

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल छपरा 2**

पत्रांक 1976-अनु०

छपरा/दिनांक 04/11/2022

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, छपरा-2

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अभिकरण (ब्रांडा),
बिहार, पटना।

विषय:- नई अनुरक्षण नीति 2018 (Head - 3054) योजना मद में आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि नई अनुरक्षण नीति 2018 (Head - 3054) योजना अंतर्गत 01 (एक) पथ में राशि का अधियाचना विहित प्रपत्र में तैयार कर माप पुस्त की छायाप्रति एवं Bump Indecator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः अनुरोध है कि पत्र के साथ संलग्न अधियाचना प्रपत्र में अंकित राशि उपलब्ध कराने की कृपा की जाय ताकि संवेदक के विपत्र का भुगतान किया जा सकें।

अनु०:- यथोक्त।

विश्वासभाजन

(A) 4-11-22

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, छपरा 2

A 4 4-11-22

Requisition Format for Scheme Head :- MIR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)

Name of Division :- Rural Works Department, Works Division, Chapra-2

Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in Lakh)	Up-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MIR-N/20-21 Chapra-2/04	Anwal to Mushehri	31306402003	Lt. No. 1093 Dated 31.03.21	2.200	71.60300	57.67546	21.29165	09/MBD/2022-23	16.06.23	-	2549.860	25.00	5%	0.00000	0.00000	57.39695	MB No. 3512, Page No. 01 to 15

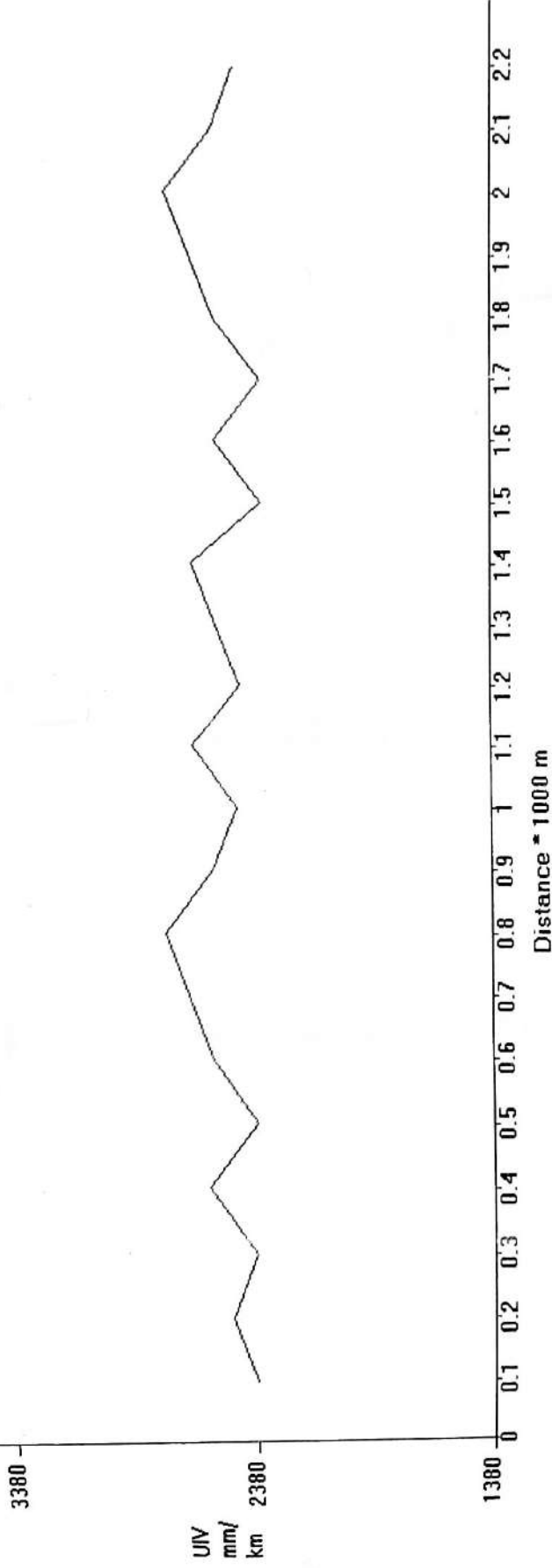
(Signature)

Executive Engineer
Rural Works Department,
Works Division, Chapra-2

22-11-22

File : D:\BUMP DATA OCT 2022\GUDDU SINGH\EXCEL FILE GUDDU SINGH.xlsx, Section No. : 38, Eqn : $Y = 0 \cdot X^{\wedge}$

Name of Customer : GUDDU SINGH, Name of Work/ Road : ANWAL TO MUSHEHRI, Lab Job number :



28/10/22
(S.E)

23/11/22
A.E.

22/11/22
Executive Engineer
R.W.D. Works Division
Chapra-2

CONT. NAME:-GUDDU SINGH

ROAD NAME:- ANWAL TO MUSHEHRI

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY	Latitude	Longitude	Event	Y = 0 * X ^ 2 + 0.984 * X + 510.7
26/10/22	9: 23: 36	38	0.1	190	10.1	1900	2380 G	ROAD	25.877107	84.644471	Normal	X = 0
26/10/22	9: 24: 0	38	0.1	200	10.1	2000	2478 G		25.876418	84.644996	Normal	Y = 510
26/10/22	9: 24: 12	38	0.1	190	10.1	1900	2380 G		25.875411	84.64503	Normal	
26/10/22	9: 24: 47	38	0.1	210	10.1	2100	2577 G		25.874699	84.645214	Normal	
26/10/22	9: 25: 0	38	0.1	190	10.1	1900	2380 G		25.873987	84.645706	Normal	(R) RURAL ROAD
26/10/22	9: 25: 22	38	0.1	210	10.1	2100	2577 G		25.873254	84.646063	Normal	Good
26/10/22	9: 44: 13	38	0.1	230	10.1	2300	2675 G		25.872364	84.646293	Curve	Average
26/10/22	9: 44: 48	38	0.1	210	10.1	2100	2773 G		25.871482	84.646138	Normal	4001-5000
26/10/22	9: 45: 24	38	0.1	200	10.1	2000	2478 G		25.870844	84.64567	Curve	>5001
26/10/22	9: 46: 0	38	0.1	220	10.1	2200	2675 G		25.869999	84.645427	Normal	
26/10/22	9: 46: 34	38	0.1	220	10.1	2200	2675 G		25.869141	84.645695	Normal	
26/10/22	9: 47: 0	38	0.1	180	10.1	2000	2478 G		25.868859	84.646501	Normal	
26/10/22	9: 47: 9	38	0.1	210	10.1	2100	2577 G		25.868694	84.647415	Normal	
26/10/22	9: 48: 0	38	0.1	220	10.1	2200	2675 G		25.868132	84.647834	Normal	
26/10/22	9: 48: 20	38	0.1	190	10.1	1900	2380 G		25.867286	84.648048	Normal	
26/10/22	9: 48: 55	38	0.1	210	10.1	2100	2577 G		25.866467	84.648315	Normal	
26/10/22	9: 49: 0	38	0.1	190	10.1	1900	2380 G		25.865622	84.648045	Normal	
26/10/22	9: 49: 31	38	0.1	220	10.1	2200	2675 G		25.864762	84.647882	Normal	
26/10/22	9: 50: 6	38	0.1	230	10.1	2300	2773 G		25.863888	84.647783	Normal	
26/10/22	9: 50: 6	38	0.1	210	10.1	2100	2577 G		25.862938	84.647661	Normal	
26/10/22	9: 50: 41	38	0.1	200	10.1	2000	2478 G		25.862139	84.648041	Normal	
					AVERAGE		2549.86		25.861537	84.64864	Normal	

ANW
28/10/22
(J.E)

ANW
28/10/22
(J.E)

ANW
28/10/22
(J.E)

Executive Engineer
R.W.D. Works Division
Chapra-2

NEW MAINT. POLICY-2018

MBNO. 3512

Schedule XLV-Form No. 134
ANIMAL TO MUSHERI

PACKAGE NO:-MR-N/20-21/Chakra-2/04 **DIVISION**

PACKAGE NO - MR-N/20-21/Chakra-2/04 **SUB-DIVISION**

TAJAL PIR

Measurement Book

1st & Final 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.	
H/W:- Construction of road from Amwal to Muskehari under MR-3054 (NMP) at block Jalalpur					
Package No- MR-H/20-21/chapra-2/27					
H/Agency- Sri Guddu Singh					
Agg. NO - 09/MBD/2022-23					
Date of start - 17.06.2022					
Date of completion - 16.06.2023					
Date of measured - 02.11.2022					
Items of work					
① clearing & grubbing of road land.					
2x20x30.0m x 1.0m =					1200.0m ²
2x20x30.0m x 1.0m =					1200.0m ²
2x20x30.0m x 1.0m =					1200.0m ²
2x13x30.0m x 1.0m =					780.0m ²
2x1x10.0m x 1.0m =					20.0m ²
Total =					4400.0m ²
					= 0.44 Hect

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Construction of sub grade & earthen shoulder (in flank)					
2x	20	30.10m	0.700m	0.30m	$= 252.10m^2$
2x	20	30.10m	0.700m	0.30m	$= 252.10m^2$
2x	20	30.10m	0.700m	0.30m	$= 252.10m^2$
2x	6	30.10m	0.700m	0.30m	$= 75.60m^2$
2x	1	20.10m	0.700m	0.30m	$= 8.40m^2$
					Total = $840.10m^2$
(3) Construction of granular sub base by providing well graded material (As per part measured)					
1x	3.90m	1.80m	0.175m		$= 1.229m^2$
1x	3.90m	2.56m	0.175m		$= 1.747m^2$
1x	2.30m	1.80m	0.175m		$= 0.725m^2$
1x	1.50m	2.34m	0.175m		$= 0.614m^2$
1x	3.90m	2.70m	0.175m		$= 1.843m^2$
1x	6.50m	1.44m	0.175m		$= 1.638m^2$
1x	3.10m	1.70m	0.175m		$= 0.922m^2$
1x	3.90m	1.62m	0.175m		$= 1.106m^2$
1x	2.70m	1.80m	0.175m		$= 0.851m^2$
1x	5.00m	2.56m	0.175m		$= 2.240m^2$
1x	6.50m	2.56m	0.175m		$= 2.912m^2$
1x	7.40m	1.80m	0.175m		$= 2.331m^2$
1x	6.60m	2.49m	0.175m		$= 2.876m^2$
1x	2.00m	1.08m	0.175m		$= 0.378m^2$
1x	2.50m	2.20m	0.175m		$= 0.963m^2$
1x	1.80m	2.16m	0.175m		$= 0.680m^2$
					Qty 40 = $23.055m^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty R/P =		23.055 m ²
1 x	2.90 m	2.16 m	0.175 m		1.096 m ²
1 x	5.30 m	2.70 m	0.175 m		2.504 m ²
1 x	8.50 m	2.16 m	0.175 m		3.213 m ²
1 x	8.40 m	1.62 m	0.175 m		2.381 m ²
1 x	7.60 m	2.42 m	0.175 m		2.965 m ²
1 x	10.90 m	2.16 m	0.175 m		4.120 m ²
			Total =		39.334 m ²
			Qty limit =		39.30 m ²
(4) Pl. v. Laying, spreading & compacting of WBM-III (Pot measurement)					
1 x	5.86 m	3.24 m	0.075 m		3.854 m ²
1 x	6.62 m	2.97 m	0.075 m		1.475 m ²
1 x	2.43 m	3.42 m	0.075 m		3.188 m ²
1 x	5.86 m	2.29 m	0.075 m		2.724 m ²
1 x	2.15 m	1.84 m	0.075 m		1.677 m ²
1 x	23.86 m	2.16 m	0.075 m		3.736 m ²
1 x	6.72 m	2.07 m	0.075 m		2.596 m ²
1 x	2.15 m	2.29 m	0.075 m		2.087 m ²
1 x	7.64 m	3.24 m	0.075 m		1.857 m ²
1 x	11.22 m	3.30 m	0.075 m		2.776 m ²
1 x	5.17 m	3.50 m	0.075 m		1.357 m ²
1 x	14.86 m	2.29 m	0.075 m		2.552 m ²
1 x	13.15 m	3.15 m	0.075 m		3.107 m ²
1 x	5.44 m	1.39 m	0.075 m		0.567 m ²
			Total =		33.55 m ²
			Qty limit =		33.40 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(5) P.V. Lining, spreading & compacting of waste (Pot measurement)					
1x	6.87m	2.24m	0.075m		1.154 m ³
1x	18.36m	3.19m	0.075m		4.393 m ³
1x	9.12m	2.92m	0.075m		1.997 m ³
1x	18.36m	2.24m	0.075m		3.084 m ³
1x	14.93m	3.37m	0.075m		3.774 m ³
1x	25.56m	2.11m	0.075m		4.045 m ³
1x	19.22m	2.02m	0.075m		2.912 m ³
1x	14.65m	1.79m	0.075m		1.967 m ³
1x	10.14m	2.19m	0.075m		2.426 m ³
1x	14.65m	2.11m	0.075m		2.453 m ³
1x	13.72m	2.19m	0.075m		3.287 m ³
1x	10.36m	2.24m	0.075m		1.740 m ³
1x	21.32m	3.10m	0.075m		4.957 m ³
1x	19.46m	1.34m	0.075m		1.956 m ³
1x	4.62m	2.74m	0.075m		0.949 m ³
1x	10.36m	2.69m	0.075m		2.090 m ³
1x	14.93m	2.69m	0.075m		3.012 m ³
1x	12.36m	2.37m	0.075m		3.124 m ³
1x	14.65m	2.83m	0.075m		3.109 m ³
1x	11.97m	2.92m	0.075m		2.621 m ³
1x	18.15m	2.02m	0.075m		2.750 m ³
1x	14.00m	3.10m	0.075m		3.255 m ³
1x	6.87m	2.24m	0.075m		1.154 m ³

Total = 62.28 m³
 62.20 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) plv 8 applying former coal with bitumen emulsion SS-1					
	1x	6.87m	2.24m		15.38m ²
	1x	18.36m	3.19m		58.56m ²
	1x	9.12m	2.92m		26.63m ²
	1x	18.36m	2.24m		41.12m ²
	1x	14.93m	3.37m		50.31m ²
	1x	25.56m	2.11m		53.93m ²
	1x	19.22m	2.02m		38.82m ²
	1x	14.65m	1.79m		26.22m ²
	1x	10.14m	3.19m		32.34m ²
	1x	14.65m	2.24m		32.81m ²
	1x	13.72m	3.19m		43.76m ²
	1x	10.36m	2.24m		23.20m ²
	1x	21.32m	3.10m		66.09m ²
	1x	19.46m	1.34m		26.07m ²
	1x	4.62m	2.74m		12.65m ²
	1x	10.36m	2.69m		27.86m ²
	1x	14.83m	2.69m		40.16m ²
	1x	12.36m	3.37m		41.65m ²
	1x	14.65m	2.83m		41.46m ²
	1x	11.97m	2.92m		34.95m ²
	1x	18.15m	2.02m		36.66m ²
	1x	14.65m	3.10m		43.40m ²
	1x	6.87m	2.24m		15.39m ²
				Total	829.42m ²
				Qty. in	829.33m ²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) plv & applying tack coat with bitumen emulsion RS-1					
Net Qty of B.T. Paving					
(As per Prime coat Area)					
					$= 829.33 \text{ m}^2$
gn p.c.c Area					
					$4 \times 2.00 \text{ m} \times 3.75 \text{ m} = 30.00 \text{ m}^2$
					Total = 859.33 m^2
(8) plv, laying & rolling of close-grained paving sustaining material (Patch work)					
Net Area = Total Area of tack coat					
					$= 859.33 \text{ m}^2$
(9) plv & applying tack coat with bitumen emulsion RS-1.					
For B.T. ^{Existing} p.c.c Paving					
					$10 \times 30.00 \text{ m} \times 3.75 \text{ m} = 1125.00 \text{ m}^2$
					$10 \times 30.00 \text{ m} \times 3.75 \text{ m} = 1125.00 \text{ m}^2$
					$10 \times 30.00 \text{ m} \times 3.75 \text{ m} = 1125.00 \text{ m}^2$
					$10 \times 30.00 \text{ m} \times 3.75 \text{ m} = 1125.00 \text{ m}^2$
					$10 \times 30.00 \text{ m} \times 3.75 \text{ m} = 1125.00 \text{ m}^2$
					$10 \times 30.00 \text{ m} \times 3.75 \text{ m} = 1125.00 \text{ m}^2$
					$6 \times 30.00 \text{ m} \times 3.75 \text{ m} = 675.00 \text{ m}^2$
					$1 \times 30.00 \text{ m} \times 3.75 \text{ m} = 75.00 \text{ m}^2$
					Total = 7500.00 m^2

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Plv & fixing of R.C.C MIS grade kilometre stones					= 03 NOS
(14) Plv & fixing of R.C.C MIS grade 200m stones					= 09 NOS
(15) Plv & erecting dimensions & place identification traffic sign board					2 x 1.20m x 0.80m = 1.92 m ²
(16) Plv & fixing of retro-reflectors traffic sign board					
600 mm equilateral triangle					= 04 NOS
(17) 600 mm circles					= 04 NOS
(18) 600 mm x 450 mm rectangles					= 04 NOS
(19) Plv & fixing of R.C.C MIS grade boundary pillars					4 x 3 NOS = 12 NOS
(20) Planting of trees by the road sides					
from 0.60 km to 1.00 km					2 x 50 NOS = 100 NOS
1.00 km to 1.80 km					2 x 40 NOS = 80 NOS
Total					= 180 NOS

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) plv & lining of hop optimal thermoplastic compound 2.5 mm thick.					
					$2 \times 20 \times 30.00 \text{ m} \times 0.10 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 20 \times 30.00 \text{ m} \times 0.10 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 20 \times 30.00 \text{ m} \times 0.10 \text{ m} = 120.00 \text{ m}^2$
					$2 \times 13 \times 30.00 \text{ m} \times 0.10 \text{ m} = 78.00 \text{ m}^2$
					$2 \times 1 \times 10.00 \text{ m} \times 0.10 \text{ m} = 2.00 \text{ m}^2$
					Total = 440.00 m ²
(22) plv & fixing of typical mmmsy internally sign board with logo = 02 Nos					
(23) Brick masonry ^{work} in c.m (1:3) in parapet wall. For 1 No H.P. column					
					$2 \times 6.00 \text{ m} \times 0.40 \text{ m} \times 0.60 \text{ m} = 2.88 \text{ m}^3$
(24) plastering with c.m (1:4) on brick work for sub-structure For 1 No. H.P. column					
outer side,					
					$1 \times 2 \times 6.00 \text{ m} \times 0.60 \text{ m} = 7.20 \text{ m}^2$
inner side,					
					$1 \times 2 \times 6.00 \text{ m} \times 0.60 \text{ m} = 7.20 \text{ m}^2$
Top,					$1 \times 2 \times 6.00 \text{ m} \times 0.40 \text{ m} = 4.80 \text{ m}^2$
End,					$2 \times 2 \times 0.40 \text{ m} \times 0.60 \text{ m} = 0.96 \text{ m}^2$
					Total = 20.16 m ²

Abstract of Cost.

1. clearing & grubbing
of road land.
0.44 Hect, vide TMBP-1
① Rs 57007 = 10/Hect Rs 25,083/-

$\frac{2}{2}$ Construction of subgrade
& earthen shoulder
840.00 m³, vide TMBP-2
② Rs 2440.02/m³ - Rs 2,04,972/-

$\frac{3}{3}$ Construction of granular
sub base by providing
well graded material.
39.20 m³, vide TMBP-3
③ Rs 2426 = 96/m³ - Rs 95,280/-

c/o. Rs 3,25,440/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				RIF, P ₁	3,25,44000
<u>4</u>					
4.				Plv, leveling & spreading	
				& compaction of WBM-2	
				33.40 m ² wide road	
				@ B 4412.01/m ² - B	1,49,361.00
					149361
<u>5</u>				Plv, leveling & spreading	
5.				& compaction of WBM-3	
				62.20 m ² wide road	
				@ B 3992.00/m ² - B	2,48,613.00
<u>6</u>				Plv & applying	
6.				Primer coat with	
				bitumen emulsion	
				227.8 m ² wide road	
				@ B 5150/m ² - B	42,710.00
<u>7</u>				Plv & applying	
7.				coat with bitumen	
				emulsion PS-1	
				859.33 m ² wide road	
				@ B 1741/m ² - B	14,961.00
<u>8</u>				Plv, leveling & rolling	
8.				of close-surface	
				base subgrade	
				859.33 m ² wide road	
				@ B 2432.78/m ² - B	2,09,489.00
				a/b B	9,88,572.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			81 F	15	9,88,572 = 0
$\frac{9}{9}$		Plv & applying			
		tack coat with			
		bitumen emulsion			
		7500.00 m ² vide TMBP-6			
		(1) B	14 = 33/m ²	B	1,07,475 = 0
$\frac{10}{10}$		Plv & wearing			
		semi dense bitu-			
		minous concrete			
		as per technical			
		specification			
		187.50 m ³ vide TMBP-7			
		(1) B	12744 = 45/m ²	B	23,89,584 = 0
$\frac{11}{11}$		Plv, wearing, spreading			
		& compacting of WRM-7			
		6.929 m ³ vide TMBP-7			
		(1) B	3997 = 0/m ³	B	27,6952 = 0
$\frac{12}{12}$		continuation of un-			
		reinforced plain			
		cast concrete floor			
		as per technical			
		specification			
		120.00 m ³ vide TMBP-7			
		(1) B	7457 = 11/m ²	B	894,8532 = 0
				210. B	44,08,179 = 0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BIF, B		44,62,306200
17 17		600 mm circular			
		04 NOS, vide TMBP-8			
		(a) B 3813071	No-B		15,27520
18 18		600 mm x 450 mm rectangular			
		04 NOS, vide TMBP-8			
		(a) B 3690249	No-B		14,762200
19 19		Plv 8 Sizing of			
		Rice mill grade			
		boundary pillars			
		12 NOS, vide TMBP-8			
		(a) B 630285	No-B		7570200
20 20		planting of trees			
		by the road sides			
		180 NOS, vide TMBP-8			
		(a) B 1056227	No-B		1,90,129200
21 21		Plv 8 Sizing of wpl			
		applied the mor-			
		-plastic compound 2.5			
		mm thick.			
		440.00 m ² , vide TMBP-9			
		(a) B 771266	m ² -B		3,39,530200
22 22		Plv 8 Sizing of applied			
		mm 454 thickness			
		Sign keel with logo.			
		62 NOS, vide TMBP-9			
		(a) B 1028628	No-B		20,574200
		(a) B 50,50,146			200

Continuation

Continuation

3.11.22

32