

कार्यालय नगर पंचायत पथरिया, जिला- मुंगेली (छ0ग0)

EMAIL ID - nppatharia13@gmail.com

क्रमांक 878/लो0नि0वि0/न0प0/2025-26

पथरिया, दिनांक 13/02/2026

प्रति,

कार्यपालन अभियंता
नगरीय प्रशासन एवं विकास विभाग
क्षेत्रीय कार्यालय बिलासपुर (छ0ग0)

विषय :- निर्माण कार्य की तकनीकी स्वीकृति के संबंध में।


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विषयांतर्गत लेख है, कि नगर पंचायत पथरिया क्षेत्र में मूलभूत सुविधा अंतर्गत वार्ड क्रमांक 09 में मुक्तिधाम निर्माण कार्य का प्राक्कलन तैयार कर तकनीकी स्वीकृति हेतु आपकी ओर प्रेषित है:-

क्र 0	कार्य का नाम	मद	अनुमानित लागत राशि (लाख में)
(1)	(2)	(3)	(4)
1	वार्ड क्रमांक 09 में मुक्तिधाम निर्माण कार्य	राज्यपरिवर्तित मद	37.90 39.92
योग :-			37.90

उपरोक्तानुसार कार्य का तकनीकी स्वीकृति प्रदान करने का कष्ट करें।

सहपत्र :- प्राक्कलन 01...प्रति।


मुख्य नगर पालिका अधिकारी
नगर पंचायत पथरिया
जिला - मुंगेली (छ.ग)

ESTIMATE OF MUKTI DHAM

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

[As per P.W.D. - Building S.O.R.2015]

[As per P.H.E.D-U.S.O.R 2020, AMENDMENT NO-09/2023-24]

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]

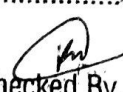
S.No.	Particular's of Item	S.O.R	Non S.O.R	AR NAVEEN SAHU Final Amount
1	CREMATORIYA (1 NOS.)	413000.00	---	396290.02 413000.00
2	Pathway	Estimated	---	253727.00
3	Lawn Development	Estimated	---	172000.00
4	Boundary Wall	Estimated	---	1340193.01 1095173.36
5	Entrance Gate (1 NOS)	Estimated	---	462189.19 467675.12
6	Shav Chabutara (2 nos)	32000.00	---	64000.00
7	SHED	Estimated	---	910348.00
8	RCC BANCH	Estimated	---	93683.40 96927.24
9	LIGHT POLE	Estimated	---	221482.48 242776.00
				3913913.10
			Total	3715626.73
(a)	Add 2.00% for Architect Fess & Contingency			78278.26 74312.53
			Total Amount	3789939.26
			Say as	3790000.00
			Say in Lac	37.90

[Rupees In Words : THIRTY SEVEN LACS NINTY THOUSAND ONLY.]


C.M.O


AR NAVEEN SAHU

Total - 3992191.36
Say - 39.92

T.S. No. 927/01 Date 16/02/26
Technical Sanction of Nagar Nigam/Palika/
Panchayat Pathariya, heare by Granted for
the Construction of Mukti dham
in ward No. 09 for Rs. 39-92 lac
(In words) Rs. Thirty nine lac
ninety two thousand
Checked By.  Executive Engineer
U.A.&D., Bilaspur (C.G.)

संलग्न पत्र क्र. 3043 दि. 16/02/26
के शर्तों के अधीन जारी

ESTIMATE OF CREMATIYA FOR PROPOSED MUKTI DHAM

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

AR NAVEEN SAHU

per P.W.D. - Building S.O.R. In Force From 1 JAN 2015]

S.N	PARTICULAR'S	NOS.	LENGTH	WIDTH	D/H	QTY	RATE	UNIT	AMOUNT
1	Earth work in Excavation Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. Page No.9,Item No. 1.1(i)In all types of soil								
	For coloumn C1								
	C1	8	1.50	1.50	1.50	27.00			
	C2	4	1.20	1.20	1.50	8.64			
	under walls	4	2.45	0.40	0.45	1.76			
		2	3.10	0.40	0.45	1.12			
		2	1.40	0.40	0.45	0.50			
		4	1.50	0.40	0.45	1.08			
						40.10	185.00	Cum.	7419.24
2	P.C.C. Base Conc. Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work. Page No.23,Item No.3.1.2(ii)1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size). column footing :-								
	C1	8	1.50	1.50	0.15	2.70			
	C2	4	1.20	1.20	0.15	0.86			
	BELOW G.B.	4	2.45	0.40	0.10	0.39			
		2	3.10	0.40	0.10	0.25			
		2	1.40	0.40	0.10	0.11			
		4	1.50	0.40	0.10	0.24			
						4.56	2659.00	Cum.	12114.40
	(iii)1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size). Page No.23,Item No.3.1.3(iii)								
		1	4.80	8.80	0.10	4.22			
						4.22	2970.00	Cum.	12545.28
3	R.C.C. work Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work. Page No.23,Item No.3.2.1 (ii)1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20 column footing :-								
	C1	8	1.20	1.20	0.20	2.30			
		8	0.90	0.90	0.25	1.62			
	C2	4	0.90	0.90	0.20	0.65			
		4	0.60	0.60	0.25	0.36			
						4.93			
	column :-								
	C1	8	0.20	0.30	1.50	0.72			
	C2	4	0.20	0.20	1.50	0.24			
						0.96			
	(c) beam								
	G.B.	4	2.45	0.20	0.30	0.59			
		2	3.10	0.20	0.30	0.37			
		2	1.40	0.20	0.30	0.17			
		4	1.50	0.20	0.30	0.36			
						1.49			
						7.38	4163.00	Cum	30722.94

Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: Page No.23,Item

PARTICULAR'S

NOS.

LENGTH

WIDTH

D/H

QTY

RATE

UNIT

AMOUNT

No.3.4

4163 +97.5 = 4260.5

column :-

C1 8 0.20 0.30 2.20 1.06

C2 4 0.20 0.20 3.60 0.58

Column For Upper Slab 4 0.20 0.20 1.40 0.22

1.86

(at 2.8m, height) Slab Beam

SB 2 4.80 0.20 0.30 0.58

2 8.80 0.20 0.30 1.06

4 2.70 0.20 0.30 0.65

2 3.40 0.20 0.30 0.41

6 1.60 0.20 0.30 0.58

(Top) Slab Beam

2 8.80 0.20 0.30 1.06

2 1.40 0.20 0.20 0.11

4.43

(d)

Slab

lower slab 2 9.60 2.26 0.10 4.34

upper slab 1 9.60 2.30 0.10 2.21

6.55

12.84

4260.50

Cum

54684.3696

4 Steel

Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1

(a) Footing taking 4.93 80 Kg/Cum. 394.56

(b) Column taking 2.82 110- Kg/Cum. 309.76

(c) Beam taking 5.92 110- Kg/Cum. 651.20

(d) Slab taking 6.55 110- Kg/Cum. 720.19

-2075.71

54.50

Kg

104844.02

113126.30

1923.56

5 Centering & Shuttering

a Providing and fixing formwork

ncluding shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16, Item No.2.1 (i) Foundation, footings, base of columns and plinth beam in any. Shape and size

Footing

[1.20+1.20+1.20+1.20=4.80] 8 4.80 -- 0.20 7.68

[0.90+0.90+0.90+0.90=3.60] 8 3.60 -- 0.25 7.20

[0.90+0.90+0.90+0.90=3.60] 4 3.60 -- 0.20 2.88

[0.60+0.60+0.60+0.60=2.40] 4 2.40 -- 0.25 2.40

Column Up to Plinth

[0.20+0.30+0.20+0.30=1.00] 8 1.00 -- 1.50 12.00

[0.20+0.20+0.20+0.20=0.80] 4 0.80 -- 1.50 4.80

G.B.

4 2.45 -- 0.60 5.88

2 3.10 -- 0.60 3.72

2 1.40 -- 0.60 1.68

4 1.50 -- 0.60 3.60

51.84

139.00

Sqm

7205.76

b (vi) Columns, pillars, Piers and likes-rectangular or square in shape

Column

[0.20+0.30+0.20+0.30=1.00] 8 1.00 -- 2.20 17.60

[0.20+0.20+0.20+0.20=0.80] 4 0.80 -- 3.60 11.52

4 0.80 -- 1.40 4.48

33.60

297.00

Sqm

9979.20

c (ix) Beams, lintels, cantilevers & walls

Beam

lower Beam

SB 2 4.80 -- 0.60 5.76

2 8.80 -- 0.60 10.56

PARTICULAR'S		NOS.	LENGTH	WIDTH	D/H	QTY	RATE	UNIT	AMOUNT
d (viii)	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in stu)	4	2.70	--	0.60	6.48			
		2	3.40	--	0.60	4.08			
		6	1.60	--	0.60	5.76			
		2	1.40	--	0.60	1.68			
		2	8.80	--	0.60	10.56			
		2	1.40	--	0.60	1.68			
						46.56	202.00		9405.12
	lower slab	2	9.60	2.10	--	40.32			
		1	9.60	2.30	--	22.08			
						62.40			
	upper slab					62.40	235.00	Sqm.	14664.00
6 Brik work									
Brick work with modular fly-ash lime bricks (Falg Bricks) confirming to IS :									
7.5 1289-2002 to class designation 40 in foundation and plinth in ::Page									
No.45,Item No.7.5									
Cement Mortar 1:6(1 Cement :6 Coarse									
7.5.4 Sand) Page No.45,Item No.7.5.4									
(a) below plinth Wall									
	G.B.	4	2.45	0.20	0.50	0.98			
		2	3.10	0.20	0.50	0.62			
		2	1.40	0.20	0.50	0.28			
		4	1.50	0.20	0.50	0.60			
	For Step1	1	3.30	0.90	0.15	0.45			
		1	3.30	0.60	0.15	0.30			
		1	3.30	0.30	0.15	0.15			
	For Step2	1	1.70	0.90	0.15	0.23			
		1	1.70	0.60	0.15	0.15			
		1	1.70	0.30	0.15	0.08			
						3.83	3263.00	Cum.	12497.29
7 Mooram filling									
Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11,Item No.1.18									
	C1	8	1.50	1.50	1.50	27.00			
	C2	4	1.20	1.20	1.50	8.64			
	Filling In Plinth	1	4.80	8.80	0.50	21.12			
						56.76			
Deduction :-									
P.C.C.									
	C1	8	1.50	1.50	0.15	2.70			
	C2	4	1.20	1.20	0.15	0.86			
Footing									
	C1	8	1.20	1.20	0.20	2.30			
		8	0.90	0.90	0.25	1.62			
	C2	4	0.90	0.90	0.20	0.65			
		4	0.60	0.60	0.25	0.36			
Column									
	C1	8	0.20	0.30	0.90	0.43			
	C2	4	0.20	0.20	0.90	0.14			
						9.07			
						47.69	371.00	Cum.	17692.25
8 Flooring									
25 mm thick KOTA stone slab flooring over 20 mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match									

PARTICULAR'S

NOS.

LENGTH

WIDTH

D/H

QTY

RATE

UNIT

AMOUNT

the shade of the slab including grinding rubbing and polishing etc. compete (Area of slab to be 0.20 sq.m and up to 0.50 sq.m)
Page No.118,Item No.12.49

25mm thick

1

4.80

8.80

--

42.24

897.00

Sqm.

37889.28

Total

42.24

9 Providing & making 12 mm thick cement plaster of mix: Page No.103,Item No.11.2.4
(iv) In Cement mortar 1:6 (1 Cement :6 fine sand)

G.B.

4

2.45

--

0.50

4.90

2

3.10

--

0.50

3.10

2

1.40

--

0.50

1.40

4

1.50

--

0.50

3.00

12.40

91.50

Sqm.

1134.60

10 Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: Page No.103,Item No.11.3.4(iv) In Cement mortar 1:6 (1 Cement :6 fine sand)

Quantity same as 15 mm plaster
Quantity same as item no. 5B+C

12.40

80.16

92.56

107.00

Sqm.

9903.92

11 Providing & making 6 mm thick cement plaster of mix:Page No.103,Item No.11.1.1
(i)In Cement mortar 1:3 (1 Cement :3 fine sand)

Quantity same as item no. 5C

62.40

62.40

93.00

Sqm.

5803.20

12 Providing and laying damp proof course (upto 50mm thick with plain cement concrete 1:2:4 (1cement :2 coarse sand : 4graded crushed stone aggregate 20mm nominal size) including formwork.Page No.24,Item No.3.13

G.B.

4

2.45

0.20

0.10

0.20

2

3.10

0.20

0.10

0.12

2

1.40

0.20

0.10

0.06

4

1.50

0.20

0.10

0.12

0.50

4237.00

Cum.

2101.55

13 Applying a coat of hot bitumen 30/40 using @ 1.7 kg/ sqm on damp proofcourse after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Page No.24,Item No.3.15

G.B.

4

2.45

0.20

--

1.96

2

3.10

0.20

--

1.24

2

1.40

0.20

--

0.56

4

1.50

0.20

--

1.20

4.96

93.50

Sqm.

463.76

14 Distemping

Wall painting with acrylic luxury emulsion (plastic) paint (top most approved branded quality) to give an even shade. On new work (two or more coats) Page No.133,Item No.14.11.1

Quantity as per 15mm thick cement plaster
Quantity as per 6mm thick cement plaster

92.56

62.40

154.96

74.0

52.50

Sqm

11467.04

8135.40

15 Water proof cement point

Painting new exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturers

PARTICULARS

NOS.

LENGTH

WIDTH

D/H

QTY

RATE

AR NAVEEN SAHU

UNIT

AMOUNT

specification to give protective and decorative
 finish including cleaning washing of surface
 etc complete with on new work (two or more
 coats applied at 143ltr/10 sqm over and
 including priming coat of exterior primer
 applied @ 2 20kg/10sqm) Page No.133,Item
 No 14 16 1

Quantity as per 12mm thick cement plaster

84.0
12.40 74.60

Sqm

1041.60
423.80

% for electrification

Total - 363568.33

Total

368411.67

- 32721.19

44200.40

Gr. Total - 396290.02

Total amount

412621.97

Say as

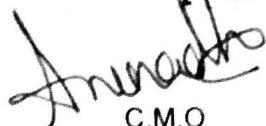
413000.00

Say - 3.96

Say Rs in Lac

4.13

[RUPEES IN WORDS : FOUR LACS THIRTEEN THOUSAND ONLY]



C.M.O



AR NAVEEN SAHU

**ESTIMATE OF PATHWAY DEVELOPMENT FOR MUKTIDHAM
At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)**

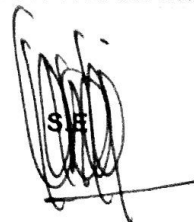
per P.W.D. -BUILDING S.O.R. 2015]

AR NAVEEN SAHU

NO.	PARTICULARS OF ITEMS	NO.	L	W	H/D	QTY	UNIT	RATE	AMOUNT
1	Excavation for all types and sizes of foundation, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. Page No.9,Item No.1.1(i) In all types of soil								
	For Protection Wall	1	120.00	1.50	0.10	18.00			
		2	120.00	0.30	0.20	14.40			
						32.40	Cu.M	185.00	5994.00
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work Page No.23,Item No.3.1.3(ii) 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size)								
	For Protection Wall	1	120.00	1.50	0.10	18.00			
		2	120.00	0.30	0.10	7.20			
						25.20	Cu.M	2970.00	74844.00
3	Providing and laying nominal mix Plain cement concrete with crushed stone aggregate using concrete mixer in all work upto plinth level excluding cost of form work. Page No.23,Item No.3.1.5 1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20								
	For Protection Wall	2	120.00	0.20	0.20	9.60			
						9.60	Cu.M.	4073.00	39100.80
4	Providing and fixing formwork including shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16,Item No.2.1 (i)Foundation, footings, base of columns and plinth beam in any. Shape and size								
	For Protection Wall	2	120.00	--	0.20	48.00			
						48.00	Sqm	139.00	6672.00
5	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11,Item No.1.18								
		1	120.00	1.50	0.20	36.00			
						36.00	Cu.M.	371.00	13356.00
6	Providing and laying 60 mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3 mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Page No.120,Item No.12.65 (ii)Coloured pigment (rubber mould) precast interlock concrete blocks								
		1	120.00	1.50	--	180.00			
						180.00	Sqm	632.00	113760.00
Total									253726.80
Say As.									253727.00
Say In Lacs									2.54

[Rupees In Words :- TWO LACS FIFTY FOUR THOUSAND ONLY]


C.M.O


S.E

AR NAVEEN SAHU

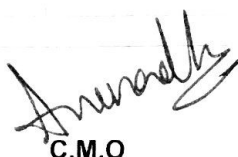
ESTIMATE OF PLANTATION & LAWN DEVELOPMENT FOR UKTIDHAM

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

per P.W.D. -BUILDING S.O.R.2015]

AR NAVEEN SAHU

NO.	PARTICULARS OF ITEMS	NO.	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment). Page No.204,Item No.22.3	3	120.00	Sqm	0.30	108.00 108.00	Cum	201.00	21708.00
2	Supplying and stacking at site decayed cow dung manure from approved source , including loading , unloading and carriage up to 10 km (manure measured in stacks will be reduced by 8% for payment : Page No. 204, Item No. 22.4	3	120.00	Sqm	0.10	36.00 36.00	Cu.M	236.00	8496.00
3	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand : Carpet grass (well developed) Page No.207, Item No.22.25.4	3	120.00	Sqm	---	360.00 360.00	sqm	263.00	94680.00
4	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% :1part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately): Holes 60cm dia, and 60cm deep. Page No.205,Item No.22.14.2	475	nos	---	---	475.00	each	33.00	15675.00
5	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand : Hedges like Alife, Dorenta, Tikoma etc. Page No.207, Item No.22.25.1	250	nos	---	---	250.00	each	14.00	3500.00
	Furn like Arica, China etc(3 year old) Page No.207, Item No.22.25.2	225	nos	---	---	225.00	each	125.00	28125.00
Total									172184.00
Say Rs. Lacs									172000.00


C.M.O


AR NAVEEN SAHU

ESTIMATE OF PLANTATION & LAWN DEVELOPMENT FOR MUKTIDHAM

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

er P.W.D. -BUILDING S.O.R.2015]

AR NAVEEN SAHU

NO.	PARTICULARS OF ITEMS	NO.	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment). Page No.204,Item No.22.3	3	120.00	Sqm	0.30	108.00 108.00	Cum	201.00	21708.00
2	Supplying and stacking at site decayed cow dung manure from approved source , including loading , unloading and carriage up to 10 km (manure measured in stacks will be reduced by 8% for payment : Page No. 204, Item No. 22.4	3	120.00	Sqm	0.10	36.00 36.00	Cu.M	236.00	8496.00
3	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand : Carpet grass (well developed) Page No.207, Item No.22.25.4	3	120.00	Sqm	---	360.00 360.00	sqm	263.00	94680.00
4	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% :1part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately): Holes 60cm dia, and 60cm deep. Page No.205,Item No.22.14.2	475	nos	---	---	475.00	each	33.00	15675.00
5	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand : Hedges like Alife, Dorenta, Tikoma etc. Page No.207, Item No.22.25.1	250	nos	---	---	250.00	each	14.00	3500.00
	Furn like Arica, China etc(3 year old) Page No.207, Item No.22.25.2	225	nos	---	---	225.00	each	125.00	28125.00
								Total	172184.00
								Say Rs. Lacs	172000.00


C.M.O


SE

AR NAVEEN SAHU

AR. NAVEEN SAHU and ASSOCIATES

ESTIMATE OF BOUNDARY WALL

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

AS PER P.W.D. BUILDING S.O.R. WITH EFFECT FROM 01.01.2015]

AR. NAVEEN SAHU

S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
1	Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. Page No.9,Item No.1.1(i) In all types of soil								
	Column	26	1.50	1.50	1.50	87.75			
	Ground Beam	25	3.70	0.30	0.30	8.325			
						96.08	Cum	185.00	17773.88
2	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11,Item No.1.18								
		26	1.50	1.50	0.10	5.85			
		25	3.70	0.30	0.10	2.78			
						8.63	Cum	371.00	3199.88
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form (iii)1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal								
		26	1.50	1.50	0.10	5.85			
		25	3.70	0.30	0.10	2.78			
						8.63	Cum	2970.00	25616.25
4	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work. Page No.23, Item No.3.2.1								
	Footing	26	1.20	1.20	0.20	7.49			
		26	0.90	0.90	0.25	5.27			
	Column	26	0.20	0.30	1.15	1.79			
	Beam	25	3.70	0.20	0.30	5.55			
						20.10	Cum	4163.00	83663.81
	Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: Page No.23,Item No.3.4 4163 +97.5 = 4260.50								
	Column	26	0.20	0.30	2.10	3.28			
	Beam	25	3.70	0.20	0.10	1.85			
						5.13	Cum	4260.50	21839.32
5	Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete:thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1								
	Thermo-Mechanically treated bars, 100 kg per cu.m.					2009.70	Kg.	54.50	109528.65
	(Page - 24,Item - 3.14.1)								

PARTICULARS		No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
	Providing and fixing formwork including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16, Item No.2.1 (i) Foundation,								
	(1.20+1.20+1.20+1.20=4.80) Footing	26	4.80		0.20	24.96			
	(0.90+0.90+0.90+0.90=3.60)	26	3.60		0.25	23.40			
	(0.20+0.30+0.20+0.30=1.00) Column	26	1.00		1.15	29.90			
	Beam	25	3.70		0.40	37.00			
						115.26	Sqm	139.00	16021.14
(a)	(v) Columns, pillars Piers and likes- rectangular or square in shape								
	Column								
	(0.20+0.30+0.20+0.30=1.00) Column	26	1.00		2.10	54.60			
						54.60	Sqm.	297.00	16216.20
(b)	Beams, lintels, cantilevers & walls								
	Page No.16, Item No.2.1.8								
	Top Beam								
	Beam	25	3.70		0.20	18.50			
						18.50	Sqm.	202.00	3737.00
7	Brick work with modular fly-ash lime bricks (Falg Bricks) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in Cement Mortar 1:6(1 Cement :6 Coarse Sand) 7.5.4								
	Bellow Beam	25	3.70	0.20	0.20	3.7	Cum	3263.00	12073.10
	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth.: Page No.45, Item No.7.6								
	Above Beam	25	3.70	0.20	1.80	33.30	Cum	3384.00	112687.20
8	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11, Item No.1.18								
	Deduction	26	1.50	1.50	1.50	87.75			
		26	1.50	1.50	0.10	5.85			
		26	1.50	1.50	0.10	5.85			
		26	1.20	1.20	0.20	7.49			
		26	0.90	0.90	0.25	5.27			
		26	0.20	0.30	0.55	0.86			
						25.31			
						62.44	Cum	371.00	23164.87
9	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. Page No.80, Item No.9.6.2								
	35 kg/Sqm	25	3.70		0.30	27.75	Sqm.		
						971.25	Kg.	68.00	66045.00
10	Painting on new work (two or more								

PARTICULARS		No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
coats) to give an even shade with: Page No.134,Item No.14.22.2 (ii) Premium synthetic enamel paint									
	Railing	25	3.70		0.30	27.75		133.0	3690.75
						27.75	Sqm.	47.00	1304.25
11	12-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:6 (1 Cement: 6 Sand) Page No.108,Item No.11.2								
		25	3.70	0.20	2.10	38.85			
						38.85	Sqm.	91.50	3554.78
12	(a) 15 mm thick cement plaster on the rough of side of single or half brick wall of mix:In Cement mortar 1:6 (1 Cement :6 fine sand) Page No.108,Item No.11.3								
	Quantity Same As item no.6(a)+6(b)					73.10			
	Quantity Same As 12 mm Plaster					38.85			
						111.95	Sqm.	107.00	11978.65
13	6-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:4 (1 Cement: 4 Sand) Page No.108, Item No.11.1								
		25	3.70	0.20		18.50			
		26	0.20	0.20		1.04			
						18.50	Sqm.	87.00	1609.50
14	Water proof cement paint Painting exterior surface with ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) Page No.133,Item No.14.15.1								
	Qty. Same As 12 mm Plaster					38.85			
	Qty. Same As 15 mm Plaster					111.95			
	Qty. Same As 06 mm Plaster					18.50		55.0	9311.50
						169.30	Sqm.	56	9480.80
	Cost For 100 Mtr.							Total :-	539494.27
	Cost For 1 Mtr.								5394.94
	Cost For 247.40 Mtr.								1095173.36
								Say As	1095173.36
								In Lacs.	10.95

Total - 541711.47

5417.11

G.T. - 1340193.01

Say - 13.40

C.M.O

AR NAVEEN SAHU

ESTIMATE OF ENTRANCE GATE
At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

S/N	ITEM	QUANTITY	UNIT	RATE	AR.NAVEEN SAHU	
					UNIT	AMOUNT
1	Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. Page No.9,Item No.1.1	26.60	Cum.	185.00	Per/Cum.	4921.00
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work.1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size).Page No.23,Item No.3.1.3	2.27	Cum.	2970.00	Per/Cum.	6741.90
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete in all works upto floor five level excluding cost of form work. (1 cement :1½ coarse sand :3 graded stone aggregate 40mm nominal size).Page No.23,Item No.3.1.5	35.66	Cum.	4163.00	Per /Cum.	148452.58
4	Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete Thermo Mechanically treated bars EF415 Page No.24,Item No.3.12.1	3421.78 3323.62	Kg.	54.50	Per /Kg.	186486.78 181137.29
5	Providing and fixing formwork including, shuttering, strutting,staging, propping bracng etc. complete and including its removal at levels, for: Page No.16,Item No.2.1					
	Foundation, footings, bass of columns and plinth beam in any. Shape and size. Page No.16,Item No.2.1.1	27.32	Sqm.	139.00	Per/ Sqm.	3797.48
	(b) Columns,pillars Piers and likes-rectagular or square in shape. Page No.16,Item No.2.1.5	39.94	Sqm.	297.00	Per/Sqm.	11862.42

ITEM		QUANTITY	UNIT	RATE	AR.NAVEEN SAHU	
					UNIT	AMOUNT
	(c) Arches, domes and likes, upto 6.M Span. Page No.17, Item No.2.1.11	116.43	Sqm.	584.00	Per/Sqm.	67992.78
6	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20 % in foundation and plinth in Page No.44, Item No.7.2					
	Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) Page No.44, Item No.7.2.2	4.19	Cum.	3635.00	Per/Cum.	15212.48
7	Providing and making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: In Cement mortar 1:6 (1 Cement :6 fine sand). Page No.103, Item No.11.3.4	136.24	Sqm.	107.00	Per/Sqm.	14578.07
8	Painting new exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturers specification to give protective and decorative finish including cleaning washing of surface etc complete with: on new work (two or more coats applied at 1.43ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20kg/10sqm) Page No.133, Item No.14.16.1	136.24	Sqm.	56.00 55.0	Per/Sqm.	7629.64 7493.20
					Total:-	467675.12
					G.Total:-	467675.12
					Total:-	463189.19
					G.Total:-	4.62
					AR NAVEEN SAHU	

C.M.O

SEE

QUANTITIY SHEET OF PROPOSED ENTRANCE GATE

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

PARTICULAR'S	NOS.	LENGTH	WIDTH	DEPTH	QUANTITY	UNIT
1 Earth work in excavation						
Footing	2	3.00	2.00	2.00	24.00	
Beam	2	0.30	9.40	0.4	2.26	
					26.26	Cum.
2 Base concrete	2	3.00	2.00	0.15	1.80	
	1	0.50	9.40	0.1	0.47	
					2.27	Cum.
3 R.C.C. - M - 20 Grade						
(a) Footing	2	2.70	1.80	0.20	1.94	
	2	2.30	1.40	0.30	1.93	
	2	1.80	0.90	0.30	0.97	
					4.85	Cum.
(b) Column	4	$\pi(0.3)^2$	---	5.30	1.50	
		4.00			1.50	Cum
(c) Beam						
G.B.	2	10.00	0.30	0.40	2.40	
Arch beam	1	13.20	0.90	0.50	5.94	
					8.34	Cum.
(d) Slab & wall						
wall	2	11.90	0.20	3.92	18.66	
base slab,	1	10.50	0.90	0.10	0.95	
Arch	2	1.65	0.90	0.10	0.30	
arch side ,,	1	11.90	0.90	0.10	1.07	
top slab						
					20.97	Cum
Total R.C.C.		(a+b+c+d)			35.66	Cum
4 Steel in R.C.C.						
(a) Footing	50.00	Kg./Cum.	4.85		242.40	
(a) Column	100	110.00	Kg./Cum.	1.50	164.76	150
(a) Beam	100	110.00	Kg./Cum.	8.34	917.40	834
(b) Slab	100.00	Kg./Cum.	20.97		2097.22	
					3421.78	Kg.
					3323.62	
5 Centering & shuttering						
(a) footing	(2x2)	4	2.70	--	2.16	
		4	--	1.80	1.44	
G.B.		2	9.40	--	18.80	
		4	--	1.40	1.68	
		4	1.80	--	2.16	
		4	--	0.90	1.08	
					27.32	Sqm
(b) Column	8	$2\pi r$	--	5.30	39.94	Sqm.
2x3.14x0.15						

PARTICULAR'S	NOS.	LENGTH	WIDTH	DEPTH	QUANTITY	UNIT
(c) beam 2x3.14x0.15	2	9.40	--	1.00	18.80	Sqm.
(c) Arches, slab and wall 8.7 M span						
wall	2	11.90	---	3.92	93.30	
base slab, Arch	1	10.50	0.90	---	9.45	
arch side ...	2	1.65	0.90	---	2.97	
top slab	1	11.90	0.90	---	10.71	
					116.43	Sqm.
6 Brick masonry in super structure.	1	7.95	0.50	0.60	2.39	
	1	4.65	0.50	0.60	1.40	
	1	1.35	0.50	0.60	0.41	
					4.19	Cum
7 Plastering	8	2πr	--	7.60	57.27	
2x3.14x0.25	2	11.90	--	2.50	59.50	
	12	1.95	--	0.10	2.34	
	2	1.95	--	0.10	0.39	
	2	7.95	--	0.60	9.54	
	2	4.65	--	0.60	5.58	
	2	1.35	--	0.60	1.62	
					136.24	Sqm
8 Painting	Sae as plastering				136.24	
					136.24	Sqm

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ESTIMATE OF CHABUTRA
At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

per P.W.D. - Building S.O.R.2015]

AR NAVEEN SAHU

No.	SOR I. No.	Item of Work	Measurement				Qty.	Unit	Rate	Amount
			No	L	B	D/H				
1	1.1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	1	6.60	0.40	0.60	1.58			
							Net Qty.	1.58	cum	185.00
										293.04
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	1	6.60	0.40	0.10	0.26			
							Net Qty.	0.26	cum	371.00
										97.94
3	3.1.3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	6.60	0.40	0.10	0.26			
							Net Qty.	0.26	cum	2970.00
										784.08
4	3.2.1	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in foundation and plinth in : page no. 44 item No. 7.2.2 Cement Mortar 1:6: Extra for brick work in superstructure: PageNo.45,ItemNo.7.6 Above plinth level for every floor or part there of in addition to rate for foundation and plinth Super structure aggregate 20mm nominal size).	1	6.60	0.30	1.00	1.98			
							Total A	1.98	cum	3756.00
										7436.88
5	11.2	Providing and making 12 mm thick cement plaster of mix: Page No.103,Item No.11.2	1	6.60		1.00	6.60			
							6.60	Sqm.	103.00	679.80

AR. NAVEEN SAHU and ASSOCIATES

SOR I. No.	Item of Work	No	Measurement			Qty.	Unit	Rate	Amount
			L	B	D/H				
6	11.3.2 Providing and making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: Page No.103,Item No.11.3 In Cement mortar 1:4 (1 Cement :4 fine sand).Page No.103,Item No.11.3.2								
			Quantity Same As 12 mm			6.60			
						6.60	Sqm.	120.00	792.00
7	11.1.1 Providing & making 6 mm thick cement plaster of mix:Page No.103,Item No.11.1.1 (i)In Cement mortar 1:3 (1 Cement :3 fine san								
		1	6.6	0.30		1.98	Sqm.	93.00	184.14
8	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work.Page No.23,Item No.3.2.1 (ii)1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20								
	Flooring	1	2.10	1.20	0.10	0.25			
						0.25	Cu.M	4163.00	1049.08
9	3.12.1 Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete:thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1								
	Qty of R.C.C.					0.25	100Kg/Cum	25.20	kg 54.50 1373.40
8	13.6.2 15 mm thick Graite work (machine cut, table rubbed & mirror polished) for kitchen platform, counters, window sills and similar locations of required size laid over 20 mm thick base cement mortar 1:4 (1 cement:4 coarse sand) including joints treated with white cement mixed with matching pigment including rubbing and polishing to edge moulding to give high gloss finish.								
	Granite stone black Page No.125,Item No.13.6.2	1	2.10	1.20	-	2.52			

SOR
I. No.

Item of Work

Measurement
No L B D/H

Qty. Unit Rate Amount

2.52 sqm 3279.00 8263.08

- 9 13.5.2 8 mm thick Granite tile work (machine cut, table rubbed & mirror polished) for wall lining (veneer work) in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with cement mortar 1:2 (1 white cement : 2 marble dust) mixed with matching pigment.

Granite stone black

1	6.60	-	0.60	3.96			
1	6.60	-	0.30	1.98			
				5.94	sqm	1710.00	6771.60

- 10 19.19.12 Extra for providing edge moulding to 15 mm thick stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in - Charge

Granite work Page No.127,Item No.13.19.2

2	6.60	-	-	13.20			
				13.20	Mtr.	172.00	2270.40

- 11 12.55 Extra for necessary grinding and polishing to get mirror finish on KOTA/ Marble Stone flooring / steps/ treads instead of normal grinding and polishing.

Page No.119,Item No.12.55

1	6.60	0.32	-	2.11			
1	6.60	-	0.60	3.96			
1	6.60	-	0.30	1.98			
				8.05	Sqm	263.00	2117.68

- 12 1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.

1	2.10	1.20	0.45	1.13			
				1.13	Cum	201.00	227.93

Total	32341.05
Say As.	32000.00
Say In Lacs	0.32

[Rupees In Words :- THIRTY TWO THOUSAND ONLY]

C.M.O

S.E

AR NAVEEN SAHU
AR. NAVEEN SAHU and ASSOCIATES

ESTIMATE OF SHADE 6.40 mX15.40m FOR MUKTIDHAM

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

P.W.D. - Building S.O.R. In Force From 01 -01- 2015]

PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
1 Earth work in Excavation								
Excavation for all types and sizes of foundation, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits.								
No.9,ItemNo.1.1(i)In all types of soil								
MAIN								
C1	12	1.50	1.50	1.50	40.50			
For Ground Beam								
	2	2.65	0.30	0.20	0.32			
	2	2.85	0.30	0.20	0.34			
	8	3.60	0.30	0.20	1.73			
					42.89	185.00	Cum.	7934.28

Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
Page No.11, Item No.1.18								
C1	12	1.50	1.50	0.10	2.70			
For Ground Beam								
	2	2.65	0.30	0.10	0.16			
	2	2.85	0.30	0.10	0.17			
	8	3.60	0.30	0.10	0.86			
	1	6.00	15.00	0.30	27.00			
					30.89	371	CuM.	11461.67

3 P.C.C. Base Conc.								
Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work.								
Page No.23,Item No.3.1.3(ii)1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size)								
column footing :-								
C1	12	1.50	1.80	0.10	3.24			
BELOW G.B.								
	2	2.65	0.30	0.10	0.16			
	2	2.85	0.30	0.10	0.17			
	8	3.60	0.30	0.10	0.86			
Floor Area	1	6.40	15.40	0.10	9.86			
STEPS	2	15.40	0.30	0.10	0.92			
					15.21	2970.00	Cum.	45185.58

4 R.C.C. work								
1:1½:3 (1 cement :1½ coarse sand :3 graded stone aggregate 40mm nominal size) Page No.23,Item No.3.1.5								
column footing :-								
C1	12	0.90	1.20	0.20	2.59			
	12	0.60	0.90	0.25	1.62			
					4.21			
column :-								
	12	0.20	0.30	1.15	0.83			
					0.83			
G.B.								

PARTICULAR'S

NOS.

L

W

H/D

QTY

RATE

UNIT

AMOUNT

2	2.65	0.20	0.30	0.32
2	2.85	0.20	0.30	0.34
8	3.60	0.20	0.30	1.73
				2.39

7.43 4163.00 cum 30922.76

Extra for laying PCC/ RCC of any grade in
superstructure above plinth level for every floor or
part thereof in addition to rate for foundation and
plinth: Page

No.23, Item No.3.4

4163 + 97.5 = 4260.50

column :-

10	0.20	0.30	3.50	2.10
2	0.20	0.30	4.10	0.49
				2.59

Lintal Beam

8	3.60	0.20	0.15	0.86
2	2.65	0.20	0.15	0.16
2	2.85	0.20	0.15	0.17
				1.19

Slab Beam

8	3.60	0.20	0.30	1.73
2	2.65	0.20	0.30	0.32
2	2.85	0.20	0.30	0.34

Platform

1	60.00	0.60	0.10	3.60
2	15.00	0.60	0.10	1.80
				7.79

11.57 4260.50 cum 49311.03

5 Steel

Providing and placing in position
reinforcement for R.C.C work including
straightening, cutting, bending, binding etc.
complete as per drawings including cost of
binding wire in foundation & plinth all
complete:thermo Mechanically treated steel bars
FE 415 Page No.24, Item No.3.12.1

(a)Footing taking	4.21	80.00	Kg/Cum.	336.96
(b)Column taking	3.42	100.00	Kg/Cum.	342.00
©Beam taking	11.37	100.00	Kg/Cum.	1137.00

1815.96 54.50 Kg. 98969.82

6 Centering & Shuttering

Providing and fixing formwork Including,
shuttering, strutting, staging, propping bracing etc.
complete and including its removal at levels, for:

a Page No.16, Item No.2.1 (i)Foundation, footings,
bass of columns and plinth beam in any. Shape
and size

Footing

.90+1.20+.90+1.20=4.20	12	4.20	0.20	10.08
.60+.90+.60+.90=3.00	12	3.00	0.25	9.00
				19.08

Column up to Plinth level	12	1.00	1.15	13.80
				13.80

G.B.

2	2.65	0.60	3.18
2	2.85	0.60	3.42
8	3.60	0.60	17.28
			23.88

PARTICULAR'S

NOS.

L

W

H/D

QTY

RATE

UNIT

AMOUNT

56.76 139.00 8sqm 7889.64

(vi) Columns, pillars, Piers and likes-
b rectangular or square in shape

10	1.00	3.50	35.00
2	1.00	4.10	8.20
			43.20

297.00 Sqm 12830.40

c (ix) Beams, lintels, cantilevers & walls

Beam
Lintal Beam

8	3.60	0.30	8.64
2	2.65	0.30	1.59
2	2.85	0.30	1.71
			11.94

Slab Beam

8	3.60	0.60	17.28
2	2.65	0.60	3.18
2	2.85	0.60	3.42
1	15.00	0.60	9.00
2	6.00	0.60	7.20
			40.08

52.02 202.00 Sqm 10508.04

7 Mooram filling

Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11, Item No.1.18

In Footing	12	1.50	1.50	1.50	40.50
Filling In Plinth	1	15.00	6.00	0.45	40.50
Bellow Steps	1	15.40	0.30	0.05	0.23
	1	15.40	0.30	0.20	0.92
					82.16
Deduction For Column	12	1.20	0.90	0.20	2.59
	12	0.60	0.90	0.25	1.62
	12	0.20	0.30	1.15	0.83
					5.04
					77.12

371.00 Cum. 28609.67

Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to

8 IS:12894-2002 of class designation 4.0 in foundation and plinth in: Page No.44, Item No.7.5

Cement Mortar 1:6(1 Cement : 6 Coarse Sand).Page No.44,Item No.7.5.4

	8	3.60	0.20	3.05	17.57
	2	2.65	0.20	3.05	3.23
	2	2.85	0.20	3.05	3.48
Plateform	10	0.60	0.20	0.50	0.60
	4	1.30	0.20		1.04
Deduction					
Openings	-4	3.60	0.20	2.40	-6.91
					19.01

3263.00 Cum. 62016.58

9 Providing and making 12 mm thick cement plaster of mix: Page No.103,Item No.11.2

In Cement mortar 1:6 (1 Cement :6 fine sand).
Page No.103,Item No.11.4

PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
	8	3.60		3.55	102.24			
	2	2.65		3.55	18.82			
	2	2.85		3.55	20.24			
Platform	10	0.60		0.50	3.00			
	4	1.30			5.20			
Deduction								
Openings	-4	3.60		2.40	-34.56			
					114.93	91.50	Sqm	10516.10

Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: **Page No.103,Item No.11.3.4(iv)** In Cement mortar 1:6 (1Cement :6 fine sand)

Quantity Same As 12mm.Plaster	114.93							
Quantity Same As item no. 5b.	43.20							
Quantity Same As item no. 5c	52.02							
	210.15	107.00	Sqm.					22486.05

11 Distempering

Wall painting with acrylic washable distemper (plastic) paint (top most approved branded quality) to give an even shade. On new work (two or more coats) PLASTIC EMULSION AINT **ABUNDMENT,Item No.14.62**

Quantity as per 15mm thick cement plaster	210.15	64.00	Sqm.					13449.60
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25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)Page No.118,Item No.12.49

	1	15.00	6.00		90.00			
					90.00			
					897.00	Sqm.		80730.00

25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm) **Granite stone black Page No.118,Item No.12.48.2**

	1	15.00	0.60		9.00			
	2	6.00	0.60		7.20			
	1	15.00		0.10	1.50			
	2	6.00		0.10	1.20			
Steps	2	15.40	0.30		9.24			
	3	15.40		0.15	6.93			

	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
						35.07	1402.00	Sqm.	49168.14
14	Steel work in tubular (round, square or rectangular hollow tubes etc) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of								
	9 3 1 Electric resistance or induction butt welded tubes Grade-300 (BUILDING SOR. ITEM NO.-9.3.2/80)								
	For Truss	1	6.40	15.40		98.56			
	<u>25Kg/Sqm.</u>		25.00	98.56		2464.00	93.50	Kg.	230384.00
15	Providing ridges or hips of 60cm overall width in plain G.I. sheet fixed with galvanized washers J or L hooks, bolts and nuts 8mm G.I. limpet and								
	10 5 1 1 00 mm thick sheet with zinc coating not less than 275gm/sqm (BUILDING SOR. ITEM NO.-10.5/90)								
		1	15.40			15.40	596.00	Mtr.	9178.40
16	Supply and fixing of ploymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/-5% peoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in charge. The sheet shall be fixed using self drilling/self tapping screws of size (5 5 x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal / vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size shape wherever required. Page No.91,Item No 10 12								
		2	3.62	15.40		111.50	693.00	Sqm.	77266.73
								Total	858818.48
								Total	51529.11
								Total	910347.59
								Say	910348.00
								Say Rs in	9.10

(a) Add 6% For Electrification

[RUPEES IN WORDS NINE LACS TEN THOUSAND ONLY]

C.M.O

AR NAVEEN SAHU
AR. NAVEEN SAHU and ASSOCIATES

ESTIMATE FOR CONCRETE CHAIR

At Nagar Panchayat Pathariya, DIST - Mungeli (C.G.)

R PWD BUILDING SOR WITH EFFECT FROM 01/01/2015

AR. NAVEEN SAHU

SOR ITEM	PARTICULAR	NO	L	W	H/D	QTY	UNIT	RATE	AMOUNT
1 1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
1.1.1	In all types of soils.	2	0.60	0.30	0.30	0.11	cum	185.00	19.98
2 1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	2	0.60	0.30	0.10	0.04	cum	371.00	13.36
3 3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	2	0.60	0.30	0.15	0.05	cum	2970.00	160.38
4 2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	2	0.60		0.60	0.72	sqm	139.00	100.08
2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	1	2.50		0.60	1.50	sqm	235.00	352.50
5 3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	2	0.60	0.15	0.60	0.11			
		1	2.50	0.60	0.10	0.15			
		total				0.26	cum	4163.00	1074.05
6 3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
3.12.1	Thermo-Mechanically treated bars FE 415					26.0			1417.00
	120-kg /cum or rcc work					-30.96	kg	54.50	1687.32

OR ITEM	PARTICULAR	NO.	L	W	H/D	QTYS	UNIT	RATE	AMOUNT
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15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above)

12.45.1 Granite stone grey/pink

1	2.50	0.60	1.50
2	2.50	0.10	0.50
2	0.60	0.50	0.60

2.60	sqm	1796.00	4669.60
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7206.95 8077.27

93683-40 96927-24

Total - 93683.40

TOTAL AMOUNT FOR 1 NO OF CHAIR

TOTAL AMOUNT FOR 12 NO OF CHAIR

AR NAVEEN SAHU

ESTIMATE OF LIGHT POLE

At Nagar Panchayat Pathariya ,DIST - Mungeli (C.G.)

S.O.R.P.W.D ELECT W.E.F. 01.06.2020]

NO	CSR	PARTICULARS	UNIT	RATE	AR NAVEEN SAHU	
					QTY	AMOUNT
1	19.29.3	Supply of 5 M Height Conical Pole diameter 75 mm at top 129 at bottom. Baseplate Size 200 x 200 x 12 mm foundation bolt 450 mm long Mx16 EN 8 grade	Each	8600.00	12	103200.00
2	19.11	Erection of GI octagonal pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as required.				
	19.11.3	5 metre high	Each	698.00	12	8376.00
3	19.23/169	Designing and providing suitable RCC foundation in cement concrete 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement (Minimum 90 kg per cum), form work, ebeding 2 nos 50 mm dia PVC pipe for cable entry in each foundation , excavation disposal of surplus soil and curing etc. as required. $12 \times 6.70 \times 0.70 \times 1.00$	cubm	5219.00	5.82 12	30627.72 62628.00
4	19.25	Supplying and fixing of single over hang (Arm) 1000 MM (long)x50 mm dia decorative GI street light pole bracket made out of GI "A" Class pipe welded to 300 MM Long GI Pole canopy of suitable dia at angle of 102.50 Degree including having GI triangular stiffner and making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy including FRP Dome on existing pole etc. as per enclosed drawing and as per direction of engineer-in-charge.	Each	1982.00	12	23784.00
5	15.1	Supplying and laying following sizes one number PVC insulated/ ELPE PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	15.1.1	2x4sq.mm	Mtr	249.00	240	59760.00
6	15.23	Supplying and making end termination with brass compression gland and aluminium lugs for following size armoured aluminium conductor power cable of 1.1 KV grade as required				
	15.23.2	2x6 sq. mm (16mm)	Each	91.00	24	2184.00
7	6.28	Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like				

CSR

PARTICULARS

UNIT RATE

AR NAVEEN SAHU
QTY AMOUNT

		driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 120 lumens /watt.				
6.28.7		60 watt	Each	3622.00	12	43464.00
8	12.12	Supplying and laying 6SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode , including soldering, excavation and refilling the trench etc. as required.	Mtr	36.00	228	8208.00
9	9.2	Supplying and fixing on surface following way, 240 volts SP&N MCB DB ofvsheet steel phosphatized and power painted complete with tinned copper busbar , neutral busbar, earth bar, din bar, detachable gland plate, including interconnection , earthing etc. as required . (but without MCB/RCCB/Isolator)				
	9.2.5	4 way, Double door	Each	784.00	2	1568.00
10	9.12	Supplying and fixing DP MCB 240 volts 'C' curve, suitable for lighting and other lads in the existing MCB DB complete with connection s, testing and commissioning etc. as required.				
	9.12.1	0.5 amps to 5 amps	Each	576.00	12	6912.00
11	3.11	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing caping as per specification and IS: 694 (2010)				
	3.11.12	2x1.5 sq. mm	Mtr	39.00	120	4680.00
12	6.25	Supplying, installation, testing and commissioning of following LED Strip Light fitting complete with Electronic Driver Heat sink Capacitor and all other accessories, including connection, earthing etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio ≥ 100 lumens /watt. IP-65				
	6.25.2	15 watt per metre LED Strip	Mtr	394	100	39400
		Total =	332223.72	Total		364164.00
			27685.31			364164.00
						30347.00
		Net Total =	221482.48	Total		242776.00
		For 12 Nos				
		For 1 Nos				
		For 8 Nos				

C.M.O

AR NAVEEN SAHU

कार्यालय नगर पंचायत पथरिया, जिला-मुंगेली (छ0ग0)

तकनीकी स्वीकृति अथवा अनुदान प्राप्ति हेतु प्रेषित प्रस्ताव के संबंध में चेक लिस्ट सह-दिशा निर्देश

क्र.	विवरण	अनुलग्नक / संलग्नक	रि मार्क
1	कार्य का नाम		वार्ड क्रमांक 09 में सुविधात्मक निर्माण कार्य।
2	कार्य का स्थल / वार्ड क्र. / जोन क्र.		वार्ड क्र0 09
3	कार्य की विद्यमान स्थिति		निर्माण
4	विरतून तकनीकी प्रतिवेदन (कार्य की आवश्यकता)		50.00
5	1 प्राक्कलन राशि		संलग्न है।
	2 योजना के प्राक्कलन का विवरण		राज्य प्रवर्तित
6	1 मद का नाम		शासन अनुदान मद
	2 लेखा शीर्ष तथा बजट प्रावधान की उपलब्धता		सी.एम.ओ. नगर पंचायत पथरिया
7	1 कार्य के लिए सक्षम प्राधिकारी द्वारा दी गई सैद्धांतिक सहमति		—
	2 परिषद / सामान्य सभा से अनुमोदन		—
8	1 राईट प्लान सहित आवश्यक मानचित्र।		—
	2 सरचना की ड्राईंग व डिजाईन		संलग्न है।
9	1 भूमि का प्रकार		शासकीय
	2 भूमि स्वामित्व व हस्तांतरण		शासकीय
10	प्राक्कलन में प्रयुक्त SOR के ITEMS के संदर्भ का उल्लेख है/ नहीं		है।
11	यदि कोई NON SOR आयटम लिया गया हो तो विवरण दें।		—
12	विकास योजना में प्रस्तावित भू-उपयोग		निकाय हित
13	नगर तथा ग्राम निवेश से ले-आउट अनुमोदन		—
14	कार्यस्थल अविवादित एवं निकाय की भूमि का स्वामित्व प्रमाण पत्र		शासकीय
15	प्रस्तावित कार्य स्थल पर पहुंच मार्ग है/ नहीं		है।
16	प्रस्तावित कार्य स्थल अतिक्रमण/ एच.टी. लाईन/ एल.टी. लाईन/ टेलीफोन पोल/ झाड़ के प्रभाव से मुक्त है या नहीं		है।
17	कार्य स्थल नाला/ निचली भू-सतह/ वाटर लागत क्षेत्र से प्रभावित हानि सद्वी प्रतिवेदन		—
18	भटन निर्माण की स्थिति में पानी निकासी व्यवस्था		—
19	भटन निर्माण की स्थिति में नि: शक्तजनों के लिये शासन के निर्देशानुसार उपयुक्त सुविधायें का प्रावधान		—
20	उक्त कार्य पूर्व में कब बना/ रिनोवेशन हुआ या नहीं		—
21	पूर्णता अथवा उपयोगिता प्रमाण पत्र		—
22	अन्य आवश्यक जानकारी		

मुख्य अभियंता
नगर पंचायत पथरिया
जिला-मुंगेली (छ.ग.)

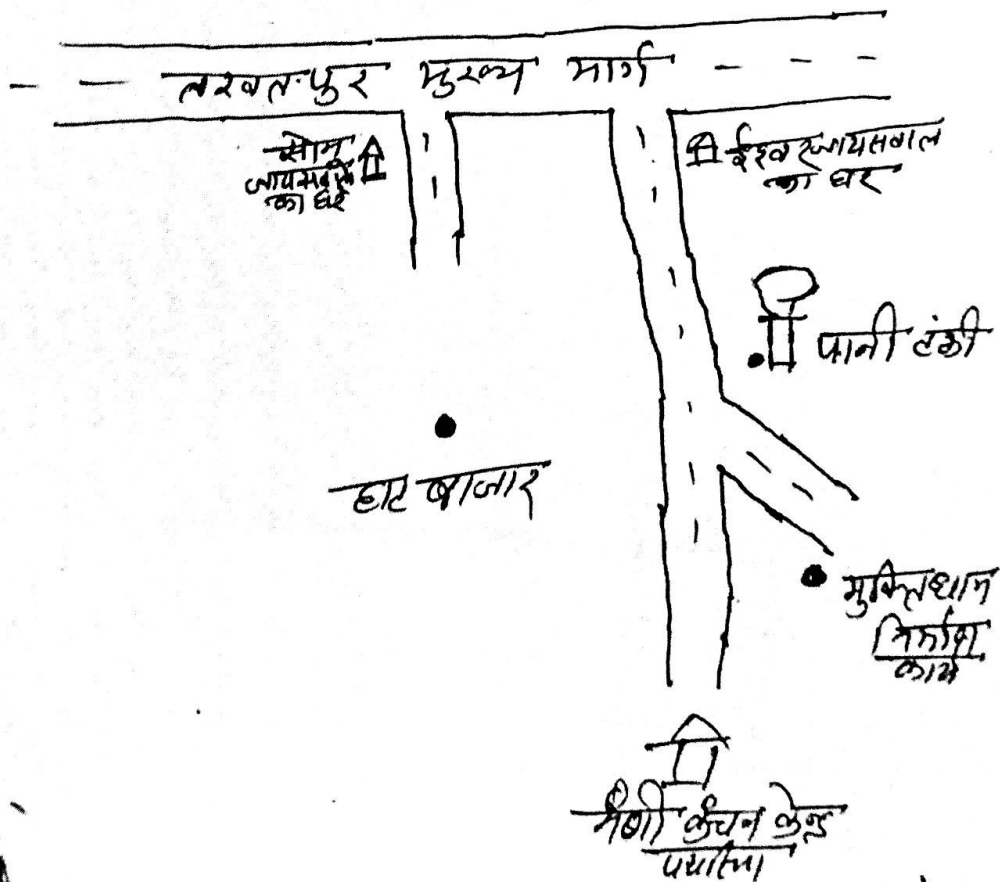
मुख्य अभियंता
नगर पंचायत पथरिया
जिला-मुंगेली (छ.ग.)


OFFICE OF THE MUNICIPAL COUNCIL
..... (C.G.)

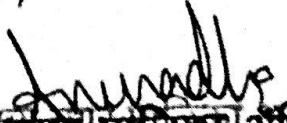
LOCATION PLAN

➤ NAME OF WORK वार्ड क्र 09 में भूमिदाग निर्माण कार्य

➤ ESTIMATE AMOUNT 50.00 लाख




उपस्थिति
नगर पंचायत प्रशासन
जिला-मुगला (उ.प्र.)


मुख्य नगर पालिका अधिकारी
नगर पंचायत-पथरिया
जिला-मुगला (उ.प्र.)