

Analysis

**OD/363/3475/119864/428859/00069693 : Const. of 3 nos. of changing room (Double berth) at
Bathing Ghat, Bamankote
Block : Laxmipur, Gram Panchayat : Panchada
Created By:SABYASACHI BEHERA**

Item 1
Earth Work (AR0103aa): Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department
Sub-Item of Work Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	40.236	Per day	462	18589.032	0
LR001 : Male mulia	40.236	Per day	462	18589.032	0
Total Amount (a+b+c)				37178.064	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					2788.3548
CONTRACTOR PROFIT @ 7.5% (+)					2997.48141
LABOUR CESS @ 1% (+)					429.6390021
Grand Total					43393.5392121
Say For Unit 1 (Grand Total/100)					433.935392121

Item 2
Earth Work (AR0115): Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	406.21	40621	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	46.25	4625	0

Total Amount (a+b+c)	58150.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	4361.274				
CONTRACTOR PROFIT @ 7.5% (+)	4688.36955				
LABOUR CESS @ 1% (+)	671.9996355				
Grand Total	67871.9631855				
Say For Unit 1 (Grand Total/100)	678.719631855				

Item 3
Concrete (AR0303): Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	546.37	1251.1873	225.213714
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	75.86	36.4128	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	36.677	83.99033	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	666.61	319.9728	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	406.21	389.9616	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	46.25	22.2	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	252.5	242.4	0

Total Amount (a+b+c)	5204.52483
Total GST (a)	225.213714
OVERHEAD CHARGES @ 7.5% (+)	407.2303908
CONTRACTOR PROFIT @ 7.5% (+)	437.77267011
LABOUR CESS @ 1% (+)	62.7474160491
Grand Total	6337.4890209591
Say For Unit 1 (Grand Total/1)	6337.4890209591

Item 4

Masonry Stone Work (AR0703): Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

Random rubble H.G. stone of masonry.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.41	Per day	462	651.42	0
LR001 : Male mulia	1.76	Per day	462	813.12	0
LR025 : Mason	1.41	Per day	562	792.42	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.8151	1 Qntl.	546.37	445.346187	80.16231366
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	75.86	25.7924	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	291.96	291.96	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.8151	1 Qntl.	36.677	29.8954227	0
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	666.61	226.6474	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	406.21	406.21	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.8151	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.34	1 Cum	46.25	15.725	0
BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	1 Cum.	252.5	252.5	0

Total Amount (a+b+c)	4165.2364097
Total GST (a)	80.16231366
OVERHEAD CHARGES @ 7.5% (+)	318.404904252
CONTRACTOR PROFIT @ 7.5% (+)	342.2852720709
LABOUR CESS @ 1% (+)	49.060888996829
Grand Total	4955.1497886797
Say For Unit 1 (Grand Total/1)	4955.1497886797

Item 5

Flooring (AR0820): 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.103	Per day	612	63.036	0
BRM340 : Cement	0.0754	1 Qntl.	546.37	41.196298	7.41533364
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	75.86	0.91032	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	1 Cum.	1396.62	32.12226	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0754	1 Qntl.	36.677	2.7654458	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	666.61	7.99932	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	1 Cum.	406.21	9.34283	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0754	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	46.25	0.555	0

BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	1 Cum.	252.5	5.8075	0
Total Amount (a+b+c)	330.0549738				
Total GST (a)	7.41533364				
OVERHEAD CHARGES @ 7.5% (+)	25.310273058				
CONTRACTOR PROFIT @ 7.5% (+)	27.20854353735				
LABOUR CESS @ 1% (+)	3.8998912403535				
Grand Total	393.8890152757				
Say For Unit 1 (Grand Total/1)	393.8890152757				

Item 6

Masonry Brick Work (AR0603ci): Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	1000 Nos	4.55488	1821.952	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	546.37	367.16064	66.0889152
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	75.86	21.2408	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	400	1000 Nos	0.92692	370.768	0
BRM340 : Cement	0.672	1 Qntl.	36.677	24.646944	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	666.61	186.6508	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	400	1000 Nos	0	0	0
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	46.25	12.95	0

Total Amount (a+b+c)	5010.189184
Total GST (a)	66.0889152
OVERHEAD CHARGES @ 7.5% (+)	380.72085744
CONTRACTOR PROFIT @ 7.5% (+)	409.274921748
LABOUR CESS @ 1% (+)	58.66273878388
Grand Total	5924.9366171719
Say For Unit 1 (Grand Total/1)	5924.9366171719

Item 7

Plastering (AR1004ik): 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge(For repair and maintenance).

Sub-Item of Work

12mm thick cement plaster (1:6) over Brick work in outside(For repair and maintenance).

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.051	Per day	462	23.562	0
LR001 : Male mulia	0.0714	Per day	462	32.9868	0
LR025 : Mason	0.1428	Per day	562	80.2536	0
BRM340 : Cement	0.0358	1 Qntl.	546.37	19.560046	3.52080828
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	75.86	1.1379	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	36.677	1.3130366	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	666.61	9.99915	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	46.25	0.69375	0

Total Amount (a+b+c)	169.5062826
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Total GST (a)	3.52080828
OVERHEAD CHARGES @ 7.5% (+)	12.977031816
CONTRACTOR PROFIT @ 7.5% (+)	13.9503092022
LABOUR CESS @ 1% (+)	1.999544318982
Grand Total	201.95397621718
Say For Unit 1 (Grand Total/1)	201.95397621718

Item 8

Plastering (AR1008ik): 20mm thick cement Plaster in CM (1:6) over stone work in outside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge(For repair and maintenance).

Sub-Item of Work

20mm thick cement Plaster in CM (1:6) over stone work in outside (Outside)(For repair and maintenance).

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.1122	Per day	462	51.8364	0
LR001 : Male mulia	0.1326	Per day	462	61.2612	0
LR025 : Mason	0.1632	Per day	562	91.7184	0
BRM340 : Cement	0.057	1 Qntl.	546.37	31.14309	5.6057562
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	75.86	1.59306	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.057	1 Qntl.	36.677	2.090589	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	666.61	13.99881	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.057	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	46.25	0.97125	0

Total Amount (a+b+c)	254.612799
Total GST (a)	5.6057562
OVERHEAD CHARGES @ 7.5% (+)	19.51639164
CONTRACTOR PROFIT @ 7.5% (+)	20.980121013
LABOUR CESS @ 1% (+)	3.00715067853
Grand Total	303.72221853153
Say For Unit 1 (Grand Total/1)	303.72221853153

Item 9

Plastering (AR1014k): 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge(For repair and maintenance).

Sub-Item of Work
First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.115566	Per day	462	53.391492	0
LR001 : Male mulia	0.136578	Per day	462	63.099036	0
LR025 : Mason	0.168096	Per day	562	94.469952	0
BRM340 : Cement	0.043	1 Qntl.	546.37	23.49391	4.2289038
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	75.86	1.36548	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	36.677	1.577111	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	666.61	11.99898	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	46.25	0.8325	0

Total Amount (a+b+c)

250.228461

Total GST (a)

4.2289038

OVERHEAD CHARGES @ 7.5% (+)

19.08430236

CONTRACTOR PROFIT @ 7.5% (+)

20.515625037

LABOUR CESS @ 1% (+)

2.94057292197

Grand Total

296.99786511897

Say For Unit 1 (Grand Total/1)

296.99786511897

Item 10

Flooring (AR0802ii): 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sub-Item of Work
2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.14	Per day	462	64.68	0
LR002 : Female mulia	0.22	Per day	462	101.64	0
LR044 : Mason	0.13	Per day	612	79.56	0
BRM340 : Cement	0.0858	1 Qntl.	546.37	46.878546	8.43813828
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	75.86	0.91032	0
BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)	0.023	1 Cum.	1085.19	24.95937	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	36.677	3.1468866	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	666.61	7.99932	0
BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)	0.023	1 Cum.	406.21	9.34283	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0858	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.012	1 Cum	46.25	0.555	0
BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)	0.023	1 Cum.	252.5	5.8075	0

Total Amount (a+b+c)	345.4797726
Total GST (a)	8.43813828
OVERHEAD CHARGES @ 7.5% (+)	26.543843316
CONTRACTOR PROFIT @ 7.5% (+)	28.5346315647
LABOUR CESS @ 1% (+)	4.089963857607
Grand Total	413.08634961831
Say For Unit 1 (Grand Total/1)	413.08634961831

Item 11

miscellaneous (ARM106): Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.

Sub-Item of Work

Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works) and as directed by Engineer-in-Charge.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMM106 : Labour for fitting and fixing of M.S. Gates as per approved design including cost of all materials complete (Iron works)	1	Sqm	93.32	93.32	0

Total Amount (a+b+c)				93.32	
Total GST (a)					0
Grand Total					0
Say For Unit 1 (Grand Total/1)					0

Item 12

Painting (AR0901d): Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.36677	0.286520724	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

Total Amount (a+b+c)				661.520756724	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				49.6140567543	
CONTRACTOR PROFIT @ 7.5% (+)				53.335111010872	
LABOUR CESS @ 1% (+)				7.6446992448917	

Grand Total	772.11462373406
Say For Unit 1 (Grand Total/9.3)	83.023077820867

Item 13

Painting (AR0919b): Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat waterbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge..(Inside)

Sub-Item of Work

Finishing wall surface with One Coat with plastic emulsion paint of approved shades above one coat water bound Primer on old work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0919)					
BRM140 : Plastic Emulsion paint	0.075	1 Litre	249.34	18.7005	0
LR001 : Male mulia	0.043	Per day	462	19.866	0
LR048 : Painter/ Polisher	0.036	Per day	612	22.032	0
Combine :: Painting (AR0901d)					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	1 Ltr	159.03	13.35852	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.075	1 Litre	0.36677	0.02750775	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	1 Ltr	0.36677	0.03080868	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.075	1 Litre	0	0	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	1 Ltr	0	0	0

Total Amount (a+b+c)	131.75727191387
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	9.8817953935403
CONTRACTOR PROFIT @ 7.5% (+)	10.622930048056
LABOUR CESS @ 1% (+)	1.5226199735547
Grand Total	153.78461732902
Say For Unit 1 (Grand Total/1)	153.78461732902

RANJIT KHOSLA
JE
Laxmipur Block

AEE
Laxmipur Block

SABYASACHI BEHERA
BDO
Laxmipur Block