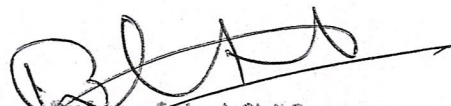


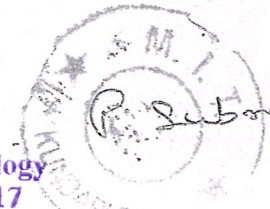
Ref.No.: MITK/CV/CW/2020-21/KRIDL/09/035

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	BITUMEN WORK OF ROAD FROM MAIN ROAD TO GANAPATHI TEMPLE, GAHESH BHAT HOUSE ROAD AT KAVADI VILLAGE, VADDARSE G.P, BRAHMAVARA TALUK UDUPI DISTRICT
3	Scheme of the Work	UNDER THE SCHEME OF 5054
4	Estimate Cost	Rs.15,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	132/2020-21 Dated: 17.08.2020
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. SUBRAMANYA P
10	Date of commencement of the work	03/01/2020
11	Date of Completion	07/03/2020
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	24/01/2020, 18/03/2020
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
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	, Work is completed
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)


Principal & 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


Subramanya

ಕಾಮಗಾರಿಯ ಹೆಸರು :

ಬ್ರಹ್ಮಾವರ ತಾಲೂಕು ವೆಡ್ಜರ್ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಕಾವಾಡಿ ಗ್ರಾಮದ ಮುಖ್ಯ ರಸ್ತೆಯಿಂದ
ಗಣಪತಿ ದೇವಸ್ಥಾನದ ಮೂಲಕ ಗಣೇಶ್ ಭಟ್ಟ ಮನೆವರೆಗೆ ರಸ್ತೆ ಡಾಂಬರೀಕರಣ

Tech 132/2020-21

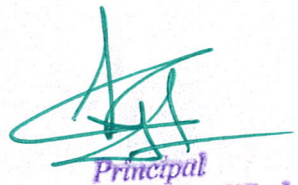
Dtd: 17.08.2020

Rs. 15.00.000.00

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 15.00 ಲಕ್ಷ

5054

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	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.								
		1 x	589.80	x	3.00	x	0.20	=	353.88
								=	353.88 Cum 42.50 Rs.
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.								
	(PRED SR 2018-19, Page 41 , Item No.4.1(iii))								
	0-8	1 x	8.00	(	9.00	+	4.30	)	0.075 = 3.99
1	0-30	1 x	30.00	(	3.20	+	3.00	)	0.075 = 6.98
2	30-60	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
3	60-90	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
4	90-120	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
5	120-150	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
6	150-180	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
7	180-210	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
8	210-240	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
9	240-270	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
10	270-278.50	1 x	8.50	(	3.00	+	3.00	)	0.075 = 1.91
	CHIKKU TEMPLE								
	0-4.50	1 x	4.50	(	3.45	+	2.90	)	0.075 = 1.07
	0-15.30	1 x	15.30	(	4.50	+	3.15	)	0.075 = 4.39
	ROAD B								
	0-8	1 x	8.00	(	6.70	+	4.30	)	0.075 = 3.30
	8=38	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
	38=68	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
	68=98	1 x	30.00	(	3.00	+	3.00	)	0.075 = 6.75
	98=122	1 x	24.00	(	3.00	+	3.00	)	0.075 = 5.40
	ROAD C								


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0-30	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
30-60	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
60-90	1 x	30.00	(3.00 + 2	2.60)	0.075	=	6.30
90-120	1 x	30.00	(2.60 + 2	2.70)	0.075	=	5.96
120-150	1 x	30.00	(2.70 + 2	3.00)	0.075	=	6.41
150-161.50	1 x	11.50	(3.00 + 2	3.00)	0.075	=	2.59

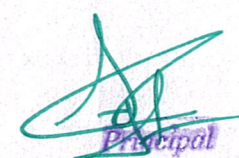
136.05

136.05 Cum 2604.89 Rs.

- 3 Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.

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

0-8	1 x	8.00	(9.00 + 2	4.30)	0.075	=	3.99
1 0-30	1 x	30.00	(3.20 + 2	3.00)	0.075	=	6.98
2 30-60	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
3 60-90	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
4 90-120	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
5 120-150	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
6 150-180	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
7 180-210	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
8 210-240	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
9 240-270	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
10 270-278.50	1 x	8.50	(3.00 + 2	3.00)	0.075	=	1.91
CHIKKU TEMPLE							
11 0-4.50	1 x	4.50	(3.45 + 2	2.90)	0.075	=	1.07
12 0-15.30	1 x	15.30	(4.50 + 2	3.15)	0.075	=	4.39
ROAD B							
0-8	1 x	8.00	(6.70 + 2	4.30)	0.075	=	3.30
8=38	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
38=68	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
68=98	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
98=122	1 x	24.00	(3.00 + 2	3.00)	0.075	=	5.40
ROAD C							
0-30	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75


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30-60	1 x	30.00	(3.00 + 3.00)	0.075	=	6.75
60-90	1 x	30.00	(3.00 + 2.60)	0.075	=	6.30
90-120	1 x	30.00	(2.60 + 2.70)	0.075	=	5.96
120-150	1 x	30.00	(2.70 + 3.00)	0.075	=	6.41
150-161.50	1 x	11.50	(3.00 + 3.00)	0.075	=	2.59

136.05

136.05 Cum 2747.58 Rs.

- 4 Providing and applying **primer coat** with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502 (PRED SR 2018-19, Page 53, Item No.5.1(i))

0-8 1 x 8.00 (9.00 + 4.30) = 53.20

1 0-30 1 x 30.00 (3.20 + 3.00) = 93.00

2 30-60 1 x 30.00 (3.00 + 3.00) = 90.00

3 60-90 1 x 30.00 (3.00 + 3.00) = 90.00

4 90-120 1 x 30.00 (3.00 + 3.00) = 90.00

5 120-150 1 x 30.00 (3.00 + 3.00) = 90.00

6 150-180 1 x 30.00 (3.00 + 3.00) = 90.00

7 180-210 1 x 30.00 (3.00 + 3.00) = 90.00

8 210-240 1 x 30.00 (3.00 + 3.00) = 90.00

9 240-270 1 x 30.00 (3.00 + 3.00) = 90.00

10 270-278.50 CHIKKU TEMPLE 1 x 8.50 (3.00 + 3.00) = 25.50

11 0-4.50 1 x 4.50 (3.45 + 2.90) = 14.29

12 0-15.30 1 x 15.30 (4.50 + 3.15) = 58.52

ROAD B
0-8 1 x 8.00 (6.70 + 4.30) = 44.00

8=38 1 x 30.00 (3.00 + 3.00) = 90.00

38=68 1 x 30.00 (3.00 + 3.00) = 90.00

68=98 1 x 30.00 (3.00 + 3.00) = 90.00

98=122 1 x 24.00 (3.00 + 3.00) = 72.00

ROAD C
0-30 1 x 30.00 (3.00 + 3.00) = 90.00

30-60 1 x 30.00 (3.00 + 3.00) = 90.00

60-90 1 x 30.00 (3.00 + 2.60) = 84.00

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90-120	1 x	30.00	(2.60 + 2.70)	=	79.50
120-150	1 x	30.00	(2.70 + 3.00)	=	85.50
150-161.50	1 x	11.50	(3.00 + 3.00)	=	34.50

1814.01

= 1814.01

1814.01 Sqm 55.66 Rs.

- 5 Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.

(PRED SR 2018-19, Page 54, Item No.5.2(iii))

0-8	1 x	8.00	(9.00 + 4.30)	=	53.20
1 0-30	1 x	30.00	(3.20 + 3.00)	=	93.00
2 30-60	1 x	30.00	(3.00 + 3.00)	=	90.00
3 60-90	1 x	30.00	(3.00 + 3.00)	=	90.00
4 90-120	1 x	30.00	(3.00 + 3.00)	=	90.00
5 120-150	1 x	30.00	(3.00 + 3.00)	=	90.00
6 150-180	1 x	30.00	(3.00 + 3.00)	=	90.00
7 180-210	1 x	30.00	(3.00 + 3.00)	=	90.00
8 210-240	1 x	30.00	(3.00 + 3.00)	=	90.00
9 240-270	1 x	30.00	(3.00 + 3.00)	=	90.00
10 270-278.50 CHIKKU TEMPLE	1 x	8.50	(3.00 + 3.00)	=	25.50
11 0-4.50	1 x	4.50	(3.45 + 2.90)	=	14.29
12 0-15.30	1 x	15.30	(4.50 + 3.15)	=	58.52
ROAD B 0-8	1 x	8.00	(6.70 + 4.30)	=	44.00
8=38	1 x	30.00	(3.00 + 3.00)	=	90.00
38=68	1 x	30.00	(3.00 + 3.00)	=	90.00
68=98	1 x	30.00	(3.00 + 3.00)	=	90.00
98=122	1 x	24.00	(3.00 + 3.00)	=	72.00
ROAD C 0-30	1 x	30.00	(3.00 + 3.00)	=	90.00
30-60	1 x	30.00	(3.00 + 3.00)	=	90.00
60-90	1 x	30.00	(3.00 + 2.60)	=	84.00
90-120	1 x	30.00	(2.60 + 2.70)	=	79.50
120-150	1 x	30.00	(2.70 + 3.00)	=	85.50

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Udupi Dist, Karnataka

$$150-161.50 \quad 1 \times 11.50 \left(\frac{3.00 + 3.00}{2} \right) = 34.50$$

1814.01

= 1814.01

1814.01 Sqm 12.14 Rs.

- 6 Providing, laying and rolling of open-graded **premix carpet** of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508. Case 1 By Manual Means i) Bitumen (S-90)

(PRED SR 2018-19, Page 57 , Item No.5.9 case 1 (i))

= 1814.01

1814.01 Sqm 139.66 Rs.

- 7 Providing and laying **seal coat** sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 (A) By manual means (i) Bitumen (S-90)

(PRED SR 2018-19, Page 57 , Item No.5.9 case 1 (i))

= 1814.01

1814.01 Sqm 69.83 Rs.

- 8 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 No.33 Item No.3.4)

$$\text{Shoulders} \quad 2 \times 589.80 \times 0.45 \times 0.25 = 134.70$$

$$134.70 \text{ Cum} \quad 333.96 \text{ Rs.}$$


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



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



Ref.No.: MITK/CV/CW/2020-21/KRIDL/11/025

Date: 23/11/2020

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	CONSTRUCTION WORK OF THIMMA MARAKAL HOUSE TO MD NAYAK HOUSE ROAD AT MULLUGUDDE AT CHERKADI G.P, UDUPI TALUK & DISTRICT
3	Scheme of the Work	MP GRANT-AS PER THE APROVAL OF SRI OSKAR FERNANDES-MP
4	Estimate Cost	Rs. 10,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	62/2020-21
7	Bill Amount	Rs. 10,00,000.00/-
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	24/07/2020
11	Date of Completion	04/09/2020
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	21/08/2020, 06/10/2020
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 concrete cube. 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 - 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)

Prof. Prasanna Kumar
(HOD) Civil Department

Mr. Prasad Gaonkar
(Inspection Engineer)

Principal

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

ಕಾಮಗಾರಿಯ ಹೆಸರು: ಬೇರ್ಕಾಡಿ ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ಮುಳ್ಳುಗುಡ್ಡೆ ತಿಮ್ಮ ಮರಕಾಲ ಮನೆಯಿಂದ
ಎಂ.ಡಿ. ನಾಯಕ್ ಮನೆಯವರಿಗೆ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ

TECH-62/2020-21:, DT: 13.07.2020 RS.10,00,000.00

1 Earth work excavation

Road 1	1 x	234.00	3.50	0.15	=	122.85
						122.85

2 Wet Mix

0-9	1 x	9.00	$\frac{6.10 + 3.30}{2}$	x	0.10	=	4.23
9-24'	1 x	15.00	$\frac{3.30 + 3.10}{2}$	x	0.10	=	4.80
24-39	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
39-54	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
54-69	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
69-84	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
84-99	1 x	15.00	$\frac{3.10 + 3.30}{2}$	x	0.10	=	4.80
225-240	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
240-255	1 x	15.00	$\frac{6.10 + 3.30}{2}$	x	0.10	=	7.05
255-270	1 x	15.00	$\frac{3.30 + 3.10}{2}$	x	0.10	=	4.80
270-285	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
285-300	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
300-315	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65
315-330	1 x	15.00	$\frac{3.10 + 3.10}{2}$	x	0.10	=	4.65

$$330-345 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.30}{2} \times \quad 0.10 \quad = \quad 4.80$$

$$345-360 \quad 1 \times \quad 15.00 \quad \frac{3.30 + 3.30}{2} \times \quad 0.10 \quad = \quad 4.95$$

77.28

4 M30 Concrete

$$0-9 \quad 1 \times \quad 9.00 \quad \frac{6.10 + 3.30}{2} \times \quad 0.15 \quad = \quad 6.35$$

$$9-24' \quad 1 \times \quad 15.00 \quad \frac{3.30 + 3.10}{2} \times \quad 0.15 \quad = \quad 7.20$$

$$24-39 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$39-54 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$54-69 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$69-84 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$84-99 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.30}{2} \times \quad 0.15 \quad = \quad 7.20$$

$$225-240 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.10 \quad = \quad 4.65$$

$$240-255 \quad 1 \times \quad 15.00 \quad \frac{6.10 + 3.30}{2} \times \quad 0.15 \quad = \quad 10.58$$

$$255-270 \quad 1 \times \quad 15.00 \quad \frac{3.30 + 3.10}{2} \times \quad 0.15 \quad = \quad 7.20$$

$$270-285 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$285-300 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$300-315 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$315-330 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.10}{2} \times \quad 0.15 \quad = \quad 6.98$$

$$330-345 \quad 1 \times \quad 15.00 \quad \frac{3.10 + 3.30}{2} \times \quad 0.15 \quad = \quad 7.20$$

$$345-360 \quad 1 \times \quad 15.00 \quad \frac{3.30 + 3.30}{2} \times \quad 0.15 \quad = \quad 7.43$$

113.60

6 EMBANKMENT

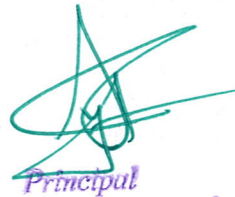
$$\text{Road} \quad 2.0 \times \quad 234.00 \quad 0.30 \quad 0.25 \quad = \quad 35.10$$

35.10

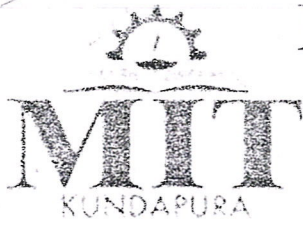
122.85	45.1	5540.535
77.28	2520.1	194753.328
113.60	5788.2	657510.579
35.10	564.3	19806.93
		6000.00
		5000.00

5788.2

888611.37
26658.00
915269.37
9153.00
924422.37
110931.00
1329.00
1036682.37



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



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
Date: 20/11/2020

Ref.No.: MITK/CV/CW/2020-21/KRIDL/11/028

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF ROAD FROM VARIJA SHEDTHI HOUSE TO MARIA POOJARI HOUSE ROAD AT SHIRIYARA G.P., UDUPI TALUK & DISTRICT
3	Scheme of the Work	5054/03/337/0/73/059 GRANT
4	Estimate Cost	Rs. 10,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	46/2020-21 Dated: 09.07.2020
7	Bill Amount	Rs. 10,00,000.00/-
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	15/09/2020
11	Date of Completion	22/10/2020
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	22/09/2020, 24/10/2020
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 concrete cube. 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 - 64mm
17	If the quality of work is not up to the satisfactory, the consultants suggestions for rectifications/ redoing	Inspected the progress of the work, and carried out Material test, compressive strength of concrete cube. Work is satisfactory as per norms and IS Specifications (Test Report is attached)
18	Opinion of the Third party agency regarding measurement	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 : ಉಡುಪಿ ಜಿಲ್ಲೆ ಉಡುಪಿ ತಾಲ್ಲೂಕು ಶಿರಿಯಾರು ಗ್ರಾಮ ಪಂಚಾಯತ್ ವ್ಯಾಪ್ತಿಯ ವಾರಿಜಾ ಶೆಡ್ಡಿ ಮನೆಯಿಂದ ಮರಿಯಾ ಪೂಜಾರಿ ಮನೆಯವರೆಗಿನ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ.

Tech 46/2020-21

Dtd: 09.07.2020

Rs. 10,00,000.00

ಅಂದಾಜು ಮೊತ್ತ ರೂ. 10.00 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	KSRRB M300-14.Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers,trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections,and transportation with a lead of 1.00 Km and complete as per specifications. MORTH Specification No. 301 (PWD SR 2018-19, Page 143 , Item No.19.14) EWE	1	x 199.50	x 4.00	x 0.20	= 159.60			
						= 159.60 Cum	45.10	Rs.	7198.00
2	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (PWD SR 2018-19, Page 155 , Item No.20.18)								
	0-30	1	x 30.00	(3.10 +	3.00)	0.100	=	9.15	
				2					
	30-60	1	x 30.00	(3.00 +	3.00)	0.100	=	9.00	
				2					
	60-90	1	x 30.00	(3.00 +	3.00)	0.100	=	9.00	
				2					
	90-120	1	x 30.00	(3.00 +	3.00)	0.100	=	9.00	
				2					
	120-150	1	x 30.00	(3.00 +	3.00)	0.100	=	9.00	
				2					
	150-180	1	x 30.00	(3.00 +	3.00)	0.100	=	9.00	
				2					
	180-196	1	x 16.00	(3.00 +	3.00)	0.100	=	4.80	
				2					
	0-3.50	1	x 3.50	(3.70 +	4.20)	0.100	=	1.38	
				2					
								60.33	
						60.33 Cum	2520.10	Rs.	152044.00

- 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, with 25mm and down size graded granite metal coarse aggregates and fine aggregates, with superplasticiser @ 3% confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - **M30** (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)

(PWD SR 2018-19, Page 176, Item No.22.6.1)

0-30	1	x	30.00	(	3.10	+	3.00	)	0.150	=	13.73
					2						
30-60	1	x	30.00	(	3.00	+	3.00	)	0.150	=	13.50
					2						
60-90	1	x	30.00	(	3.00	+	3.00	)	0.150	=	13.50
					2						
90-120	1	x	30.00	(	3.00	+	3.00	)	0.150	=	13.50
					2						
120-150	1	x	30.00	(	3.00	+	3.00	)	0.150	=	13.50
					2						
150-180	1	x	30.00	(	3.00	+	3.00	)	0.150	=	13.50
					2						
180-196	1	x	16.00	(	3.00	+	3.00	)	0.150	=	7.20
					2						
0-3.50	1	x	3.50	(	3.70	+	4.20	)	0.150	=	2.07
					2						

90.50

90.50 Cum 5664.58 Rs. 512637.00

- 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

(PWD SR 2018-19, Page No.147, Item No.19.62)

Shoulders 2 x 199.50 x 0.45 x 0.25 = 44.89

44.89 Cum 564.30 Rs. 25330.00

Ref.No.: MITK/CV/CW/2020-21/KRIDL/11/006

Date: 06/11/2020

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2.	Name of the Work/ Scheme	DEVELOPMENT WORK OF ROAD FROM VISHNUMURTHY NAGARA BUS STAND TO VEERAMARUTHI TEMPLE ROAD AT KELARKALA BETTU, THENKANIDIYURU G.P, UDUPI DISTRICT
3	Scheme of the Work	5054/03/337/0/73/059 GRANT
4	Estimate Cost	Rs.15,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	170/2019-20 Dated:16.08.2020
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	14/02/2020
11.	Date of Completion	16/03/2020
12.	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	22/02/2020, 21/03/2020
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 concrete cube. 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 – 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
	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. 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

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



ಕಾಮಗಾರಿಯ ಹೆಸರು :

ಉಡುಪಿ ಜಿಲ್ಲೆ, ಉಡುಪಿ ತಾಲ್ಲೂಕು, ತೆಂಕನಿಡಿಯೂರು ಗ್ರಾಮ ಪಂಚಾಯತಿ ವ್ಯಾಪ್ತಿಯ ಕೆಳಾಕುಳಬೆಟ್ಟು
ವಿಪ್ಲವಮೂರ್ತಿ ನಗರ ಬಸ್ ನಿಲ್ದಾಣದಿಂದ ವೀರಮಾರುತಿ ದೇವಸ್ಥಾನದ ಕಾಂಕ್ರೀಟ್ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ

Tech 59/2020-21

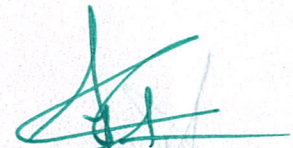
Dtd: 09.07.2020

Rs. 15,00,000.00

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 15.00 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	KSRRB M300-14.Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers,trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections,and transportation with a lead of 1.00 Km and complete as per specifications. MORTH Specification No. 301 (PWD SR 2018-19, Page 143 , Item No.19.14) EWE	1	x 307.53	x 4.50	x 0.20	= 276.78			
						= 276.78 Cum	45.10	Rs.	12483.00
2	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (PWD SR 2018-19, Page 155 , Item No.20.18)								
	0-30	1	x 30.00	(3.50 + 2	3.50)	0.100	=	10.50	
	30-50	1	x 30.00	(3.50 + 2	4.10)	0.100	=	11.40	
	50-55.78	1	x 5.78	(4.10 + 2	8.00)	0.100	=	3.50	
	FROM DURGA GENARAL STORE								
	0-30	1	x 30.00	(4.00 + 2	3.30)	0.100	=	10.95	
	30-60	1	x 30.00	(3.30 + 2	3.60)	0.100	=	10.35	
	60-90	1	x 30.00	(3.60 + 2	3.50)	0.100	=	10.65	
	90-120	1	x 30.00	(3.50 + 2	3.52)	0.100	=	10.53	
	120-150	1	x 30.00	(3.52 + 2	3.50)	0.100	=	10.53	
	150-180	1	x 30.00	(3.50 + 2	3.55)	0.100	=	10.58	
	180-210	1	x 30.00	(3.55 + 2	3.45)	0.100	=	10.50	
	210-240	1	x 30.00	(3.45 + 2	3.45)	0.100	=	10.35	
	240-241.75	1	x 1.75	(3.45 + 2	3.45)	0.100	=	0.60	
						110.44			
						110.44 Cum	2520.10	Rs.	278309.00

- 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 , with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)



Principal

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Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

(PWD SR 2018-19, Page 176, Item No.22.6.1)

0-30	1 x 30.00	(3.50 + 2	3.50)	0.150	=	15.75
30-50	1 x 30.00	(3.50 + 2	4.10)	0.150	=	17.10
50-55.78	1 x 5.78	(4.10 + 2	8.00)	0.150	=	5.25
FROM DURGA GENARAL STORE						
0-30	1 x 30.00	(4.00 + 2	3.30)	0.150	=	16.43
30-60	1 x 30.00	(3.30 + 2	3.60)	0.150	=	15.53
60-90	1 x 30.00	(3.60 + 2	3.50)	0.150	=	15.98
90-120	1 x 30.00	(3.50 + 2	3.52)	0.150	=	15.80
120-150	1 x 30.00	(3.52 + 2	3.50)	0.150	=	15.80
150-180	1 x 30.00	(3.50 + 2	3.55)	0.150	=	15.86
180-210	1 x 30.00	(3.55 + 2	3.45)	0.150	=	15.75
210-240	1 x 30.00	(3.45 + 2	3.45)	0.150	=	15.53
240-241.75	1 x 1.75	(3.45 + 2	3.45)	0.150	=	0.91
HOME CONNECTION						
2.2	1 x 2.20	(3.50 + 2	3.50)	0.100	=	0.77
2.6	1 x 2.60	(1.70 + 2	1.70)	0.100	=	0.44
5.5	1 x 5.50	(0.60 + 2	0.60)	0.100	=	0.33
1.5	1 x 1.50	(1.50 + 2	1.50)	0.100	=	0.23
2.6	1 x 2.60	(1.10 + 2	1.10)	0.100	=	0.29

167.71

167.71 Cum 5664.58 Rs. 949986.00

- 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

(PWD SR 2018-19, Page No.147, Item No.19.62)

Shoulders	1 x 307.53 x 0.45 x 0.25	=	34.60
	34.60 Cum	564.30 Rs.	19523.00

- 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 dia

(PWD SR 2018-19, Page 254, Item No. 34.6.2)

600mm pipe	2 x 2.50	=	5.00
	5.00 Rmt	2841.30 Rs.	14207.00

Principal
Moodlakatte Institute of Technology
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 Udupi Dist, Karnataka



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(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/2020-21/KRIDL/01/009

Date:08/01/2020

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2.	Name of the Work/ Scheme	IMPROVEMENT OF ROAD AT HARKURU VILLAGE SABHA BHAVANA SIDES TO KATTINAMAKKI ROAD, KUNDAPURA TALUK, UDUPI DISTRICT
3	Scheme of the Work	UNDER THE SCHEME OF MLC GRANT
4	Estimate Cost	Rs. 5,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	23/2020-21 Dated:10.07.2020
7	Bill Amount	Rs.5,00,000.00/-
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	04/12/2020
11.	Date of Completion	02/01/2021
12.	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	06/12/2020, 04/01/2021
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 concrete cube. 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 - 64 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)

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

ಕಾಮಗಾರಿಯ ಹೆಸರು :

Improvement of road at Harkur village sabha Bhavan sides to Kattinmakki road

Tech 23/2020-21 Dtd: 10.07.2020

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 5.00 ಲಕ್ಷ

ಯೋಜನೆ : 2018-19ನೇ ಸಾಲಿನ ಸಂಸದರ ಸ್ಥಳೀಯ ಪ್ರದೇಶಾಭಿವೃದ್ಧಿ

[illegible]

50.88 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 mix M30, with 25mm and down size graded granite metal coarse aggregates and fine aggregates, with superplasticiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)

(PWD SR 2018-19, Page 177, Item No.22.6.1)

0-15	1 x 15.00 (3.00 + 3.00) 0.15 = 6.75
15-30	1 x 15.00 (3.00 + 3.00) 0.15 = 6.75
30-45	1 x 15.00 (3.00 + 3.00) 0.15 = 6.75
45-60	1 x 15.00 (3.00 + 3.00) 0.15 = 6.75
60-75	1 x 15.00 (3.00 + 3.00) 0.15 = 6.75
75-90	1 x 15.00 (3.00 + 3.00) 0.15 = 6.75
90-106	1 x 16.00 (3.00 + 3.00) 0.15 = 7.20
	47.70 CUM

- 5 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 2018-19, Page No.147 Item No.19.62)

Shoulders 2 x 106.00 x 0.60 x 0.25 = **31.80 CUM**



Moodlakatte Institute of Technology

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

Ref.No.: MITK/CV/CW/2020-21/KRIDL/01/010

A WIDE
HORIZON OF
OPPORTUNITIES
Date: 08/01/2020

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2.	Name of the Work/ Scheme	IMPROVEMENT OF ROAD AT HOSADU VILLAGE BHAGATH NAGARA YAKSHESHWARI TEMPLE ROAD, KUNDAPURA TALUK, UDUPI DISTRICT
3	Scheme of the Work	UNDER THE SCHEME OF MLC GRANT
4	Estimate Cost	Rs. 5,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	04/2020-21 Dated:22.06.2020
7	Bill Amount	Rs.5,00,000.00/-
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	02/12/2020
11.	Date of Completion	04/01/2021
12.	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	06/12/2020, 04/01/2021
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 concrete cube. 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 0.49 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)

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

Tech 14/2020-21 Dtd: 22.06.2020

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 5.00 ಲಕ್ಷ

ಯೋಜನೆ : 2018-19ನೇ ಸಾಲಿನ ಸಂಸದರ ಸ್ಥಳೀಯ ಪ್ರದೇಶಾಭಿವೃದ್ಧಿ

[illegible]


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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 , with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - **M30** (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)

(PWD SR 2018-19, Page 177 , Item No.22.6.1)

0-15	1	x	15.00	(	3.20	+	3.20	)	0.15	=	7.20
							2				
15-30	1	x	15.00	(	3.20	+	3.20	)	0.15	=	7.20
							2				
30-45	1	x	15.00	(	3.20	+	3.10	)	0.15	=	7.09
							2				
45-60	1	x	15.00	(	3.10	+	3.20	)	0.15	=	7.09
							2				
60-75	1	x	15.00	(	3.20	+	3.15	)	0.15	=	7.14
							2				
75-90	1	x	15.00	(	3.15	+	3.15	)	0.15	=	7.09
							2				
90-105	1	x	15.00	(	3.15	+	3.20	)	0.15	=	7.14
							2				
											49.95 CUM

- 5 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 2018-19, Page No.147 Item No.19.62)

Shoulders 2 x 105.00 x 0.30 x 0.25 = **15.75 CUM**



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(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/2020-21/KRIDL/03/001

Date:04/03/2021

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2	Name of the Work/ Scheme	DEVELOPMENT WORK OF CHAKRAMMA TEMPLE SABHBHAVANA AT KODI KUNDAPURA MUNCILITY, UDUPI DISTRICT
3	Scheme of the Work	UNDER THE SCHEME OF MLA GRANT
4	Estimate Cost	Rs. 5,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	237/2020-21 Dated:21.01.2021
7	Bill Amount	Rs. 5,00,000.00/-
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	18/12/2020
11	Date of Completion	21/01/2021
12	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	18/01/2021, 27/02/2021
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 concrete cube. 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 0.49 True Slump – 64 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)

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

**KARNATAKA RURAL INFRASTRUCTURE DEVELOPMENT LIMITED,
UDUPI DIVISION**

ಕಾಮಗಾರಿಯ ಹೆಸರು : ಕುಂದಾಪುರ ಮರಸಫಾ ವ್ಯಾಪ್ತಿಯ ಕೋಡಿ ಚಕ್ರವ್ಯು ದೇವಸ್ಥಾನದ ಸಭಾಭವನ ಅಭಿವೃದ್ಧಿ

Tech 237/2020-21 Dtd: 21.01.2021

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 5.00 ಲಕ್ಷ

Sl. No.	Items of work	No	L	B	D/H	Qty	Unit
1	2	3	4	5	6	7	8
3	KSRRB M300-53. Construction of embankment with approved material Gravel/Murum 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, including cost of gravel/ murum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 (PWD SR 2018-19, Page No.147, Item No.19.60) (Qty as per calculation sheet enclosed) = 1159.89 Quantity is Taken on this Estimate = 266.77 <u>266.77 Cum</u>						
2	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (PWD SR 2018-19, Item No 2.3, Page 6) EWE 1 x 57.00 x 0.90 x 0.75 = 38.48 <u>38.48 Cum</u>						
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (PWD SR 2018-19, Item No 4.3, Page 13) 1 x 57.00 x 0.75 x 0.10 = 4.28 <u>4.28 Cum</u>						
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (PWD SR 2018-19, Item No 5.6, Page 25) 1 x 57.00 x 0.60 x 0.60 = 20.52 <u>20.52 Cum</u>						
4	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 course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (PWD SR 2018-19, Item No 5.9, Page 25) 1 x 57.00 x 0.45 x 0.60 = 15.39 <u>15.39 Cum</u>						
8	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PWD SR 2018-19, Item No 4.7, Page 13) Coping 1 x 57.00 x 0.45 x 0.05 = 1.28 <u>1.28 Cum</u>						


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

A WIDE
HORIZON OF
OPPORTUNITIES

Ref.No.: MITK/CV/CW/2020-21/KRIDL/03/003

Date:08/03/2021

INSPECTION/ WORK COMPLETION REPORT

1	Name of the Department	KRIDL UDUPI
2.	Name of the Work/ Scheme	CONSTRUCTION OF BITUMINOUS ROAD FROM KALVINA BAGILU TO MAIN ROAD IN BALKUR.
3	Scheme of the Work	UNDER THE SCHEME OF 5054-GRANT
4	Estimate Cost	Rs. 10,00,000.00/-
5	Administrative Approval No:	
6	Technical Sanction No	81/2020-21 Dtd: 17.07.2020
7	Bill Amount	Rs.10,00,000.00/-
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	18/01/2021
11.	Date of Completion	26/02/2021
12.	Date of the Inspection (Date of Inspection 1 st , 2 nd , 3 rd visit)	28/01/2021, 05/03/2021
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. Board has been installed.
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)

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Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

ಕಾಮಗಾರಿಯ ಹೆಸರು: ಬಳ್ಳಾರಿ ಗ್ರಾಮದ ಕಳುವಿನ ಬಾಗಿಲು ರಸ್ತೆಯಿಂದ ಮುಖ್ಯ ರಸ್ತೆಯವರೆಗೆ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ

Tech 81/2020-21 Dtd: 17.07.2020

ಅಂದಾಜು ಮೊತ್ತ: ರೂ. 10.00 ಲಕ್ಷ

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

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 smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405. WBM Grading 2								
	(PRED SR 2018-19, Page 41 , Item No.4.1(iii))								
	0 - 30	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75	
	30 - 60	1 x	30.00	(3.00 + 2	3.10)	0.075	=	6.86	
	60 - 90	1 x	30.00	(3.10 + 2	3.10)	0.075	=	6.98	
	90 - 120	1 x	30.00	(3.10 + 2	3.10)	0.075	=	6.98	
	120 - 150	1 x	30.00	(3.10 + 2	3.10)	0.075	=	6.98	
	150 - 180	1 x	30.00	(3.10 + 2	3.10)	0.075	=	6.98	
	180 - 210	1 x	30.00	(3.10 + 2	3.10)	0.075	=	6.98	
	210 - 240	1 x	30.00	(3.10 + 2	3.20)	0.075	=	7.09	
	240 - 270	1 x	30.00	(3.20 + 2	3.20)	0.075	=	7.20	
	270 - 300	1 x	30.00	(3.20 + 2	3.10)	0.075	=	7.09	
	300 - 330	1 x	30.00	(3.10 + 2	3.10)	0.075	=	6.98	
	330 - 360	1 x	30.00	(3.10 + 2	3.00)	0.075	=	6.86	
	360 - 375	1 x	15.00	(3.00 + 2	3.00)	0.075	=	3.38	
								87.08 CUM	
	30% For Pothole filling						=	26.12 CUM	

- 3 Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. WBM Grading 3

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

0 - 30	1 x	30.00	(3.00 + 2	3.00)	0.075	=	6.75
30 - 60	1 x	30.00	(3.00 + 2	3.10)	0.075	=	6.86


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Udupi Dist, Karnataka

60 - 90	1 x	30.00	(3.10 + 3.10)	0.075	=	6.98
90 - 120	1 x	30.00	(3.10 + 3.10)	0.075	=	6.98
120 - 150	1 x	30.00	(3.10 + 3.10)	0.075	=	6.98
150 - 180	1 x	30.00	(3.10 + 3.10)	0.075	=	6.98
180 - 210	1 x	30.00	(3.10 + 3.10)	0.075	=	6.98
210 - 240	1 x	30.00	(3.10 + 3.20)	0.075	=	7.09
240 - 270	1 x	30.00	(3.20 + 3.20)	0.075	=	7.20
270 - 300	1 x	30.00	(3.20 + 3.10)	0.075	=	7.09
300 - 330	1 x	30.00	(3.10 + 3.10)	0.075	=	6.98
330 - 360	1 x	30.00	(3.10 + 3.00)	0.075	=	6.86
360 - 375	1 x	15.00	(3.00 + 3.00)	0.075	=	3.38

30% For Pothole filling

87.08 CUM26.12 CUM

- 4 Providing and applying Primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502

(PRED SR 2018-19, Page 53 , Item No.5.1(i))

0 - 30	1 x	30.00	(3.00 + 3.00)	=	90.00
30 - 60	1 x	30.00	(3.00 + 3.10)	=	91.50
60 - 90	1 x	30.00	(3.10 + 3.10)	=	93.00
90 - 120	1 x	30.00	(3.10 + 3.10)	=	93.00
120 - 150	1 x	30.00	(3.10 + 3.10)	=	93.00
150 - 180	1 x	30.00	(3.10 + 3.10)	=	93.00
180 - 210	1 x	30.00	(3.10 + 3.10)	=	93.00
210 - 240	1 x	30.00	(3.10 + 3.20)	=	94.50
240 - 270	1 x	30.00	(3.20 + 3.20)	=	96.00
270 - 300	1 x	30.00	(3.20 + 3.10)	=	94.50
300 - 330	1 x	30.00	(3.10 + 3.10)	=	93.00
330 - 360	1 x	30.00	(3.10 + 3.00)	=	91.50
360 - 375	1 x	15.00	(3.00 + 3.00)	=	45.00

1161.00 CUM

- 5 Providing and applying Tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.

(PRED SR 2018-19, Page 54 , Item No.5.2(iii))

0 - 30	1 x	30.00	(	3.00	+	3.00)	=	90.00
					2			
30 - 60	1 x	30.00	(	3.00	+	3.10)	=	91.50
					2			
60 - 90	1 x	30.00	(	3.10	+	3.10)	=	93.00
					2			
90 - 120	1 x	30.00	(	3.10	+	3.10)	=	93.00
					2			
120 - 150	1 x	30.00	(	3.10	+	3.10)	=	93.00
					2			
150 - 180	1 x	30.00	(	3.10	+	3.10)	=	93.00
					2			
180 - 210	1 x	30.00	(	3.10	+	3.10)	=	93.00
					2			
210 - 240	1 x	30.00	(	3.10	+	3.20)	=	94.50
					2			
240 - 270	1 x	30.00	(	3.20	+	3.20)	=	96.00
					2			
270 - 300	1 x	30.00	(	3.20	+	3.10)	=	94.50
					2			
300 - 330	1 x	30.00	(	3.10	+	3.10)	=	93.00
					2			
330 - 360	1 x	30.00	(	3.10	+	3.00)	=	91.50
					2			
360 - 375	1 x	15.00	(	3.00	+	3.00)	=	45.00
					2			

1161.00 CUM

- 6 Providing and laying Bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504.

(PRED SR 2018-19, Page 54 , Item No.5.3)

0 - 30	1 x	30.00	(	3.00	+	3.00)	0.05	=	4.50
					2				
30 - 60	1 x	30.00	(	3.00	+	3.10)	0.05	=	4.58
					2				
60 - 90	1 x	30.00	(	3.10	+	3.10)	0.05	=	4.65
					2				
90 - 120	1 x	30.00	(	3.10	+	3.10)	0.05	=	4.65
					2				
120 - 150	1 x	30.00	(	3.10	+	3.10)	0.05	=	4.65
					2				
150 - 180	1 x	30.00	(	3.10	+	3.10)	0.05	=	4.65
					2				
180 - 210	1 x	30.00	(	3.10	+	3.10)	0.05	=	4.65
					2				
210 - 240	1 x	30.00	(	3.10	+	3.20)	0.05	=	4.73
					2				
240 - 270	1 x	30.00	(	3.20	+	3.20)	0.05	=	4.80
					2				

270 - 300	1 x	30.00	(3.20 + 3.10)	0.05	=	4.73
300 - 330	1 x	30.00	(3.10 + 3.10)	0.05	=	4.65
330 - 360	1 x	30.00	(3.10 + 3.00)	0.05	=	4.58
360 - 375	1 x	15.00	(3.00 + 3.00)	0.05	=	2.25
						<u>58.05 CUM</u>

- 7 KSRRB M500-18. Providing and laying Semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen

(PWD SR 2018-19, Page 160 , Item No.21.20.2)

0 - 30	1 x	30.00	(3.00 + 3.00)	0.025	=	2.25
30 - 60	1 x	30.00	(3.00 + 3.10)	0.025	=	2.29
60 - 90	1 x	30.00	(3.10 + 3.10)	0.025	=	2.33
90 - 120	1 x	30.00	(3.10 + 3.10)	0.025	=	2.33
120 - 150	1 x	30.00	(3.10 + 3.10)	0.025	=	2.33
150 - 180	1 x	30.00	(3.10 + 3.10)	0.025	=	2.33
180 - 210	1 x	30.00	(3.10 + 3.10)	0.025	=	2.33
210 - 240	1 x	30.00	(3.10 + 3.20)	0.025	=	2.36
240 - 270	1 x	30.00	(3.20 + 3.20)	0.025	=	2.40
270 - 300	1 x	30.00	(3.20 + 3.10)	0.025	=	2.36
300 - 330	1 x	30.00	(3.10 + 3.10)	0.025	=	2.33
330 - 360	1 x	30.00	(3.10 + 3.00)	0.025	=	2.29
360 - 390	1 x	15.00	(3.00 + 3.00)	0.025	=	1.13
						<u>29.03 CUM</u>

- 8 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 2018-19, Page No.37 Item No.3.14)

$$2 \times 375.00 \times 0.45 \times 0.075 = 25.31$$

25.31 cum