

पत्रांक: - Dr. Camp Patil

दिनांक: - 24/12/2020

संदर्भ: - अलीकडील कनिष्ठा
श्रीमती काजल विनायक काजल
सुप्रीम

सैना से.

मुख्य कनिष्ठा 4.
श्रीमती काजल विनायक, निदेश पत्रा

विषय: - नाट्य कार्योत्सव पर, To the Kashmiri People
Road.

पुणे: - काजल नामक कनिष्ठा श्रीमती काजल विनायक काजल पुणे 4.
वैयक्तिक 964 अगु 19.10.2020, याने 23.12.2020.

महोदय,

उपरोक्त लिखले पत्रांकाने दिली दस्तऐवज,
सुनिश्चित करणे हेतु उपरोक्त पत्रांकाने प्रामाणिकपणे दिले दस्तऐवज,
लावले आहेत. तसेच काजल पुणे 4. प्रकाशित करणे प्रकाशित करणे की-
करीब हेतु अलीकडील कनिष्ठा से सुनिश्चित करणे दिला जात आहे.

प्रतिभावाचा आशीर्वाद

24/12/2020
वसुधैव कुटुम्बकम्
काजल विनायक
काजल विनायक

GOVT. OF. BIHAR

Department :- Rural works Department .
Division :- RWD(W) Division Begusarai
Work name :- FDR to TOI to Kasimpur
pmgsy road .

Flood Damaged Repair Estimate for the road from TOI to Kasim- Pur on dry path for the year 2020

- ① Construction of embankment with appr.
Quantity of material.

$$CH - 5200 - 6200 = 1000 m$$

$$1 \times 1000 m \times av 7.0 m \times av 0.600 = 4200.0 m^3$$

$$\text{for Diversion} - 1 \times 100 m \times av 7.0 m \times av 0.600 = 420.0 m^3$$

cutting near Kasimpur -

$$1 \times 50.0 m \times 7.0 m \times 2.0 m = 700.0 m^3$$

$$\underline{5320.0 m^3}$$

~~1000 m lead - Qty - 3724 m³ @ Rs 162.67/m³ - Rs 605783.00~~
~~1000 m lead - Qty - 1596 m³ @ Rs 190.36/m³ - Rs 303815.00~~
~~5320.0 m³ 173 = 66/m³ 9,20,679 = 00~~

- ② Supplying and filling brick ball with all
complete job.

$$1 \times 50.0 \times 3.25 \times av 0.750 = 121.875 m^3$$

$$1 \times 8.0 \times 2.50 \times av 0.300 = 6.00 m^3$$

$$1 \times 5.0 \times 3.0 \times av 0.300 = 4.50 m^3$$

$$1 \times 12.0 \times 2.5 \times av 0.300 = 9.00 m^3$$

$$1 \times 10.0 \times 3.0 \times av 0.300 = 9.00 m^3$$

$$1 \times 40.0 \times 3.0 \times av 0.400 = 48.00 m^3$$

$$1 \times 20.0 \times 2.5 \times av 0.300 = 15.00 m^3$$

$$1 \times 40.0 \times 3.05 \times 0.350 = 42.70 m^3$$

$$1 \times 20.0 \times 3.05 \times 0.300 = 18.30 m^3$$

$$1 \times 40.0 \times 3.00 \times 0.300 = 36.00 m^3$$

$$1 \times 30.0 \times 3.25 \times 0.300 = 29.25 m^3$$

$$1 \times 100.0 \times 3.25 \times 0.300 = 97.50 m^3$$

$$4 \times 15.0 \times 3.05 \times 0.400 = 73.20 m^3$$

$$\underline{510.325 m^3}$$

$$8,57,326 = 00$$

@ Rs 1810.98/m³ - Rs 924188.00
~~1680 = 127/m³~~

- ③ Construction of GSBT with all complete job.

$$\text{Diversion} - 1 \times 60.0 \times 3.25 m \times 0.150 av = 29.25 m^3$$

$$47175 = 00$$

@ Rs 1700.09/m³ - Rs 49728.00
~~1612 = 82 18,25,780 = 00~~
~~Rs 1883514.00~~

Add Labour cess @ 1%.

$$Rs 18835.00 \times 18252 = 00$$

Add GST @ 12%.

$$Rs 226022.00 \times 2,19022 = 00$$

$$\underline{Rs 2128371.00}$$

$$20,62,454 = 00$$

Say 20,62,454.00 = 00

Prishu
19/10/20
J.E.
Matihani

A.E.
Matihani

20/10/20
E.E. Division
Rao Begusarai


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 24.12.2020

Analysis of Rates (FORMAT F8)

Sl. No.	SDH Sl. No.	MORD Ref	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
35	2.13	202	Removing all types of Hume pipe and stacking Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.	Total Cost	cum		235.98
		(A)	Upto 600 mm dia Hume pipe				
		a)	Labour				
			Mate	day	0.02	305.00	6.10
			Mazdoor (Unskilled)	day	0.52	287.00	149.24
		b)	Overheads @ 6% on (a)				9.42
		c)	Contractor's profit @ 10% on (a+b)				16.47
			Rate per m = a+b+c				181.13
			Total Cost	m			181.13
		(B)	Above 600 mm to 900 mm dia Hume pipe				
		a)	Labour				
			Mate	day	0.03	305.00	9.15
			Mazdoor (Unskilled)	day	0.70	287.00	200.90
		b)	Overheads @ 6% on (a)				2.24
		c)	Contractor's profit @ 10% on (a+b)				22.27
			Rate per m = a+b+c				244.92
			Total Cost	m			244.92
		(C)	Above 900 mm dia Hume pipe				
		a)	Labour				
			Mate	day	0.05	305.00	15.25
			Mazdoor (Unskilled)	day	1.20	287.00	344.40
		b)	Overheads @ 6% on (a)				21.58
		c)	Contractor's profit @ 10% on (a+b)				38.12
			Rate per m = a+b+c				419.35
			Total Cost	m			419.35
			EARTHWORK				
37	3.3	392	Construction of embankment with material obtained from road way cutting Construction of embankment with approved materials deposited at site and obtained from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5 Unit = cum, Taking output = 100 cum				
		(A)					
		a)	Labour				
			Mate	day	0.02	305.00	6.10
			Mazdoor (Unskilled)	day	0.50	287.00	143.50
		b)	Machinery				
			Dozer D-50 for spreading @ 100 cum per hour	hour	0.50	3337.90	1,668.95
			Tractor mounted grader arrangement for grading @ 100 cum per hour	hour	0.50	573.20	286.60
			Water tanker 6 kl capacity	hour	2.00	184.00	368.00
			Three wheel 80-100 kN Static Roller	hour	1.25	803.00	1,003.75
		c)	Material				
			Water	kl	12.50	10.00	125.00
			Compensation for earth	cum	0.00	34.81	0.00
		d)	Overheads @ 6% on (a+b+c)				237.41
		e)	Contractor's profit @ 10% on (a+b+c+d)				419.43
			Rate for 100 cum = a+b+c+d+e				4,613.75
			Rate per cum = (a+b+c+d+e)/100=				46.14
			Total Cost	CUM			46.14
38	3.5	(ii)	Excavation in Soil With Dozer with lead upto 100 m 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 longitudinal and cross sections. Unit = cum Taking output = 180 cum				
		a)	Labour				
			Mate	day	0.08	305.00	24.40
			Mazdoor (Unskilled)	day	2.00	287.00	574.00
		b)	Machinery				
			Dozer D-50 for spreading @ 50 cum per hour	hour	3.60	3,337.90	12,016.44
			Tipper 5.5 cum capacity, 4 trips per hour	hour	0.00	611.00	0.00
		c)	Overheads @ 6% on (a+b)				756.96
		d)	Contractor's profit @ 10% on (a+b+c)				1,387.11
			Cost for 180 cum = a+b+c+d				13,794.91
			Rate per cum = (a+b+c+d)/180				76.64
			Compensation for earth	cum			81.72
			Total Cost	CUM			34.81
			Total A+B				116.53
							162.67

Amg
19/10/20

Amg
19.10.20
Executive Engineer
R.W.D. (W) Division
Bequsarai



Pongu
19/10/20

19.10.2020
Executive Engineer
R.W.D. (W) Division
Begusarai



Asif
19/10/20

Amritha
19/10/2020
Executive Engineer
R.W.D. (W) Division
Benarasai

[illegible]

19/10/20

Executive Engineer
Public (N) Division
Bengaluru

		Rate per cum = (a+b+c+d)/360	Total Cost	CUM				
3.40	302	(A) Construction of Embankment with Material Obtained from Borrow Pits					75.57	
		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					75.57	
		Unit = cum						
	a)	Taking output = 100 cum						
		Labour	day	0.04	305.00		12.20	
		Mate	day	1.00	287.00		287.00	
	b)	Mazdoor (Unskilled)						
		Machinery	hour	1.67	1969.20		3288.56	
		Hydraulic Excavator 0.9 cum bucket capacity @ 60 cum per hour	hour	4.50	1043.00		4693.50	
		Tipper 5.5 cum with 10 t capacity					469.35	
	c)	Add 10 % of the cost of carriage by tipper					1868.95	
		Material					480.00	
		Water	kl	12.00	40.00		480.00	
		Compensation for earth taken from private land	cum	100.00	34.81		3481.00	
	d)	Overheads @ 6 % on (a+b+c)					979.53	
	e)	Contractor's profit @ 10% on (a+b+c+d)					1730.50	
		Cost for 100 cum = a+b+c+d+e					19035.55	
		Rate per cum = (a+b+c+d+e)/100 =					190.36	
3.40	302	Construction of Embankment with Material Obtained from Borrow Pits	Total Cost	CUM			190.36	
		Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting					173 = 143	

19/10/20

19/10/20
Executive Engineer
R. W. P. (C) Division
Bengaluru



Latitude: 25.366843
Longitude: 86.256945
Elevation: 24.4 m
Accuracy: 5.4 m
Time: 05-09-2020 13:12
Note: T01 TO KASIMPUR

Powered by NoteSam



Latitude: 25.369117
Longitude: 86.255946
Elevation: 25.04 m
Accuracy: 3.2 m
Time: 05-09-2020 13:22
Note: T01 TO KASIMPUR

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19/10/20

19/10/2020
Executive Engineer
R.W.D. (W) Division
Begusarai