Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to V.T.U., Belagavi)

Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

A WIDE HORIZON OF OPPORTUNITIES

No.: MITK/CV/CW/2022-23/KRIDL/09/009 **Date: 20/09/2022**

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 1st, 2nd, 3rd 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)

Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

ಕಾಮಗಾರಿಯ ಹೆಸರು: ಬೈಂದೂರು ವಿಧಾನಸಭಾ ಕ್ಷೇತ್ರದ ಹೆಮ್ಮಾಡಿ ಗ್ರಾಮ ಪಂಚಾಯತ್‌ನ ಹೆಮ್ಮಾಡಿಯಿಂದ ಕಟ್ಟುವಿಗೆ ಹೋಗುವ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ

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	x 467.00	x 4.50	x 0.20	= 420.30 cum			
						= **420.30 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	x 244.00	x 4.50	x 0.60	= 658.80 cum			
						= **658.80 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) / 2		0.075	=	8.49	
	30 - 60	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	60 - 90	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	90 - 120	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	120 - 150	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	150 - 180	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	180 - 210	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	210 - 240	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	240 - 270	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	270 - 300	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	300 - 330	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	330 - 360	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	
	360 - 390	1	x 30.00	(3.75 + 3.75) / 2		0.075	=	8.49	

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

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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 / 2	)	0.15	=	16.88
30 - 60	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
60 - 90	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
90 - 120	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
120 - 150	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
150 - 180	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
180 - 210	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
210 - 240	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
240 - 270	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
270 - 300	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
300 - 330	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
330 - 360	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
360 - 390	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
390 - 420	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
420 - 450	1	x	30.00	(	3.75 + 3.75 / 2	)	0.15	=	16.88
450 - 467	1	x	17.00	(	3.75 + 3.75 / 2	)	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/Murrum 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

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

2	x	467.00	x	0.55	x	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. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 600mm

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A WIDE HORIZON OF OPPORTUNITIES

Ref.No.: MITK/CV/CW/2022-23/KRIDL/03/006 **Date:11/03/2023**

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 1st, 2nd, 3rd 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 Prasad

Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
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Mr. Prashanth Hegde
(Inspection Engineer)

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ಕಾಮಗಾರಿಯ ಹೆಸರು: ತಲ್ಲೂರು ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ದುಗ್ಗನಬೆಟ್ಟಿನ 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/Murrum with all lifts
(PWD SR 2021-22 Vol 1 , Page 7 , Item No.1.8)

(Qty as per calculation sheet enclosed) = 2184.00

= **2184.00 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) / 2		0.150	=	13.69
25 - 37	1 x	12.00	(3.65 + 4.40) / 2		0.150	=	7.25
37 - 41	1 x	4.00	(4.40 + 4.20) / 2		0.150	=	2.58
41 - 55	1 x	14.00	(4.20 + 3.60) / 2		0.150	=	8.19
55 - 85	1 x	30.00	(3.60 + 3.20) / 2		0.150	=	15.30
85 - 115	1 x	30.00	(3.20 + 3.20) / 2		0.150	=	14.40
115 - 128	1 x	13.00	(4.20 + 6.20) / 2		0.150	=	10.14
128 - 138	1 x	10.00	(6.20 + 8.30) / 2		0.150	=	10.88
138 - 157	1 x	19.00	(3.50 + 3.50) / 2		0.150	=	9.98
157 - 187	1 x	30.00	(3.50 + 3.50) / 2		0.150	=	15.75
187 - 199	1 x	12.00	(3.50 + 4.00) / 2		0.150	=	6.75
199 - 211	1 x	12.00	(4.00 + 3.90) / 2		0.150	=	7.11
211 - 235	1 x	24.00	(3.90 + 3.70) / 2		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) / 2		0.150	=	12.94

						1 2				
25 - 37	1	x	12.00	(	3.45	+	4.20)	0.150	=	6.89
						2				
37 - 41	1	x	4.00	(	4.20	+	4.00)	0.150	=	2.46
						2				
41 - 55	1	x	14.00	(	4.00	+	3.40)	0.150	=	7.77
						2				
55 - 85	1	x	30.00	(	3.40	+	3.00)	0.150	=	14.40
						2				
85 - 115	1	x	30.00	(	3.00	+	3.00)	0.150	=	13.50
						2				
115 - 128	1	x	13.00	(	4.00	+	6.00)	0.150	=	9.75
						2				
128 - 138	1	x	10.00	(	6.00	+	8.10)	0.150	=	10.58
						2				
138 - 157	1	x	19.00	(	3.30	+	3.30)	0.150	=	9.41
						2				
157 - 187	1	x	30.00	(	3.30	+	3.30)	0.150	=	14.85
						2				
187 - 199	1	x	12.00	(	3.30	+	3.80)	0.150	=	6.39
						2				
199 - 211	1	x	12.00	(	3.80	+	3.70)	0.150	=	6.75
						2				
211 - 235	1	x	24.00	(	3.70	+	3.50)	0.150	=	12.96
						2				
										128.63 CUM

4 KSRRB M300-Construction of Subgrade and Earthen Shoulders. KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum 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	x	235.00	x	0.60	x	0.30	= 84.60
							84.60 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	x	2.50	=	7.50
				7.50 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	x	2.50	=	15.00

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Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

A WIDE HORIZON OF OPPORTUNITIES

Ref.No.: MITK/CV/CW/2023-24/KRIDL/04/007 **Date:17/04/2023**

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 1st, 2nd, 3rd 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

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Udupi Dist. Karn.

Mr. Prashanth Hegde
(Inspection Engineer)

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ಕಾಮಗಾರಿಯ ಹೆಸರು: ಉಡುಪಿ ಜಿಲ್ಲೆ ಬ್ರಹ್ಮಾವರ ತಾ ಕೋಟ ಗ್ರಾ.ಪಂ. ಮನೂರು ದೇವಸ ಹೆಬ್ಬಾರ್ ರಸ್ತೆ ಪ.ಜಾತಿ ಕಾಲೋನಿ ಅಭಿವೃದ್ಧಿ

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 x	405.70 x	5.00 x		= 0.00			
						= **0.00 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)								
	EWE	2 x	405.70 x	5.00 x	0.30	= 1217.10			
	ED	2 x	405.70 x	0.60 x	0.60	= 292.10			
						= **1509.20 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 (PWD SR 2021-22 Vol 3 , Page 24 , Item No.4.27)								
	ROAD 1								
	0 - 23	1 x	23.00 (	3.15 + 3.20) / 2	0.15	= 10.95			
	0 - 30	1 x	30.00 (	3.20 + 3.20) / 2	0.15	= 14.40			
	30 - 60	1 x	30.00 (	3.20 + 3.25) / 2	0.15	= 14.51			
	60 - 90	1 x	30.00 (	3.25 + 3.65) / 2	0.15	= 15.53			
	90 - 120	1 x	30.00 (	3.65 + 4.10) / 2	0.15	= 17.44			
	120 - 150	1 x	30.00 (	4.10 + 3.35) / 2	0.15	= 16.76			
	150 - 180	1 x	30.00 (	3.35 + 3.20) / 2	0.15	= 14.74			
	180 - 210	1 x	30.00 (	3.20 + 3.55) / 2	0.15	= 15.19			
	0 - 30	1 x	30.00 (	3.35 + 3.45) / 2	0.15	= 15.30			
	30 - 60	1 x	30.00 (	3.20 + 3.45) / 2	0.15	= 14.96			
	60 - 90	1 x	30.00 (	3.45 + 3.65) / 2	0.15	= 15.98			
	90 - 120	1 x	30.00 (	3.45 + 3.25) / 2	0.15	= 15.08			
	120 - 132.4	1 x	12.40 (	3.45 + 3.20) / 2	0.15	= 6.18			
	0 - 12	1 x	12.00 (	6.95 + 3.20) / 2	0.15	= 9.14			
	0 - 28.3	1 x	28.30 (	4.35 + 3.30) / 2	0.15	= 16.24			

2

2

212.39 CUM

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) / 2	0.15	=	10.26
0 - 30	1 x	30.00 (	3.00 +	3.00) / 2	0.15	=	13.50
30 - 60	1 x	30.00 (	3.00 +	3.05) / 2	0.15	=	13.61
60 - 90	1 x	30.00 (	3.05 +	3.45) / 2	0.15	=	14.63
90 - 120	1 x	30.00 (	3.45 +	3.90) / 2	0.15	=	16.54
120 - 150	1 x	30.00 (	3.90 +	3.15) / 2	0.15	=	15.86
150 - 180	1 x	30.00 (	3.15 +	3.00) / 2	0.15	=	13.84
180 - 210	1 x	30.00 (	3.00 +	3.35) / 2	0.15	=	14.29
0 - 30	1 x	30.00 (	3.35 +	3.20) / 2	0.15	=	14.74
30 - 60	1 x	30.00 (	3.00 +	3.25) / 2	0.15	=	14.06
60 - 90	1 x	30.00 (	3.25 +	3.45) / 2	0.15	=	15.08
90 - 120	1 x	30.00 (	3.25 +	3.05) / 2	0.15	=	14.18
120 - 132.4	1 x	12.40 (	3.05 +	3.00) / 2	0.15	=	5.63
0 - 12	1 x	12.00 (	6.75 +	3.00) / 2	0.15	=	8.78
0 - 28.3	1 x	28.30 (	4.15 +	3.10) / 2	0.15	=	15.39

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 x 405.70 x 0.75 x 0.30 = 182.57

182.57 cum

6 Providing NP3 pipe

450mm dia 3 x 2.50 = 7.50 Rmt

300mm dia 2 x 2.50 = 5.00 Rmt

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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 1st, 2nd, 3rd 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)

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

Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

Mr. Prashanth Hegde
(Inspection Engineer)

MIT KUNDAPURA

✆: 08254 - 236970, 237258 Fax : 08254- 237235 email : principal@mitkundapura.com website : www.mitkundapura.com

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

Tech 217/2021-22 Dtd: 29.07.2021 ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 37.00 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	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 300-58. Construction of embankment with approved material Gravel/Murrum 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) / 2		0.15	=	5.03	
	5 - 17	1 x	12.00 (	4.10 + 3.90) / 2		0.15	=	7.20	
	17 - 47	1 x	30.00 (	3.90 + 3.90) / 2		0.15	=	17.55	
	47 - 77	1 x	30.00 (	3.90 + 3.85) / 2		0.15	=	17.44	
	77 - 107	1 x	30.00 (	3.85 + 3.90) / 2		0.15	=	17.44	
	107 - 122	1 x	15.00 (	3.90 + 3.90) / 2		0.15	=	8.78	
	122 - 135	1 x	13.00 (	3.90 + 4.50) / 2		0.15	=	8.19	
	135 - 146	1 x	11.00 (	4.50 + 6.20) / 2		0.15	=	8.83	
	146 - 154	1 x	8.00 (	6.20 + 8.00) / 2		0.15	=	8.52	
	154 - 173	1 x	19.00 (	5.50 + 4.00) / 2		0.15	=	13.54	
	173 - 203	1 x	30.00 (	4.00 + 3.90) / 2		0.15	=	17.78	
	203 - 216	1 x	13.00 (	3.90 + 5.05) / 2		0.15	=	8.73	
	216 - 228	1 x	12.00 (	3.90 + 3.90) / 2		0.15	=	7.02	
	ROAD 2								
	0 - 3	1 x	3.00 (	3.20 + 3.20) / 2		0.15	=	1.44	
						147.46 CUM			

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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) / 2	0.15	=	4.88
5 - 17	1	x	12.00	(	3.90	+ 3.70) / 2	0.15	=	6.84
17 - 47	1	x	30.00	(	3.70	+ 3.70) / 2	0.15	=	16.65
47 - 77	1	x	30.00	(	3.70	+ 3.65) / 2	0.15	=	16.54
77 - 107	1	x	30.00	(	3.65	+ 3.70) / 2	0.15	=	16.54
107 - 122	1	x	15.00	(	3.70	+ 3.70) / 2	0.15	=	8.33
122 - 135	1	x	13.00	(	3.70	+ 4.30) / 2	0.15	=	7.80
135 - 146	1	x	11.00	(	4.30	+ 6.00) / 2	0.15	=	8.50
146 - 154	1	x	8.00	(	6.00	+ 7.80) / 2	0.15	=	8.28
154 - 173	1	x	19.00	(	5.30	+ 3.80) / 2	0.15	=	12.97
173 - 203	1	x	30.00	(	3.80	+ 3.70) / 2	0.15	=	16.88
203 - 216	1	x	13.00	(	3.70	+ 4.85) / 2	0.15	=	8.34
216 - 228	1	x	12.00	(	3.70	+ 3.70) / 2	0.15	=	6.66
ROAD 2									
0 - 3	1	x	3.00	(	3.00	+ 3.00) / 2	0.15	=	1.35
									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/Murrum 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 x 231.00 x 0.60 x 0.30 = 83.16

83.16 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 x 2.50 = 12.50

12.50 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 x 2.50 = 7.50

7.50 Rmt

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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,31ST 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 1st, 2nd, 3rd 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 Prasad
Prof. Prashanth Hegde
(HOD, Civil Department)

Professor & Head, Civil Department
MOODLAKATTE INSTITUTE OF TECHNOLOGY
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Udupi Dist., Karnataka

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Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

Mr. Prashanth Hegde
(Inspection Engineer)

MIT KUNDAPURA

ಕಾಮಗಾರಿಯ ಹೆಸರು :	ಉಡುಪಿ ತಾಲೂಕು 31ನೇ ತೋನ್ಸೆ (ಕೆಮ್ಮಣ್ಣು) ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಪಡುತೋನ್ಸೆ ಗ್ರಾಮ ಕೆಮ್ಮಣ್ಣು ಜೂನಿಯರ್ ಕಾಲೇಜು ಆವರಣ ಗೋಡೆ

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

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	KSRRB M100-4.1 Cost of Haulage Excluding Loading and Unloading MORTH-100/Chapter 1(Page No. 134, Sl. No. 17.4)	Rs2.50	1.28T/M	5KM			Rs.	16.00
								84.00
	(+) 12% Area Weightage						Rs.	8.16
							Rs.	92.16
	Qty as per sl.no.3					1417.50	Cum	92.16
5	KSRRB 300-68: Extra for rolling to specification with power roller 8-10 tonne when earth is at suitable moisture content with desired field density not less than 100% of maximum dry density (ordinary proctor test) including HOM of machineries complete as per specifications. MORTH Chapter 3							
	(Page No. 150, Sl. No.19.76)							
	Basic Rate						Rs.	10.00
	(+) 12% Area Weightage						Rs.	1.20
							Rs.	11.20
	track	1	400	7.32	0.10	292.80		
	Qty as per sl.no.3					1417.50		
	extra					250.00		
						1960.30	Cum	**11.20**
6	KSRRB M300-53: Construction of embankment with approved material Gravel/Murrum with all lifts and leads. Transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305							
	(Page No. 148, Sl. No.19.60)							
	Basic Rate						Rs.	302.00
	(+) 12% Area Weightage						Rs.	36.24
							Rs.	338.24
	For 400.00mX6 lines Track	1	400.00	7.32	0.10	**292.80**	Cumt	**338.24**
7	KSRB 6-6.4: Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 3.5 newton per sqmm (Machine moulded Wirecut bricks) with cement mortar 1:3 for basement and supertructure including cost of materials, labour charges, scaffolding curing complete as per specifications. Specification No. KBS 6.2							
	(Page No. 28, Sl. No. 6.22)							
	Basic Rate						Rs.	10849.00
	(+) 12% Area Weightage						Rs.	1301.88
							Rs.	12150.88
		1	440.00	0.10	0.15	6.60		
						6.60	**Cumt**	**12150.88**
8	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding including cost of materals, labour, curing complete as per specifications.							
	(Page No. 112, Sl. No. 15.9)							
	Basic Rate						Rs.	181.00

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	(+) 12% Area Weightage						Rs.	21.72
							Rs.	202.72
	Track edge	1	440.00	0.40		176.00		
						176.00	sqmt	202.72
9	KSRB 4.1-3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarseaggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, concrete laid in laye` not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2							
	(Page No.12, Sl. No. 4.3).							
	Basic Rate						Rs.	4867.00
								4867.00
	(+) 12% Area Weightage						Rs.	584.04
							Rs.	5451.04
	mud protection wall	1	90.00	0.45	0.08	3.24		
	inner drain	1	40.00	0.45	0.08	1.44		
						4.68	Cumt	5451.04
10	KSRB 4.2.3 : Providing & laying in position reinforced cement concrete of mix M25 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarseaggregates @ 0.878cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in laye` not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels,retaining walls, return walls, walls ( any thickness) including attached plaste`, columns, pie`, abutments, pilla`, posts, struts, butte`ses, string or lacing cou`es, parapets, coping, bed blocks, anchor blocks, palin window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6							
	(Page No.13, Sl.No. 4.12)							
	Basic Rate						Rs.	6367.00
								6367.00
	(+) 12% Area Weightage						Rs.	764.04
							Rs.	7131.04
	inner drain wall	2	40.00	0.075	0.30	1.80		
	cover slab	1	40.00	0.45	0.075	1.35		
						3.15	Cumt	7131.04
11	KSRB 4-6.2 : Providing and removing, centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. Specification No. KBS 4-6.2							
	(Page No. 15, Sl. No.4.18)							
	Basic Rate						Rs.	313.00
								313.00
	(+) 12% Area Weightage						Rs.	37.56
							Rs.	350.56
	slab	1	40.00	0.30		12.00		
						12.00	sqm	350.56

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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**

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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 coarseaggregates @ 0.64 cum and fine aggregtes @ 0.43 cum,with superlastiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in laye` 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

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A WIDE HORIZON OF OPPORTUNITIES

Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/006 **Date:16/05/2023**

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 1st,2nd, 3rd 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 Prasad

Prof. Prashanth Hegde
(HOD, Civil Department)

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

Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

Mr. Prashanth Hegde
(Inspection Engineer)

MIT KUNDAPURA

ಕುಂದಾಪುರ ತಾಲೂಕು ಬೀಜಾಡಿ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ವೈದ್ಯರಬೆಟ್ಟು ರಸ್ತೆ ದುರಸ್ಥಿ

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	(3.20 + 3.20)/2 x		0.15	= 14.40
30-60	1	x	30.00	(3.20 + 3.25)/2 x		0.15	= 14.51
60-90	1	x	30.00	(3.25 + 3.30)/2 x		0.15	= 14.74
90-120	1	x	30.00	(3.30 + 3.25)/2 x		0.15	= 14.74
120-150	1	x	30.00	(3.25 + 3.20)/2 x		0.15	= 14.51
150-180	1	x	30.00	(3.20 + 3.25)/2 x		0.15	= 14.51
180-210	1	x	30.00	(3.25 + 3.28)/2 x		0.15	= 14.69
210-240	1	x	30.00	(3.28 + 3.22)/2 x		0.15	= 14.63
240-248.60	1	x	8.60	(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	(3.00 + 3.00)/2 x		0.15	= 13.50
30-60	1	x	30.00	(3.00 + 3.05)/2 x		0.15	= 13.61

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60-90	1 x	30.00	$\frac{3.05 + 3.10}{2}$ x	0.15	=	13.84
90-120	1 x	30.00	$\frac{3.10 + 3.05}{2}$ x	0.15	=	13.84
120-150	1 x	30.00	$\frac{3.05 + 3.00}{2}$ x	0.15	=	13.61
150-180	1 x	30.00	$\frac{3.00 + 3.05}{2}$ x	0.15	=	13.61
180-210	1 x	30.00	$\frac{3.05 + 3.08}{2}$ x	0.15	=	13.79
210-240	1 x	30.00	$\frac{3.08 + 3.02}{2}$ x	0.15	=	13.73
240-248.60	1 x	8.60	$\frac{3.02 + 3.00}{2}$ x	0.15	=	3.88
						113.41 Cum

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A WIDE HORIZON OF OPPORTUNITIES

Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/013 Date:31/05/2023

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 1st, 2nd, 3rd 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

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

Inspection Engineer

Principal
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Udupi Dist, Karnataka

✆: 08254 - 236970, 237258 Fax : 08254- 237235 email : principal@mitkundapura.com website : www.mitkundapura.com

ಕಾಮಗಾರಿಯ ಹೆಸರು: ಪಡುಬೆಳ್ಳೆ ಗ್ರಾ ಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಪಂಬೂರು 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 x 340.00 x 5.50 x 0.30 = 561.00

= **561.00 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 x 90.00 x 5.00 x 0.45 = 202.50

= **202.50 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) / 2		0.15	=	2.17
0 - 30	1 x	30.00	(	3.85 + 3.71) / 2		0.15	=	17.01
30 - 60	1 x	30.00	(	3.71 + 3.70) / 2		0.15	=	16.67
60 - 90	1 x	30.00	(	3.70 + 3.70) / 2		0.15	=	16.65
90 - 120	1 x	30.00	(	3.70 + 3.71) / 2		0.15	=	16.67
120 - 150	1 x	30.00	(	3.71 + 3.71) / 2		0.15	=	16.70
150 - 180	1 x	30.00	(	3.71 + 3.71) / 2		0.15	=	16.70
180 - 210	1 x	30.00	(	3.71 + 3.70) / 2		0.15	=	16.67
210 - 240	1 x	30.00	(	3.70 + 3.73) / 2		0.15	=	16.72
240 - 270	1 x	30.00	(	3.73 + 3.70) / 2		0.15	=	16.72
270 - 300	1 x	30.00	(	3.70 + 3.70) / 2		0.15	=	16.65
300 - 330	1 x	30.00	(	3.70 + 3.70) / 2		0.15	=	16.65
330 - 337	1 x	7.00	(	3.70 + 3.70) / 2		0.15	=	3.89

189.86 CUM

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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 mix M30 ,

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

0 - 3	1	x	3.00	(	5.60 + 3.65) / 2	0.15	=	2.08
0 - 30	1	x	30.00	(	3.65 + 3.51) / 2	0.15	=	16.11
30 - 60	1	x	30.00	(	3.51 + 3.50) / 2	0.15	=	15.77
60 - 90	1	x	30.00	(	3.50 + 3.50) / 2	0.15	=	15.75
90 - 120	1	x	30.00	(	3.50 + 3.51) / 2	0.15	=	15.77
120 - 150	1	x	30.00	(	3.51 + 3.51) / 2	0.15	=	15.80
150 - 180	1	x	30.00	(	3.51 + 3.51) / 2	0.15	=	15.80
180 - 210	1	x	30.00	(	3.51 + 3.50) / 2	0.15	=	15.77
210 - 240	1	x	30.00	(	3.50 + 3.53) / 2	0.15	=	15.82
240 - 270	1	x	30.00	(	3.53 + 3.50) / 2	0.15	=	15.82
270 - 300	1	x	30.00	(	3.50 + 3.50) / 2	0.15	=	15.75
300 - 330	1	x	30.00	(	3.50 + 3.50) / 2	0.15	=	15.75
330 - 337	1	x	7.00	(	3.50 + 3.50) / 2	0.15	=	3.68
HOUSE APPROCH								
0 - 2	1	x	2.00	(	3.00 + 3.00) / 2	0.15	=	0.90
0 - 1	1	x	1.00	(	3.00 + 3.00) / 2	0.15	=	0.45
								181.01 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	x	340.00	x	0.75	x	0.30	= 153.00
							153.00 cum

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A WIDE HORIZON OF OPPORTUNITIES

Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/007 **Date:18/05/2023**

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 1st, 2nd, 3rd 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 Prasad

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)

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Udupi Dist, Karnataka

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ಕುಂದಾಪುರ ತಾಲೂಕು ಕುಂಭಾಶಿ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಪಣ್‌ಹತ್ವಾರ್ ಬೆಟ್ಟು ರಸ್ತೆ ಮುಂದುವರಿದ ಭಾಗದ ದುರಸ್ಥಿ

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

1 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	111.80	x	4.00 x	0.20	= 89.44
						89.44 Cum

2 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)

0-14	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

3 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,

0-14	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

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Udupi Dist, Karnataka

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A WIDE HORIZON OF OPPORTUNITIES

Ref.No.: MITK/CV/CW/2023-24/KRIDL/05/009 **Date:18/05/2023**

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 1st, 2nd, 3rd 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 Prasad

Prof. Prashanth Hegde
(HOD, Civil Department)

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

Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

Mr. Prashanth Hegde
(Inspection Engineer)

MIT KUNDAPURA

ಕಾಮಗಾರಿಯ ಹೆಸರು	ಬೆಳ್ಳಾಲ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಚಪ್ಪರ್ಕದಿಂದ ಕುದ್ರುಬೀರುಕಟ್ಟೆ ಹೋಗುವ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ.

ಆರ್‌ಆರ್‌ಸಿ: 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 x 1325.00 x 3.50 x 0.15 = 695.63 **Consider 20% of Quantity For Pot Hole Filling** = 139.13 139.13						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 x 1325.00 x 3.50 = 4637.50 4637.50						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 x 1325.00 x 3.50 = 4637.50 4637.50						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 x 1325.00 x 3.50 x 0.05 = 231.88 231.88						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 x 1325.00 x 3.50 = 4637.50 4637.50						Sqm	14.56	Rs.

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Moodlakatte, Kundapura - 576217
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6	Providing and laying Semi Dense Bituminous Concrete with 40/60 TPH capacity hot mix plant batch type using crushed aggregates of specified grading premixed with bituminous binder VG-30 @ 5% by weight of mix and filler, transported to site, laid over a previously prepared surface with mechanical paver finisher to the required grade, level and alignment and rolled as per MoRTH V revision. (PWD SR 2021-22 Vol 3 , Page 145 , Item No.21-A(1))									
		1	x	1325.00	x	3.50	x	0.025	=	115.94
										115.94 Cum 11188.80 Rs.
7	**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)									
	Shoulders	2	x	1325.00	x	0.75 (Avg)	x	0.100 (Avg)	=	198.75
										198.75 Cum 462.56 Rs.

Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to V.T.U., Belagavi)

Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka

A WIDE HORIZON OF OPPORTUNITIES

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 1st, 2nd, 3rd 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 Prasad

Prof. Prashanth Hegde
(HOD, Civil Department)

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

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Udupi Dist, Karnataka

Mr. Prashanth Hegde
(Inspection Engineer)

MIT KUNDAPURA

✆: 08254 - 236970, 237258 Fax : 08254- 237235 email : principal@mitkundapura.com website : www.mitkundapura.com

ಕಾಮಗಾರಿಯ ಹೆಸರು	ಆಜ್ರಿ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಕೆಂಚಮನೆ 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	

Principal
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Moodlakatte, Kundapura - 576211
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750-780	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
780-810	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
810-840	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
840-870	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
870-900	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
900-930	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
930-960	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
960-990	1 x	30.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	15.75
990-1011	1 x	21.00	$\frac{3.50 + 3.50}{2}$ x	0.15	=	11.03
bell mouth	1 x	19.00	$\frac{6.30 + 12.50}{2}$ x	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

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Udupi Dist, Karnataka

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	

Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura
Udupi Dist. Karnataka

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

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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

Principal
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Udupi Dist. Karnataka

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

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Moodlakatte, Kundapura - 576213
Udupi Dist, Karnataka

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	

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 3 , Page 15 , Item No.3.6) Shoulders 2 x 1032.50 x 0.75 (Avg) x 0.300 (Avg) = 464.63 464.63 Cum	
7	Providing Name Boards	
8	Add 0.5% Third Party Inspection Charges	

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