, Kundapura -576 217
Udupi Dist., Karnataka

Inspection Engineer



ಕಾಮಗಾರಿಯ ಹೆಸರು: ಪಡುಬೆಳ್ಳೆ ಗ್ರಾ ಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಪಂಚೂರು ಗ್ರಾಮದ ರಾಜು ಮುಗ್ಗೇರಿ ಪ.ಜಾತಿಯ ಕಾಲೋನಿಯಲ್ಲಿ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ ಕಾಮಗಾರಿ.

Tech 730/2022-23 Date : 28-03-2023

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 25.00 ಲಕ್ಷ

Work start

05-04-23

Work finish

15-05-23

- 1 Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per (PWD SR 2021-22 Vol 1, Page 8, Item No.1.12)

$$1 \times 340.00 \times 5.50 \times 0.30 = \frac{561.00}{561.00 \text{ cum}}$$

- 2 Earth work in surface excavation for stripping, seating of bund, Road way by manual means for lowering & levelling the ground for all works other than foundation

(PWD SR 2021-22 Vol 1, Page 5, Item No.1.2)

$$1 \times 90.00 \times 5.00 \times 0.45 = \frac{202.50}{202.50 \text{ cum}}$$

- 3 KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam

(PWD SR 2021-22 Vol 3, Page 24, Item No.4.27)

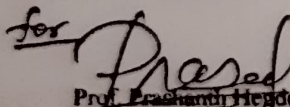
0 - 3	1 x	3.00 (	5.80 +	3.85)	0.15	=	2.17
			2				
0 - 30	1 x	30.00 (	3.85 +	3.71)	0.15	=	17.01
			2				
30 - 60	1 x	30.00 (	3.71 +	3.70)	0.15	=	16.67
			2				
60 - 90	1 x	30.00 (	3.70 +	3.70)	0.15	=	16.65
			2				
90 - 120	1 x	30.00 (	3.70 +	3.71)	0.15	=	16.67
			2				
120 - 150	1 x	30.00 (	3.71 +	3.71)	0.15	=	16.70
			2				
150 - 180	1 x	30.00 (	3.71 +	3.71)	0.15	=	16.70
			2				
180 - 210	1 x	30.00 (	3.71 +	3.70)	0.15	=	16.67
			2				
210 - 240	1 x	30.00 (	3.70 +	3.73)	0.15	=	16.72
			2				
240 - 270	1 x	30.00 (	3.73 +	3.70)	0.15	=	16.72
			2				
270 - 300	1 x	30.00 (	3.70 +	3.70)	0.15	=	16.65
			2				
300 - 330	1 x	30.00 (	3.70 +	3.70)	0.15	=	16.65
			2				
330 - 337	1 x	7.00 (	3.70 +	3.70)	0.15	=	3.89
			2				

189.86 CUM

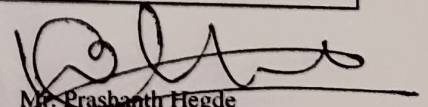
Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/006

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	REPAIRING WORK OF VAIDYARA BETTU ROAD AT BEEJADI G.P, KUNDAPURA TALUK,, UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME 5054 GRANT- 2022-23
4	Estimate Cost	Rs. 15,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	710/2022-23 Dated: 15/03/2023
7	Bill Amount	Rs. 15,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr. PRASHANTH HEGDE
10	Date of commencement of the work	12/03/2023
11	Date of Completion	03/05/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	16/04/2023, 15/05/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test, compressive strength of core samples. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.54 True Slump – 62mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura -576 217
Udupi Dist., Karnataka


Mr. Prashanth Hegde
(Inspection Engineer)



Tech 710/20222-23 Dtd: 15.03.2023. Rs. 15,00,000.00

Excavation for roadway in soil by mechanical means including cutting and pushing the earth to site of embankment upto a distance of 100 m, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross-sections.

Road1	1 x	248.60	x	4.00 x	0.20	=	198.88
							198.88 Cum

Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406.(By Mechanical Means with 1km lead)

0-30	1 x	30.00	$\frac{3.20 + 3.20}{2} x$	0.15	=	14.40
30-60	1 x	30.00	$\frac{3.20 + 3.25}{2} x$	0.15	=	14.51
60-90	1 x	30.00	$\frac{3.25 + 3.30}{2} x$	0.15	=	14.74
90-120	1 x	30.00	$\frac{3.30 + 3.25}{2} x$	0.15	=	14.74
120-150	1 x	30.00	$\frac{3.25 + 3.20}{2} x$	0.15	=	14.51
150-180	1 x	30.00	$\frac{3.20 + 3.25}{2} x$	0.15	=	14.51
180-210	1 x	30.00	$\frac{3.25 + 3.28}{2} x$	0.15	=	14.69
210-240	1 x	30.00	$\frac{3.28 + 3.22}{2} x$	0.15	=	14.63
240-248.60	1 x	8.60	$\frac{3.22 + 3.20}{2} x$	0.15	=	4.14
						120.87 Cum

Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383,

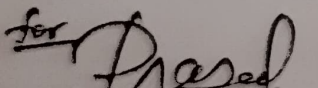
0-30	1 x	30.00	$\frac{3.00 + 3.00}{2} x$	0.15	=	13.50
30-60	1 x	30.00	$\frac{3.00 + 3.05}{2} x$	0.15	=	13.61

Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/007

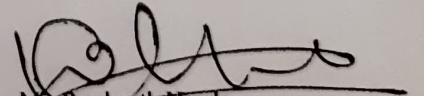
Date: 16/09/2023

INSPECTION/WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	REPAIRING WORK OF PANHATVARBETTU ROAD AT BEEJADI G.P. KUNDAPURA TALUK., UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME 5054 GRANT- 2022-23
4	Estimate Cost	Rs. 8,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	700/2022-23 Dated: 15/03/2023
7	Bill Amount	Rs. 8,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr. PRASHANTH HEGDE
10	Date of commencement of the work	07/04/2023
11	Date of Completion	04/05/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	17/04/2023, 15/05/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab) carried out by consultants	Inspected the progress of the work, and carried out Material test, compressive strength of core samples. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.48 True Slump - 62 mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura - 576 217
Udupi Dist., Karnataka


Mr. Prashanth Hegde
(Inspecting Engineer)



Tech 700/20222-23 Dtd: 15.03.2023. Rs. 8,00,000.00

- Excavation for roadway in soil by mechanical means including cutting and pushing the earth to
1 site of embankment upto a distance of 100 m, including trimming bottom and side slopes in accordance with requirements of lines, grades and cross-sections.

Road1	1 x	111.80	x	4.00 x	0.20	=	89.44
							89.44 Cum

- Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-
2 base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406.(By Mechanical Means with 1km lead)

0-14	1 x	14.00	$\frac{4.08 + 4.50}{2}$ x	0.15	=	9.01
0-15	1 x	15.00	$\frac{4.20 + 3.20}{2}$ x	0.15	=	8.33
15-30	1 x	15.00	$\frac{3.20 + 3.20}{2}$ x	0.15	=	7.20
30-45	1 x	15.00	$\frac{3.20 + 3.20}{2}$ x	0.15	=	7.20
45-52.8	1 x	7.80	$\frac{3.20 + 3.70}{2}$ x	0.15	=	4.04
0-15	1 x	15.00	$\frac{3.70 + 3.20}{2}$ x	0.15	=	7.76
15-30	1 x	15.00	$\frac{3.20 + 3.25}{2}$ x	0.15	=	7.26
30-45	1 x	15.00	$\frac{3.25 + 3.25}{2}$ x	0.15	=	7.31
						58.10 Cum

- Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a
3 prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383,

0-14	1 x	14.00	$\frac{3.88 + 4.30}{2}$ x	0.15	=	8.59
0-15	1 x	15.00	$\frac{4.00 + 3.00}{2}$ x	0.15	=	7.88
15-30	1 x	15.00	$\frac{3.00 + 3.00}{2}$ x	0.15	=	6.75
30-45	1 x	15.00	$\frac{3.00 + 3.00}{2}$ x	0.15	=	6.75

Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/009

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF ROAD FROM CHAPPARKA TO KUDRUBETTU ROAD AT BELLALA G.P, UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME 5054 GRANT- 2022-23
4	Estimate Cost	Rs. 50,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	RR C: 2022 (823949) Dated:07/02/2023
7	Bill Amount	Rs. 50,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr. PRASHANTH HEGDE
10	Date of commencement of the work	06/03/2023
11	Date of Completion	05/04/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	13/04/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test Bitumen Test And extraction test of bitumen , Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed.
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for
Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura -576 217
Udupi Dist., Karnataka

Mr. Prashanth Hegde
(Inspection Engineer)



ಕಾಮಗಾರಿಯ ಹೆಸರು	ಬೆಳ್ಳು ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಚಿಪ್ಪು ದಿಂದ ಕುದುಬೇರುಕಟ್ಟೆ ಹೋಗುವ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ.
----------------	---

ಆರ್.ಆರ್.ಸಿ: 2022 (823949), ಬೆಂಗಳೂರು, ದಿ: 07.02.2023	ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 50.00 ಲಕ್ಷ
---	------------------------------

Sl. No.	Items of work	No	L	B	D/H	Qty	Unit	Rate/ Unit	Amount in Rs.
1	2	3	4	5	6	7	8	9	10

1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density.Using Screening Type A (13.2mm agg) (PWD SR 2021-22 Vol 3 , Page 23 , Item No.4.23) $1 \times 1325.00 \times 3.50 \times 0.15 = 695.63$ Consider 20% of Quantity For Pot Hole Filling $= 139.13$ <u>139.13</u> Cum 2759.68 Rs.								
---	---	--	--	--	--	--	--	--	--

2	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (PWD SR 2021-22 Vol 3 , Page 29 , Item No.5.1) $1 \times 1325.00 \times 3.50 = 4637.50$ <u>4637.50</u> Sqm 47.04 Rs.								
---	--	--	--	--	--	--	--	--	--

3	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the Granular surface (PWD SR 2021-22 Vol 3 , Page 29 , Item No.5.4) $1 \times 1325.00 \times 3.50 = 4637.50$ <u>4637.50</u> Sqm 15.68 Rs.								
---	---	--	--	--	--	--	--	--	--

4	Providing and laying Bituminous Macadam with 120 TPH capacity hot mix plant batch type using crushed aggregates of specified grading premixed with bituminous binder VG30 @ 3.4% by weight of mix, transported to site, laid over a previously prepared surface with mechanical paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction (PWD SR 2021-22 Vol 3 , Page 30 , Item No.5.8(A)) $1 \times 1325.00 \times 3.50 \times 0.05 = 231.88$ <u>231.88</u> Cum 8403.36 Rs.								
---	---	--	--	--	--	--	--	--	--

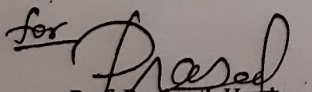
5	Providing and applying tack coat with VG-10 Bitumen using pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom (PWD SR 2021-22 Vol 3 , Page 145 , Item No.21-A(3)) $1 \times 1325.00 \times 3.50 = 4637.50$ <u>4637.50</u> Sqm 14.56 Rs.								
---	--	--	--	--	--	--	--	--	--

Ref.No.: MITK/CV/CW/2023-24/KRIDL/04/011

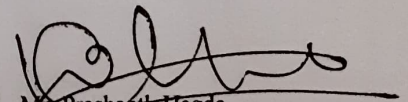
Date: 25/04/2023

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF ROAD FROM KENJIMANE CROSS TO MARDI MAIN ROA AT AJRI G.P, KUNDAPURA TALUK,, UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME 5054 GRANT
4	Estimate Cost	Rs. 20,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	730/2022-23 Dated: 21/03/2023
7	Bill Amount	Rs. 20,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr PRASHANTH HEGDE
10	Date of commencement of the work	25/03/2023
11	Date of Completion	03/04/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	28/03/2023, 05/04/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab) carried out by consultants	Inspected the progress of the work, and carried out Bitumen Test . Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed.
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura - 576 217
Udupi Dist., Karnataka


Mr. Prashanth Hegde
(Inspecting Engineer)



ಕಾಮಗಾರಿಯ ಹೆಸರು		ಆಶ್ರಿ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಕೆಂಚಿಮನ ಕ್ರಾಸ್ ನಿಂದ ಮಾರ್ಡಿ ಮುಖ್ಯ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ.							
Tech no 730/2022-23 21.03.2023						ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 20.00 ಲಕ್ಷ			
Sl. No.	Items of work	No	L	B	D/H	Qty	Unit	Rate/Unit	Amount in Rs.
1	2	3	4	5	6	7	8	9	10
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller in stages to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the Interstices of coarse aggregate, watering and compacting to the required density.Using Screening Type A (13.2mm agg)								
	(PWD SR 2021-22 Vol 3 , Page 23 , Item No.4.23)								
	0-30	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	30-60	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	60-90	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	90-120	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	120-150	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	150-180	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	180-210	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	210-240	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	240-270	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	270-300	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	300-330	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	330-360	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	360-390	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	390-420	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	420-450	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	450-480	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	480-510	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	510-540	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	540-570	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	570-600	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	600-630	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	630-660	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	660-690	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	690-720	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	
	720-750	1 x	30.00	$\frac{3.50 + 3.50}{2}$	x	0.15	=	15.75	

750-780	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
780-810	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
810-840	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
840-870	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
870-900	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
900-930	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
930-960	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
960-990	1 x	30.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	15.75
990-1011	1 x	21.00	$\frac{3.50 + 3.50}{2} \times$	0.15	=	11.03
bell mouth	1 x	19.00	$\frac{6.30 + 12.50}{2} \times$	0.15	=	26.79

557.57 Cum

2 Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m² using mechanical means.

(PWD SR 2021-22 Vol 3, Page 29, Item No.5.1)

0-30	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
30-60	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
60-90	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
90-120	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
120-150	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
150-180	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
180-210	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
210-240	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
240-270	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
270-300	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
300-330	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
330-360	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
360-390	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
390-420	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
420-450	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
450-480	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
480-510	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
510-540	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00

540-570	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
570-600	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
600-630	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
630-660	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
660-690	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
690-720	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
720-750	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
750-780	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
780-810	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
810-840	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
840-870	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
870-900	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
900-930	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
930-960	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
960-990	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
990-1011	1 x	21.00	$\frac{3.50 + 3.50}{2}$	=	73.50
bell mouth	1 x	19.00	$\frac{6.30 + 12.50}{2}$	=	178.60

3717.10 sqm

3 Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m² on the Granular surface

(PWD SR 2021-22 Vol 3, Page 29, Item No.5.4)

0-30	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
30-60	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
60-90	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
90-120	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
120-150	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
150-180	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
180-210	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
210-240	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
240-270	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
270-300	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
300-330	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
330-360	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00

				4		
360-390	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
390-420	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
420-450	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
450-480	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
480-510	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
510-540	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
540-570	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
570-600	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
600-630	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
630-660	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
660-690	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
690-720	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
720-750	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
750-780	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
780-810	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
810-840	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
840-870	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
870-900	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
900-930	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
930-960	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
960-990	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
990-1011	1 x	21.00	$\frac{3.50 + 3.50}{2}$		=	73.50
bell mouth	1 x	19.00	$\frac{6.30 + 12.50}{2}$		=	178.60

3717.10 sqm

- 4 Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using viscosity grade bitumen VG-30 to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable Hot mix plant of capacity not less than 40/60 TPH laying and rolling with a smooth wheeled roller, finished to required level and grades.

(PWD SR 2021-22 Vol 3, Page 37, Item No.5.19)

0-30	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
30-60	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
60-90	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
90-120	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00
120-150	1 x	30.00	$\frac{3.50 + 3.50}{2}$		=	105.00

150-180	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
180-210	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
210-240	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
240-270	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
270-300	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
300-330	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
330-360	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
360-390	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
390-420	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
420-450	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
450-480	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
480-510	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
510-540	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
540-570	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
570-600	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
600-630	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
630-660	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
660-690	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
690-720	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
720-750	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
750-780	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
780-810	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
810-840	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
840-870	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
870-900	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
900-930	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
930-960	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
960-990	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
990-1011	1 x	21.00	$\frac{3.50 + 3.50}{2}$	=	73.50
bell mouth	1 x	19.00	$\frac{6.30 + 12.50}{2}$	=	178.60

3717.10 sqm

5

Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats with bituminous binder VG-30 Case - I : Type A Premix Sand Seal coat

(PWD SR 2021-22 Vol 3, Page 37, Item No.5.21)

0-30	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
30-60	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
60-90	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
90-120	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
120-150	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
150-180	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
180-210	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
210-240	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
240-270	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
270-300	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
300-330	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
330-360	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
360-390	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
390-420	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
420-450	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
450-480	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
480-510	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
510-540	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
540-570	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
570-600	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
600-630	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
630-660	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
660-690	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00

690-720	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
720-750	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
750-780	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
780-810	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
810-840	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
840-870	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
870-900	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
900-930	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
930-960	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
960-990	1 x	30.00	$\frac{3.50 + 3.50}{2}$	=	105.00
990-1011	1 x	21.00	$\frac{3.50 + 3.50}{2}$	=	73.50
bed mouth	1 x	19.00	$\frac{6.30 + 12.50}{2}$	=	178.60

3717.10 sqm

- 6 Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of table No. 300-2

(PWD SR 2021-22 Vol 8, Page 15, Item No.3.6)

Shoulders $2 \times 1032.50 \times 0.75 \times 0.300 = 464.63$
(Avg) (Avg)
464.63 Cum

- 7 Providing Name Boards

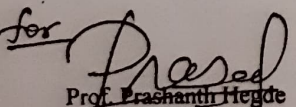
- 8 Add 0.5% Third Party Inspection Charges

Ref.No.: MITK/CV/CW/2023-24/KRIDL/04/009

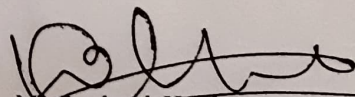
Date: 20/04/2023

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	CONSTRUCTION WORK OF PLAY GROUND AT KEMMANNU JUNIOR COLLEGE, PADUTHONSE VILLAGE, 31 ST THONSE (KEMMANNU) G.P, UDUPI TALUK & DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME CHIEF MINISTER GARAMA VIKASA YOJANE
4	Estimate Cost	Rs. 12,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	593/2018-19 Dated: 08/03/2019
7	Bill Amount	Rs. 12,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr PRASHANTH HEGDE
10	Date of commencement of the work	06/11/2022
11	Date of Completion	23/02/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	18/12/2022, 19/04/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab) carried out by consultants	Inspected the progress of the work is satisfactory as per norms and IS Specifications.
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct.
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions, Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura - 576 217
Udupi Dist., Karnataka


Mr. Prashanth Hegde
(Inspecting Engineer)



ಕಾಮಗಾರಿಯ ಹೆಸರು :

ಉದುಪಿ ತಾಲೂಕು 31ನೇ ತೋನ್ (ಕೆಮ್ಮಣ್ಣು) ಗ್ರಾಮ ಪಂಚಾಯತ್
ವ್ಯಾಪ್ತಿಯ ಪದುತೋನ್ ಗ್ರಾಮ ಕೆಮ್ಮಣ್ಣು ಜೂನಿಯರ್ ಕಾಲೇಜು ಆಟದ
ಮೈದಾನ ನಿರ್ಮಿಸುವ ಕಾಮಗಾರಿ

ಅಂದಾಜು ಮೊತ್ತ: 12.00 ಲಕ್ಷ

Tech 593/2018-19, Date : 08-03-2019

ಮುಖ್ಯಮಂತ್ರಿ ಗ್ರಾಮ ವಿಕಾಸ ಯೋಜನೆ

Sl. No.	PARTICULARS	NO's	L	B	D	QTY.	UNIT	RATE
1	KSRRB 200-8 Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH Chapter 2 (Page No.136, Sl.No.18.11)							
	Basic Rate						Rs.	6.00
	(+) 12% Area Weightage						Rs.	0.72
							Rs.	6.72
		1	90.00	120.00		10800.00		
						10800.00	Sqmt	6.72
2	Earthwork for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical (Page No. 7, Sl.No. 2.24)							
	Basic Rate						Rs.	68.00
	(+) 12% Area Weightage						Rs.	8.16
							Rs.	76.16
		1	90.00	30.00	0.075	202.50		
		1	90.00	30.00	0.125	337.50		
		1	90.00	60.00	0.150	810.00		
						1350.00	cum	76.16
3	KSRRB 300-4: Earthwork excavation and forming in embankment by manual means in hard soil (When earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required line and level, forming, and cost of all labour complete as per specifications. (excluding watering and compaction of earth) MORTH Chapter 3 (Page No. 142, Sl.No.19.4)							
	Basic Rate						Rs.	157.00
	(+) 12% Area Weightage						Rs.	18.84
							Rs.	175.84
		1	90.00	45.00	0.35	1417.50	cum	175.84
4	KSRRB M100-1 Loading and Unloading of Stone Boulder/ Stone aggregates/Sand/ Kanker/Moorum. KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/Chapter 1 (Page No. 134, Sl. No. 17.1)							
	Basic Rate						Rs.	68.00

[illegible]

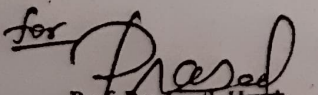
12	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilaste, buttresses, plinth and string cou'es cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 15, Sl. No.4.31)									
	Basic Rate							Rs.	293.00	
									293.00	
	(+) 12% Area Weightage							Rs.	35.16	
								Rs.	328.16	
	inner drain wall	4	40.00		0.30	48.00				
						48.00	Sqmt		328.16	
13	KSRB 4-9.2: Providing T.M.T Steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping, and /or welding wherever required, tying with binding wire and anchoring to the adjoining membe' wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labou', HOM of machinery complete as per specifications. Specification. No. KBS 4.6.3 (Page No.17, Sl. No.4.46)									
	Basic Rate							Rs.	56050.00	
									56050.00	
	(+) 12% Area Weightage							Rs.	6726.00	
								Rs.	62776.00	
	wall	1.80	Cumt	x	50	90.00				
	slab	1.35	Cumt	x	60	81.00				
						171.00	KGS			
						0.171	tnn		62776.00	
14	KSRB 5-2-3 : Providing and constructing granite/ trap/ basalt size stone masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each cou'e including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No. 23, Sl. No. 5.6)									
	Basic Rate							Rs.	4187.00	
									4187.00	
	(+) 12% Area Weightage							Rs.	502.44	
								Rs.	4689.44	
	mud protection wall	1	90.00	0.45	0.30	12.15				
						12.15	cumt		4689.44	
15	KSRB 5.3-3 : Providing and constructing granite/ trap/ basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each cou'e including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No. 23, Sl. No. 5.9)									
	Basic Rate							Rs.	5005.00	
									5005.00	
	(+) 12% Area Weightage							Rs.	600.60	
								Rs.	5605.60	
	mud protection wall	1	90.00	0.45	0.45	18.23				
						18.23	cumt		5605.60	

16	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum, with superlastiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layer not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2						
(Page No. 12, Sl. No. 4.6)							
Basic Rate							Rs. 5441.00
							5441.00
(+) 12% Area Weightage							Rs. 652.92
							Rs. 6093.92
mud protection wall							
	1	90.00	0.45	0.08	3.04		
						3.04 cumt	6093.92

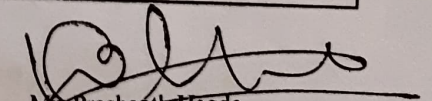
Ref.No.: MITK/CV/CW/2023-24/KRIDL/04/007

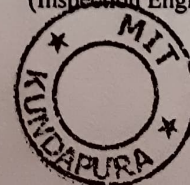
INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF SC COLONY DEVASA HEBBAR ROAD AT MANURU, KOTA G.P, BRAHMAVARA TALUK, UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME SCP/TSP GRANT- 2022-23
4	Estimate Cost	Rs. 27,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	357/2022-23 Dated:23/09/2022
7	Bill Amount	Rs. 27,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr. PRASHANTH HEGDE
10	Date of commencement of the work	12/01/2023
11	Date of Completion	28/03/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	17/02/2023, 10/04/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test, compressive strength of core samples. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.54 True Slump – 64mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura -576 217
Udupi Dist., Karnataka


Mr. Prashanth Hegde
(Inspecting Engineer)



ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 27.00 ಲಕ್ಷ

Scheme: KUNDAPURA SCP/TSP WORK

TS NO-357/2022-23, D-23.09.2022

Sl. No.	Items of work	No	L	B	D/H	Qty	Unit	Rate/ Unit	Amount In Rs.
1	2	3	4	5	6	7	8	9	10

1 Scarifying the existing bitumen road surface

$$2 \times 405.70 \times 5.00 \times = 0.00$$

$$= 0.00 \text{ Sqm}$$

2 Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm

(PWD SR 2021-22 Vol 1, Page 8, Item No.1.12)

$$\text{EWE} \quad 2 \times 405.70 \times 5.00 \times 0.30 = 1217.10$$

$$\text{ED} \quad 2 \times 405.70 \times 0.60 \times 0.60 = 292.10$$

$$= 1509.20 \text{ cum}$$

3 KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam

(PWD SR 2021-22 Vol 3, Page 24, Item No.4.27)

ROAD 1

0 - 23	1 x	23.00	(3.15 + 3.20)	0.15	=	10.95
0 - 30	1 x	30.00	(3.20 + 3.20)	0.15	=	14.40
30 - 60	1 x	30.00	(3.20 + 3.25)	0.15	=	14.51
60 - 90	1 x	30.00	(3.25 + 3.65)	0.15	=	15.53
90 - 120	1 x	30.00	(3.65 + 4.10)	0.15	=	17.44
120 - 150	1 x	30.00	(4.10 + 3.35)	0.15	=	16.76
150 - 180	1 x	30.00	(3.35 + 3.20)	0.15	=	14.74
180 - 210	1 x	30.00	(3.20 + 3.55)	0.15	=	15.19
0 - 30	1 x	30.00	(3.35 + 3.45)	0.15	=	15.30
30 - 60	1 x	30.00	(3.20 + 3.45)	0.15	=	14.96
60 - 90	1 x	30.00	(3.45 + 3.65)	0.15	=	15.98
90 - 120	1 x	30.00	(3.45 + 3.25)	0.15	=	15.08
120 - 132.4	1 x	12.40	(3.45 + 3.20)	0.15	=	6.18
0 - 12	1 x	12.00	(6.95 + 3.20)	0.15	=	9.14
0 - 28.3	1 x	28.30	(4.35 + 3.30)	0.15	=	16.24

- 4 Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design (PWD SR 2021-22 Vol 3, Page 138, Item No. 20.29)

ROAD 1

0 - 23	1 x	23.00	(2.95 + 3.00)	0.15	=	10.26
			2			
0 - 30	1 x	30.00	(3.00 + 3.00)	0.15	=	13.50
			2			
30 - 60	1 x	30.00	(3.00 + 3.05)	0.15	=	13.61
			2			
60 - 90	1 x	30.00	(3.05 + 3.45)	0.15	=	14.63
			2			
90 - 120	1 x	30.00	(3.45 + 3.90)	0.15	=	16.54
			2			
120 - 150	1 x	30.00	(3.90 + 3.15)	0.15	=	15.86
			2			
150 - 180	1 x	30.00	(3.15 + 3.00)	0.15	=	13.84
			2			
180 - 210	1 x	30.00	(3.00 + 3.35)	0.15	=	14.29
			2			
0 - 30	1 x	30.00	(3.35 + 3.20)	0.15	=	14.74
			2			
30 - 60	1 x	30.00	(3.00 + 3.25)	0.15	=	14.06
			2			
60 - 90	1 x	30.00	(3.25 + 3.45)	0.15	=	15.08
			2			
90 - 120	1 x	30.00	(3.25 + 3.05)	0.15	=	14.18
			2			
120 - 122.4	1 x	12.40	(3.05 + 3.00)	0.15	=	5.63
			2			
0 - 22	1 x	12.00	(6.75 + 3.00)	0.15	=	8.78
			2			
0 - 26.3	1 x	26.30	(4.15 + 3.10)	0.15	=	15.39
			2			

200.37 CUM

- 5 Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of table No. 300-2

(PWD SR 2021-22 Vol 3, Page 15, Item No. 3.6)

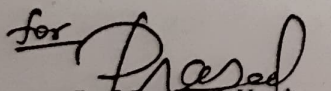
$$2 \times 405.70 \times 0.75 \times 0.30 = \underline{\underline{182.57 \text{ cum}}}$$

6 Providing NP3 pipe

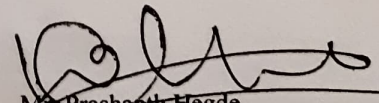
450mm dia	3 x	2.50	=	7.50 Rmt
300mm dia	2 x	2.50	=	5.00 Rmt

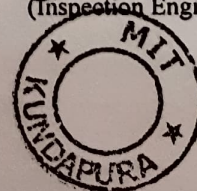
INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	CONCRETING WORK OF DUGGANA BETTU (RESIDENTIAL AREA) SC COLONY ROAD AT TALLURU G.P, KUNDAPURA TALUK,, UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME SCHEDULED CASTE AND SCHEDULED TRIBE (SCHEDULED CASTE) GRANT
4	Estimate Cost	Rs. 30,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	218/2021-22 Dated:29/07/2021
7	Bill Amount	Rs. 30,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr PRASHANTH HEGDE
10	Date of commencement of the work	18/08/2022
11	Date of Completion	21/01/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	18/12/2022, 04/03/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test, compressive strength of core samples. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.53 True Slump - 66mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura -576 217
Udupi Dist., Karnataka


Mr. Prashanth Hegde
(Inspection Engineer)



ಕಾಮಗಾರಿಯ ಹೆಸರು:

ತಲ್ಲೂರು ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ದುಗ್ಗನಬೆಟ್ಟದ ಪ.ಜಾತಿ ಕಾಲೋನಿ ಎಂಬ ಜನವಸತಿ ಪ್ರದೇಶವಿದ್ದು ರಸ್ತೆಗೆ ಕಾಂಕ್ರೀಟೀಕರಣ ಅಭಿವೃದ್ಧಿ

Tech 218/2021-22 Dtd: 29.07.2021. ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 30.00 ಲಕ್ಷ

Scheme : ಅನುಸೂಚಿತ ಜಾತಿ ಮತ್ತು ಬುಡಕಟ್ಟು ಉಪಯೋಜನೆ (ಪರಿಶಿಷ್ಟ ಜಾತಿ)

Sl. No.	Items of work	No	L	B	D/H	Qty	Unit	Rate/ Unit	Amount in Rs.
1	2	3	4	5	6	7	8	9	10

1 KSRRB 300-58. Construction of embankment with approved material Gravel/Murum with all lifts (PWD SR 2021-22 Vol 1, Page 7, Item No.1.8)

$$(Qty \text{ as per calculation sheet enclosed}) = \frac{2184.00}{2184.00 \text{ cum}}$$

2 KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting (PWD SR 2021-22 Vol 3, Page 24, Item No.4.27)

0 - 25	1 x	25.00	(3.65 + 3.65)	0.150	=	13.69
25 - 37	1 x	12.00	(3.65 + 4.40)	0.150	=	7.25
37 - 41	1 x	4.00	(4.40 + 4.20)	0.150	=	2.58
41 - 55	1 x	14.00	(4.20 + 3.60)	0.150	=	8.19
55 - 85	1 x	30.00	(3.60 + 3.20)	0.150	=	15.30
85 - 115	1 x	30.00	(3.20 + 3.20)	0.150	=	14.40
115 - 128	1 x	13.00	(4.20 + 6.20)	0.150	=	10.14
128 - 138	1 x	10.00	(6.20 + 8.30)	0.150	=	10.88
138 - 157	1 x	19.00	(3.50 + 3.50)	0.150	=	9.98
157 - 187	1 x	30.00	(3.50 + 3.50)	0.150	=	15.75
187 - 199	1 x	12.00	(3.50 + 4.00)	0.150	=	6.75
199 - 211	1 x	12.00	(4.00 + 3.90)	0.150	=	7.11
211 - 235	1 x	24.00	(3.90 + 3.70)	0.150	=	13.68

135.68 CUM

3 Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M30,

(PWD SR 2021-22 Vol 3, Page 138, Item No.20.29)

0 - 25	1 x	25.00	(3.45 + 3.45)	0.150	=	12.94
--------	-----	-------	-----------------	-------	---	-------

25 - 37	1 x	12.00	(3.45 + 4.20)	0.150	=	6.89
37 - 41	1 x	4.00	(4.20 + 4.00)	0.150	=	2.46
41 - 55	1 x	14.00	(4.00 + 3.40)	0.150	=	7.77
55 - 85	1 x	30.00	(3.40 + 3.00)	0.150	=	14.40
85 - 115	1 x	30.00	(3.00 + 3.00)	0.150	=	13.50
115 - 128	1 x	13.00	(4.00 + 6.00)	0.150	=	9.75
128 - 138	1 x	10.00	(6.00 + 8.10)	0.150	=	10.58
138 - 157	1 x	19.00	(3.30 + 3.30)	0.150	=	9.41
157 - 167	1 x	30.00	(3.30 + 3.30)	0.150	=	14.85
167 - 199	1 x	12.00	(3.30 + 3.80)	0.150	=	6.39
199 - 211	1 x	12.00	(3.80 + 3.70)	0.150	=	6.75
211 - 235	1 x	24.00	(3.70 + 3.50)	0.150	=	12.96
						<u>128.63 CUM</u>

- 4 KSRRE M300-Construction of Subgrade and Earthen Shoulders. KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory rollercompaction by vibratory roller to 97% of proctors density) MORTH Specification No. 305

(PWD SR 2021-22 Vol 3 , Page 15 , Item No.3.6)

$$2 \times 235.00 \times 0.60 \times 0.30 = \underline{\underline{84.60 \text{ cum}}}$$

- 4 Providing and laying reinforced cement concrete pipe NP3 for culverts 1000mm dia

(PWD SR 2021-22 Vol 3 , Page 15 , Item No.3.6)

$$3 \times 2.50 = \underline{\underline{7.50 \text{ Rmt}}}$$

- 4 Providing and laying reinforced cement concrete pipe NP3 for culverts 300mm dia

(PWD SR 2021-22 Vol 3 , Page 15 , Item No.3.6)

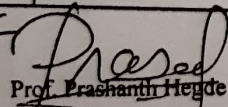
$$6 \times 2.50 = 15.00$$

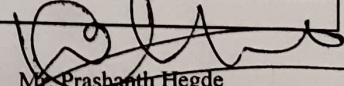
Ref.No.: MITK/CV/CW/2022-23/KRIDL/03/005

Date:11/03/2023

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	CONCRETING AND DEVELOPMENT WORK OF (SIDE RIVITMENT) SC COLONY ROAD AT SHIVAJIBETTU, TALLURU G.P, KUNDAPURA TALUK,, UDUPI DISTRICT.
3	Scheme of the Work	UNDER THE SCHEME SCHEDULED CASTE AND SCHEDULED TRIBE (SCHEDULED CASTE) GRANT
4	Estimate Cost	Rs. 37,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	217/2021-22 Dated:29/07/2021
7	Bill Amount	Rs. 37,00,000.00/-
8	Name of the Department Engineer present at site	
9	Name of the inspecting consultants Engineer	Mr PRASHANTH HEGDE
10	Date of commencement of the work	18/08/2022
11	Date of Completion	21/01/2023
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	18/12/2022, 04/03/2023
13	Status of the Work	COMPLETED
14	Details of Quality tests (at work site and at lab)carried out by consultants	Inspected the progress of the work, and carried out Material test, compressive strength of core samples. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
15	Photographs of the works along with date of inspection on the photo	Attached
16	Consultant clear opinion regarding acceptance of the quality of work.	We have inspected the site and observed that work is completed according to the norms and specification Measurement were checked at random place & found to be correct. Shouldering is completed. Board has been installed water cement ratio used was 0.52 True Slump – 68mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	No Suggestions , Work is done satisfactorily
18	Opinion of the Third party agency regarding measurement	Measurement is taken along with Department Engineers and found to be correct. (Bill copy along with measurement sheets attached)

for 
Prof. Prashanth Hegde
(HOD, Civil Department)


Mr. Prashanth Hegde
(Inspection Engineer)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
Moodlakatte, Kundapura -576 217
Udupi Dist., Karnataka



ಕಾಮಗಾರಿಯ ಹೆಸರು: ತಲ್ಲೂರು ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಶಿವಾಜಿಬೆಟ್ಟು ಪ.ಜಾತಿ ಕಾಲೋನಿ ರಸ್ತೆಗೆ
ಕಾಂಕ್ರೀಟೀಕರಣ ಮತ್ತು ಸೈಡ್ ರಿವಿಟ್ಟಿಂಗ್ ಅಭಿವೃದ್ಧಿ

Tech 217/2021-22 Dtd: 29.07.2021 ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 37.00 ಲಕ್ಷ

Scheme : ಅನುರೂಪತೆ ಜಾತಿ ಮತ್ತು ಮುದುಕಿಟ್ಟು ಕಾಮಗಾರಿಗಳು (ಪರಿಶಿಷ್ಟ ಜಾತಿ)

Sl. No.	Items of work	No	L	B	D/H	Qty	Unit	Rate/ Unit	Amount in Rs.
1	2	3	4	5	6	7	8	9	10
1	Earth work excavation in soil by mechanical								
	(PWD SR 2021-22 Vol 1, Page 8, Item No.1.12)								
		1 x	110.00	x	5.00	x	0.30		165.00 cum

2	Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures								
	(PWD SR 2021-22 Vol 1, Page 7, Item No.1.8)								
		1 x	120.00	x	5.00	x	0.45		270.00
	70% of Available Earth From Road Way Cutting								115.50
									= 115.50 cum

3	KSRRB 300-S8. Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting								
	(PWD SR 2021-22 Vol 1, Page 7, Item No.1.8)								
	(Qty as per calculation sheet enclosed)								154.50
									= 154.50 cum

4	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam								
	(PWD SR 2021-22 Vol 3, Page 24, Item No.4.27)								

ROAD 1

0 - 5	1 x	5.00	(	8.20	+	5.20	)	0.15	=	5.03
				2						
5 - 17	1 x	12.00	(	4.10	+	3.90	)	0.15	=	7.20
				2						
17 - 47	1 x	30.00	(	3.90	+	3.90	)	0.15	=	17.55
				2						
47 - 77	1 x	30.00	(	3.90	+	3.85	)	0.15	=	17.44
				2						
77 - 107	1 x	30.00	(	3.85	+	3.90	)	0.15	=	17.44
				2						
107 - 122	1 x	15.00	(	3.90	+	3.90	)	0.15	=	8.78
				2						
122 - 135	1 x	13.00	(	3.90	+	4.50	)	0.15	=	8.19
				2						
135 - 146	1 x	11.00	(	4.50	+	6.20	)	0.15	=	8.83
				2						
146 - 154	1 x	8.00	(	6.20	+	8.00	)	0.15	=	8.52
				2						
154 - 173	1 x	19.00	(	5.50	+	4.00	)	0.15	=	13.54
				2						
173 - 203	1 x	30.00	(	4.00	+	3.90	)	0.15	=	17.78
				2						
203 - 216	1 x	13.00	(	3.90	+	5.05	)	0.15	=	8.73
				2						
216 - 228	1 x	12.00	(	3.90	+	3.90	)	0.15	=	7.02
				2						

ROAD 2

0 - 3	1 x	3.00	(	3.20	+	3.20	)	0.15	=	1.44
				2						

147.46 CUM

- 5 Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M30,

(PWD SR 2021-22 Vol 3, Page 138, Item No.20.29)

ROAD 1

0 - 5	1 x	5.00	(8.00 +	5.00)	0.15	=	4.88
			2				
5 - 17	1 x	12.00	(3.90 +	3.70)	0.15	=	6.84
			2				
17 - 47	1 x	30.00	(3.70 +	3.70)	0.15	=	16.65
			2				
47 - 77	1 x	30.00	(3.70 +	3.65)	0.15	=	16.54
			2				
77 - 107	1 x	30.00	(3.65 +	3.70)	0.15	=	16.54
			2				
107 - 122	1 x	15.00	(3.70 +	3.70)	0.15	=	8.33
			2				
122 - 135	1 x	13.00	(3.70 +	4.30)	0.15	=	7.80
			2				
135 - 146	1 x	11.00	(4.30 +	6.00)	0.15	=	8.50
			2				
146 - 154	1 x	8.00	(6.00 +	7.80)	0.15	=	8.28
			2				
154 - 173	1 x	19.00	(5.30 +	3.80)	0.15	=	12.97
			2				
173 - 203	1 x	30.00	(3.80 +	3.70)	0.15	=	16.88
			2				
203 - 216	1 x	13.00	(3.70 +	4.85)	0.15	=	8.34
			2				
216 - 228	1 x	12.00	(3.70 +	3.70)	0.15	=	6.66
			2				

ROAD 2

0 - 3	1 x	3.00	(3.00 +	3.00)	0.15	=	1.35
			2				

140.53 CUM

- 6 KSRRB M300-Construction of Subgrade and Earthen Shoulders. KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller compaction by vibratory roller to 97% of proctors density) MORTH Specification No. 305

(PWD SR 2021-22 Vol 3, Page 15, Item No.3.6)

$$2 \times 231.00 \times 0.60 \times 0.30 = \frac{83.16}{83.16 \text{ cum}}$$

- 5 Providing and laying reinforced cement concrete pipe NP3 for culverts 450mm dia

(PWD SR 2021-22 Vol 3, Page 15, Item No.3.6)

$$5 \times 2.50 = \frac{12.50}{12.50 \text{ Rmt}}$$

- 6 Providing and laying reinforced cement concrete pipe NP3 for culverts 300mm dia

(PWD SR 2021-22 Vol 3, Page 15, Item No.3.6)

$$3 \times 2.50 = \frac{7.50}{7.50 \text{ Rmt}}$$