

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, समस्तीपुर

प्रतिवेदन

योजना का नाम : प्यारेलाल महतो के घर से शंकर चौक।
लंबाई : 2.430 कि०मी०।
प्राक्कलित राशि : 7.41 लाख।
प्रखंड : वारिसनगर।

प्रस्तुत प्राक्कलन वारिसनगर प्रखंड अन्तर्गत प्यारेलाल महतो के घर से शंकर चौक पथ के तत्कालीन मरम्मत कार्य के लिए बनाया गया है। विगत दिनों अत्यधिक बरसात होने के कारण उक्त पथ के पहला कि०मी० एवं दूसरा कि०मी० में काफी गड़ढ़े हो जाने के कारण यातायात बाधित हो रहा था। आवागमन सुचारु करने के लिए प्राक्कलन में ब्रीक्स बैट्स का प्रावधान इस प्राक्कलन में किया गया है। गड़ढ़ों को ब्रीक्स बैट्स से भरकर Hand Packing करने का प्रावधान इस प्राक्कलन में किया गया है।

प्राक्कलन वर्तमान अनुसूचित दर पर बनाया गया है जिसकी तकनीकी अनुमोदन एवं प्रशासनिक स्वीकृति अपेक्षित है।

Pr
27/10/21

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा, वारिसनगर

Omish
27/10/21

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल, वारिसनगर

Omish
27/10/21

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, समस्तीपुर

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, बलिया

पत्रांक 01, ~~कैम्प~~ *समस्तीपुर* दिनांक 15/12/21

प्रेषक:- कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बलिया।

सेवा में,
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, समस्तीपुर।

विषय:- FDR योजना के जॉच के संबंध में।

प्रसंग:- आपका पत्रांक 2292 दिनांक 23/11/21
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के संबंध में कहना है कि निम्नलिखित योजनाओं की जॉचोपरान्त प्राक्कलन सहित लौटायी जाती है।

क्र०	योजना का नाम	प्रखंड	पथ की लंबाई (कि०मी० में)	प्राक्कलित राशि (लाख में)	अभ्युक्ति
1	पूसा बाजार में राज स्टुडियो के निकट से हथी चौक पप्पु चौधरी के दुकान तक	पूसा	0.500	2.260	
2	गढ़िया चौक से धोबगामा सीमा	पूसा	3.520	14.810	
3	पूसा बाजार बोस कम्पनी चौक से दुबहा भाया भुसकौल चौक	पूसा	5.900	4.050	
4	हरपुर पीच रोड से जगदीशपुर भाया नावाचक नारायणपुर	पूसा	4.570	9.840	
5	दिधरा पंचायत विशनपुर मोड़ संजय पासवान के घर से कृषि वि० केन्द्र बिरौली	पूसा	3.000	10.120	
6	वैनी टेलीफोन एक्सचेंज से पी०डब्लू०डी रोड आयरन फैक्ट्री होते हुए चन्दौली	पूसा	6.570	9.650	
7	पी०डब्लू०डी. मोतीपुर चौक से दाउदपुर पैक्स भाया मैरोखरा इमली चौक	समस्तीपुर	3.000	3.923	
8	लकड़ी चौक से रसलपुर भाया केवस मंदिर	समस्तीपुर	3.000	1.006	
9	टी०१ से जितवारपुर	समस्तीपुर	1.000	2.240	
10	रामकृष्णपुर आर०ई०ओ० से किशनपुर आर०ई०ओ० तक	समस्तीपुर	1.600	2.820	
11	आधारपुर से विक्रमपुर बान्दे	समस्तीपुर	5.680	1.120	
12	धुरलख मिडिल स्कूल से एन०एच० मोहनपुर	समस्तीपुर	1.200	7.040	
13	हरपुर एलोय से साह जी टोला	समस्तीपुर	1.050	0.669	
14	एल०४४ से एस०एच० धुरलख	समस्तीपुर	1.560	1.319	
15	एल०६३ एस०एच० से नीरपुर	समस्तीपुर	2.897	0.250	
16	एस०एच० टी०४ से चकअब्दुलगनी	समस्तीपुर	1.200	1.390	

17	कुशैया पारसनाथ ठाकुर के घर से मोईन पोखर गोलक सदा के घर होते हुए विहार स्थान	वारिसनगर	1.060	5.660	
18	एल061 चकमिल्की से हजपुरवा	वारिसनगर	3.200	3.050	
19	नकटा वारिसनगर से बल्लीपुर	वारिसनगर	7.500	7.140	
20	बसंतपुर रमणी में नकटोल घाट से कमला बाहा एल027	वारिसनगर	2.500	11.910	
21	इलमासनगर से किशनपुर रेलवे स्टेशन	वारिसनगर	5.000	1.890	
22	भुदटा राजत चौक बलाही से मोहिउददीनपुर भाया तारी टोला	वारिसनगर	3.660	5.080	
23	टी02 परोडिया से मोहिउददीनपुर	वारिसनगर	6.100	1.350	
24	प्यारेलाल महतो के घर से शंकर चौक	वारिसनगर	2.430	7.410	
25	लमट्टा चौक से महादलित टोला	वारिसनगर	0.970	1.410	
26	एस0एच0 से नरंगा	कल्याणपुर	2.636	2.579	
27	कुशियारी चौक से परना डरोरी पथ	कल्याणपुर	4.100	6.449	
28	कल्याणपुर चौक से मधुबन किशनपुर	कल्याणपुर	4.100	3.607	
29	लदौरा से चकमहेशी गंगौरा	कल्याणपुर	17.060	7.604	
30	खानपुर पी0सी0सी0 रोड से सिमरी चन्द्रसेन पथ	खानपुर	3.300	3.066	
31	बरगौंव चौक से शोभन घाट	खानपुर	2.600	5.339	
32	खैरी से खैराज पथ	खानपुर	5.450	14.094	
33	खानपुर से मननपुर तक भाया शादीपुर	खानपुर	7.100	7.976	
34	बच चौक से बच घाट पार्ट-1	ताजपुर	0.200	0.890	
35	टी01 सरवरगंज से नून नदी पुल	ताजपुर	0.625	1.467	
36	टी01 से मधुपुर पार्ट-1	ताजपुर	1.100	1.978	
37	गंज पुल से बाघी	ताजपुर	3.334	2.260	
38	कन्सट्रक्सन रोड जोगिया मठ प्राथमिक विद्यालय पी.डब्लू.डी. पथ के निकट से एन0एच0-28 तक जाने वाली पथ	ताजपुर	1.200	7.500	
39	एन0एच0-28 से मोतीपुर	ताजपुर	0.600	1.010	
40	एन0एच0-28 पेट्रोल पंप से शंकर सीनेमा	ताजपुर	0.500	1.560	
41	एस0एच0 49 खरहा चौक से मीना रानी	ताजपुर	0.900	0.860	
42	एन0एच0-28 गाँधी चौक से नीम चौक	ताजपुर	0.500	1.470	
43	एन0एच0-28 से शंकर सीनेमा	ताजपुर	0.200	1.720	

अनु0-यथोक्त।

विश्वासभाजने
 कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल, सम्मेलीपुर बालिया

GENERAL ABSTRACT OF COST

Block	Warisnagar
construction length of Road	
Name of Road	

District- Samastipur
2.43 KM
Pyarelal mahto ke ghar to shankar chowk

Sr.no	Item of work	Amount
A	Total cost of Construction	655749
	Add GST@12%	78690
	Add labour Cess@1%	6557
	Total Project Cost(A)	740997

Bay 7, 41,000 ± 20 gwy

27/10/21
junior Engineer

27/10/21
Assistant Engineer

Executive Engineer

Provisionally Technicians sometimes for Rs 7,41,000=00 Series Card
fourty one thens and ^{hous} only in 14000 CP and ONC.

(Signature)
24/12/20
बकायत बाणिक
राजीव कारे विभा.
कारे संघ, एचसीओ

L
AQ
24.12.2021.

Sfor
29/12/21
T.A

Details Estimate of FDR from Pyarelal mahto ke ghar to shankar chowk
road for year 2021-22

item.No.	Item of work	Unit	rate	Qty	Amount
1	supplying & Filling Bricks Bat & compacting Manually by CI hammer Including all Complete Job				
		cum	1896.72	345.73	655749.2
				Total	655749.2

Asst
27/10/21

Pratik
27/10/21
A.E.

**Details measurement FDR from Pyarelal mahto ke ghar to shankar chowk
road for year 2021-22**

item.No	Item of work	No	length	width	thickness	Qty
1	supplying & Filling Bricks Bat & compacting Manually by CI hammer Including all Complete Job					
	CH-0.0-0.500 KM	2	15.00	1.50	0.30	13.50
		2	15.00	1.20	0.20	7.20
		1	3.20	1.90	0.25	1.52
		1	14.00	1.20	0.20	3.36
		1	2.90	1.75	0.20	1.02
		1	1.50	1.20	0.10	0.18
		1	3.50	1.20	0.20	0.84
		3	7.15	1.00	0.30	6.44
		1	5.75	3.50	0.20	4.03
		1	4.50	3.20	0.30	4.32
		1	2.10	1.10	0.20	0.46
		1	6.70	1.25	0.20	1.68
		1	2.55	2.75	0.20	1.40
		1	7.50	0.90	0.30	2.03
		1	6.00	1.80	0.20	2.16
		1	7.00	0.75	0.20	1.05
		1	13.00	1.50	0.25	4.88
		2	8.00	0.90	0.20	2.88
		1	5.00	0.75	0.20	0.75
		1	10.00	0.90	0.20	1.80
		1	6.00	0.60	0.15	0.54
		2	8.00	1.20	0.15	2.88
		1	12.00	0.90	0.10	1.08
		1	5.20	1.80	0.10	0.94
		1	3.50	0.60	0.25	0.53
		1	6.00	0.90	0.35	1.89
		1	3.90	0.60	0.30	0.70
		1	3.50	0.90	0.20	0.63
		3	7.50	0.90	0.30	6.08
		1	1.20	3.00	0.20	0.72
		1	1.20	0.90	0.20	0.22
		1	7.00	2.40	0.35	5.88
		1	5.00	1.80	0.25	2.25
	CH-1.00-1.500	1	4.50	1.20	0.35	1.89
		2	3.70	0.90	0.30	2.00
		1	8.70	0.90	0.30	2.35
		1	3.50	1.20	0.30	1.26
		1	3.70	2.10	0.20	1.55
		1	5.60	1.80	0.25	2.52

		1	2.10	1.80	0.30	1.13
		1	6.70	0.75	0.20	1.01
		1	25.00	1.20	0.45	13.50
		1	15.00	2.10	0.20	6.30
		1	3.70	1.80	0.15	1.00
		1	4.60	1.50	0.20	1.38
		1	3.90	1.20	0.10	0.47
		1	4.90	3.25	0.20	3.19
		1	14.50	1.20	0.20	3.48
		1	2.50	0.60	0.30	0.45
		1	4.80	1.20	0.25	1.44
		1	18.00	0.90	0.15	2.43
CH-2.0-2.4 KM		1	29.00	0.90	0.25	6.53
		1	8.90	1.20	0.20	2.14
		1	16.00	1.20	0.20	3.84
		1	9.00	1.50	0.15	2.03
		2	4.00	0.90	0.20	1.44
		1	3.00	0.75	0.15	0.34
		1	11.20	0.60	0.30	2.02
		1	18.50	0.60	0.25	2.78
		3	4.00	2.90	0.15	5.22
		1	2.00	0.90	0.20	0.36
		1	4.00	0.60	0.20	0.48
		1	5.50	0.90	0.30	1.49
		1	5.00	1.80	0.15	1.35
		1	2.00	1.20	0.10	0.24
		1	10.00	1.50	0.20	3.00
		1	6.00	1.20	0.10	0.72
		1	5.00	0.75	0.20	0.75
		1	2.70	0.60	0.15	0.24
		1	12.00	0.90	0.25	2.70
		2	3.00	1.80	0.20	2.16
		1	4.00	1.50	0.15	0.90
		1	10.00	1.20	0.25	3.00
		1	23.00	1.50	0.15	5.18
		1	12.00	0.90	0.10	1.08
		1	35.00	1.80	0.20	12.60
		1	21.00	3.00	0.25	15.75
		1	29.00	1.50	0.20	8.70
		1	6.00	3.00	0.10	1.80
		1	9.00	1.50	0.15	2.03
		1	15.00	1.50	0.20	4.50
		1	5.00	1.20	0.20	1.20
		1	14.50	0.90	0.30	3.92
		1	7.00	3.50	0.30	7.35
		1	13.00	3.00	0.20	7.80
		1	8.00	1.20	0.20	1.92

1	7.00	0.90	0.10	0.63
1	5.00	3.00	0.15	2.25
1	13.50	1.50	0.20	4.05
1	10.00	1.20	0.20	2.40
1	30.00	1.50	0.15	6.75
1	17.00	0.90	0.30	4.59
1	6.00	3.00	0.20	3.60
1	13.50	1.20	0.45	7.29
1	6.00	3.00	0.20	3.60
1	19.00	1.80	0.15	5.13
2	29.00	1.70	0.25	24.65
1	21.00	3.00	0.20	12.60
1	19.00	1.20	0.15	3.42
4	5.75	1.75	0.20	8.05
3	3.20	1.25	0.10	1.20
12	1.80	0.90	0.25	4.86

Total Qty 345.73 cum

End point

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27/10/21
JE

Chmish
27/10/21
A E

Qm
27.10.21

BEST RATE FOR A.D.K. RESTORATION
With C.P. with CARRIAGE, AND WITHOUT CARRIAGE FOR RWD Circle SAMASTIPUR.

A. CLEARING, GRUBBING — 59,306 = 02/Hectare
LABOUR NO RATE with C.P. 10%
LABOUR — 150 NO — 304 = 00
MATE — 6 NO — 321 = 00
MACHINERY,

TRACTOR MOUNTED
WITH TROLLY — 1.0 HOUR — 612 = 00
OVER HEAD — 12%
CONTRACTOR PROFIT 10%
Rs 612 = 00
Rs 5776 = 56
Rs 5391 = 56

Total — 59306 = 02
Say — 59306 = 02/Hectare.
Including GST, L.S.S., Reg. fee.

B. Construction of Embankment
from borrow pits, with width
1.5M, lead 1000.0M, Table 300.1
300.2, All complete job.
Quantity — 100.0 M³.

LABOUR
MATE — 0.04 NO C 321 = 00 — Rs 12.84
Maxdhar unskilled — 1.00 NO C 304 = 00 — Rs 304 = 00

MACHINERY

Hydraulic Excavator — 1.67 H C 2702 = 00 — Rs 4512 = 00
Tipper 5.5 cum with 10
Capacity — 4.5 H C 1183 = 00 — Rs 5323 = 50
Add 10% for Cost of Carriage
Tipper — Rs 5322 = 35

Doser D 50 for Spreading 100 cum
1.0 Hour C 612 = 00 Rs 612 = 00

Water tanker 6000 Capacity — 2.0 Hour C 907 = 00 Rs 1814 = 00

Three wheel Roller 90 to 100 kN
Static roller C 80 cum/Hour 1.25 Hour — C 901 = 00 Rs 1126 = 25

Material
Water — 12.0 k³ — C 70 = 00 — Rs 480 = 00

Compensation for
Earth — 100.0 M³ C 34 = 82 — Rs 3482 = 00

over Head Charge 12% on A+B+C+D — Rs 2221 = 66

Contractor Profit 10% — Rs 24438 = 30

Total — 24438 = 30
Say 24438 = 30/M³
Including GST, L.S.S., Reg. fee.

29.8.21
24.8.21
24.8.21

C. Water Bound Macadam with
stone screening Grade III
... all complete work.

By Mechanical means
out put - 360.0 MB.

LABOUR

Mate	0.68 NO	C 321=00	Rs 218=28.
Skilled Labors	2.00 NO	C 385=00	Rs 770=00
Unskilled Labors	15.00 NO	C 304=00	Rs 4560=00

MACHINERY

Tractor mounted Grader	14.40 Hour	C 612=00	Rs 8812=80
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Three wheel, 80-100 KN.

Static roller	8 MB/Hour	45.0 Hour	C 901=00	Rs 40545=01
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Water Tanker	613 Capacity	24.0	C 907=00	Rs 21768=01
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Material

Grading 3 53MM to 22.4 MM			
C 0.91 MB / 10 M ² Compacted			
Thickness of 75 MM	435.60 MB	508=85	Rs 2,19,477=06
Stone Screening	86.40 MB	392=53	Rs 33,914=59

Tape B, 11.2 MM for Grading II			
C 0.18 MB / 10 M ²	144 K9	40=00	Rs 5760=00
Water			Rs 4029=71

Over Head Charge 12% material.
Contractor Profit 10%

Total Rs 4,13,737=30

Say - Rs 1149=27/MB. Excluding Carriage GST.

Carriage Cost on per Actual load for, fees, highway fee.

Stone Material Grading III to 21 MB and.

Screening Material 0.24 MB with least loss.

Providing and Laying Cement Concrete

NPS Hume pipe 600MM dia in gauge road.

UNIT - 7.5 Meter	0.024	C 324=00	Rs 12=84
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LABOR - Mate	0.024	C 324=00	Rs 12=84
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Mason 1st class	0.04 day	C 408=00	Rs 16=32=0
LABOR unskilled	0.12 day	C 304=00	Rs 36=48.

Sand at site	0.024 MB	C 1512=70	Rs 36=30
Cement at site	0.018 Tonne	C 5732=62	Rs 103=19

NPS A.C.C Hume pipe with	7.50 Meter	C 2490=24	Rs 18676=80
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Call of

(Signature)
24.8.17
Sd/-
Sd/-
Sd/-

Providing and Laying Cement
Concrete Pipe NPS, as per design
in single row, ... all comp.
Quantity - 7.5 metre, 600 MM dia.

Material

- A. Sand at Site — $0.04 \text{ m}^3 \text{ @ } 175 = 80 / \text{m}^3 - \text{Rs}$
 B. Cement — $0.018 \text{ MT @ } 5266 = 20 / \text{MT} - \text{Rs } 94 = 79$
 C. Hume pipe 600 MM dia - 7.5 metre - $\text{Rs } 2310 = 200 / \text{metre} - \text{Rs } 17,325 = 00$

LABOUR

- Mate — $0.04 \text{ NO @ } 321 = 00 - \text{Rs } 12 = 80$
 Mason 1st class $0.12 \text{ NO @ } 408 = 00 - \text{Rs } 48 = 96$
 Mazdoor unskilled $0.96 \text{ NO @ } 304 = 00 - \text{Rs } 291 = 84$

Add over Head Charge 20% on M & L

Contractor profit 10%

Total - Rs
 $17,777 = 60$
 $\text{Rs } 3555 = 52$
 $\text{Rs } 21,993 = 42$
 $\text{Rs } 2133 = 31$
 $\text{Rs } 23466 = 49$

Rate for /M 600 M.M dia H.P NPS

Rs. 3128 = 85 / metre Ex cludg.

Carriage Cost of Material, GST, LIES, Surcharge etc.

E. Providing and Laying NPS 1000.0 MM dia
 Hume Pipe in single row.
 Quantity — 7.5 metre.

Material

- A. Sand at Site — $0.04 \text{ m}^3 \text{ @ } 175 = 80 / \text{m}^3 - \text{Rs}$
 B. Cement at Site — $0.03 \text{ MT @ } 5266 = 20 / \text{MT} - \text{Rs } 157 = 98$
 C. R.C.C NPS H.P 1000 MM dia — 7.5 M — $5565 = 200 / \text{metre} - \text{Rs } 41737 = 50$

LABOUR

- Mate — $0.09 \text{ day @ } 321 = 00 / \text{day} - \text{Rs } 28 = 27$
 Mason 1st class — $0.25 \text{ day @ } 408 = 00 / \text{day} - \text{Rs } 102 = 00$
 unskilled labor — $2.00 \text{ NO @ } 304 = 00 / \text{day} - \text{Rs } 608 = 00$

Add over Head Charge 20%

Add 10% Contractor profit

Total - Rs
 $4264 = 40$
 $\text{Rs } 8528 = 25$
 $\text{Rs } 57164 = 00$
 $\text{Rs } 5116 = 95$

Rate — Rs 7504 = 88 / metre Ex cludg.

Carriage cost of materials as per my order
 Actual land, GST, LIES, Surcharge etc.

अथवा
 भारतीय नौसेना
 भारतीय नौसेना
 भारतीय नौसेना
 भारतीय नौसेना

F. Granular sub base with 10%
Good quality natural C&G mix and
place method for grading fine
materials.

unit - 300.0 M³ out Put
M³ate ————— 0.48 M³ C 321 = 00 — Rs 154208
SKilled labor ————— 2.00 NO C 385 = 00 — Rs 770 = 00
un skilled labor — 10.00 NO C 304 = 00 — Rs 3040 = 00

Machinery

Tractor mounted Grader for
grading 100 M³/hr — 12.0 C 612 = 00 — Rs 7344 = 00
Three wheel RMR 80-100 KVA — 30.0 C 901 = 00 — Rs 27030 = 00
Tractor with water tank — 12.0 C 573 = 20 — Rs 6878 = 40
water tank 6K capacity — 5.0 C 907 = 00 — Rs 4535 = 00

Material

26.5 M³ to 9.5 M³ — 35% — 134.40 C 595 = 36 — Rs 80,016 = 38
9.5 M³ to 2.36 M³ — 25% — 96.00 C 506 = 92 — Rs 48664 = 32
2.36 M³ below — 40% — 158.60 C 141 = 87 — Rs 21788 = 16
water ————— 3049 C 40 = 00 — Rs 1240 = 00

over Head Charge 12%
Contractor Profit 10%

Hence Basic Rate / M³ — 827 = 17 / M³
Eq clutch Carriage, GST, L. Sec, Enginse fee.

(G.)

Water Bond Macadam WBM.
Grade II, by mechanical means

out Put — 360.0 M³

M³ate ————— 0.68 NO C 321 = 00 / NO — Rs 218 = 28.
SKilled labor — 2.00 NO C 385 = 00 / NO — Rs 770 = 00
un skilled labor — 15.00 NO C 304 = 00 / NO — Rs 4560 = 00

Machinery

Tractor mounted Grader — 14.40 Hr C 612 = 00 / Hr — Rs 8812 = 00
Three wheel 80-100 KVA Stator 2018 — 45.04 C 901 = 00 / Hr — Rs 40545 = 00
water tank 6K capacity — 24.0 H C 907 = 00 / Hr — Rs 21768 = 00

Material

63 M³ to 45 M³ ————— 435.60 M³ C 473 = 70 / M³ — Rs 2,06,343.
Stm screening Type B 11.2 M³ — 96.01 M³ C 392 = 53 / M³ — Rs 37681.
Barking material — 28.80 M³ C 158 = 35 — Rs 4560.
water ————— 144 K9 C 40 = 00 — Rs 5760.

over Head Charge — 12% — Rs 39723.

10% Contractor Profit — Rs 37074 = 81

Hence Basic Rate — 1132 = 84 / M³ Total — 4,07,822 =
Eq clutch Carriage, GST, L. Sec, 10% Enginse fee

$$\text{Stable Rate/mole} = \frac{1061.98}{30.50M} = R \quad 34 = 81 / \text{mole}$$

completing 2nd
Tearing out Pat - 9.90M2

materials

Materials
Nails 75mm to 100mm lg - 0.25 kg CR 61 = 74/kg - R 15 = 43
1 No 2 408 = 10/10 - R 408 = 00
115 = R 908 = 00

Carpenter =
unskilled labor =

Add over Hand Charge — 12% — $\frac{100}{112}$ $\frac{87}{87} = 29$
 Total = $\frac{87}{87} = 72$

Add 10% C.P. _____

$81 = 97$

Spine Rate/m² — R_D. 96 = 36/m² — R_D 896 = 19

- Laser for fitting firing bamboo
 summer with all complete sub,
 (624 ft to 75 MM dia), out put - 30.50M
 18/11/14 - 15/13

Material

Material
75 mm to 100 mm long nails - 0.25 kg ea 61 = 74/14 - 15 = 43
0.25 No ea 304 = 60/140 - 76 = 00
100 mm to 150 mm long nails - 0.25 kg ea 100 = 100/140 - 51 = 0

0.25 NO CM 507-20
0.125 NO CM 408-20/NO-51-0

Carpet for 142 = 4

~~Handwritten Labors for / m - Rs~~ 17 = 0

Add overhead cost 12% $\frac{17.90}{1.12} = 15.98$

• Add 10% CWP  15%

James Raze / m. 28 — R. 5-75 / med. 175-4

Erklärung G. 25, K. 25, Zeugnis f. d. 1.

May 24 8.21

कृष्णाय नमः

आयोज्य कार्य विभाग

अष्टादश संवत्, अश्विनी

24.8-1

spreading, Hand packing with
 CI Hammer in layers 75mm thick
 including cost of light barriers
 dangle, equal chimney door, tax
 royalty etc all complete job.
 Quantity - 2.892 MB

A. Labour unskilled - 1.50 NO @ 304 = 00 - Rs 456 = 00
 B. Compaction of Bricks - 0.67 NO @ 304 = 00 - Rs 203 = 68
 unskilled labor - 0.67 NO @ 304 = 00 - Rs 3010 = 41
 C. Brick lat - 2.892 MB @ 1069 = 00 - Rs 89 = 65
 D. Local sand - 0.632 MB @ 141 = 85 / MB - Rs 89 = 65
 Total - 3759 = 74
 Rs 451 = 16
 Add over head charge 12% -
 Rs 4210 = 90
 Add 10% Contractor Profit -
 Rs 421 = 09
 Rs 4631 = 99
 Rs 1635 = 58 / MB
 Hence rate / MB

Carriage of Materials

Carriage for Bricks 1 MB Brick lat (300 NO)
 @ Rs 776 = 64 / NO - Rs. 232 = 99
 Carriage for local sand
 0.22 MB @ Rs 127 = 99 / MB - Rs. 28 = 15
 Total - Rs 1896 = 72

E. Labour cost, including cost of material, Carriage, for Empty cement bag filling. Single bag fee.
 Cold bag (reused) - all complete job.
 Out put 100.0 NO

Labour cost

unskilled labour
 304
 Labor for carrying and packing
 C.C. Bag
 unskilled labor -

Material

Local sand - for 100 Bag

Cost of Empty cement bag (Reused) 100 NO @ 2 = 92 -
 Add over head charge 12%
 Add 10% Contractor Profit
 Add Carriage cost for local sand
 8.5 MB @ 127 = 99
 Hence Rate / Bag - Rs

Handwritten signature and stamp
 24.8.2021

Seq - 1,000 NO (the Hemoalmet NO)

Total - R_D 2411 = 70

$$R_2 \quad 289 = 50$$
$$-2700 = 10$$

2970 = 11

1785

1847-1848

10 9912/10

$$-R_2 \quad 3429 = 30$$

25.00/15

~~25 = 60/240~~

100's on each

44.

BEST RATE FOR A.D.K. [RESIDUAL] WITH C.P. WITH CARRIAGE, AND WITHOUT CARRIAGE FOR RND Circle SAMASTIPUR.

A. CLEARING, GRUBBING — 59,306 = 02/Hectare
 LABOUR — NO RATE with C.P. 10%
 LABOUR — 150 NO — 304 = 00 — 45600.00
 MATE — 6 NO — 321 = 00 — Rs 1926.00
 MACHINERY, TRACTOR MOUNTED
 WITH TROLLY — 1.0 HOUR — 612 = 00 — Rs 612.00
 OVER HEAD — 12% — Rs 5776.56
 CONTRACTOR PROFIT 10% — Rs 5391.26

Total — 59306.02

B. Construction of Em Bankment from borrow pits, with lift 1.5M, 1 end 100.0M, Table 300.1 300.2, All complete job. Quantity — 100.0 M³.
 Say — 59306 = 02/Hectare. Excluding GST, L.S.S., Sign fee.

LABOUR — 0.04 NO C 321 = 00 — Rs 12.84
 MATE — 0.04 NO C 304 = 00 — Rs 304.00
 Maxdax wongkilled — 1.00 NO C 304 = 00 — Rs 304.00
 MACHINERY
 Hydraulic Excavator — 1.67 H C 2702 = 00 — Rs 4512.00
 Tipper 5.5 cum with 10 Capacity — 4.5 H C 1183 = 00 — Rs 5389.50
 Add 10% for Cost of Carriage — Rs 532.35
 Doser D 50 for Spreading 100 cum — 1.0 Hour C 612 = 00 — Rs 612.00
 Water Tanker 6000 Capacity — 2.0 Hour C 907 = 00 — Rs 1814.00
 Three wheel Roller 90 to 100 cum — 1.25 Hour C 901 = 00 — Rs 1126.25
 Static roller 80 cum/Hour — 1.25 Hour C 901 = 00 — Rs 1126.25
 Material
 Water — 12.0 M³ — 470.00 — Rs 470.00
 Compensation for Earth — 100.0 M³ C 34 = 82 — Rs 3482.00
 Over Head Charge 12% to A+B+C+D — Rs 222.66
 Contractor Profit 10% — Rs 244.38
 Total — 24488.30
 Say 244 = 38/M³, Excluding GST, L.S.S., Sign fee.

29.8.24
 24.8.24
 24.8.24

c. Water Bored Macadam with
stone covering Type B, Grade III
... an complete job.
By Mechanical Means,
Output - 360.0 MB.

LABOUR
Mate - 0.68 NO - C 221=00 - Rs 218=28.
Skilled Labor - 2.00 NO - C 385=00 - Rs 770=00
Unskilled Labor - 15.00 NO - C 304=00 - Rs 4560=00
Machinery
Tractor Mounted
Grader - 14.40 Hour - C 612=00 - Rs 8812=30

Three wheel, 80-100 KN.
Stake roller C 8 MB/Hour - 45.0 Hour - C 901=00 - Rs 40545=00
Water Tanker 615 Capacity - 24.0 - C 907=00 - Rs 21768=00

Material
Grading 3.53 MB to 22.4 MB
C 0.91 MB/10 M² Compacted
Thickness of 75 MM - 435.60 MB - 503=85 - Rs 2,19,477=06
Stone Screening - 86.40 MB - 392=53 - Rs 33,914=59

Tube B, 11.2 MM for Grading III
C 0.18 MB/10 M² - 144 KG - 40=00 - Rs 5760=00
Water - Rs 40297=00
Over Head Charge 12% material - Rs 37612=48.
Contractor Profit 10% - Rs 37612=48.

Total Rs 4,13,737=30

Bay - Rs 1149=27/MB. Excluding Carriage GST.
Carriage Cost on per Actual for, fees, sign, fuel.
Stone Material Grading III to 21 MB and.
Screening material 0.24 MB with lowest cost.

Providing and Laying Cement Concrete
NP3 Humc pipe 600 MM dia in large road.
UMR - 7.5 Mtr. - 0.04 day - C 221=00 - Rs 12=84
Labor - Mate - 0.04 day - C 221=00 - Rs 12=84

Max door
Members 1st class - 0.04 day - C 408=00 - Rs 16=32-0
Labor unskilled - 0.12 day - C 304=00 - Rs 36=48
Sand at site - 0.024 MB - C 1512=70 - Rs 36=30
Cement at site - 0.018 Tonne - C 5732=62 - Rs 103=19
NP3 R.C.C Humc pipe with
C 2490=24 Rs 18676=80
7.50 Mtr. - C 2490=24

Collected
24/5/17
Vishal K. Sharma
Manager and Finance
24/5/17

Providing and Laying Cement
Concrete Pipe NPS as per design
in single row, ... all comp.
Quantity - 7.5 metre, 600 MM dia.

Material

- A. Sand at Site — $0.04 \text{ m}^3 \text{ @ } 175 = 80 / \text{m}^3 - \text{Rs}$
 B. Cement — $0.018 \text{ MT @ } 5266 = 20 / \text{MT} - \text{Rs } 94 = 79$
 C. Hume pipe 600 MM dia - 7.5 metre - $2310 = 20 / \text{metre} - \text{Rs } 17,385 = 80$

LABOUR

- Mate — $0.04 \text{ NO @ } 321 = 80$ — $\text{Rs } 12 = 80$
 Mension 1st class $0.12 \text{ NO @ } 408 = 80$ — $\text{Rs } 48 = 96$
 Mazdars unskilled $0.96 \text{ NO @ } 304 = 80$ — $\text{Rs } 291 = 84$

Add over Head Charge 20% m a t b

Contractor profit 10%

Total — $\text{Rs } 17,777 = 60$
 $\text{Rs } 3555 = 52$
 $\text{Rs } 21,993 = 42$
 $\text{Rs } 2199 = 31$
 $\text{Rs } 23466 = 49$

Rate for / M 600 M.M dia H.P NPS

$\text{Rs } 3128 = 85 / \text{metre}$ Excluding

Carriage Cost of Material, GST, LIES, Sanyam fee

E. Providing and Laying NPS 1000.0 MM dia

Hume Pipe in single row.

Quantity — 7.5 metre.

Material

- A. Sand at Site — $0.04 \text{ m}^3 \text{ @ } 175 = 80 / \text{m}^3 - \text{Rs}$
 B. Cement at Site — $0.03 \text{ MT @ } 5266 = 20 / \text{MT} - \text{Rs } 157 = 98$
 C. R.C.C NPS H.P 1000 MM dia — 7.5 M — $5565 = 40 / \text{metre} - \text{Rs } 41737 = 80$

LABOUR

- Mate — $0.09 \text{ day @ } 321 = 80 / \text{day} - \text{Rs } 28 = 80$
 Mension 1st class — $0.25 \text{ day @ } 408 = 80 / \text{day} - \text{Rs } 102 = 80$
 Unskilled labor — $2.00 \text{ NO @ } 304 = 80 / \text{day} - \text{Rs } 608 = 80$

Add over Head Charge 20%

Add 10% Contractor profit

Total — $\text{Rs } 4264 = 40$
 $\text{Rs } 8538 = 28$
 $\text{Rs } 51169 = 60$
 $\text{Rs } 5116 = 98$
 $\text{Rs } 56286 = 58$

Rate — $\text{Rs } 7504 = 88 / \text{metre}$ Excluding

Carriage cost of materials at place of work
 Actual 1 end, GST, LIES, Sanyam fee.

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F. Granular sub base, with 10%
 Graduated material (as mix and
 place method) for Grading Two
 Materials

Unit - 300.0 M³ of P.F.

Material
 Mate ——— 0.48 M³ @ 321 = 154.08
 Skilled Labor ——— 2.00 NO @ 385 = 770.00
 Unskilled Labor ——— 10.00 NO @ 304 = 3040.00

Machinery

Tractor mounted Grader for
 Grading 100 M³ / Day ——— 12.0 @ 612 = 7344.00
 Three wheel Rmtr 80-100 M³ ——— 30.0 @ 901 = 27030.00
 Tractor with water tank ——— 12.0 @ 573 = 6878.40
 Water tanker 6K capacity ——— 5.0 @ 907 = 4535.00

Material

26.5 MM to 9.5 MM ——— 35% ——— 134.40 @ 595 = 80,016.00
 9.5 MM to 2.36 MM ——— 25% ——— 96.00 @ 506 = 48664.00
 2.36 MM Below ——— 40% ——— 153.60 @ 141 = 21788.16
 Water ——— 3049 @ 40 = 12196.00

over Head Charge 12%

Contractor Profit 10%

Hence Basic Rate / M³ ——— 827 = 17 / M³

Including Carriage, GST, L. & S, & insurance fee.

(G.)

Water Bound Macadam with

Grade II, by mechanical means

Unit - 360.0 M³

Material
 Mate ——— 0.68 NO @ 321 = 218.28
 Skilled Labor ——— 2.00 NO @ 385 = 770.00
 Unskilled Labor ——— 15.00 NO @ 304 = 4560.00

Machinery

Tractor mounted Grader ——— 14.40 Hrs @ 612 = 8812.80
 Three wheel 80-100 KN static weight ——— 45.0 H @ 901 = 40545.00
 Water tanker 6K capacity ——— 24.0 H @ 907 = 21768.00

Material

63 MM to 45 MM ——— 435.60 M³ @ 473 = 2,06,343.80
 Stone screening Type B 11.2 MM ——— 96.01 M³ @ 392 = 37,684.72
 Binding material ——— 28.80 M³ @ 158 = 4560.96
 Water ——— 144 Kgs @ 40 = 5760.00

over Head Charge ——— 12%

10% Contractor Profit ———

Hence Basic Rate ——— 1132 = 84 / M³

Including Carriage, GST, L. & S, 10% & insurance fee

24.8.21

प्रमाणित
 प्राचीन कार्य विभाग
 जिला संघ, अमरावती

- A. Labour for cutting 62mm to 75mm dia Bamboo poles assuming 20.0M pile, Sink - 1.525M deep. Total Sink depth - 30.50M.

Labour			
Carpenter	0.25 NO @ 408 = 100		Rs 102 = 11
unskilled labour	2.50 NO @ 304 = 760		Rs 760 = 60
			Rs 862 = 60
Add over Head charge - 12%			Rs 109 = 44
			Rs 965 = 44
Add Contractor Profit 10%			Rs 96 = 54
			Rs 1061 = 98
Rate/metre	$\frac{1061.98}{30.50M}$		Rs 34 = 81/metre.

- B. Labour for fitting and fixing Bamboo grooves each in position with all. Complete job.

Taking out Put - 9.90M ²			
Materials			
Nails 75mm to 100mm lg	0.25 kg @ Rs 61 = 74/kg		Rs 15 = 43
Carpenter	1 NO @ 408 = 408		Rs 408 = 00
unskilled labour	1 NO @ 304 = 304		Rs 304 = 00
Add over Head Charge - 12%			Total = 727 = 43
			Rs 87 = 29
Add 10% C.P			Total = 814 = 72
			81 = 47
Rate/m ²	Rs 96 = 36/m ²		Rs 896 = 19

- C. Labour for fitting and fixing Bamboo grooves with all complete job, (62mm to 75mm dia), out put - 30.50M

Materials			
75mm to 100mm long nails	0.25 kg @ Rs 61 = 74/kg		15 = 43
unskilled labour	0.25 NO @ Rs 304 = 76		76 = 00
Carpenter	0.125 NO @ Rs 408 = 51		51 = 00
			Total = 142 = 43
Labour/m			17 = 09
Add over Head charge 12%			159 = 52
Add 10% C.P			15.95
Rate/metre	Rs 5 = 75/metre.		175 = 47

Charan
24/8/21
श्रीलक्ष्मी एडिटेड
श्रीलक्ष्मी कार्ड डिजाइन
श्रीलक्ष्मी प्रिन्टिंग, गुरुकुल, गुरुकुल

Q. 1. ~~Price~~ ^{Price} of 1000
spreading, Hand packing with
Cl Hammer in Cages 75 mm thick
including cost of light barriers
darker, equal chemical, tagers
royalty etc all complete Bob.
Quantity - 2892 MB
Price - 1.50 NO C

Quantity - 2.832 MB

A. Labour unskilled - 1.50 NO C 304 = 00 - R 456 = 00
Impact of PROHS - R 203 = 68
Labour - 0.67 NO C 304 = 00 R 3010 = 41
C 1063 = 00 R 89 = 65

A. Labour unskilled — 1.50 M^3
 B. Compaction of PCC — 0.67 M^3
 unskilled labor — 2.83 M^3
 — 0.63 M^3

c. Barrel lat ——— 0.632 M ———
 d. Cocat 3 and ———
 e. change 12%

Total — 3739 = 17
 Rs 451 = 16
 —————
 1210 = 90

Add over Head charge 12 1/2%

Add 10% Contractor Profit

17 em a rate / M³

Carriage of Materials

Carriage of Materials
Carriage for Bricks 1 m³ per set (300 No) — Rs. 2.32 = 99
Rs 776 = 64% — Rs 28 = 15

Carriage for local sand
lead gun: 0.2

Lead 344 :

$R_D 776 = 64 / \text{m}^3$
 $R_D 28 = 15$
 $R_D 127 = 99 / \text{m}^3$
 $R_D 1896 = 72 / \text{m}^3$

Labour cost, including Cost of Material, Excluding GST, & cess,
Carriage, for Empty cement Bag A/c. Singnora fee.
Old Bag reused - all completed bags.
out put 100.0 NO

(Signature)
M-8-11
महाशय शिवराज
सर्व विभाग

out put 100.0 NO

Labour Cost

ungrünend Cabuys

but li'

Butli
Labor for carrying a/a Reeling

G.C. Bag

un/5151 1122 Labor-

Matrasy

$\frac{\text{lb/day}}{\text{lb/cu sand}} = \text{for 100 Bsf}$

Cost of Empty Casing Box (Reused) 100 No. 2 = 92-
Total =

Add Overhead Charge 12%

Add 10 ft. Contractor Poo list

Add Cartage cost for coal sand $\frac{127}{3.5 \text{ m}^3} = 99$

Miny/Rate/Bag — Rs

महाराष्ट्र शासन
उद्योग एवं विपणन
कार्य, अर्थ, वित्त

24.8.2021

Supplying of empty woven bags
 CR used in good condition
 of 1.2 cty capacity with carrying
 labor cost, local sand with coarse,
 stretching of Bag, stretching and uppress
 20% as per spec. locations and duration
 of 219.

Bag - 1,000 NO (one Hundred NO)

Un skilled Labor - 1.67 NO $\times 304 = 507.68$
 for filling.
 Un skilled Labor for carrying
 and stretching and packing - 3.0 NO
 $\times 304 = 912.00$
 One skilled Labor for stretch - 0.33 NO
 $\times 385 = 127.05$
 Empty woven Bag (CR used) - 100 NO $\times 2.92 = 292.00$
 20% Nylon for stretching - 2 NO $\times 30 = 60.00$
 Local sand 3.5 MB $\times 141 = 496.50$
 Hire Charge of Machine 0.33 hr $\times 50 = 16.50$

Total - Rs 2411.73

Add over Head Charge 12%

Rs 289.41

Add 10% Contractor Profit

2700.10

2700.10

Carrage Cost for Empty woven Bag $\frac{292}{100} \times 113 = 23.16$ Rs 4 = 5

Carrage Cost for Local sand 3.5 MB $\times 127 = 447.50$ Rs 447.50

Hence Rate / Bag - Rs 34 = 29 / Bag. Total - Rs 3429 = 39
 excluding 10% SS, 12% O.H.C, suggested.
 for Supply of Bamboo -

As per R.M.D - Bamboo 2nd class 75MM dia -
 2.1M to 3.0M Long - Rs 25 = 50 / NO
 As per R.M.D - Bamboo 75MM dia. 6M to 8.0M Long - Rs 141 = 50 each
 without Carrage.

Area of 1 Bamboo for Chack - 170L

$= 3.14 \times 0.075 \times 8.0M = 1.884$

Hence Complete rate for Bamboo woven Chack

96 = 36 (Labor) + 92 = 16 Cost of Bamboo for
 over head charge and Contractor Profit

Hence Profit rate for

Bamboo woven Chack - Rs 188 = 53
 including Cost of Bamboo

Signature
 Date
 Location