

HEAD - 3054/MR. [Ledger ID - 7069]

PACKAGE NO - MR-N/23-24/Simre Balchayan pur -

Name of work:- Khomoulti Panahat MH-107
Blaise Chowk To SH Road.

Schedule XLV-Form No.-134

R.W.D. works DIVISION
Simre Balchayan pur

R.W.D. works SUB-DIVISION
Simre Balchayan pur

MEASUREMENT BOOK

951

Agency -> M/s Dejay / Amar Singh 951

1st on A/c Bill

1

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.	
N/W - Khamhauti Panchayat					
NH 107 Bhaika Chowk to					
S.H Road					
Name of Agency: M/s Bijay					
Kumar Singh					
Agreement No: 06 MBD 2024-25					
Date of start: 28.08.2024					
Date of completion: 27.05.2025					
Record Measurement 27.10.2024					
Item 1/1. Clearing & grabbing road					
land (By manual means)					
including uprooting wild					
Vegetation - do-do - E/I					
2 x 10 x 30 x 1.00				=	600 m ²
2 x 10 x 30 x 1.00				=	600 m ²
2 x 10 x 30 x 1.00				=	600 m ²
2 x 6 x 30 x 1.00				=	360 m ²
					2160 m ²
				=	2160 = 0.216
					10000 Ha

Continuation (x 0.22 Ha)



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 2/3	Construction of GSB by providing well graded material - do-do-Ts				
	3 x 7 x	1.3 x	0.175 =		4.78 m ³
	1 x 4.2 x	1 x	0.175 =		0.74 m ³
	2 x 2.4 x	1 x	0.175 =		0.84 m ³
	4 x 4.3 x	1.2 x	0.175 =		3.61 m ³
	6 x 6.8 x	0.9 x	0.175 =		6.43 m ³
	3 x 4.3 x	1.2 x	0.175 =		2.71 m
	2 x 2.6 x	1.5 x	0.175 =		1.37 m
	4 x 4.4 x	1.8 x	0.175 =		3.08 m ³
	1 x 6.6 x	1.4 x	0.175 =		1.62 m ³
	3 x 4.4 x	1.3 x	0.175 =		3.00 m ³
	6 x 2.8 x	1 x	0.175 =		2.94 m ³
	1 x 3.8 x	1.3 x	0.175 =		0.86 m ³
	1 x 5.6 x	1.4 x	0.175 =		1.37 m ³
	3 x 4.4 x	1.2 x	0.175 =		2.77 m ³
	1 x 2.3 x	0.9 x	0.175 =		0.36 m ³
	4 x 6.1 x	1.1 x	0.175 =		4.7 m ³
					41.18 m ³
					Qty limit to 41.17 m ³
Remarks					
24/10/2019					
Jr					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Measurement</u>					
Date of Measurement: 01/11/2019					
Item 3/3: Providing, laying, spreading and compacting stone aggregates of specific					
stone - do - do - f.s					
</					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 x 3.1 x 1.3					0.6 m ³
4 x 4.9 x 1.6					2.35 m ³
1 x 7.1 x 1.1					0.59 m ³
					30.74 m ³
					Limit - 30.72

Handwritten signature: *Handwritten*
 Date: 01/11/2024
 Initials: JE

Record Measurement

Date of Measurement - 02.01.2021

Item 415 - Providing laying spread,
and compacting stone
aggregate of specific size
for WBM Gr III - do-do - T/S

	3 x	7.4 x	1.5 x	0.075 = 2.5
	1 x	4.4 x	1.2 x	0.075 = 0.4
	2 x	2.6 x	1.2 x	0.075 = 0.47
	4 x	4.5 x	1.4 x	0.075 = 1.89
	6 x	7.2 x	1.1 x	0.075 = 3.56
	3 x	4.5	1.4 x	0.075 = 1.42
	2 x	2.8 x	1.7 x	0.075 = 0.71

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4	4.6	1.2	0.075	1.66 m ³
	1	7	1.6	0.075	0.84 m ³
	3	4.6	1.5	0.075	1.55 m ³
	6	3	1.2	0.075	1.62 m ³
	1	4	1.5	0.075	0.45 m ³
	1	6	1.6	0.075	0.72 m ³
	3	4.6	1.4	0.075	1.45 m ³
	1	2.5	1.1	0.075	0.21 m ³
	4	6.5	1.3	0.075	2.54 m ³
	2	3	1.2	0.075	0.54 m ³
	4	4.9	1.2	0.075	1.76 m ³
	6	7.5 1.4	1.4	0.075	4.73 m ³
	3	4.9	1.1	0.075	1.21 m ³
	2	3.2	1.4	0.075	0.67 m ³
	4	5	1.7	0.075	2.55 m ³
	1	7.3	1.2	0.075	0.66 m ³
	2	2.6	1.2	0.075	0.47 m ³
	4	4.5	1.4	0.075	1.89 m ³
In proposed PCC Area	3	7.2	1.2	0.075	(A) = 1.3642 m ³ = 1.78 m ³
	3	1.5	1.4	0.075	0.47 m ³
	1	2.8	1.7	0.075	0.36 m ³
	4	4.6	1.2	0.075	1.66 m ³
	3	7	1.6	0.075	2.52 m ³
	1	4.6	1.5	0.075	0.52 m ³
	6	3	1.2	0.075	1.62 m ³
	4	4	1.5	0.075	1.8 m ³

Continuation

Record measurement.

Date of Measurement 11/1/2019

Item 2/6 Providing & applying primer coat - do - do - T/S

Qty of area of WBM Gr III in Bt portion vide

TMB p(5) - (A)

$$36.47 \text{ m}^3 / 0.075 = 486.27 \text{ m}^2$$

$$\text{Qty limit to } 486.06 \text{ m}^2$$

Item 2/7. Providing & applying tack coat - do - do - T/S

$$\frac{12 \times 846.5}{2} = 87 \text{ m}^2$$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5x	$\frac{6.5 + 5.5 + 3.75}{3}$			$= 26.25 m^2$
	13x	3.75			$= 48.75 m^2$
	15x	3.75			$= 56.25 m^2$
	15x	$\frac{3.75 + 6}{2}$			$= 73.125 m^2$
	20x	$\frac{6.0 + 3.75}{2}$			$= 97.5 m^2$
	5x	30x	3.75		$= 562.5 m$
	5x	30x	3.75		$= 562.5 m^2$
	5x	30x	3.75		$= 562.5 m^2$
	4x	30x	3.75		$= 450 m^2$
	1x	30x	$\frac{3.75 + 12}{2}$		$= 236.25 m$
					$= 2762.63$
					Qty = 2575.50
					Limit

Item 7/8. providing & laying SDBC
do-do-TIS

Qty of SDBC

= Qty of back coat

vide TMBP (7) X 0.025

= $2575.50 \times 0.025 = 64.39 m^3$

Monorail

11/11/2017
S K

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement					
Date of Measurement - 29/12/2024					
Item 1/14 providing & fixing					
of typical masonry					
informative sign board					
do do T/S 4 Nos.					

Removal
29/12/2024
S.E.

Record Measurement					
Date of Measurement - 05/12/2024					
Item 1/24 Brick Masonry					
work in Parapet					
do-do-T/S					
$6.1 \times 0.4 \times 0.6 = 1.464 m^3$					
cancel $2 \times 8.1 \times 0.4 \times 0.25 =$					
$2 \times 0.4 \times 0.35 = 0.28 m^3$					
$= 1.74 m^3$					
Item 2/23 Plastering with					
cement mortar on					
Brick work-do-do					
T/S					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Side Face =	4	7.3	0.6		$= 17.52 \text{ m}^3$
Top =	2	7.3	0.4		$= 5.84 \text{ m}^3$
Front Face =	4	0.4	0.6		$= 0.96 \text{ m}^3$
Side Face =	3	4	8.1	0.6	$= 58.44$
					58.32 m^3
TOP =	3	2	8.1	0.4	$= 19.44 \text{ m}^3$
Front Face =	3	4	0.4	0.6	$= 8.46 \text{ m}^3$
					2.98
					104.24 m^3
Item 2/11.	RCC	MIS	Kilometre		104.96 m^3
	Stone	&	Local Stone		
	do-do	-	T/S		
	I) km stone				$= 1 \text{ Nos.}$
	II) 200 m stone				$= 4 \text{ Nos.}$
Item 3/12	Retro-reflectors				
	Traffic signs	-	do-do		
	-T/S				
	1 x 2	2 x 0.8			$= 0.96 \text{ m}^2$
Item 4/13	Providing & fixing				
	r/r cautionary,				
	mandatory &				
	informatory sign				
	board	-	do-do	-T/S	
	I) 600 mm rectangular				$= 6 \text{ Nos.}$
	& triangular				
	II) 600 mm circular				$= 2 \text{ Nos.}$
	III) 600 mm x 450 mm				
	rectangular				$= 2 \text{ Nos.}$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iv) 900 mm side =					2 Nos.
octagonal					
Item 5/15. Providing & laying					
of hot applied					
thermo plastic					
compound - do - do - T/S					
I) At the edge of B.T.F					
portion					
$2 \times 22 \times 30 \times 0.1 =$					132
$2 \times 20 \times 0.1 =$					4
					<u>136 m</u>
II At the edge of					
pedestrian crossing					
$2 \times 6 \times 0.5 \times 2 =$					12 m ²
III At the edge of					
PCC portion					
$2 \times 13 \times 30 \times 0.1 =$					78 m ²
$2 \times 10 \times 0.1 =$					2 m ²
					<u>80 m²</u>
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5/12/24					
OR					

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Khamhaufi Panchayat					
NH107 Bhairachawak to SH Road .					
Name of Agency - M/S Bijay Kumar Singh					
Agreement No - O.G.MBD 2024-25					
Date of Start - 28/08/2024					
Date of Completion - 29/05/2025					
Date of Entry - 5/12/2024					
Item 1/1. Clearing & grubbing					
- do - do TL					
6.22 Ha Qty VTB P-1					
(a) R 76926.08/Ha 16923.75					
Item 2/3 Construction of					
G.S.B - do - do TL					
41.17 M ³ Qty VTB P-2					
(a) R 2370.61/M ³ 97598.01					
Item 3/4 P.V., laying &					
spreading Stone aggregate to W.B.M					
Gr II - do - do TL					
30.72 M ³ Qty VTB P-4					
(a) R 5085.30/M ³ 156220.41					
Item 4/5 P.V., laying &					
spreading Stone aggregate to W.B.M Gr III					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
- do - do - TL					
48.20 m ³ Qty VTMBP (6)					
① Rs 4899.53/m ³					236160.29
Item 5/6 P/V & settling					
former cont - do					
- do - TL					
48200 m ² Qty VTMBP (6)					
① Rs 57.26/m ²					27831.80
Item 6/7 P/V & appx					
back coat - do - TL					
2575.50 m ² Qty VTMBP (7)					
① Rs 19.67/m ²					50660.05
Item 7/8 providing and					
laying SDB					
- do - do - TL					
64.39 m ³ Qty VTMBP (8)					
① Rs 13544.53/m ³					872132.29
Item 8/9 Construction of					
DLC - do - TL					
3.38 m ³ Qty VTMBP (8)					
① Rs 5401.96/m ³					18258.62
Item 9/11 RCC M 5 grade					
km stone & local					
stone - do - TL					
(i) km stone					
1 No. Qty VTMBP (10)					
① Rs 3062.42/m ³					3062.42

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) 200 mm Stone					
4 Nos. Qty VTM B P (10)					
✓ @ Rs 840.33/m →					3361.32 ✓
Item 10/12 P/R Cantenary					
mandatory sign					
board do do TL					
(i) 600 mm equilateral					
& triangle					
6 Nos. Qty VTM B P (10)					
✓ @ Rs 4512.72/m →					27076.32 ✓
(ii) 600 mm Circular					
2 Nos. Qty VTM B P (10)					
✓ @ Rs 4355.07/m →					8710.08 ✓
(ii) 600 mm X 450 mm					
rectangular					
2 Nos. Qty VTM B P (10)					
✓ @ Rs 4210.51/m →					8421.02 ✓
(ii) 900 mm Side octagonal					
2 Nos. Qty VTM B P (11)					
✓ @ Rs 8679.87/m →					17359.74 ✓
Item 11/12 P/R traffic					
sign - p/v & erecting					
do do TL					
0.96 m ² Qty VTM B P (10)					
✓ @ Rs 15096.82/m ² →					14492.95 ✓
Item 12/15 P/V & sign					
not applied					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Thermoplastic					
Asphalt - do - do					
TL					
(i) All the edge of					
BT					
136.20 m ² qty VTMBP - (11)					
(a) 886.50/m ² →					120564.2
ii) pedestrian Gully					
12 m ² qty VTMBP - (11)					10638.00
(a) 886.50/m ² →					10638.00
9mm 13/16 P/v & fixing					10638.00
of typical masonry					
information 15/32					

board - do - do TL					
4 m ² qty VTMBP - (9)					
(a) 11728.21/m ² →					46912.84
steels/22 Brick masonry					
work in (C.M 1:4) - do					
→ do TL					
1.74 m ³ qty VTMBP - (9)					
(a) 6233.01/m ² →					10845.44
steels/23 plastering with					
Cement mortar					
(1:4) in brick					
110.24 m ² qty VTMBP - (10)					
(a) 236.98/m ² →					26124.68
					1773354.02

Continuation

Material Statement	
(i) 26.5 to 9.5 mm = 18.44 m ³	
(a) 901.44 / m ³	→
(ii) 9.5 mm to 2.36 mm = 13.19 m ³	
(a) 429.97 / m ³	→
(iii) Local Sand = 21.08 m ³	
(a) 144.75 / m ³	→
(iv) 63 mm to 45 mm = 37.17 m ³	
(a) 992.33 / m ³	→
(v) Stone screening = 19.76 m ³	
(a) 901.46 / m ³	→
(vi) Mortar = 2.46 m ³	
(a) 161.62 / m ³	→

Alt-4473220 letter $\frac{122}{20.11.24}$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(VII) 9.5 mm to 4.75 mm					
= 53.81 m ³					
@ 595-16/m ³					
(VIII) 4.75 - below = 38.58 m ³					
@ 429.97/m ³					
(IX) Filler = 2.85 m ³					
@ 3000.00/m ³					
(X) Brick - 870 m ³					
@ 5.13/m ³					
(XI) C. Sand = 2.02 m ³					
@ 502.80/m ³					
Manually estimated 512/24					

Memo of 1st on A/call
 01 work done value Rs - 182405220
 11/12/24 previous day Rs 0.00
 Sch. XLV-Form No. 134
 Balance - 182405023

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
18% 687 @		154584.00		
5% 50 Rs -		9120320		
2% 9400 Rs -		3488220		
1% 8655 Rs -		1545920		
1% 6655 Rs -		1545920		
1% 6655 Rs -		1824120		
Royalty Rs -		192420		
Stee Rs -		1175120		
Total Reducton -		190519200		
By Cams Rs -		163353320		
Grand Total -		182405220		
Passed by Rs		182405220		last day
honor twenty four		710459298		

firstly two day

88 06/12/24
 Sr. Div Account Officer
 R.W.D. Works Division
 Simri Bakhtiyarpur
 06/12/24
 Executive Engineer
 R.W.D. Works Division
 Simri Bakhtiyarpur
 06/12/24

01
 9/11/24
 9/11/24

2nd and final Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W - Khamhanti Khamhanti					
Panchayat NH 107 Bhaina					
Chowk to SH Road					
Name of Agency - M/s Bijay					
Kumar Singh,					
Agreement No - 06 MBD 2024-25					
Date of Commencement - 28.08.2024					
Date of completion - 27.05.2025					
Item 1/10 Construction of panel					
Concrete - do - do					T/S
1x15x $\frac{3.8+3.15+3.8}{3}$					$125 = 7.69 \text{ m}^3$
1x15x 3.8 x 0.125					7.13 m^3
3x30x 3.8 x 0.125					42.75 m^3
1x20x $\frac{3.8+3.95+3.75}{3}$					$125 = 9.58 \text{ m}^3$
1x30x 3.75 x 0.125					14.06 m^3
1x30x $\frac{3.75+3.85+3.9}{3}$					14.38 m^3
1x30x $\frac{3.9+3.8+3.75}{3}$					14.31 m^3
1x30x 3.75 x 0.125					42.19
1x30x $\frac{3.75+3.85+3.75}{3}$					14.06 m^3
1x30x $\frac{3.75+3.85+3.75}{3}$					14.19 m^3
1x30x $\frac{3.75+3.85+3.75}{3}$					14.19 m^3
Cancel panel 1x20x $\frac{3.75+3.9+3.75}{3}$					14.19
1x20x $\frac{3.75+3.9+3.75}{3}$					9.5 m^3
					189.27 m^3

Continuation



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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	30X	$\frac{0.75+0.4}{2}$	X	2.85	49.16 M ²
	10X	$\frac{0.75+0.4}{2}$	X	2.85	16.37 M ²
					65.55 M ²
	Measure				
	17/12/2017				
	S R				
	Record measurement				
Item 1/19	p/v p/c M 10 in				
	w/ply do & TL				
	30X	0.4	X	0.075	0.9
	10X	0.4	X	0.075	0.3
					1.2 M ²
Item 2/23	plastering work				
	Cement mortar				
	(1:4) - do do TL				
Back for	30X	1.5	X		47.25 M ²
	10X	1.5	X		4.10 M ²
					15.75 M ²
To	30X	0.4	X		12.10 M ²
	10X	0.4	X		4.10 M ²
					79.20 M ²
Item 3/20	p/v Weep hole				
	in brick masonry				
	do	do	T/S		60 RD.
Item 4/24	Measure				
	20/12/2017				
	S R				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record measurement					
Item 4/2 plastering on parapet wall					
do do T/C					
Qty same as Qty of plastering					
79.20 m ² Qty WMB p (21)					
110.24 m ² " " " p (15)					
189.24 m ²					
Item 5/2 construction of subgrade & centre shoulder and T/C					
2x 22x30x0.45+675 = 581.19 m ³					
2x 1x20x0.45+675 = 15.19 m ³					
2x 30x0.3x0.3 = 5.40 m ³					
2x 7x30x0.3x0.3 = 37.80 m ³					
559.58 m ³					
Item 6/4 planting of tree					
do do T/C = 34 Nos					
Handwritten					
9/01/2025					
T.E					

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/P - Khamkani Parcept					
N/1107 Brake clunk					
to SH Road					
Name of Agency - M/S Bajaj					
kurur Singh					
Agreement No. of (M.A.D)	2024-25				
Date of commencement - 28/08/2024					
Date of completion - 27/05/2025					
Actual date of completion - 09/01/2025					
Date of entry 11/01/2025					
Item 1	clearing & grubbing				
road level to 20 TL					
0.22 Ha	Qty	VTM 118 P	(12)		
② 876926.08/Ha					16923.34
Item 2	Construction of				
Sub grade & curbs					
1 m wide					
SS9.587	Qty	VTM			
SS9.58 M ³	Qty	VTM 118 P	(22)		
② 1626472/M ³					148132.02
Item 3	Construction of				
GSB					
41.17 M ³	Qty	VTM 118 P	(12)		
② 2370.61/M ²					97598.01
Item 4	P/V				
spreading base					
aggregates to 100 mm					

(2) also do - 115

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.72 m ³ Qty VTMSP (12)					
✓ (a) 15.08520/m ³					156220.42 ✓
9 km ⁵ P/V Logging, 88 ready					
and compaction 84m					
aggregate 12					
W3M for 112 do do 11.5					
48.12 m ³ Qty VTMSP (13)					
✓ (a) 15.489959/m ³					236160.24 ✓
9 km ⁶ P/V & 281 kg					
primer coat do do 11					
486.06 m ² Qty VTMSP (13)					
✓ (a) 15.5724/m ²					27831.80 ✓
9 km ⁷ P/V & 281 kg					
Table Cont. do do 11					
257550 m ² Qty VTMSP (13)					
✓ (a) 15.19.47/m ²					50660.09 ✓
9 km ⁸ P/V & 281 kg					
SDBL do do 11					
64.39 m ³ Qty VTMSP (13)					
✓ (a) 15.1354458/m ³					872132.29 ✓
9 km ⁹ Construction of DLS					
do do 11					
3.38 m ³ Qty VTMSP (13)					
✓ (a) 15.540174/m ³					18258.62 ✓
9 km ¹⁰ Construction of					
panel concrete					
do do 11					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
110.24 m ² 87 VTM B P (15)					
79.10 m ² " " " " (21)					
189.24 m ²					
183.96 m ² 87 Limit as per agreement					
(a) R 236.98/m ²					43594.84
2724 Brick masonry work (1:3) do d T ₁					
1.74 m ³ 87 VTM B P (15)					
(a) R 6233.01/m ³					10845.44
					4360601.23
Add 18% GST				R	784908.22
Add 1% L. cost				R	43606.01
Add S Fee				B	35400.22
5224515.00					54610.60
- 783155.00					5224515.46
4441360.00					
Less as per agreement (-) 14.99					783156.87
					4441360.60
Less previous payment (-)					4441360.00
2440 R					4441360.00
Less previous payment (-)					1824052.00
					2617309.00
					2617316.00
					2617308.00
11/01/2025 J.E.					
CAD					
11/01/25					

Continuation

2nd 2nd
Memo of 1st A/c Bill

02
22/11/15

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work done value Rs.					4441360=00
Less previous payment Rs.					1824052=00
					Balance → 2617308=00
18% GST @ 84.75% Rs.					2218169.00
5% SD Rs.					130865=00
2% 9/4% Rs.					52347.00
1% SGST Rs.					22182=00
1% CGST Rs.					22182=00
1% C (VAT) Rs.					26174=00
Royalty Rs.					19636=00
Fee Rs.					24198=00
Free MD Rs.					31062=00
Total Deduction					328646=00
By CPMS Rs.					2288662=00
Grand Total Rs.					2617308=00
Passed for Rs. 2617308=00 Twenty Six Lakh Seventy Seven Thousand Three Hundred Eight					
aly.					
8/11/15					
S.M. 20/10/15					
Sr. Div Account Officer	Executive Engineer				
R.W.D. Works Division	R.W.D. Works Division				
Simri Bakhtiyarpur	Simri Bakhtiyarpur				
	30/11/15				
	V.No. 2 27/11/15				

Continuation

