

कार्यपालक अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य प्रमंडल, जहानाबाद।

पत्रांक:11..... /

जहानाबाद, दिनांक: 4-1-2021 /

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, जहानाबाद।

सेवा में,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, औरंगाबाद।

विषय :- ग्रामीण कार्य विभाग, कार्य प्रमंडल, दाउदनगर के अधीन वर्ष 2020-21 में बाढ़ से क्षतिग्रस्त सड़कों का जॉच प्रतिवेदन समर्पित करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि भवदीय के आदेश के आलोक में कार्य प्रमंडल, दाउदनगर के अधीन वर्ष 2020-21 में भारी वर्षा एवं बाढ़ के फलस्वरूप क्षतिग्रस्त सड़कों का निरीक्षण किया गया जिसका विवरण निम्न प्रकार है-

क्र०	योजना का नाम	चैनेज जिस पर टुटा पाया गया	अनुमानित लंबाई	मोटेरेवल किया गया था या नहीं	अभ्युक्ति।
1	अरण्डा से बख्तियारपुर और बसावनपुर	110.00mtr 215.00mtr 812.00mtr	80.00mtr 30.00mtr 70.00mtr	हाँ	
2	नरौला से कलेन	0- 2700.00mtr	2700 mtr	हाँ	

विश्वासभाजन


4-1-2021

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, जहानाबाद।

SIN o	District	Division	Road Name	Sche me	Road Status	Is Mainta nance(Y/N)	Is Agree ment(Y/N)	Length(I n Km.)	Length of Damage Part Due to Flood	Tentative Restorati on Amount(I n Lac)	Actual Restoratio n Amount:(I n Lac)	Remarks	FDR Year	Start Latitude	Start Longitu de	Mid Latitude	Mid Longitude	End Latitude	End Longitude	Block
10	Aurangabad	Daudnagar	Aranda to Bakhatiar Pur Basawan Pur	MR	Comple ted	Yes	Yes	7.03	0.18	6	0	Restoratio n by brick vate	2020- 21	25.05797	84.6885	25.05706	84.691446	25.05631	84.694434	Goh
11	Aurangabad	Daudnagar	Repair of road from Naraula to Kalen	MR	Comple ted	Yes	Yes	11.5	2.78	8.7	0	Heavy rain over flow of canal water	2020- 21	24.86724	84.4496	24.88329	84.471194	24.92181	84.489488	Obra

पत्रांक 1416 / औरंगाबाद, दिनांक 02, / 09 / 2020

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल औरंगाबाद।

कार्यपालक अभियंता
गामीण कार्य विभाग
कार्य प्रमण्डल, औरंगाबाद / दाउदनगर / अरवेल / जहानाबाद

महाशय

उपर्युक्त विषय के संबंध में कहना है कि वर्ष 2020 के बाढ़ से क्षतिग्रस्त पथों को मरम्मत करने हेतु किए गए कार्य की जांच हेतु निम्न व्यवस्था की जाती है।

क्रम	कार्यभारक अभियंता	आवंटित कार्य प्रमण्डल, जिसकी जांच की जानी है
01	औरंगाबाद	अश्वल
02	दाउदनगर	औरंगाबाद
03	अश्वल	जहानाबाद
04	जहानाबाद	दाउदनगर

उपरोक्त आलोक में निदेश दिया जाता है कि तीन दिनों के अंदर आवंटित कार्य प्रमण्डल में वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरबुल करने हेतु किए गए कार्य की जांच करना सुनिश्चित किया जाये। संबंधित कार्यपालक अभियंता जांच हेतु पथों का प्राक्कलन तत्काल उपलब्ध करा दें।

विश्वासभाजन

अधीक्षण आभेयता
सामीप्य कार्य विभाग
कार्य अचल और नगरी



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

FDR

YEAR -2020-2021

BIHAR

RESTORATION OF ROAD FROM NARAULA TO KALEN

DISTRICT	:	AURANGABAD	
DIVISION	:	DAUDNAGAR	
BLOCK	:	OBRA	
PACKAGE NO	:		
TOTAL LENGTH OF ROAD	:	2.700	KM
TOTAL COST OF CD WORKS	:	0.000	Lac
TOTAL COST OF PAVEMENT	:	18.620	Lac
TOTAL COST OF CONSTRUCTION	:	19.235 21.041	Lac
BELOW 10%	:	1.923 2.104	Lac
TOTAL COST OF PROJECT	:	17.311 18.937	Lac

SUBMITTED BY:-

EXECUTIVE ENGINEER
RWD (W) DIVISION DAUDNAGAR
AURANGABAD

FDR

YEAR -2020-2021

GENERAL ABSTRACT OF COST

Block:--~~QSR~~

District:- AURANGABAD

Length of Road:-- 2.700 KM

Name of Road:-- RESTORATION OF ROAD FROM NARAULA TO KALEN

SL. No.	Item of Work	Amount
A	CONSTRUCTION COST	: 17.022 18.620 Lacs
	Add GST @ 12%	: 2.042 2.234 Lacs
	Add Labour Cess @ 1%	: 0.170 0.186 Lacs
	TOTAL CONSTRUCTION COST INCLUDING GST AND L.C	: 19.234 21.041 Lacs
	BELOW 10% on SIR As Per Agreement	(-) 1.923 2.104 Lacs
	TOTAL	: 17.311 18.937 Lacs

Shukla
05-10-2020
Junior Engineer

QSR
5/10/20
Asstt. Engineer

QSR
21.01.21
Executive Engineer

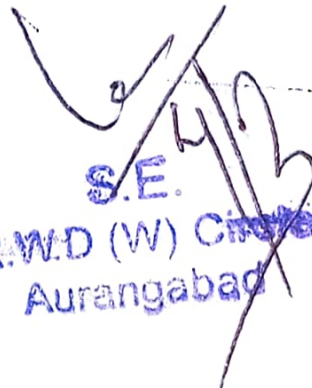
SE
RWD

Technically approved for Rs. 18.937
Rupees.....zero.....Crores.....Eighteen.....lacs
.....Ninety Three thousands seven hundred only

S.E.
R.W.D (W) Circle
Aurangabad

B. F. — Rs 17.31 Lacs

Technically approved for Rs. 17.31 ~~lakh~~
Rupees seventeen ~~lakh~~
Thirty one thousands One hundred only


S.E.
for R.W.D (W) Circle
4/3/21 Aurangabad

SUMMARY OF COST ESTIMATE FOR THE PROJECT

PACKAGE NO.

NAME OF ROAD :

RESTORATION OF ROAD FROM NARAULA TO KALEN

DISTRICT

AURANGABAD

BLOCK

OBRA

DIVISION

DAUDNAGAR

LENGTH OF ROAD (in Km)

2.700

LENGTH OF BT PAVEMENT

80

LENGTH OF CC PAVEMENT

0

CD STRUCTURES

HUME PIPE

0

RCC CULVERT

0

BOX CELL CULVERT

0

CAUSEWAY / MINOR BRIDGE

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.000
2	EARTHWORK	0.000
3	GSB GRADING - I	17.022 0.000
4	WBM GRADE III	0.000
4	brick bats	17.022 18.620
5	PRIME COAT	0.000
6	TACK COAT	0.000
7	MIX SEAL SURFACING	0.000
8	CEMENT CONCRETE	0.000
9	HARD SHOULDERING	0.000
10	SIDE DRAINS & CROSS DRAIN	0.000
11	PROTECTION WORKS	0.000
12	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	0.000
	SUB TOTAL OF PAVEMENT COST IN LACS =	17.022 18.620
13	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	0.000
II	RCC	0.000
III	BOX	0.000
IV	CAUSEWAY	0.000
V	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	0.000
	ADD GST @ 12 %	2.042 2.234
	ADD LABOUR CESS @ 1 %	0.170 0.186
	TOTAL COST OF PROJECT IN LACS =	21.234 21.041

Shukla
05-11-2020
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RWD

Chandra
5/11/20
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RWD

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21-01-21
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RWD

SDB Sl.No	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1	100	SUB HEAD : PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING								
		Setting Out Pillars								
		Providing & Fixing of Working benchmark Pillars 2 nos. per km. & 6 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	No	0.00	2.700			0.0	2,151.04	0.00
2	2.2	201 (I-A)								
		Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	H/a	0	2,700.00	3.500		0.00		
								0.00	52,966.72	0.00
3	3.3	301.5	SUB HEAD : EARTHWORK							
		Construction of embankment with approved material deposited from road way cutting and excavation from drain and foundation of other structures and excavated with an average lead of 50 m graded and compacted to meet requirement of tables 300.1 and 300.2 as per technical specification clause 301.5 (Including Royalty & Labour Cess).	Cum		Total Qty.		0.00	0.00	29.35	0.00
4	3.4	301.5	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the site spreading , grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a <i>lead upto 1000 m</i> as per Technical Specification Clause 301.5 . (Including Royalty & Labour Cess).							
		For 1000 m lead	Cum	0.00	180.00	6.000	0.80	0.00		
5	4.1	401	(By mix in place method) For Grading II Material							
								0.00	190.36	0.00
		Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	Cum					945.00		
		As Per Pot Measurement (Calculation Sheet Attached	Cum					945.00	1,970.41	18,62,037.00
									B) SUB TOTAL OF CRUST =	-18,62,037.00
									TOTAL COST OF PAVEMENT IN RS. (A+B+C+D+E+F)=	18,62,037.00

AE
RWD

EE
RWD

1702199.00
Shukz
17.02264

RESTORATION OF ROAD FROM NARAULA TO KALEN

CH.



0.50 M to 1000 M

72

Details of Pots (GSB)

No	L	W	D	Q
1	24	1.9	0.175	7.980
1	23	1.8	0.175	7.245
1	24	1.3	0.175	5.460
1	25	1.9	0.175	8.313
1	23	1.9	0.175	7.648
1	24	2	0.175	8.400
1	29	1.85	0.175	9.389
1	27	1.75	0.175	8.269
1	28	1.75	0.175	8.575
1	24	1.6	0.175	6.720
1	23	1.7	0.175	6.843
1	29	1.85	0.175	9.389
1	25	1.95	0.175	8.531
1	27	1.7	0.175	8.033
1	24	1.8	0.175	7.560
1	25	1.9	0.175	8.313
1	23	1.9	0.175	7.648
1	27	1.8	0.175	8.505
1	23	1.9	0.175	7.648
1	30	1.75	0.175	9.188
1	24	1.8	0.175	7.560
1	24	1.9	0.175	7.980
1	27	1.9	0.175	8.978
1	23	1.8	0.175	7.245
1	28	1.6	0.175	7.84
1	25	1.9	0.175	8.313
1	23	1.9	0.175	7.648
1	24	2	0.175	8.400
1	23	1.75	0.175	7.044
1	27	1.85	0.175	8.741
1	23	1.8	0.175	7.245
1	23	1.9	0.175	7.648
1	24	2	0.175	8.400
1	26	1.6	0.175	7.280
1	25	1.9	0.175	8.313
1	26	1.85	0.175	8.418
1	24	2	0.175	8.400
1	27	1.62	0.175	7.655
1	29	1.62	0.175	8.222
1	24	1.7	0.175	7.140
1	21	1.85	0.175	6.799
1	23	1.85	0.175	7.446
1	31	1.76	0.175	9.548
1	24	1.8	0.175	7.560
1	27	1.9	0.175	8.978
1	26	1.95	0.175	8.873
1	26	1.63	0.175	7.417
1	25	2	0.175	8.750
1	26	1.8	0.175	8.190
1	24	1.9	0.175	7.980
1	25	2	0.175	8.750
1	26	1.9	0.175	8.645
1	27	1.85	0.175	8.741
1	28	1.9	0.175	9.310
1	22	1.9	0.175	7.315
1	25	1.8	0.175	7.875
1	26	2	0.175	9.100
1	23	2.1	0.175	8.453
1	25	1.7	0.175	7.438
1	21	2	0.175	7.350
1	25	2.1	0.175	9.188
1	24	1.8	0.175	7.560
1	25	2.2	0.175	9.625
1	26	1.7	0.175	7.735

Shukla
05-10-2020
J.E.

Q. No. 1602
Shukla
A.E.

21.10.20
E.B.

RESTORATION OF ROAD FROM NARAULA TO KALEN

CH

1000M TO 2000M

2000M TO 2700M

Details of Pots (GSB)				
No	L	W	D	Q
1	24	1.8	0.175	7.560
1	25	1.8	0.175	7.875
1	30	1.9	0.175	9.975
1	28	1.75	0.175	8.575
1	29	1.65	0.175	8.374
1	25	1.65	0.175	7.219
1	24	1.5	0.175	6.300
1	30	1.6	0.175	8.400
1	26	1.75	0.175	7.963
1	28	2.05	0.175	10.045
1	25	1.6	0.175	7.000
1	26	1.7	0.175	7.735
1	24	1.8	0.175	7.560
1	28	1.8	0.175	8.820
1	24	2	0.175	8.400
1	31	1.8	0.175	9.765
1	25	2.2	0.175	9.625
1	25	2	0.175	8.750
1	28	1.8	0.175	8.820
1	24	1.9	0.175	7.980
1	29	1.7	0.175	8.628
1	26	1.85	0.175	8.418
1	24	1.8	0.175	7.560
1	25	1.8	0.175	7.875
1	24	1.9	0.175	7.980
1	28	1.75	0.175	8.575
1	24	2.2	0.175	9.240
1	24	1.7	0.175	7.140
1	25	1.8	0.175	7.875
1	27	1.9	0.175	8.978
1	26	1.5	0.175	6.825
1	27	2	0.175	9.450
1	25	2.1	0.175	9.188
1	28	1.9	0.175	9.310
1	30	1.8	0.175	9.450
1	25	1.52	0.175	6.650
1	22	2.22	0.175	8.547
1	24	1.75	0.175	7.350
1	32	1.75	0.175	9.800
1	25	1.66	0.175	7.263
1	28	1.4	0.175	6.860
1	27	1.85	0.175	8.741
1	27	1.85	0.175	8.741
1	26	1.6	0.175	7.280
1	27	1.9	0.175	8.978
1	25	1.7	0.175	7.438
1	26	1.8	0.175	8.190
1	24	1.9	0.175	7.980
1	22	2	0.175	7.700
1	20	1.8	0.175	6.300
1	24	1.9	0.175	7.980
1	26	2.1	0.175	9.555
			Total	863.881

Shukla
05-10-2020
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5/10/20
AB

Ag
21/01/21
EE

Analysis for Carriage by Road & Rail

FORM F8

Name of Road:-

RESTORATION OF ROAD FROM NARAULA TO KALEN

District:-

AURANGABAD

Block:- OHRA

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km				Loading & Unloading Cost	Carriage Cost by Rail Head	Total
				Pucka / Surface	Katcha					
1	Stone Metal Gr-I & Gr-II	Cum	KARJARA	$\frac{8.00}{4.59} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 1041.57$	$\frac{8.00}{4.59} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			195.23	0.00	Rs 1236.80
2	Stone Metal Gr-III / GSB	Cum	KARJARA	$\frac{8.00}{4.99} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 958.08$	$\frac{8.00}{4.99} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			195.23	0.00	Rs 1153.36
3	Stone Aggregate / Chips	Cum	MANPUR	$\frac{8.00}{4.99} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 848.32$	$\frac{8.00}{4.99} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			195.23	0.00	Rs 1043.60
4	Stone Boulder	Cum	KARJARA	$\frac{8.00}{4.80} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 996.00$	$\frac{8.00}{4.80} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			195.23	0.00	Rs 1191.23
5	Course Sand	Cum	PANCHANPUR	$\frac{8.00}{4.99} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 538.92$	$\frac{8.00}{4.99} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			105.71	0.00	Rs 644.63
6	Binding Material/Moorum	Cum	KARJARA	$\frac{8.00}{6.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 796.80$	$\frac{8.00}{6.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			105.71	0.00	Rs 902.51
7	Local Sand	Cum	Local	$\frac{8.00}{4.99} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 23.95$	$\frac{8.00}{4.99} \times 18.09 \times 4.00 \text{ Km} = \text{Rs } 29.00$			105.71		Rs 158.66
8	Brick	1000 Nos	Local	$\frac{8.00}{2.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 209.16$	$\frac{8.00}{2.00} \times 18.09 \times 1.00 \text{ Km} = \text{Rs } 72.36$			444.68		Rs 726.20
9	Cement	MT	Local	$\frac{8.00}{8.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 89.64$	$\frac{8.00}{8.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			321.30		Rs 410.94
10	Steel	MT	Local	$\frac{8.00}{8.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 89.64$	$\frac{8.00}{8.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			342.10		Rs 431.76
11	Bitumen Emulsion	MT	BELA	$\frac{8.00}{8.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 567.72$	$\frac{8.00}{8.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			368.42		Rs 936.14
12	Bitumen	MT	BELA	$\frac{8.00}{8.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 567.72$	$\frac{8.00}{8.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			368.42		Rs 936.14
13	Hume Pipe (1000 mm)	m	SINDURIYA	$\frac{8.00}{10.00} \times 7.47 \times 83.00 \text{ Km} = \text{Rs } 496.01$	$\frac{8.00}{10.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			76.23		Rs 572.24
14	Hume Pipe (600 mm)	m	SINDURIYA	$\frac{8.00}{25.00} \times 7.47 \times 92.00 \text{ Km} = \text{Rs } 198.40$	$\frac{8.00}{25.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			32.67		Rs 231.07
15	Hume Pipe (300 mm)	m	SINDURIYA	$\frac{8.00}{60.00} \times 7.47 \times 100.00 \text{ Km} = \text{Rs } 82.67$	$\frac{8.00}{60.00} \times 18.09 \times 0.00 \text{ Km} = \text{Rs } 0.00$			32.67		Rs 115.34

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck
For Surface Road	8.19	7.47
Unsurface Gravel Road	9.85	8.99
Kachha Road	19.82	15.00

* Subjected to Verification of Lead

Shree
25-12-2020

JE
RWD

Chaitanya

AE
RWD

Arjun

EE
RWD



Shubh
05-10-2020
J.E.



Latitude: 24.897796
Longitude: 84.488148
Elevation: 98.47 m
Accuracy: 3.2 m
Time: 27-09-2020 14:44
Note: NEW/Introducing

Shukla
05-10-2020
J-E

SOR No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
	a) Labour				
	Mate	day	0.48	222.00	106.56
	Mazdoor (Skilled)	day	2.00	262.00	524.00
	Mazdoor (Unskilled)	day	10.00	206.00	2,060.00
	b) Machinery				
	Motor Grader 110 HP @ 50 cum per hour	hour	6.00	2,412.00	14,472.00
	Three wheel 80-100 kN static roller @ 10 cum per hour	hour	30.00	611.00	18,330.00
	Tractor with Rotavator 25 cum per hour	hour	12.00	494.00	5,928.00
	Water tanker 6 kl capacity	hour	5.00	159.00	795.00
	c) Material				
	Well graded granular sub-base material as per Table				
	26.5 mm to 9.5 mm @ 35 per cent	cum	134.00	572.22	76,676.88
	9.5 mm to 2.36 mm @ 25 per cent	cum	96.00	425.03	40,802.71
	2.36 mm below @ 40 per cent	cum	153.00	190.07	29,081.00
	Water	kl	30.00	232.91	6,987.18
	d) Overheads @ 10% on (a+b+c)				19,576.33
	e) Contractor's profit @ 10% on (a+b+c+d)				21,533.97
	Cost for 300 cum = a+b+c+d+e				236,873.62
	Rate per cum = (a+b+c+d+e)/300				789.58
	Carriage				
	GSB Gr-II As Per Rate Analysis				789.58
	Add:Carriage Charge for GSB material	cum	0.767	1,394.92	1,069.44
	Add:Carriage Charge for GSB material (2.36 mm Below)	cum	0.510	180.17	91.89
	Add 1% Cess on above				19.51
	Rate per cum to be adopted in DPR			cum	1,970.41
17	4.8	2	Water Bound Macadam with Crushable Screenings (Moorum) Gr - II		
	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.				
	(A) By Manual Means				
	Unit = cum				
	Taking output = 360 cum				
	a) Labour				
	Mate	day	10.08	222.00	2,237.76
	Mazdoor (Skilled)	day	2.00	262.00	524.00
	Mazdoor (Unskilled)	day	250.00	206.00	51,500.00
	b) Machinery				
	Three wheel 80-100 kN static roller @ 8 cum per hour	hour	45.00	611.00	27,495.00
	Water tanker 6 kl capacity	hour	24.00	159.00	3,816.00
	c) Material (Refer Tables 400.7, 8, 9 and 10)				
	Aggregate				
	Grading 2 63 mm to 45 mm @ 0.91 cum per 10 sqm for compacted thickness of 75 mm	cum	435.60	440.66	191,952.80
	Stone Screening - Type A 13.2 mm for Grading-2 @ 0.12 cum per 10 sqm	cum	57.60	484.56	27,910.52
	Binding Material @ 0.06 cum per 10 sqm for Grading-II material	cum	28.80	134.62	3,877.14
	Water	kl	144.00	232.91	33,538.46
	d) Overheads @ 10% on (a+b+c)				34,285.17
	e) Contractor's profit @ 10% on (a+b+c+d)				37,713.69
	Cost for 360 cum = a+b+c+d+e				414,850.54
	Rate per cum = (a+b+c+d+e)/360				1,152.36
	Carriage				
	As Per Rate Analysis				1,152.36
	Add:Carriage Charge for Stone material	cum	1.21	1,504.81	1,820.82

Shukla
05-10-2020
J.E

of Road :- Naraula Fall to Kalesh

Sl No.	SOR No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
		Laying brick soling layer on prepared sub-grade with brick on lines, graded and cross-section shown on the drawing filling joints with sand and earth as per Technical Specification Clause 412				
		Unit = sqm				
		Taking output = 9.30 sqm				
		(a) Labour				
		Mazdoor (Unskilled)	day	1.00	206.00	206.00
		Mason 2 nd Class	day	0.50	249.00	124.50
		(b) Sundries				1.50
		(c) Material				
		Brick 1st Class	No.	300.00	5.39	1,618.02
		Fine Sand	cum	0.142	119.80	17.01
		(d) Overheads @ 10% on (a+b+c)				196.70
		(e) Contractor's profit @ 10% on (a+b+c+d)				216.37
		Cost for 9.30 sqm = a+b+c+d+e				2,380.11
		Rate per sqm = (a+b+c+d+e)/9.30				255.93
		Carriage				
		As Per Rate Analysis				255.93
		Add: Carriage Charge for Brick		32.26	639.68	20.63
		Add: Carriage Charge for Local Sand		0.0153	180.17	2.75
		Add 1% Cess on above				2.79
		Rate per sqm to be adopted in DPR			sqm	282.11
16	41	Granular Sub-Base with Well Graded Material (Table:- 400- 1)				
		Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.				
		(i) For Grading I Material				
		Unit = cum				
		Taking output = 300 cum				
		a) Labour				
		Mate	day	0.48	222.00	106.56
		Mazdoor (Skilled)	day	2.00	262.00	524.00
		Mazdoor (Unskilled)	day	10.00	206.00	2,060.00
		b) Machinery				
		Motor Grader 110 HP @ 50 cum per hour	hour	6.00	2,412.00	14,472.00
		Three wheel 80-100 kN static roller @ 10 cum per hour	hour	30.00	611.00	18,330.00
		Tractor with Rotavator 25 cum per hour	hour	12.00	494.00	5,928.00
		Water tanker 6 kl capacity	hour	5.00	159.00	795.00
		c) Material				
		Well graded granular sub-base material as per Table 400.1				
		53 mm to 9.5 mm @ 50 per cent	cum	192.00	533.97	102,521.63
		9.5 mm to 2.36 mm @ 20 per cent	cum	77.00	425.03	32,727.17
		2.36 mm below @ 30 per cent	cum	115.00	190.07	21,858.27
		Water	kl	30.00	232.91	6,987.18
		d) Overheads @ 10% on (a+b+c)				20,630.98
		e) Contractor's profit @ 10% on (a+b+c+d)				22,694.08
		Cost for 300 cum = a+b+c+d+e				249,634.86
		Rate per cum = (a+b+c+d+e)/300				832.12
		Carriage				
		GSB Gr-I As Per Rate Analysis				832.12
		Add: Carriage Charge for GSB material	cum	1.28	1,504.81	1,926.16
		Add: Carriage Charge for Local Sand	cum	0.00	180.17	0.00
		Add 1% Cess on above				27.58
		Rate per cum to be adopted in DPR			cum	2,785.86
		(ii) For Grading II Material				
		Unit = cum				
		Taking output = 300 cum				

Checks
05-10-2020
J.E

F.D.R

Restigation of road from Naraula
to Kelen

Schedule XLV-Form No.-134

कार्यपालक अभियन्ता, हासीन कार्य विभाग DIVISION

सहायक अभियन्ता, कार्य प्रवर्धन सेक्टर SUB-DIVISION

MEASUREMENT BOOK

632

संवेदक → Systematic & Advance construction
Pvt. L. Tel, Pankaj Kumar

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 measurements relating to each work).

[illegible]

1/ Construction of curb by well		
graded material grade II		
24.00 X 1.90 X 0.175	=	7.98 m ³
23.00 X 1.80 X 0.175	=	7.245 m ³
24.00 X 1.30 X 0.175	=	5.46 m ³
25.00 X 1.60 X 0.175	=	8.313 m ³
23.00 X 1.90 X 0.175	=	7.648 m ³
24.00 X 2.00 X 0.175	=	8.400 m ³
29.00 X 1.850 X 0.175	=	9.389 m ³
27.00 X 1.75 X 0.175	=	8.269 m ³
28.00 X 1.75 X 0.175	=	8.575 m ³
24.00 X 1.60 X 0.175	=	6.720 m ³
23.00 X 1.70 X 0.175	=	6.893 m ³
29.00 X 1.85 X 0.175	=	9.389 m ³
25.00 X 1.95 X 0.175	=	8.531 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	27.00	1.70	0.175		= 8.033 m ³
	24.00	1.80	0.175		= 7.56 m ³
	25.00	1.80	0.175		= 8.313 m ³
	23.00	1.90	0.175		= 7.648 m ³
	30.00	1.75	0.175		= 9.188 m ³
	24.00	1.80	0.175		= 7.56 m ³
	24.00	1.90	0.175		= 7.98 m ³
	27.00	1.90	0.175		= 8.978 m ³
	23.00	1.80	0.175		= 7.245 m ³
	23.00	1.90	0.175		= 7.648 m ³
	24.00	2.00	0.175		= 8.40 m ³
	23.00	1.75	0.175		= 7.044 m ³
	27.00	1.85	0.175		= 8.741 m ³

23.00	1.80	0.175	= 7.245 m ³
23.00	1.90	0.175	= 7.648 m ³
24.00	2.00	0.175	= 8.400 m ³
26.00	1.60	0.175	= 7.280 m ³
25.00	1.90	0.175	= 8.313 m ³
26.00	1.85	0.175	= 8.418 m ³
24.00	2.00	0.175	= 8.400 m ³
27.00	1.62	0.175	= 7.655 m ³
29.00	1.62	0.175	= 8.222 m ³
24.00	1.70	0.175	= 7.140 m ³
21.00	1.85	0.175	= 6.799 m ³
23.00	1.85	0.175	= 7.446 m ³
31.00	1.76	0.175	= 9.548 m ³
24.00	1.80	0.175	= 7.560 m ³
27.00	1.90	0.175	= 8.978 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$26.00 \times 1.95 \times 0.175 = 8.873 \text{ m}^3$
					$26.00 \times 1.63 \times 0.175 = 7.417 \text{ m}^3$
					$25.00 \times 2.00 \times 0.175 = 8.750 \text{ m}^3$
					$26.00 \times 1.80 \times 0.175 = 8.190 \text{ m}^3$
					$24.00 \times 1.90 \times 0.175 = 7.980 \text{ m}^3$
					$25.00 \times 2.00 \times 0.175 = 8.75 \text{ m}^3$
					$26.00 \times 1.90 \times 0.175 = 8.645 \text{ m}^3$
					$27.00 \times 1.85 \times 0.175 = 8.741 \text{ m}^3$
					$28.00 \times 1.90 \times 0.175 = 9.310 \text{ m}^3$
					$22.00 \times 1.90 \times 0.175 = 7.315 \text{ m}^3$
					$25.00 \times 1.80 \times 0.175 = 7.875 \text{ m}^3$
					$26.00 \times 2.00 \times 0.175 = 9.10 \text{ m}^3$
					$23.00 \times 2.10 \times 0.175 = 8.453 \text{ m}^3$
					$25.00 \times 1.70 \times 0.175 = 7.438 \text{ m}^3$
					$21.00 \times 2.00 \times 0.175 = 7.350 \text{ m}^3$
					$25.00 \times 2.10 \times 0.175 = 9.188 \text{ m}^3$
					$24.00 \times 1.80 \times 0.175 = 7.56 \text{ m}^3$
					$25.00 \times 2.20 \times 0.175 = 9.625 \text{ m}^3$
					$26.00 \times 1.70 \times 0.175 = 7.735 \text{ m}^3$
					$24.00 \times 1.80 \times 0.175 = 7.56 \text{ m}^3$
					$25.00 \times 1.80 \times 0.175 = 7.875 \text{ m}^3$
					$30.00 \times 1.90 \times 0.175 = 9.975 \text{ m}^3$
					$28.00 \times 1.75 \times 0.175 = 8.575 \text{ m}^3$
					$29.00 \times 1.65 \times 0.175 = 8.374 \text{ m}^3$
					$25.00 \times 1.65 \times 0.175 = 7.219 \text{ m}^3$
					$24.00 \times 1.50 \times 0.175 = 6.300 \text{ m}^3$
					$30.00 \times 1.60 \times 0.175 = 8.400 \text{ m}^3$
					$26.00 \times 1.75 \times 0.175 = 7.965 \text{ m}^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		28.00	2.05	0.175	= 10.095 m ³
		25.00	1.60	0.175	= 7.00 m ³
		26.00	1.70	0.175	= 7.735 m ³
		24.00	1.50	0.175	= 7.50 m ³
		28.00	1.80	0.175	= 8.82 m ³
		24.00	2.00	0.175	= 8.40 m ³
		31.00	1.80	0.175	= 9.765 m ³
		25.00	2.20	0.175	= 9.625 m ³
		25.00	2.00	0.175	= 8.75 m ³
		28.00	1.80	0.175	= 8.820 m ³
		24.00	1.90	0.175	= 7.980 m ³
		29.00	1.70	0.175	= 8.628 m ³
		26.00	1.85	0.175	= 8.418 m ³
		24.00	1.80	0.175	= 7.56 m ³
		25.00	1.80	0.175	= 7.875 m ³
		24.00	1.90	0.175	= 7.980 m ³
		28.00	1.75	0.175	= 8.575 m ³
		24.00	2.20	0.175	= 9.240 m ³
		24.00	1.70	0.175	= 7.140 m ³
		25.00	1.80	0.175	= 7.875 m ³
		27.00	1.90	0.175	= 8.978 m ³
		26.00	1.50	0.175	= 6.825 m ³
		27.00	2.00	0.175	= 9.450 m ³
		25.00	2.10	0.175	= 9.188 m ³
		28.00	1.90	0.175	= 9.310 m ³
		30.00	1.80	0.175	= 9.450 m ³
		25.00	1.52	0.175	= 6.650 m ³
		22.00	2.22	0.175	= 8.547 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$24.00 \times 1.75 \times 0.175 = 7.35 \text{ m}^3$
					$32.00 \times 1.75 \times 0.175 = 9.800 \text{ m}^3$
					$25.00 \times 1.66 \times 0.175 = 7.263 \text{ m}^3$
					$28.00 \times 1.40 \times 0.175 = 6.860 \text{ m}^3$
					$27.00 \times 1.85 \times 0.175 = 8.741 \text{ m}^3$
					$27.00 \times 1.850 \times 0.175 = 8.741 \text{ m}^3$
					$26.00 \times 1.60 \times 0.175 = 7.280 \text{ m}^3$
					$27.00 \times 1.90 \times 0.175 = 8.978 \text{ m}^3$
					$25.00 \times 1.70 \times 0.175 = 7.938 \text{ m}^3$
					$26.00 \times 1.80 \times 0.175 = 8.19 \text{ m}^3$
					$24.00 \times 1.90 \times 0.175 = 7.98 \text{ m}^3$
					$22.00 \times 2.00 \times 0.175 = 7.70 \text{ m}^3$
					$20.00 \times 1.80 \times 0.175 = 6.30 \text{ m}^3$

					$24.00 \times 1.90 \times 0.175 = 7.98 \text{ m}^3$
					$26.00 \times 2.10 \times 0.175 = 9.555 \text{ m}^3$
Shukla 05-11-2020 T.E.				05-11-2020 M	945.00 m ³

Abstract of Cost

1/ Construction of GSB with					
Grading material II					
Qty. vide item no/1/ P (5)					
					= 945.00 m ³
@ Rs 1970.41/m ³					= Rs 1862037.00
Less 10% below					(-Rs) 186204.00
					Rs 1675833.00
Shukla 05-11-2020 T.E.				05-11-2020 M	
					EST



Shukla
05-10-2020
J.E

A
05-10



Latitude: 24.889133
Longitude: 84.479377
Elevation: 103.36 m
Accuracy: 3.2 m
Time: 22-09-2020 14:40
Note: NEWIntroducing



Latitude: 24.883014
Longitude: 84.470899
Elevation: 97.12 m
Accuracy: 3.2 m
Time: 06-10-2020 11:13
Note: NEWIntroducing

Shives
05-10-2020
J.E

AC
05-10



Shukla
05-10-2020
5E

AL
05-10

[illegible]

अजीत कुमार शुक्ला निवासी
लाहौरी-30/87, लखनऊ-226

Contractive systematic disturbance cont.

Work - Repair of Road from Naraula to Kalesiya

Bond - Const - 2,8414,850 / f mant - 2846107 = 3,08,6095 +
 required use - 3 MBD / 2017-18

10% Approval - 10% Below on S/R

7-7-2017 date of Comp. 6-9-2018
 27,04,000 / 27,04,000 = 27,04,000 /

nt made the..... day of 20.....

Executive Engineer R.W.D Works Division Daudnagar

of the other part, the U.S. Government ("The

Employer is desirous a the Contractor execute Output and performance based Rural Road
the maintenance of Roads

all "The Works") and the Employer has accepted the Bid by the Contractor for the
such Works and remedying of my defects therein, at a contract price of Rs. 3,08,00,982/-

each works and remedying of my defects therein, at a contract price of Rs. 3,00,000/-

Signature: [Signature] / M. J. P. Construction Pvt. Ltd.

Patel, Harv
Managing Director

Managing Director

HEAD 3054

BILL OF QUANTITY (BOQ)

Name of Road:- Repair of road from Naraula to kalen in Obra Block

Block:- Obra

District:- Aurangabad

BT Length:- 10.400 KM

CC Length:- 1.100 KM

Total Length:- 11.500 KM

Sl No	SOR No.	Description	Total Quantity	Unit	Rate (In Rs.)	Amount (In Rs.)
1	2.2	Clearing and Grubbing Road Land				
		Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.855	Hac	39,968.78	34,173.00
2	2.13	Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per T. S. Clause 202.				
		Up to 600 mm dia	40.00	mt	136.34	5,454.00
3	2.6	Dismantling				
		Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202.	50.82	Cum	282.43	14,353.00
4	3.4	Construction of Embankment with Material Obtained from Borrow Pits				
		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 (Including Royalty @ Rs 15/= Per Cum.)	5399.51	cum	188.85	10,19,697.00
5	4.1	Granular Sub Base, Gr-II				
		Construction of granular sub-base by, providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	3493.73	cum	1,970.41	68,84,081.00

Executive Engineer
R.W.D. (W) Division,
Daudnagar

Superintending Engineer
Rural Works Department
Works Circle, Aurangabad

Sl No	SOR No.	Description	Total Quantity	Unit	Rate (in Rs.)	
6	4.8	Water Bound Macadam with Crushable Screenings (Moorum) Gr - II				
	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.	1437.67	cum	3,094.59	44,48,999.00
7	4.8	Water Bound Macadam with Crushable Screenings (Moorum) Gr - III				
	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.	1611.19	cum	3,025.39	48,74,478.00
8	5.1	Prime Coat				
		Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of (0.70 - 1.00 Kg) 0.85 kg/sqm using mechanical means.	21482.54	sqm	32.32	6,94,316.00
9	5.2 (iii)	Tack Coat				
		Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloc broom as per technical specification and clause 503.	39000.00	sqm	11.45	4,46,550.00
10	5.9	Open - Graded Premix Surfacing				
		Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or cut-back 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 smooth wheeled roller 8-10 tonne capacity, finished to required level and grades.	39000.00	sqm	130.55	50,91,450.00
11	5.12	Seal Coat Type-B				
		Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B, as per Technical Specification Clause 510	39000.00	sqm	39.28	15,31,920.00

21/11/11
Executive Engineer
R.W.D. (W) Division,
Daudnagar

Superintending Engineer
Rural Works Department
Works Circle Aurangabad

SI No	SOR No.	Description	Quantity	Unit	Rate (in Rs.)	
12	6.4 (a)	Cement Concrete Pavement Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M25 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501	783.75	cum	6,176.19	48,40,589.00
13	10.1	Reinforced cement concrete M15 Grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc				
		Ordinary Km Post	13.00	Nos.	1,993.17	25,911.00
		200 m Stone (Precast)	46.00	Nos.	556.79	25,612.00
14	10.2	Retro-Reflectorised Traffic Signs Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 1.5 mm thick supported on RCC Post 100 mm x 100 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing Clause 1701	1.00	Nos	6813.76	6,814.00
15		Traffic sign Providing and fixing of semi reflective cautionary , mandatory and informatory sign board as per IRC :67 made of 1.5 mm thick MS steel duly stove white colour in front and gray colour on back with red reflective border of 65 mm width and required letters and figures with reflective tape engineering grade as per clause 1701.3.9 of MORD for rural road of required shade and colour supported and welded on 47mmx47mmx12swg sheet tube firmly fixed to the ground by mean of properly designed foundation with M15 grade cement concrete 450x450x600 mm ,600mm below ground level as per approved drawing clause 1701.2.2.				

21/4/22
Executive Engineer
R W D. (W) Division,
Daudnagar

Approved as corrected
21/4/22
Superintending Engineer
Rural Works Department
Works Circle, Aurangabad

Sl No	SOR No.	Description	Total Quantity	Unit	Rate (In Rs.)	Amount (In Rs.)
	i)	600 mm equilateral & triangle, OR	4.00	Nos	1,447.48	5,790.00
	ii)	600 mm circular, OR	3.00	Nos	1,509.93	4,530.00
	iii)	800 mm x 600 mm rectangular, OR	3.00	Nos	1,606.80	4,820.00
	iv)	600 mm x 450 mm rectangular, OR	3.00	Nos	1,503.54	4,511.00
15	9.1	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	203.52	Cum	229.18	46,643.00
16	11.2	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	11.25	Cum	495.37	5,573.00
17	TCE	Brick Flat Soling in foundation:- Brick Flat Soling in foundation Trenches as per drawing and technical specification Clause 1108	149.88	Sqm	282.11	42,283.00
18	11.2(ii)	Plain cement concrete M10 in levelling course below open foundation of head walls as per drawing and technical specification clause 1109	23.98	Cum	5,018.04	1,20,333.00
19	9.3 (B)	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	40.00	M	1,211.96	48,478.00
20	12.1	Brick Masonary work in cement mortar (1:4) in head wall complete as per drawing and technical specification clause 1109 in cement mortar 1:4	133.97	Cum	6,041.85	8,09,427.00
21	12.3	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	585.92	Sqm	141.99	83,195.00
22	TEC	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I	183.24	Sqm	41.65	7,632.00
					Construction cost:-	3,11,27,612.00
23		1st year maintenance cost:-				2,15,815.00
24		2nd year maintenance cost:-				2,93,038.00
25		3rd year maintenance cost:-				6,98,020.00
26		4th year maintenance cost:-				8,89,294.00
27		5th year maintenance cost:-				10,66,176.00
					Maintenance cost:-	31,62,343.00
					Total Cost of BOQ:-	3,42,89,955.00

Total RS. 3,42,89,955
 (Rupees three Crore forty two Lakh eighty nine thousand nine hundred) Only fifty five) only.

Executive Engineer
 Rural Works Department
 Tal. Circle, Aurangabad
 1A/17

Executive Engineer
 R.W.D. (W) Division,

कार्यपालक अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य प्रमंडल, जहानाबाद।

पत्रांक: 11 /

जहानाबाद, दिनांक: 4-1-2021 /

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, जहानाबाद।

सेवा में,

अधीक्षक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, औरंगाबाद।

विषय :- ग्रामीण कार्य विभाग, कार्य प्रमंडल, दाउदनगर के अधीन वर्ष 2020-21 में बाढ़ से क्षतिग्रस्त सड़कों का जॉच प्रतिवेदन समर्पित करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि भवदीय के आदेश के आलोक में कार्य प्रमंडल, दाउदनगर के अधीन वर्ष 2020-21 में भारी वर्षा एवं बाढ़ के फलस्वरूप क्षतिग्रस्त सड़कों का निरीक्षण किया गया जिसका विवरण निम्न प्रकार है-

क्र०	योजना का नाम	चैनेज जिस पर टुटा पाया गया	अनुमानित लंबाई	मोटेरेवल किया गया था या नहीं	अभ्युक्ति।
1	अरण्डा से बख्तियारपुर और बसावनपुर	110.00mtr 215.00mtr 812.00mtr	80.00mtr 30.00mtr 70.00mtr	हाँ	
2	नरौला से कलेन	0- 2700.00mtr	2700 mtr	हाँ	

विश्वासभाजन

4.1.2021

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, जहानाबाद।

SIN o	District	Division	Road Name	Sche me	Road Status	Is Mainta nance(Y/N)	Is Agree ment(Y/N)	Length(I n Km.)	Length of Damage Part Due to Flood	Tentative Restorati on Amount(I n Lac)	Actual Restoratio n Amount:(I n Lac)	Remarks	FDR Year	Start Latitude	Start Longitu de	Mid Latitude	Mid Longitude	End Latitude	End Longitude	Block
10	Aurangabad	Daudnagar	Aranda to Bakhatiar Pur Basawan Pur	MR	Comple ted	Yes	Yes	7.03	0.18	6	0	Restoratio n by brick vate	2020- 21	25.05797	84.6885	25 05706	84 691446	25.05631	84 694434	Goh
11	Aurangabad	Daudnagar	Repair of road from Naraula to Kalen	MR	Comple ted	Yes	Yes	11.5	2.78	8.7	0	Heavy rain over flow of canal water	2020- 21	24.86724	84.4496	24 88329	84.471194	24.92131	84 489488	Obra

अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल, औरंगाबाद।

पत्रांक 1416 / औरंगाबाद, दिनांक 03 / 09 / 2020

प्रेषक

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, औरंगाबाद।

सेवा में

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, औरंगाबाद / दाउदनगर / अरवल / जहानाबाद।

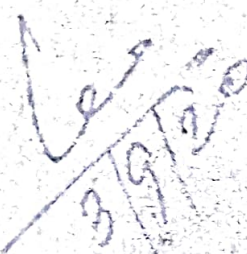
विषय: वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरबुल करने हेतु किए गए कार्य की जांच के संबंध में।

महाशय

सम्बन्धित विषय के संबंध में कहना है कि वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरबुल करने हेतु किए गए कार्य की जांच हेतु निम्न व्यवस्था की जाती है।

क्रम	कार्यपालक अभियंता	आवंटित कार्य प्रमण्डल, जिसकी जांच की जानी है
01	औरंगाबाद	अरवल
02	दाउदनगर	औरंगाबाद
03	अरवल	जहानाबाद
04	जहानाबाद	दाउदनगर

उपरोक्त आलोक में निदेश दिया जाता है कि तीन दिनों के अंदर आवंटित कार्य प्रमण्डल में वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरबुल करने हेतु किए गए कार्य की जांच करना सुनिश्चित किया जायें। संबंधित कार्यपालक अभियंता जांच हेतु पथों का प्राक्कलन तत्काल उपलब्ध करा दें।
विश्वासमान


3/9/20

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, औरंगाबाद