

# ESTIMATE OF MUKTI DHAM RECONSTRUCTION Ward-3

at N.P. PANDATARAI, DIST - ... KABIRDHAM (C.G.)

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

				AR NAVEEN SAHU
S.No.	Particular's of Item	S.O.R	Non S.O.R	Final Amount.
1	PATHWAY	Estimated	---	423000.00
2	LAWN DEVELOPMENT	Estimated	---	357000.00
3	BOUNDARY WALL	Estimated	---	755291.98
4	ENTRANCE GATE (1 NOS)	Estimated	---	168221.82
5	LIGHT POLE	Estimated	---	225172.00
6	RCC BENCH	Estimated	---	32309.08
			Total	1960994.87
(a)	Add 2.00% for Architect Fess & Contingency			39219.90
			Total Amount	2000214.77
			Say as	2000000.00
			Say in Lac	20.00
[Rupees In Words : TWENTY LACS ONLY.]				

महोदय  
नगर पंचायत पण्डितराई  
जिला कबीरधाम (छ.ग.)

उप अभियंता  
नगर पंचायत पण्डितराई

AR NAVEEN SAHU

AR. NAVEEN SAHU  
CA/2009/46483 [B. Arch.]  
Architect Municipal Licence No. - 001  
Chartered Valuer No. - LM/CAT-I/A-5278  
Basantpur Chowk, Rajnandgaon (C.G.)

No.- 354 Date- 27.04.26

Technical Sanction of Nagar Nigam /  
Palika / Panchayat Pandatarai

Here by Guaranteed for the Construction  
& Repairing of Mukti Dham

In Ward No. 03

for Rs. 20.00 L (In words) Rs. 20.00

Twenty Lacs only.

Checked By Executive Engineer  
U.A.&D. Durg (C.G.)

AR. NAVEEN SAHU and ASSOCIATE

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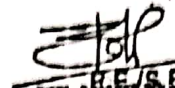
at N.P. PANDATARAI, DIST - ... KABIRDHAM (C.G.)

AR NAVEEN SAH

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P.W.D. -BUILDING S.O.R. 2015 ]								AR NAVEEN SAH							
PARTICULARS OF ITEMS								NO.	L	W	H/D	QTY	UNIT	RATE	AMOUN
														Say As.	423000.0
														Say In Lacs	4
[Rupees In Words :- FOUR LACS TWENTY THREE THOUSAND ONLY]															

COMM/C.M.O.  
नगर पंचायत अधिकारी  
नगर पंचायत पाण्डातराई  
जिला काशीराम (उ.प्र.)

  
उप अभियंता  
नगर पंचायत पाण्डातराई

  
AR NAVEEN SAH

**AR. NAVEEN SAHU**  
CA/2009/46483 [B./Arch.]  
Architect Municipal Licence No. - 001  
Chartered Valuer No. - LM/CAT-IA-5278  
Basantpur Chowk, Rajnandgaon (C.G.)

AR. NAVEEN SAHU and ASSOCIATI



## ESTIMATE OF PLANTATION & LAWN DEVELOPMENT FOR MUKTI DHAM

at N.P. PANDATARAI, DIST - ...KABIRDHAM (C.G.)

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

As per P.W.D. - BUILDING S.O.R. 2015										AR NAVEEN SAI	
S.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										
		4	223.00	Sqm	0.30	267.60					
						267.60	Cum	201.00	53787.6		
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										
		4	223.00	Sqm	0.10	89.20					
						89.20	Cu.M	236.00	21051.2		
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										
		4	223.00	Sqm	—	892.00					
						892.00	sqm	263.00	234596.0		
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	15675.0		
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	3500.0		
	Furn like Arica, China etc(3 year old) Page No.207, Item No.22.25.2										
		225	nos	—	—	225.00	each	125.00	28125.0		
								Total	356734.8		
								Say Rs.	357000.0		

~~COMM/C.M.O~~

**EE/S:EA**

AR NAVEEN SAHU

CA/2009/46483 [B.Arch.]

AR. NAVEEN SAHU and ASSOCIATES

Chartered Valuer No. - LM/CAI-1/A-5278  
 (Singapore, Brunei and Malaya)

~~Basantpur Chowk, Rainandgaon (C.G.)~~

Scanned with CamScanner



## ESTIMATE OF BOUNDARY WALL

at N.P. PANDATARAI, DIST - ...KABIRDHAM (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	17773.8
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	3199.8
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 (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	25616.2
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	83663.8
	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	21839.3
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	109528.6
	(Page - 24, Item - 3.14.1)								




S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
6	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	16021.1
(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								
	Top Beam								
	Beam	25	3.70		0.20	18.50			
						18.50	Sqm.	202.00	3737.01
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	12073.1
	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	112687.2
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								
		26	1.50	1.50	1.50	87.75			
	Deduction								
		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	23164.8
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								

S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
		25	3.70		0.30	27.75	Sqm.		
	35 kg/Sqm					971.25	Kg.	68.00	66045.00
10	Painting on new work (two or more coats) to give an even shade with: Page No.134, Item No.14.22.2 (II) Premium synthetic enamel paint								
	Ralling	25	3.70		0.30	27.75			
						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	3554.75
12	(a) 15 mm thick cement plaster on the rough 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	<u>Water proof cement paint</u>								
	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			



[illegible]

मुख्य मंत्र-परिवर्तित अधिकारी  
नगर पंचायत पाण्डुराई  
जिला कबीरधाम (छग.)

  
उप अभियंता  
नगर पंचायत पाण्डातराई

**AR. NAVEEN SAHU**  
CA/2009/46483 [B. Arch.]  
Architect Municipal Licence No. - 001  
Chartered Valuer No. - LM/CAT-IIA-5278  
Basantpur Chowk, Rajnandgaon (C.G.)



# ESTIMATE OF ENTRANCE GATE

at N.P. PANDATARAI, DIST - ...KABIRDHAM (C.G.)

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

AR NAVEEN SAHU

S.NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
1	<b>Earth work In Excavation</b>								
	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 levelling of pits. Page No.9, Item No.1.1(i) In all types of soil								
		4	1.50	1.50	1.80	16.20			
	For Ground Beam	2	4.50	0.40	0.60	2.16			
						18.36	Per Cum	185.00	3396.6
	Extra for every additional lift of 1.5 m or part thereof. Page No.10, Item No.1.6								
		4	1.5	1.5	0.3	2.70			
						2.70	Per Cum	26.50	71.5
	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								
	In Footing	4	1.50	1.50	0.10	0.90			
	Bellow Ground Beam	2	4.50	0.40	0.05	0.18			
						1.08	Cum	371.00	400.6
2	<b>P.C.C. Base Conc.</b>								
	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.22, Item No.3.1 3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size). Page No.23, Item No.3.1.3								
	F1	4	1.50	1.50	0.20	1.80			
	Bellow Ground Beam	2	4.50	0.40	0.10	0.36			
						2.16	Cum	2970.00	6415.2
3	<b>R.C.C. work</b>								

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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size), Item No.3.2.1.									
b) M-20									
A - Footing	4	1.30	1.30	0.50	3.38				
					3.38				
B - Column	4	0.30	0.45	1.00	0.54				
					0.54				
C - Beam									
Ground Beam	2	4.50	0.30	0.45	1.22				
					1.22				
					5.14	cum	4163.00	21377.0	
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									
B - Column	4	0.30	0.45	4.50	2.43				
Slab Beam	2	4.50	0.30	0.45	1.22				
	6	0.90	0.30	0.20	0.32				
					3.97				
					3.97	cum	4260.50	16909.9	
4 Steel in R.C.C.									
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: I:thermo									
Mechanically treated steel bars Page No.24,Item No.3.14		(a)Footing taking	3.38	80	Kg/Cum.	270.40			
	(b)Column taking	0.54	100	Kg/Cum.	54.00				
	(c)Beam taking	5.18	110	Kg/Cum.	570.24				
					894.64	Per Kg.	54.50	48757.8	
5 Centering & Shuttering									
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									
Foundation, footings, base of columns and plinth beam in any. Shape and size. Page No.16,Item No.2.1.1									
Footing									
1.30+1.30+1.30+1.30=5.20	4	5.20	--	0.50	10.40				
					10.40				
GB-1	2	4.50		0.90	8.10				
					8.10				
Column									
.45+.30+.45+.30=1.50	4	1.50		1.00	6.00				



					6.00			
					24.50	Per Sqm.	139.00	3405.50
	(v) Columns, pillars Piers and likes- rectangular or square in shape							
	Column							
	.45+.30+.45+.30=1.50	4	1.50		4.50	27.00		
					27.00	Per Sqm.	297.00	8019.00
	ii) Columns, beams & walls - circular or any other geometrical shape other than square rectangular in all sizes							
	C - Beam							
	SB-1	2	4.50		0.90	8.10		
		6	0.90		0.70	3.78		
						11.88	Per Sqm.	202.00
								2399.70
6	<b>Brick work</b>							
	(b) Extra for brick work in superstructure: Above plinth and upto floor five level. Page No.51, Item No.7.6							
	Above slab beam							
		2	4.50	0.30	0.30	0.81		
						0.81	Per Cum.	3384.00
								2741.00
8	<b>Plastering work</b>							
	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							
	ABOVE GB	2	4.50		0.30	2.70		
						2.70	Per Sqm.	91.50
								247.00
9	(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							
						2.70		
						11.88		
						27.00		
						41.58	Per Sqm.	107.00
								4449.00
10	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							
	Slab Beam	2	4.50	0.30		2.70		
						2.70	Per Sqm.	87.00
								234.90
11	<b>Mooram filling</b>							
	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.9, Item No.1.18							
	Filling in footing (50% of total excavated vol)					9.18		





# ESTIMATE OF LIGHT POLE

at N.P. PANDATARAI, DIST - ...KABIRDHAM (C.G.)

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

S/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.				
			cubm	5219.00	12	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		<b>SOLAR STREET LIGHTS</b> Supplying, Installation, testing and commissioning of hybrid solar street luminaire of housing made of extruded Aluminium and IP65 ingress protection. The all in one solar street lighting system having system lumen output up to 120 LPW (as per LM79 report of NABL accredited lab only). CCT of 6500k (+/- 500k) and CRI > 70, L70 should be of 50000 hours or more. The luminaire should be having SMD type LEDs with secondary lens / optics suitable for street lighting application, MPPT charge Controller and DC driver and				

As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020 ]						
S/NO	CSR	PURTIGULARS	UNIT	RATE	QTY	AMOUNT
	6.81	automatic dusk to dawn operation feature. The All In one Solar Street light must have hybrid feature under which LED light can be operate by both AC mains & DC supply. The integrated luminaire should have monocrystalline PV module, Lithium battery pack having upto 10Hrs. of autonomy with full power mode and upto 36Hrs. of autonomy with saving mode. Specially designed in built PIR sensor allows to sense motion i.e. If a human is within sensor range then streetlight is at 100% full power lighting mode otherwise if no movement is detected to save energy it dims down to 30% of power.				
	6.81.1	25w , 50Wp Monocrystalline Panel - 12.8V 22Ah Lithium Ferro Phosphate (LifePo4) battery	Each	39794.00	12	477528.00
					Total	675516.00
		For 12 Nos				675516.00
		For 1 Nos				56293.00
		For 4 Nos			Total	225172.00

COMM./C.M.O

मुख्य नगर पालिका अधिकारी  
नगर पंचायत पाण्डातराई  
जिला कधीरघाम (छग.)

E.E./S.E  
उप अभियंता

नगर पंचायत पाण्डातराई

AR NAVEEN SAHU

AR. NAVEEN SAHU  
CA/2009/46483 [B. Arch.]  
Architect Municipal Licence No. - 001  
Chartered Valuer No. - LM/CAT-I/A-5278  
Basantpur Chowk, Rajnandgaon (C.G.)



# ESTIMATE FOR CONCRETE CHAIR

at N.P. PANDATARAI, DIST - ...KABIRDHAM (C.G.)

AS PER PWD BUILDING SOR WITH EFFECT FROM 01/01/2015

S. N	SOR ITEM	PARTICULAR								AR. NAVEEN SAHU	
			NO.	L	W	H/D	QTYS	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									
		120 kg /cum or rcc work				30.96	kg	54.50	1687.32		

AR. NAVEEN SAHU and ASSOCIATE

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AS PER PWD BUILDING SOR WITH EFFECT FROM 01/01/2015

AR. NAVEEN SAHU

S. N	SOR ITEM	PARTICULAR	NO.	L	W	H/D	QTYS	UNIT	RATE	AMOUNT
7	12.45	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
TOTAL AMOUNT FOR 1 NO OF CHAIR										8077.27
TOTAL AMOUNT FOR 4 NO OF CHAIR										32309.08

CMMO./C.M.O

E.E./S.E

AR NAVEEN SAHU

मुख्य नगरपालिका अधिकारी  
नगर पंचायत पाण्डातराई  
जिला. कर्णधाम (छ.ग.)

उप अभियंता  
नगर पंचायत पाण्डातराई

**AR. NAVEEN SAHU**  
CA/2009/46483 [B. Arch.]  
Architect Municipal Licence No. - 001  
Chartered Valuer No. - LM/CAT-I/A-5278  
Basantpur Chowk, Rajnandgaon (C.G.)

AR. NAVEEN SAHU and ASSOCIATE

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