

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st	On	A/c	bill		

Name of Work:- NH 82 Jirain Onda

Path, Chakdin More To Molna Bishe

Agency :- Dec Pak Kumar

Agreement No. :- MBD-01/2024-25

Date of Commencement :- 27-08-2024

Date of Completion :- 26-05-2025

MEASUREMENT

① Clearing and Grubbing Road Land

----- do ----- do -----

$$2 \times 10 \times 30.00 \times 1.00 = 600 \text{ m}^2$$

$$2 \times 10 \times 30.00 \times 1.00 = 600 \text{ m}^2$$

$$2 \times 10 \times 30.00 \times 1.00 = 600 \text{ m}^2$$

$$2 \times 1 \times 27.00 \times 1.00 = 54 \text{ m}^2$$

$$\text{Total Quantity} = 1854 \text{ m}^2$$

$$\text{In HA, } 1854/10000 = 0.1854 \text{ HA}$$

② Dismantling of Existing RCC

----- do ----- do -----

$$1 \times 8 \times 3.75 \times 0.18 = 5.40 \text{ m}^3$$

$$1 \times 5 \times 3.75 \times 0.18 = 3.37 \text{ m}^3$$

$$1 \times 12 \times 3.75 \times 0.18 = 8.10 \text{ m}^3$$

$$16.87 \text{ m}^3$$

21/09/24
T.S

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	H	
BF					16.87 m ³
1x	16x	3.75x	0.18x		10.80 m ³
1x	10x	3.75x	0.18x		5.40 m ³
1x	12x	3.05x	0.18x		6.58 m ³
1x	12x	3.80x	0.18x		8.21 m ³
1x	6x	4.0x	0.18x		3.67 m ³
1x	10x	2.70x	0.18x		5.22 m ³
1x	15x	3.60x	0.18x		9.72 m ³
1x	20x	3.65x	0.18x		13.14 m ³
1x	6x	3.40x	0.18x		5.67 m ³
1x	9x	3.75x	0.18x		6.08 m ³
1x	3x	3.75x	0.18x		2.03 m ³
1x	7x	3.75x	0.18x		4.73 m ³
1x	14x	3.75x	0.18x		9.45 m ³
1x	3x	3.50x	0.18x		1.89 m ³
1x	5x	3.70x	0.18x		3.33 m ³
1x	13x	3.25x	0.18x		8.78 m ³
1x	8x	3.75x	0.18x		5.40 m ³
1x	3x	3.60x	0.18x		1.94 m ³
1x	10x	3.95x	0.18x		6.75 m ³
1x	9x	3.65x	0.18x		5.91 m ³
Total Qty =					139.57 m ³

③ PV/laying and compacting NBM-M

do	do	do	do	do
10x	3.70x	0.075x		2.77 m ³
5x	3.75x	0.075x		1.40 m ³
8x	3.75x	0.075x		2.25 m ³
8x	3.75x	0.075x		2.53 m ³
				9.95 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
BF					8.95 m ³
		12	3.75	0.075	3.37 m ³
		5	3.83	0.075	1.43 m ³
		18	3.75	0.075	5.06 m ³
		16	3.75	0.075	4.50 m ³
		5	3.45	0.075	1.29 m ³
		14	3.60	0.075	3.78 m ³
		19	3.65	0.075	5.20 m ³
		17	2.90	0.075	3.70 m ³
		6	3.40	0.075	1.53 m ³
		9	3.60	0.075	2.56 m ³
		4	3.55	0.075	1.06 m ³
		12	3.05	0.075	2.74 m ³
		10	3.00	0.075	2.25 m ³
		3	3.40	0.075	0.76 m ³
		8	3.60	0.075	2.16 m ³
		4	3.25	0.075	1.12 m ³
					Total Qty = 51.46 m ³

④ Construction of Panel concrete Pavement

(M30)	
----- do ----- do ----- do	
11 x $\frac{6.0 + 5.50 + 3.75}{3} \times 0.125$	6.99 m ³
27 x $\frac{3.75 + 3.70}{2} \times 0.125$	12.57 m ³
76 x $\frac{6.0 + 6.30 + 6.20}{3} \times 0.125$	5.86 m ³
30 x 3.75 x 0.125	14.06 m ³
9 x 3.75 x 0.125	4.21 m ³
21 x $\frac{2.75 + 4.50 + 3.75}{3} \times 0.125$	10.5 m ³
	54.19 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					54.19 m ³
22 x		$\frac{3.75 + 5.20}{2}$		$\times 0.125 =$	12.31 m ³
18 x		$3.75 \times 0.125 =$			8.44 m ³
20 x		$\frac{3.75 + 5.10 + 3.75}{3}$		$\times 0.125 =$	10.50 m ³
30 x		$3.75 \times 0.125 =$			14.06 m ³
13 x		$3.75 \times 0.125 =$			6.09 m ³
18.2 x		$\frac{6.10 + 4.95 + 4.35}{3}$		$\times 0.125 =$	11.68 m ³
14 x		$\frac{4.35 + 3.75}{2}$		$\times 0.125 =$	7.09 m ³
30 x		$3.75 \times 0.125 =$			14.06 m ³
7 x		$3.75 \times 0.125 =$			3.28 m ³
20.4 x		$\frac{4.30 + 4.10 + 3.50}{3}$		$\times 0.125 =$	10.12 m ³
11 x		$\frac{2.90 + 3.10}{2}$		$\times 0.125 =$	4.13 m ³
6 x		$\frac{3.55 + 4.20 + 3.40}{3}$		$\times 0.125 =$	2.84 m ³
23 x		$\frac{3.60 + 5.60 + 3.75}{3}$		$\times 0.125 =$	10.49 m ³
25 x		$\frac{3.75 + 4.00}{2}$		$\times 0.125 =$	12.11 m ³
29 x		$\frac{4.00 + 3.65}{2}$		$\times 0.125 =$	13.87 m ³
8 x		$\frac{3.65 + 3.75}{2}$		$\times 0.125 =$	3.7 m ³
17 x		$\frac{4.65 + 3.75 + 3.15}{3}$		$\times 0.125 =$	8.39 m ³
3 x		$2.90 \times 0.125 =$			1.09 m ³
6.30 x		$\frac{3.75 + 2.60 + 3.35}{3}$		$\times 0.125 =$	2.81 m ³
3 x		$\frac{6.35 + 2.95}{2}$		$\times 0.125 =$	1.74 m ³
18.40 x		$\frac{4.0 + 3.45 + 2.70}{3}$		$\times 0.125 =$	7.78 m ³
5 x		$\frac{3.15 + 3.20}{2}$		$\times 0.125 =$	1.98 m ³
28 x		$\frac{3.00 + 3.05 + 2.8 + 2.90}{4}$		$\times 0.125 =$	10.28 m ³
16 x		$\frac{3.15 + 3.50}{2}$		$\times 0.125 =$	6.65 m ³
10 x		$\frac{2.50 + 4.0 + 2.70}{3}$		$\times 0.125 =$	4.25 m ³
11.5 x		$\frac{3.75 + 5.30 + 3.10}{3}$		$\times 0.125 =$	8.70 m ³
					252.63 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	13f				252.63 m ³
	25x	$\frac{5+4.90+3.75}{3}$		x0.125	14.22 m ³
	30x	$\frac{3.75+3.90}{2}$		x0.125	14.34 m ³
	21x	$\frac{3.75+5.90}{2}$		x0.125	10.04 m ³
	21x	$\frac{3.90+4.40+3.75}{3}$		x0.125	10.54 m ³
	12x	$\frac{3.75+4.40+4.20}{3}$		x0.125	6.17 m ³
	21x	$\frac{4.10+3.90+3.75}{3}$		x0.125	10.28 m ³
	30x	$\frac{3.75+3.75}{2}$		x0.125	14.06 m ³
	30x	$\frac{3.75+3.75}{2}$		x0.125	14.06 m ³
	30x	$\frac{3.75+3.75}{2}$		x0.125	14.06 m ³
	18x	$\frac{3.75+3.75}{2}$		x0.125	8.44 m ³
	25x	$\frac{4.10+5.05+3.75}{3}$		x0.125	15.05 m ³
	30x	3.75		x0.125	14.06 m ³

23x	$\frac{3.75}{1}$		x0.125	= 10.78 m ³
22x	$\frac{3.75+4.60+3.75}{3}$		x0.125	= 11.09 m ³
19x	$\frac{4.30+3.50}{2}$		x0.125	= 9.26 m ³
21x	$\frac{3.50+3.45+3.95}{3}$		x0.125	= 9.54 m ³
17.5x	$\frac{4.70+3.95+3.90}{3}$		x0.125	= 9.15 m ³
10.1x	$\frac{3.75+3.60+3.75}{3}$		x0.125	= 4.67 m ³
Total Qty =				452.44 m ³

⑤ construction of subgrade & earthen shoulder

--- do --- do --- c/i

2x30x0.7x0.3	= 12.60 m ³
2x30x0.7x0.3	= 12.60 m ³
2x15x0.7x0.3	= 6.30 m ³
2x10x0.7x0.3	= 4.20 m ³
2x12x0.7x0.3	= 5.04 m ³

40.74 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					40.74 m ²
2 x 15 x 0.7 x 0.3 =					6.3 m ³
2 x 30 x 0.7 x 0.3 =					12.60 m ³
2 x 20 x 0.7 x 0.3 =					8.40 m ³
2 x 25 x 0.7 x 0.3 =					10.50 m ³
2 x 18 x 0.7 x 0.3 =					7.56 m ³
2 x 22 x 0.7 x 0.3 =					9.24 m ³
2 x 8 x 0.7 x 0.3 =					3.36 m ³
2 x 5 x 0.7 x 0.3 =					2.10 m ³
2 x 24 x 0.7 x 0.3 =					10.08 m ³
2 x 8 x 0.7 x 0.3 =					3.36 m ³
2 x 7 x 0.7 x 0.3 =					2.94 m ³
Total Qty =					117.18 m ³

⑥ P/v Fixing RCC M15 K.M Stone

---- do ---- do ---- e/i

1 x 1.00 No = 1.00 No

⑦ P/v Fixing RCC M15 200 m Stone

1 x 3.00 No = 3.00 No

⑧ P/v Fixing Retro-Reflectorised 600 mm Equilateral Triangle

---- do ---- do ---- e/i

1 x 5.00 No = 5.00 No

⑨ P/v Fixing Retro-Reflectorised 600 mm Circular

---- do ---- do ---- e/i

1 x 1.00 No = 1.00 No

Continuation

Continuation

Particulars	Details of actual measurements			Contents of area
	No.	L	B	

ABSTRACT OF COST

① Clearing and grubbing of Road land

do do do

0.1854 HA VTMB P — 01

@ Rs 76326.00/HA Rs = 142627/-

② Dismantling of existing P.C.C

do do do

139.57 m² VTMB P — 02

@ Rs 687.10/m² Rs = 3581000/-

③ P/V laying and compacting of WBM III

do do do

51.46 m³ VTMB P — 03

@ 302494 /m³ Rs 155663/-

④ Construction of rigid concrete Pavements (M20)

do do do

452.44 m³ VTMB P — 05

@ 8788.57/m³ Rs 3976301/-

⑤ Construction of subgrade & Earthwork Shoulder

do do do

117.18 m³ VTMB P — 04

@ 264.51/m³ Rs 30995.00/-

Rs 4273131.00/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF				R ₃	4273131.00
⑥ P/v Fixing R.C.C M15 Km stone					
--- do --- do --- e/i					
VTMB			P	0.6	
1.00 NO @ Rs 2759.57					Rs 2759.57/-
⑦ P/v Fixing R.C.C M15 200mm stone					
--- do --- do --- e/i					
VTMB			P	0.6	
3.00 NO @ Rs 795.40					Rs 2386.00/-
⑧ P/v Fixing Retro-Reflectorised 600mm Equilateral triangle					
--- do --- do --- e/i					
VTMB			P	0.6	
5.00 NO @ Rs 4408.78					Rs 22044/-
⑨ P/v Fixing RetroReflectorised 600 mm Circular					
--- do --- do --- e/i					
VTMB			P	0.6	
1.00 NO @ Rs 4251.09					Rs 4251.09/-
⑩ P/v Road Marking with not applied Thermoplastic Compound					
--- do --- do --- e/i					
185.4m ² VTMB			P	0.7	
@ Rs 1005.95/m ²					Rs 186503/-
					Rs 4491075.00/-

Continuation

102
01/10/24 B- 5830654-

10

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
BF					Rs 4491075/-
(1) construction of CD work (irrigation conduit)					200mm
do					cf.
(1 No.) 7.50m VTMB			P	07	
@ 7577.70					Rs 7577.70/-
1010.36					
(12) P/V fixing Logo maintenance work					
do					cf.
1 No. VTMB			P	07	
@ 11521.53					Rs 11521.53/-
(13) P/V Fixing of Citizen Information Board					
do					cf.
1 No. VTMB			P	07	
@ 11521.53					Rs 11521.53/-
					Rs 45216950/-
Add Labour cost @ 1%					Rs 45217.00/-
Add GST @ 18%					Rs 813905.00/-
Add Selgmange fee @ 10%					Rs 9326.00/-
					Rs 5832987.00/-
					5390143.00/-
Less below 6.04% as per agm.					Rs 2333.00/-
					2156.05
					Rs 5830654.00/-
					Rs 5387,986.95
					5387987/-
					4519887/-
					813580/-
					45199/-
					9321/-
					5387987/-

Monish K
21/09/2024
TS

Monish K
21/9/24
AE

CSP
11/10/24
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

MATERIAL STATEMENT

① WBM Gr-III

- S-metal = 62.27m³- Screening = 12.35m³

② CC Pavement

- Stone Aggregate = 407.19m³- L sand = 203.59m³③ E/O = 117.18m³

W. Jindal
9/10/2024
TS

1st on all CB!!

SV. SD R/- 269399=

H. I.T. R/- 45199=

H. Leds R/- 45199=

H. Qust R/- 45199=

550931=

H. Cus R/- 45199=

Royalty R/- 91410=

L.ice. R/- 9326=

Cheque R/- 4837055=

Gross R/- 5382987=

Passed for R/- 5382987= (Fully

three lac. eighty seven thousand

nine hundred eighty seven only)

TS
3/10/24

TS
3/10/24

2024 1003 018219

① Construction of Subgrade & Fatten shoulder

--- do --- do --- e/s

$2 \times 30 \times \frac{0.6 + 0.7}{2} \times 0.3$	$= 11.7 \text{ m}^3$
$2 \times 24 \times \frac{0.65 + 0.7}{2} \times 0.3$	$= 9.72 \text{ m}^3$
$2 \times 10 \times \frac{0.5 + 0.7}{2} \times 0.3$	$= 3.6 \text{ m}^3$
$2 \times 15 \times \frac{0.55 + 0.65}{2} \times 0.3$	$= 5.4 \text{ m}^3$
$2 \times 30 \times \frac{0.65 + 0.7}{2} \times 0.3$	$= 12.15 \text{ m}^3$
$2 \times 20 \times \frac{0.6 + 0.7}{2} \times 0.3$	$= 7.8 \text{ m}^3$
$2 \times 13 \times \frac{0.65 + 0.7}{2} \times 0.3$	$= 5.26 \text{ m}^3$
$2 \times 12 \times \frac{0.5 + 0.65}{2} \times 0.3$	$= 4.14 \text{ m}^3$
$2 \times 30 \times \frac{0.64 + 0.68}{2} \times 0.3$	$= 11.88 \text{ m}^3$
$2 \times 18 \times \frac{0.65 + 0.7}{2} \times 0.3$	$= 7.29 \text{ m}^3$
$2 \times 11 \times \frac{0.45 + 0.65}{2} \times 0.3$	$= 3.63 \text{ m}^3$
$2 \times 30 \times \frac{0.45 + 0.62}{2} \times 0.3$	$= 9.63 \text{ m}^3$
92.2 m³	

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
BF					72.20m ³
2x14x		$\frac{0.55+0.7}{2}$		x0.3 =	5.25m ³
2x7x		$\frac{0.45+0.65}{2}$		x0.3 =	2.31m ³
2x15x		$\frac{0.62+0.7}{2}$		x0.3 =	5.94m ³
2x30x0.7				x0.3 =	12.6m ³
2x24x0.7				x0.3 =	10.08m ³
2x22x0.7				x0.3 =	9.24m ³
2x15x0.7				x0.3 =	6.30m ³
2x11x0.7				x0.3 =	4.62m ³
2x14x0.7				x0.3 =	5.88m ³
2x28x0.7				x0.3 =	11.76m ³
2x30x		$\frac{0.62+0.7}{2}$		x0.3 =	11.88m ³
2x11x		$\frac{0.45+0.6}{2}$		x0.3 =	3.46m ³
					181.6m ³

② P/V fixing R.C. Mis Km stone

--- do --- do --- e/i

1 x 1.00 NO = 1.00 NO.

③ P/V fixing R.C. Mis 200 m stone

--- do --- do --- e/i

1 x 1.00 NO = 1.00 NO.

④ P/V fixing Retro-Reflectorised 600 mm

Equilateral triangle

--- do --- do --- e/i

1 x 2.00 NO = 2.00 NO.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ P/v fixing Retro-Reflectorised 600mm Circular					
----- do -----			do	----- c/s	
			1 X 1.00 No		1.00 No.
⑥ P/v fixing Retro-Reflectorised 600mm x 450mm Rectangular					
----- do -----			do	----- c/s	
			1 X 1.00 No		1.00 No.
⑦ Printing New letter and figure					
----- do -----			do	----- c/s	
			2 X 44.00		88.00 c/s
⑧ P/v fixing 'Logo' of Project					
----- do -----			do	----- c/s	
			1 X 2.00 No		2.00 No.
⑨ P/v fixing of Citizen Information Board					
----- do -----			do	----- c/s	
			1 X 1.00 No		1.00 No.
Manjathai 21/10/24 T.S					
Manjathai 21/10/24 A.E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① Construction of subgrade & Earthen shoulder					
--- do ---			do	e/i	
VTMB --- P ---			13	and P-06	
181.6 m ³ @ 264.51/m ³					Rs 48,035.01
+ 117.18 m ³					Rs 30,995.28
298.78 m ³					Rs 79030.29
② P/V Fixing R.C.C M15 Kms stone					
--- do ---			do	e/i	
1.00 NO VTMB --- P ---			13		
@ 2759.57					Rs 2759.57
1.00 NO VTMB --- P ---			09		
@ 2759.57					Rs 2759.57
					Rs 5519.14
③ P/V Fixing R.C.C M15 200 m stone					
--- do ---			do	e/i	
1.00 NO VTMB --- P ---			13		
@ 795.4					Rs 795.41
3.00 NO VTMB --- P ---			09		2386.00/-
@ 795.4					Rs 3181.41/-
④ P/V Fixing Retro-Reflectors 600mm Equilateral triangle					
--- do ---			do	e/i	
2.00 NO VTMB --- P ---			13		
@ 4408.78					Rs 8817.54
5.00 NO VTMB --- P ---			09		22044.1/-
@ 4408.78					Rs 30861.581/-
⑤ P/V Fixing Retro-Reflectors 600mm Circular					
--- do ---			do	e/i	
					Rs 118592.38

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	H	
BF					Rs 1,77,355=00
(10) Clearing and grubbing of land					
do do do all comp					
VTMB		P		01	
0.185449 @ Rs 76926.08					Rs 14262=00
(11) Dismantling of Existing P.C.					
do do do all comp					
VTMB		P		02	
139.57m ³ @ 687.18/m ³					Rs 95310=00
(12) P/V laying and compacting of WBM-III					
do do do e/i					
VTMB		P		03	
51.46m ³ @ 3024.94/m ³					Rs 155663=00
(13) Construction of Panel concrete Pavement (M30)					
do do do e/i					
VTMB		P		05	
452.44m ³ @ 8788.57/m ³					Rs 3976301=00
(14) P/V Road marking with hot Applied Thermoplastic compound					
do do do e/i					
VTMB		P		07	
185.4m ² @ 1005.95/m ²					Rs 186503/-
					Rs 460599/-

Continuation

4605994=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Material Statement

1) E/w $117.18m^3$
 $+ 181.60m^3$
 $298.78m^3$

21/10/2024
 T.S.

2nd & Final Bill

6190=

S.A. & D. Rs. 5168=

1% T.T. Rs. 1034=

1% L-act Rs. 1034=

1% Cust Rs. 1034=

1% Inst Rs. 1034=

2. fee Rs. 805=

Royalty Rs. 5992=

Cheque Rs. 106676=

10028 Rs. 123800=

Processed for Rs. 123800= (One
 lac twenty three thousand
 eight hundred Only)

Executive Engineer
 Rural Work Department

28/10/24 Work Division, Bithur

Ref.

2024/103 015920

Continuation