

नेपाल सरकार
संस्कृति, पर्यटन तथा नागरिक उद्डयन मन्त्रालय

पुरातत्व विभाग

दर विश्लेषण

(Rate Analysis)

२०८१/ ०८२

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Government of Nepal
Ministry of Culture, Tourism & Civil Aviation
Department of Archaeology
Item Rates

Project:- Inside Kathmandu Valley

Fiscal Year:- 2081/82

Item No.	Item name	Unit	Rate per unit (Rs.)	Unit	Rate per Unit (Rs.)
(क) भत्काउने सम्बन्धी कार्य					
Item:- 1	Dismantling Chimney Brick work in mud mortar and throwing 10 metre away.	m3	112.15	ft3	3.18
Item:- 2	Dismantling Chimney Brick work in cement mortar and throwing 10 metre away.	m3	2242.96	ft3	63.51
Item:- 3	Dismantling R.C.C. or R.B.C work and throwing 10 metre away.	m3	1163.80	ft3	32.95
Item:- 4	Dismantling Plain cement or lime concrete and throwing 10 metre away.	m3	4232.00	ft3	119.84
Item:- 5	Dismantling Cement or Lime Plaster and throwing 10 metre away.	m2	114.26	ft2	10.62
Item:- 6	Dismantling Jhingati roofing and throwing 10 metre away.	m2	169.22	ft2	15.73
Item:- 7	Dismantling Tile roofing and throwing 10 metre away.	m2	161.77	ft2	15.03
Item:- 8	Disposing waste materials by Tractor (small) including labour for 1 no.	m3	0.00	ft3	0.00
(ख) जग खन्ने सम्बन्धी कार्य					
Item:- 9	Earth work in Excavation---soft and silty clay	m3	762.82	ft3	21.60
Item:- 10	Earth work in Excavation---Hard clay with soft stone	m3	871.79	ft3	24.69
(ग) चुना कंक्रिट सम्बन्धी कार्य					
Item:- 11	Lime Concrete in Foundation and wall in (1:2:4) lime, sand and brick ballast.	m3	16542.00	ft3	468.41
Item:- 12	Lime Concrete in Foundation and wall in (1:2:4) lime, sand and aggregate.	m3	16309.53	ft3	461.83
(घ) भुई सम्बन्धी कार्य					
Item:- 13	Chimney Brick on flat Soling	m2	1167.01	ft2	108.46
Item:- 14	Chimney Brick on flat Soling using existing brick	m2	435.75	ft2	40.50
Item:- 15	Chimney Brick on edge Soling	m2	2050.06	ft2	190.53

Prepared By:-

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Approved By:-

Item:- 16	Brick soling on edge in lime, surkhi and sand (1:1:2) with (1:1) lime surkhi pointing	m2	2267.22	ft2	210.71
Item:- 17	Old Brick soling on edge in lime, surkhi and sand (1:1:2)with (1:1) lime surkhi pointing	m2	1321.98	ft2	122.86
Item:- 18	Telia Brick (Machine made) 6"x6"in (1:1:1) lime, surkhi,sand mortar with (1:1) lime surkhi pointing	m2	3626.64	ft2	337.05
Item:-19	Telia Brick in Machine made 8"X8"(1:1:1) lime, surkhi,sand mortar with (1:1) lime surkhi pointing	m2	3623.65	ft2	336.77
Item:- 20	25 to 37.5 mm thick Flag Stone laying in (1:1:2) lime, surkhi, sand mortar.	m2	2344.79	ft2	217.92
Item:- 21	50 mm thick Flag Stone laying in (1:1:2) lime, surkhi, sand mortar.	m2	2588.53	ft2	240.57

(ड) इट्टा सम्बन्धी कार्य

Item:- 22	Chimney Brick work in mud mortar for ground floor	m3	13322.70	ft3	377.25
Item:- 23	Chimney Brick work in mud mortar for above ground floor	m3	13851.70	ft3	392.23
Item:- 24	Chimney Brick work in mud mortar for ground floor (using existing bricks)	m3	3572.54	ft3	101.16
Item:- 25	Chimney Brick work in mud mortar for above ground floor (using existing bricks)	m3	4101.54	ft3	116.14
Item:- 26	Chimney Brick work in (1:1:2) lime,surkhi, sand mortar for ground floor	m3	19653.27	ft3	556.51
Item:- 27	Chimney Brick work in (1:1:2) lime,surkhi, sand mortar for above ground floor	m3	20182.27	ft3	571.49
Item:-28	Traditional Brick (Small Dachi Appa)size 210x55x97 mm work in (1:1:2) lime,surkhi, sand mortar	m2	6161.31	ft2	572.61
Item:- 29	Traditional Brick (Small Dachi Appa) size 210x55x97 mm work in (1:4)cement sand mortar	m2	5810.57	ft2	540.02
Item:- 30	Traditional Brick (Dachi Appa-large size) size 230x55x100 mm work in (1:1:2) lime,surkhi, sand mortar	m2	0.00	ft2	0.00
Item:- 31	Traditional Brick (small Dachi Appa) work in yellow mud mortar	m2	5510.81	ft2	512.16
Item:- 32	Traditional Brick (Small Dachi Appa) work using existing old bricks in yellow mud mortar	m2	2269.86	ft2	210.95
Item:- 33	Traditional Brick (Dachi Appa-large size) work using existing old bricks in (1:1:2) lime,surkhi	m2	2920.37	ft2	271.41
Item:- 34	Ma Appa (Traditional Local Brick--large) work in yellow mud mortar for ground floor	m3	0.00	ft3	0.00
Item:- 35	Ma Appa (Traditional Local Brick--small) size210x120x50 mm work in yellow mud mortar for ground floor	m3	20797.24	ft3	588.91

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Item:- 36	Ma Appa (Traditional Local Brick--large) size 230x50x125mm work in yellow mud mortar for above ground floor	m3	0.00	ft3	0.00
Item:- 37	Ma Appa (Traditional Local Brick--small) size 210x120x50 mm work in yellow mud mortar for above ground floor	m3	21326.24	ft3	603.89
Item:- 38	Ma appa Brick(large) size 230x50x125mm work in (1:1:2) lime,surkhi, sand mortar for ground floor	m3	0.00	ft3	0.00
Item:- 39	Ma appa Brick(large) size 230x50x125mm work in (1:1:2) lime,surkhi, sand mortar for above ground floor	m3	0.00	ft3	0.00
Item:- 40	Ma appa Brick(small)size210x120x50 mm work in (1:1:2) lime,surkhi, sand mortar for ground floor	m3	27262.94	ft3	771.99
Item:- 41	Ma appa Brick(small) size210x120x50 mm work in (1:1:2) lime,surkhi, sand mortar for above ground floor	m3	27791.94	ft3	786.97
Item:- 42	Existing Ma appa Brick(large) work in (1:1:2) lime,surkhi, sand mortar for above ground floor	m3	10837.49	ft3	306.88
Item:- 43	Existing Ma appa Brick(small) work in (1:1:2) lime,surkhi, sand mortar for ground floor	m3	10308.49	ft3	291.90
Item:- 44	Traditional Kassimo Brick work in (1:1:2) lime,surkhi, sand mortar	m	396.86	ft	120.99
Item:- 45	Traditional Nago Brick work in (1:1:2) lime,surkhi, sand mortar	m	465.63	ft	141.96
Item:- 46	Traditional Jhallar Brick work in (1:1:2) lime,surkhi, sand mortar	m	469.79	ft	143.23
Item:- 47	Traditional Kerafo Brick work in (1:1:2) lime,surkhi, sand mortar	m	476.67	ft	145.33
Item:- 48	Traditional sikri Brick work in (1:1:2) lime,surkhi, sand mortar	m	396.86	ft	120.99
Item:- 49	Traditional Sinkhwa 2" with astmangal or full butta Brick work in (1:1:2) lime,surkhi, sand mortar	m	593.85	ft	181.05
Item:- 50	Traditional Sinkhwa 3" with astmangal or full butta Brick work in (1:1:2) lime,surkhi, sand mortar	m	959.53	ft	292.54
Item:- 51	Traditional Sinkhwa 4" Brick with astmangal or full butta work in (1:1:2) lime,surkhi, sand mortar	m	1085.12	ft	330.83
Item:- 52	Traditional Palefo Brick work in (1:1:2) lime,surkhi, sand mortar	m	487.71	ft	148.69
Item:- 53	Traditional Ba fya Brick work in (1:1:2) lime,surkhi, sand mortar	m	776.13	ft	236.63
Item:- 54	Traditional Fya Brick work in (1:1:2) lime,surkhi, sand mortar	m	465.63	ft	141.96
Item:- 55	Traditional Nagabeli Brick work in (1:1:2) lime,surkhi, sand mortar	m	447.23	ft	136.35
Item:- 56	Traditional Tinkune pali Brick work in (1:1:2) lime,surkhi, sand mortar	m	406.75	ft	124.01
Item:- 57	Traditional Gol nagol Brick work in (1:1:2) lime,surkhi, sand mortar	m	384.67	ft	117.28

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Item:- 58	Snake Carnesh Brick Work in (1:1:2) lime,surkhi, sand mortar	m	482.42	ft	147.08
Item:- 59	Mikha fushi Carnesh over wooden frame in 1:1"2 lime surkhi and sand	m	508.75	ft	155.11
Item:- 60	Lhakayan works (taking two number in one set)	no.	7093.89	no.	7093.89

(च) दुंगा सम्बन्धी कार्य

Item:- 61	Stone work in foundation in lime surkhi sand 1:1:2 ratio	m3	19005.54	ft3	538.17
Item:- 62	Stone work in foundation in lime stone dust 1:4 ratio	m3	14726.93	ft3	417.02
Item:- 63	Stone work with existing stone in foundation in lime surkhi sand 1:1:2 ratio	m3	15744.37	ft3	445.83
Item:- 64	Highly Dressed stone wall with chisel finishing in lime surkhi ,sand (1:1:2) stone width not < 15 cm.	m3	52803.33	ft3	1495.21
Item:- 65	Highly Dressed stone wall with chisel finishing in lime surkhi ,sand (1:1:2) with old stone width not < 15 cm.	m3	17083.76	ft3	483.75
Item:- 66	Highly Dressed stone wall with chisel finishing in cement sand (1:4)_ stone width not <15cm	m3	49267.04	ft3	1395.07
Item:- 67	Highly Dressed stone wall with chisel finishing in lime stone dust (1:3) stone width not < 15 cm.	m3	50002.54	ft3	1415.90
Item:- 68	One side Dressed (Ashlar masonry) stone wall with chisel finishing in lime surkhi ,sand (1:1:2)_stone width not < 15 cm	m3	34591.80	ft3	979.52
Item:- 69	One side Dressed (Ashlar masonry) stone wall with chisel finishing in cement ,sand (1:4) width not < 15 cm	m3	31061.79	ft3	879.56
Item:- 70	4" Peti Stone (10" X4") work in (1:1:1) lime, surkhi,sand mortar	r.m.	5001.80	r.ft.	1524.94
Item:- 71	5" Peti Stone work in (1:1:1) lime, surkhi,sand mortar size < 12"x10"x5"	r.m.	6242.39	r.ft.	1903.17
Item:- 72	5" Peti Stone work in (1:1:1) lime, surkhi,sand mortar using existing stone	r.m.	697.55	r.ft.	212.67
Item:- 73	5" Peti Stone work in cement : sand (1:4)size 10"x5" cement sand mortar	r.m.	6048.87	r.ft.	1844.17
Item:- 74	Corner /Nhekan Stone work (23cm.*23cm.*35cm.)	no.	9846.53	no.	9846.53
Item:- 75	4" Nagol Stone (10" X4") work in (1:1:1) lime, surkhi,sand mortar	r.m.	4209.68	r.ft.	1283.44
Item:- 76	5" Nagol Stone (10" X5") work in (1:1:1) lime, surkhi,sand mortar	r.m.	5648.30	r.ft.	1722.04
Item:- 77	Black saddle Base stone (12"x12"x10" size) for wooden column.	no.	11843.10	no.	11843.10
Item:- 78	Stone highly carving works excluding stone	m2	99066.75	ft2	9206.95
Item:- 79	Stone medium carving work excluding stone	m2	33240.75	ft2	3089.29

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(छ)	प्लास्टर सम्बन्धी कार्य				
Item:- 80	12.5 mm thick lime, surkhi and sand plaster in 1:1:2 ratio	m2	646.80	ft2	60.11
Item:- 81	20 mm thick lime, surkhi and sand plaster in 1:1:2 ratio	m2	866.59	ft2	80.54
(ज)	टिपकारी सम्बन्धी कार्य				
Item:- 82	Flush pointing in (1:1:2) lime, surkhi, sand on Brick wall.	m2	337.95	ft2	31.41
Item:- 83	Flush pointing in (1:1:2) lime, surkhi, sand on dressed stone/Boulder stone wall.	m2	399.76	ft2	37.15
(झ)	रंगरोगन सम्बन्धी कार्य				
Item:- 84	Wood Preservative paint with Double boiled linseed oil, Dursban insecticide, with Tarpin (1:1:8)	m2			
(ज)	काठ सम्बन्धी कार्य				
Item:- 85	Sal Wood shoring work	m3	55587.70	ft3	1574.05
Item:- 86	Sal Wood shoring using existing wood	m3	22275.50	ft3	630.77
Item:- 87	Sal Timber work for beam,joist,column etc.(up to 8'-0")	m3	286497.45	ft3	8112.63
Item:- 88	Nepali Sal wood work for beam,joist,column etc.(8'-0" to 12'-0")	m3	306624.88	ft3	8682.57
Item:- 89	Sal Timber work for beam,joist,column etc.(12'-0" above)	m3	322317.46	ft3	9126.93
Item:- 90	Sal Timber work for chauhat frame (up to 8'-0")	m3	353723.98	ft3	10016.25
Item:- 91	1"thick Nepali Sal wood planking works with three side plainning not < 4" width	m2	6679.10	ft2	620.73
Item:- 92	1.5" thick Eaves Board of Sal wood with three side plainning	m2	11216.44	ft2	1042.42
Item:- 93	2"(5cm) sal wood plain shutter with Gand and khur.	m2	14457.74	ft2	1343.66
Item:- 94	Window carving (except lattice jali) including wood	m2	78032.22	ft2	7252.07
Item:- 95	Window carving (except lattice jali) excluding wood	m2	50828.44	ft2	4723.83
Item:- 96	Carved salwood Lattice (jali) of Carved Window highly carving including wood	m2	69579.92	ft2	6466.54

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Item:- 97	Carved salwood Lattice (jali) of Carved Window highly carving excluding wood	m2	57218.75	ft2	5317.73
Item:- 98	Wooden Column highly carving works excluding wood	m2	55091.51	ft2	5120.03
Item:- 99	Wooden Column medium carving work excluding wood	m2	39701.29	ft2	3689.71
Item:- 100	Salwood Carved Mirap works including wood(between careved Post)	m2	69695.31	ft2	6477.26
Item:- 101	Beam carving works above Column excluding wood	m2	43872.50	ft2	4077.37
Item:- 102	Carnesh carving works excluding wood	m2	44313.02	ft2	4118.31
Item:- 103	Carved Tuda(6'x4"x6") works including wood	no.	57875.82	no.	57875.82
Item:- 104	Carved Kunsal(6'6"x5"x8") works including wood	no.	47309.85	no.	47309.85
Item:- 105	Carved Three Bay Window(except jali) works including wood	m2	81275.43	ft2	7553.48
Item:- 106	Carved Three Bay Window(except jali) works excluding wood	m2	48609.44	ft2	4517.61
Item:- 107	Carved Door (except khapa) works excluding wood	m2	46573.00	ft2	4328.35
Item:- 108	Carved Nas 3"thick works excluding wood	m	3657.00	ft	1114.94
Item:- 109	Window carving (except lattice jali) including wood	m2	78032.22	ft2	7252.07
Item:- 110	Carved salwood Lattice (jali) shutter of Carved door including wood	m2	36938.64	ft2	3432.96
Item:- 111	Carved Tuda works excluding wood	m2	15743.50	ft2	1463.15
Item:- 112	Carved Kunsal works excluding wood	m2	7529.45	ft2	699.76

(ट) छाना सम्बन्धी कार्य

Item:- 113	New Jhingati (8-3/4"*4") laying on roof with 3" clay	m2	4842.49	ft2	450.05
Item:- 114	Old Jhingati (8-3/4"*4") laying on roof with 3" clay	m2	3335.32	ft2	309.97
Item:- 115	Old Jhingati (8-3/4"*4") laying (using existing jhingati)on roof with 3" clay	m2	1256.46	ft2	116.77
Item:- 116	Middle class Gongacha (Corner bird) fixing works	no.	294.40	no.	294.40
Item:- 117	Jhingati Nailing works	r.m	107.32	r.ft.	32.72
Item:- 118	Dhuri Chang small (horizontal and vertical)works size 203x152x25 mm	r.m.	2356.71	r.ft.	718.51
Item:- 119	Dhuri Chang (horizontal and vertical)_small sized using existing	r.m.	238.34	r.ft.	72.66
Item:- 120	Dhuri Chang (horizontal and vertical)_large sized 254x203x25mm works	r.m.	6317.63	r.ft.	1926.11

Prepared By:-

Checked By:-

Approved By:-

Item:- 121	Two layers of plastic felt laying on roofing with bitumen.	m2	1132.13	ft2	105.22
Item:- 122	Single layers of plastic felt laying on roofing with bitumen	m2	685.98	ft2	63.75
Item:- 123	0.50 mm 24 gauge(medium) colour plain sheet roofing works	m2	1962.11	ft2	182.35
Item:- 124	0.50 mm 24 gauge(medium) colour plain sheet ridge roofing works	r.m	1185.53	r.ft	361.44
Item:- 125	20 gauge Brass plate making and fixing on roof.	m2	14913.64	ft2	1386.03
Item:- 126	22 gauge Copper plate making and fixing on roof	m2	13949.48	ft2	1296.42
Item:- 127	26 gauge Copper plate making and fixing on roof.(Indian)	m2	9184.30	ft2	853.56
Item:- 128	22 gauge Brass plate making and fixing on roof.	m2	12179.38	ft2	1131.91
Item:- 129	26 gauge Brass plate making and fixing on roof.	m2	8077.99	ft2	750.74
Item:- 130	20/22 /26 gauge copper sheet gajur making and fixing on roof.	kg	4517.43	kg	4517.43
Item:- 131	20/22 /26 gauge brass sheet gajur making and fixing on roof.	kg	4289.73	kg	4289.73
Item:- 132	20/22 /26 gauge 6"/8" copper/brass sheet Eaves/ jhallar butta making (labour cost only).	r.m	2563.07	r.ft	781.43
Item:- 133	20/22 /26 gauge 15" brass sheet Kunpa making and fixing on roof (avg wt 2 kg).	no.	6970.73	no.	6970.73
Item:- 134	20/22 /26 gauge 12" brass sheet Kunpa making and fixing on roof (avg wt 1.8 kg).	no.	4710.80	no.	4710.80
Item:- 135	20/22 /26 gauge 15" copper sheet Kunpa making and fixing on roof (avg wt 2 kg)	no.	6733.54	no.	6733.54
Item:- 136	20/22 /26 gauge 12" copper sheet Kunpa making and fixing on roof (avg wt 1.8 kg).	no.	4909.52	no.	4909.52

(ठ) खट बाँधने सम्बन्धी कार्य

Item:- 137	Single bamboo Scaffolding works	m2	139.74	ft2	12.99
Item:- 138	Single Scaffolding using existing Bamboo	m2	95.58	ft2	8.88
Item:- 139	Double bamboo Scaffolding works	m2	260.35	ft2	24.20
Item:- 140	Single MS black pipe Scaffolding works	m2	141.87	ft2	13.18
Item:- 141	Double MS black pipe Scaffolding works	m2	561.86	ft2	52.22

(ड) धातु सम्बन्धी कार्य

Item:- 142	Iron belt for Eaves Board	no.	193.19	no.	193.19
Item:- 143	Wind Bell 4" with complete set	no.	1006.25	no.	1006.25

Prepared By:

Checked By:-

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Item:- 144	Making and fixing of Bhairab of 20 gauge Brass plate medium size 4" (avg 255gm weight)	no.	1559.58	no.	1559.58
Item:- 145	20 gauge Copper plate making and fixing on roof.	m2	17126.27	ft2	1591.66
Item:- 146	Making and fixing of Bhairab of 20 gauge Copper plate medium size 4" (avg 300gm weight)	no.	1722.99	no.	1722.99
Item:- 147	Gold gilding work (new coat) 1/4 tola per sq.ft	m2	517019.97	ft2	48050.18
(द)	कार्निस सम्बन्धी कार्य				
Item:- 148	Cornice works in lime, surkhi and sand mortar 1: 1:1 ratio	m2	3883.86	ft2	360.95

Prepared By:-

Checked By:-

Approved By:-

Ministry of Culture, Tourism Civil Aviation
Department of Archaeology

Rate Analysis

(क) भत्काउने सम्बन्धी कार्य

Item:- 1 Dismantling Chimney Brick work in mud mortar and throwing 10 metre away.

For 10 m ³						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	1.06	Head	920.00	975.20	975.20
				Actual Rate	975.20	
Rate per m ³ :-	112.15			15% Overhead	146.28	
Rate per ft ³ :-	3.18			Grand Total	1121.48	

Item:- 2 Dismantling Chimney Brick work in cement mortar and throwing 10 metre away.

For 1 m ³						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	2.12	Head	920.00	1950.40	1950.40
				Actual Rate	1950.40	
Rate per m ³ :-	2242.96			15% Overhead	292.56	
Rate per ft ³ :-	63.51			Grand Total	2242.96	

Item:- 3 Dismantling R.C.C. or R.B.C work and throwing 10 metre away.

For 10 m ³						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	11	Head	920.00	10120.00	10120.00
				Actual Rate	10120.00	
Rate per m ³ :-	1163.80			15% Overhead	1518	
Rate per ft ³ :-	32.95			Grand Total	11638.00	

Prepared By:-

Checked By:-

Approved By:-

Government of Nepal
 Ministry of Culture, Tourism Civil Aviation
Department of Archaeology

Rate Analysis

Item:- 4

Dismantling Plain cement or lime concrete and throwing 10 metre away.

For 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	4	Head	920.00	3680.00	3680.00
				Actual Rate	3680.00	
Rate per m ³ :-	4232.00			15% Overhead	552.00	
Rate per ft ³ :-	119.84			Grand Total	4232.00	

Item:- 5

Dismantling Cement or Lime Plaster and throwing 10 metre away.

For 1 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	0.108	Head	920.00	99.36	99.36
				Actual Rate	99.36	
Rate per m ² :-	114.26			15% Overhead	14.90	
Rate per ft ² :-	10.62			Grand Total	114.26	

Item:- 6

Dismantling Jhingati roofing and throwing 10 metre away.

For 1 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi.Mason	0.054	Head	1345.00	72.63	147.15
	Labour	0.081	Head	920.00	74.52	
				Actual Rate	147.15	
Rate per m ² :-	169.22			15% Overhead	22.07	
Rate per ft ² :-	15.73			Grand Total	169.22	

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Rate Analysis

Item:- 7

Dismantling Tile roofing and throwing 10 metre away.

For 1 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	0.054	Head	1225.00	66.15	
	Labour	0.081	Head	920.00	74.52	140.67
				Actual Rate		140.67
Rate per m ² :-	161.77			15% Overhead		21.10
Rate per ft ² :-	15.03			Grand Total		161.77

Item:- 8

Disposing waste materials by Tractor (small) including labour for 1 no.

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Material	Tractor fare	1	No.	0	0	0
				Actual Rate		0
Rate per m ³ :-	0			15% Overhead		0
Rate per ft ³ :-	0			Total		0
				Grand Total		0

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Rate Analysis

(ख) जग खन्ने सम्बन्धी कार्य

Item:- 9 Earth work in Excavation---soft and silty clay

for 1 m3						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	0.7	Head	920.00	644.00	
Material	Tools and Equipment	3% of labour		19.32	19.32	663.32
				Actual Rate		663.32
Rate per m3:-	762.82			15% Overhead		99.50
Rate per ft3:-	21.60			Grand Total		762.82

Item:- 10 Earth work in Excavation--Hard clay with soft stone

for 1 m3						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Labour	0.8	Head	920.00	736.00	
Material	Tools and Equipment	3% of labour		22.08	22.08	758.08
				Actual Rate		758.08
Rate per m3:-	871.79			15% Overhead		113.71
Rate per ft3:-	24.69			Grand Total		871.79

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Rate Analysis

(ग) चुना कंकिट सम्बन्धी कार्य

Item:- 11 Lime Concrete in Foundation and wall in (1:2:4) lime, sand and brick ballast.

						For 1 m ³
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1	Head	1345.00	1345.00	5025.00
	Labour	4	Head	920.00	3680.00	
Material	Lime	0.213	m ³	26825.00	5713.73	9359.35
	Brick Ballast	0.85	m ³	2625.00	2231.25	
	Sand	0.445	m ³	3178.35	1414.37	
						Actual Rate
						14384.35
						15% Overhead
						2157.65
						Grand Total
						16542.00

Item:- 12 Lime Concrete in Foundation and wall in (1:2:4) lime, sand and aggregate.

						For 1 m ³
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	0.5	Head	1345.00	672.50	4352.50
	Labour	4	Head	920.00	3680.00	
Material	Lime	0.213	m ³	26825.00	5713.73	9829.70
	40 mm aggregate	0.85	m ³	3178.35	2701.60	
	Sand	0.445	m ³	3178.35	1414.37	
						Actual Rate
						14182.20
						15% Overhead
						2127.33
						Grand Total
						16309.53

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Rate Analysis

(घ) भुई सम्बन्धी कार्य

Item:- 13

Chimney Brick on flat Soling

						for 10 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	0.5	Head	1225.00	612.50	1532.50
	Labour	1	Head	920.00	920.00	
Material	Chimney Brick	420	Nos.	15.14	6358.80	8615.43
	Sand	0.71	m ³	3178.35	2256.63	
						Actual Rate
						10147.93
						15% Overhead
						1522.19
						Grand Total
						11670.12

Item:- 14

Chimney Brick on flat Soling using existing brick

						for 10 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	0.5	Head	1225.00	612.50	1532.50
	Labour	1	Head	920.00	920.00	
Material	Chimney Brick	0	Nos.	15.14	0.00	2256.63
	Sand	0.71	m ³	3178.35	2256.63	
						Actual Rate
						3789.13
						15% Overhead
						568.37
						Grand Total
						4357.50

Item:- 15

Chimney Brick on edge Soling

						for 10 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	1	Head	1225.00	1225.00	4215.00
	Labour	3.25	Head	920.00	2990.00	
Material	Chimney Brick	750	Nos.	15.14	11355.00	13611.63
	Sand	0.71	m ³	3178.35	2256.63	
						Actual Rate
						17826.63
						15% Overhead
						2673.99
						Grand Total
						20500.62

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Item:- 16 Brick soling on edge in lime, surkhi and sand (1:1:2) with (1:1) lime surkhi pointing
 for 10 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1.1	Head	1345.00	1479.50	3135.50
	Labour	1.8	Head	920.00	1656.00	
Material	Local Bricks	750	Nos.	15.14	11355.00	19714.98
	Lime	0.1706	m ³	26825.00	4576.35	
	Surkhi	0.1706	m ³	19000.00	3241.40	
	Sand	0.1706	m ³	3178.35	542.23	
Rate per m ² :- 2267.22					Actual Rate	19714.98
Rate per ft ² :- 210.71					15% Overhead	2957.25
					Grand Total	22672.23

Item:- 17 Old Brick soling on edge in lime, surkhi and sand (1:1:2)with (1:1) lime surkhi pointing
 for 10 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1.1	Head	1345.00	1479.50	3135.50
	Labour	1.8	Head	920.00	1656.00	
Material	Lime	0.1706	m ³	26825.00	4576.35	8359.98
	Surkhi	0.1706	m ³	19000.00	3241.40	
	Sand	0.1706	m ³	3178.35	542.23	
	Rate per m ² :- 1321.98					Actual Rate
Rate per ft ² :- 122.86					15% Overhead	1724.32
					Grand Total	13219.80

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Rate Analysis

Item:- 18

Telia Brick (Machine made) 6"x6" in (1:1:1) lime, surkhi,sand mortar with (1:1) lime surkhi pointing

						for 10 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	4.5	Head	1345.00	6052.50	10192.50
	Labour	4.5	Head	920.00	4140.00	
Material	Telia Brick	440	Nos.	29.50	12980.00	21343.49
	Lime	0.133	m ³	26825.00	3567.73	
	Surkhi	0.232	m ³	19000.00	4408.00	
	Sand	0.122	m ³	3178.35	387.76	
						Actual Rate
						31535.99
						15% Overhead
						4730.40
						Grand Total
						36266.39

Item:-19

Telia Brick in Machine made 8"X8"(1:1:1) lime, surkhi,sand mortar with (1:1) lime surkhi pointing

						for 10 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	4.5	Head	1345.00	6052.50	10192.50
	Labour	4.5	Head	920.00	4140.00	
Material	Telia Brick	254	Nos.	51.00	12954.00	21317.49
	Lime	0.133	m ³	26825.00	3567.73	
	Surkhi	0.232	m ³	19000.00	4408.00	
	Sand	0.122	m ³	3178.35	387.76	
						Actual Rate
						31509.99
						15% Overhead
						4726.50
						Grand Total
						36236.49

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Rate Analysis

Item:- 20

25 to 37.5 mm thick Flag Stone laying in (1:1:2) lime, surkhi, sand mortar.

For 10 m2						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	2	Head	1225.00	2450.00	6590.00
	Labour	4.5	Head	920.00	4140.00	
Material	37.5 mm flag stone	11	sq.m.	1011.44	11125.84	13799.45
	Lime	0.0512	m3	26825.00	1373.44	
	Surkhi	0.0512	m3	19000.00	972.80	
	Sand	0.103	m3	3178.35	327.37	
					Actual Rate	20389.45
					15% Overhead	3058.42
					Grand Total	23447.87
Rate per m2:-		2344.79				
Rate per ft2:-		217.92				

Item:- 21 50 mm thick Flag Stone laying in (1:1:2) lime, surkhi, sand mortar.

For 10 m2						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	2	Head	1225.00	2450.00	6590.00
	Labour	4.5	Head	920.00	4140.00	
Material	50 mm flag stone	11	m2	1194.36	13137.96	15918.92
	Lime	0.0533	m3	26825.00	1429.77	
	Surkhi	0.0533	m3	19000.00	1012.70	
	Sand	0.1065	m3	3178.35	338.49	
					Actual Rate	22508.92
					15% Overhead	3376.34
					Grand Total	25885.26
Rate per m2:-		2588.53				
Rate per ft2:-		240.57				

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Rate Analysis

(ड) ईटा सम्बन्धी कार्य

Item:- 22

Chimney Brick work in mud mortar for ground floor

Description	Type	Quantity	Unit	Rate	Amount	for 1 m³
						Total Amount
Labour	Mason	1	Head	1225.00	1225.00	2973.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.2	Head	920.00	184.00	
Material	Chimney Brick	560	Nos.	15.14	8478.40	8611.96
	Clay	0.42	m ³	318.00	133.56	
						Actual Rate
						11584.96
						15% Overhead
						1737.74
						Grand Total
						13322.70

Rate per m³:- 13322.70

Rate per ft³:- 377.25

Item:- 23

Chimney Brick work in mud mortar for above ground floor

Description	Type	Quantity	Unit	Rate	Amount	for 1m³
						Total Amount
Labour	Mason	1	Head	1225.00	1225.00	3433.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.7	Head	920.00	644.00	
Material	Chimney Brick	560	Nos.	15.14	8478.40	8611.96
	Clay	0.42	m ³	318.00	133.56	
						Actual Rate
						12044.96
						15% Overhead
						1806.74
						Grand Total
						13851.70

Rate per m³:- 13851.70

Rate per ft³:- 392.23

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Rate Analysis

Item:- 24 Chimney Brick work in mud mortar for ground floor (using existing bricks)

for 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	1	Head	1225.00	1225.00	2973.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.2	Head	920.00	184.00	
Material	Chimney Brick	0	Nos.	15.14	0.00	133.56
	Clay	0.42	m ³	318.00	133.56	
Actual Rate						3106.56
15% Overhead						465.98
Grand Total						3572.54
Rate per m ³ :- 3572.54						
Rate per ft ³ :- 101.16						

Item:- 25 Chimney Brick work in mud mortar for above ground floor (using existing bricks)

for 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	1	Head	1225.00	1225.00	3433.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.7	Head	920.00	644.00	
Material	Chimney Brick	0	Nos.	0.00	0.00	133.56
	Clay	0.42	m ³	318.00	133.56	
Actual Rate						3566.56
15% Overhead						534.98
Grand Total						4101.54
Rate per m ³ :- 4101.54						
Rate per ft ³ :- 116.14						

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Rate Analysis

Item:- 26 Chimney Brick work in (1:1:2) lime,surkhi, sand mortar for ground floor

for 1 m ³						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	1.5	Head	1225.00	1837.50	4045.50
	Labour	2.2	Head	920.00	2024.00	
	Labour	0.2	Head	920.00	184.00	
Material	Chimney Brick	560	Nos.	15.14	8478.40	13044.30
	Lime	0.0875	m ³	26825.00	2347.19	
	Surkhi	0.0875	m ³	19000.00	1662.50	
	Sand	0.175	m ³	3178.35	556.21	
Actual Rate						17089.80
Rate per m ³ : - 19653.27						2563.47
Rate per ft ³ : - 556.51						Grand Total
						19653.27

Item:- 27 Chimney Brick work in (1:1:2) lime,surkhi, sand mortar for above ground floor

for 1m3						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	1.5	Head	1225.00	1837.50	4505.50
	Labour	2.2	Head	920.00	2024.00	
	Labour	0.7	Head	920.00	644.00	
Material	Chimney Brick	560	Nos.	15.14	8478.40	13044.30
	Lime	0.0875	m ³	26825.00	2347.19	
	Surkhi	0.0875	m ³	19000.00	1662.50	
	Sand	0.175	m ³	3178.35	556.21	
Actual Rate						17549.80
Rate per m ³ : - 20182.27						2632.47
Rate per ft ³ : - 571.49						Grand Total
						20182.27

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Rate Analysis

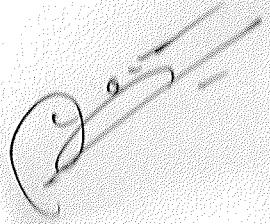
Item:-28 Traditional Brick (Small Dachi Appa) size 210x55x97 mm work in (1:1:2) lime,surkhi, sand mortar

Description	Type	Quantity	Unit	Rate	Amount	for 100m²	Total Amount
Labour	Traditional Head Mason	11	Head	1570.00	17270.00		195710.00
	Tradi. Mason	34	Head	1460.00	49640.00		
	Labour	140	Head	920.00	128800.00		
Material	Dachi Appa	9091	Nos.	31.00	281821.00		340055.78
	Lime	1.116	m ³	26825.00	29936.70		
	Surkhi	1.116	m ³	19000.00	21204.00		
	Sand	2.232	m ³	3178.35	7094.08		
						Actual Rate	535765.78
						15% Overhead	80364.87
						Grand Total	616130.65

Item:- 29 Traditional Brick (Small Dachi Appa) size 210x55x97 mm work in (1:4)cement sand mortar

Description	Type	Quantity	Unit	Rate	Amount	for 100 m²	Total Amount
Labour	traditional Head Mason	11	Head	1570.00	17270.00		195710.00
	Tradi. Mason	34	Head	1460.00	49640.00		
	Labour	140	Head	920.00	128800.00		
Material	Dachi Appa	9091	Nos.	31.00	281821.00		309557.25
	Cement	1.34	mt	12231.00	16389.54		
	Sand	3.57	m ³	3178.35	11346.71		
						Actual Rate	505267.25
						15% Overhead	75790.09
						Grand Total	581057.34

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Rate Analysis

**Item:- 30 Traditional Brick (Dachi Appa-large size) size 230x55x100 mm
 work in (1:1:2) lime,surkhi, sand mortar**

Description	Type	Quantity	Unit	Rate	Amount	for 100 m2	Total Amount
						Actual Rate	
Labour	Traditional Head Mason	11	Head	1570.00	17270.00	0.00	
	Tradi. Mason	34	Head	1460.00	49640.00		
	Labour	140	Head	920.00	128800.00		
Material	Dachi Appa	8300	Nos.	0.00	0.00	0.00	
	Lime	1.116	m3	26825.00	29936.70		
	Surkhi	1.116	m3	19000.00	21204.00		
	Sand	2.232	m3	3178.35	7094.08		
Rate per m2:-	0.00					Actual Rate	0.00
Rate per ft2:-	0.00					15% Overhead	0.00
						Grand Total	0.00

Item:- 31 Traditional Brick (small Dachi Appa) work in yellow mud mortar

Description	Type	Quantity	Unit	Rate	Amount	for 100 m2	Total Amount
						Actual Rate	
Labour	Traditional Head Mason	11	Head	1570.00	17270.00	195710.00	
	Tradi. Mason	34	Head	1460.00	49640.00		
	Labour	140	Head	920.00	128800.00		
Material	Dachi Appa	9091	Nos.	31.00	281821.00	283490.50	
	Yellow clay	5.25	m3	318.00	1669.50		
Rate per m2:-	5510.81					Actual Rate	479200.50
Rate per ft2:-	512.16					15% Overhead	71880.08
						Grand Total	551080.58

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Rate Analysis

Item:- 32 Traditional Brick (Small Dachi Appa) work using existing old bricks in yellow mud mortar

Description	Type	Quantity	Unit	Rate	Amount	for 100 m²	Total Amount
						Labour	
Labour	Traditional Head Mason	11	Head	1570.00	17270.00		195710.00
	Tradi. Mason	34	Head	1460.00	49640.00		
	Labour	140	Head	920.00	128800.00		
Material	Dachi Appa	0	Nos.	0.00	0.00		1669.50
	Yellow clay	5.25	m ³	318.00	1669.50		
Rate per m ² :- 2269.86						Actual Rate	197379.50
Rate per ft ² :- 210.95						15% Overhead	29606.93
						Grand Total	226986.43

Item:- 33 Traditional Brick (Dachi Appa-large size) work using existing old bricks in (1:1:2) lime,surkhi

Description	Type	Quantity	Unit	Rate	Amount	for 100 m²	Total Amount
						Labour	
Labour	Traditional Head Mason	11	Head	1570.00	17270.00		195710.00
	Tradi. Mason	34	Head	1460.00	49640.00		
	Labour	140	Head	920.00	128800.00		
Material	Dachi Appa		Nos.	0.00	0.00		58234.78
	Lime	1.116	m ³	26825.00	29936.70		
	Surkhi	1.116	m ³	19000.00	21204.00		
	Sand	2.232	m ³	3178.35	7094.08		
Rate per m ² :- 2920.37						Actual Rate	253944.78
Rate per ft ² :- 271.41						15% Overhead	38091.72
						Grand Total	292036.50

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Rate Analysis

Item:- 34 Ma Appa (Traditional Local Brick--large) work in yellow mud mortar for ground floor

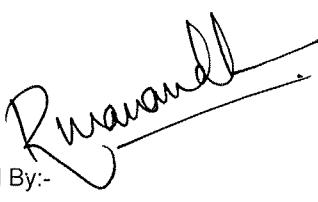
for 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1	Head	1460.00	1460.00	
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.2	Head	920.00	184.00	
Material	Ma Appa	540	Nos.	23.00	12420.00	
	Yellow Clay	0.42	m ³	318.00	133.56	
				Actual Rate	0.00	
				15% Overhead	0	
				Grand Total	0.00	
				Rate per m ³ :-	0.00	
				Rate per ft ³ :-	0.00	

Item:- 35 Ma Appa (Traditional Local Brick--small) size 210x120x50 mm work in yellow mud mortar for ground floor

for 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1	Head	1460.00	1460.00	3208.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.2	Head	920.00	184.00	
Material	Ma Appa	641	Nos.	23.00	14743.00	14876.56
	Yellow Clay	0.42	m ³	318.00	133.56	
				Actual Rate	18084.56	
				15% Overhead	2712.68	
				Grand Total	20797.24	
				Rate per m ³ :-	20797.24	
				Rate per ft ³ :-	588.91	

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Rate Analysis

Item:- 36

Ma Appa (Traditional Local Brick--large) size 230x50x125mm work in yellow mud mortar for above ground floor

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1	Head	1460.00	1460.00	0.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.7	Head	920.00	644.00	
Material	Ma Appa	540	Nos.	23.00	12420.00	0.00
	Yellow Clay	0.42	m3	318.00	133.56	
						Actual Rate
						0.00
						15% Overhead
						0
						Grand Total
						0.00

Item:- 37

Ma Appa (Traditional Local Brick--small) size 210x120x50 mm work in yellow mud mortar for above ground floor

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	1	Head	1460.00	1460.00	3668.00
	Labour	1.7	Head	920.00	1564.00	
	Labour	0.7	Head	920.00	644.00	
Material	Ma Appa	641	Nos.	23.00	14743.00	14876.56
	Yellow Clay	0.42	m3	318.00	133.56	
						Actual Rate
						18544.56
						15% Overhead
						2781.68
						Grand Total
						21326.24

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Rate Analysis

Item:- 38 Ma appa Brick(large) size 230x50x125mm work in (1:1:2) lime,surkhi, sand mortar for ground floor

for 1 m3					
Description	Type	Quantity	Unit	Rate	Amount
Labour	Tradi. Mason	1.5	Head	1460.00	2190.00
	Labour	2.2	Head	920.00	2024.00
	Labour	0.2	Head	920.00	184.00
Material	Ma appa	540	Nos.	0.00	0.00
	Lime	0.0875	m3	26825.00	2347.19
	Surkhi	0.0875	m3	19000.00	1662.50
	Sand	0.175	m3	3178.35	556.21
				Actual Rate	0.00
				15% Overhead	0.00
				Grand Total	0.00
				Rate per m3:-	0
				Rate per ft3:-	0.00

Item:- 39 Ma appa Brick(large) size 230x50x125mm work in (1:1:2) lime,surkhi, sand mortar for above ground floor

for 1 m3					
Description	Type	Quantity	Unit	Rate	Amount
Labour	trad Mason	1.5	Head	1460.00	2190.00
	Labour	2.2	Head	920.00	2024.00
	Labour	0.7	head	920.00	644.00
Material	Ma appa	540	Nos.	0.00	0.00
	Lime	0.0875	m3	26825.00	2347.19
	Surkhi	0.0875	m3	19000.00	1662.50
	Sand	0.175	m3	3178.35	556.21
				Actual Rate	0.00
				15% Overhead	0
				Grand Total	0.00
				Rate per m3:-	0
				Rate per ft3:-	0.00

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Rate Analysis

Item:- 40 Ma appa Brick(small) size210x120x50 mm work in (1:1:2) lime,surkhi, sand mortar for ground floor

for 1 m3						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad Mason	1.5	Head	1460.00	2190.00	4398.00
	Labour	2.2	Head	920.00	2024.00	
	Labour	0.2	Head	920.00	184.00	
Material	Ma appa	641	Nos.	23.00	14743.00	19308.90
	Lime	0.0875	m3	26825.00	2347.19	
	Surkhi	0.0875	m3	19000.00	1662.50	
	Sand	0.175	m3	3178.35	556.21	
				Actual Rate	23706.90	
				15% Overhead	3556.04	
				Grand Total	27262.94	

Item:- 41 Ma appa Brick(small) size210x120x50 mm work in (1:1:2) lime,surkhi, sand mortar for above ground floor

for 1 m3						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	trad Mason	1.5	Head	1460.00	2190.00	4858.00
	Labour	2.2	Head	920.00	2024.00	
	Labour	0.7	head	920.00	644.00	
Material	Ma appa	641	Nos.	23.00	14743.00	19308.90
	Lime	0.0875	m3	26825.00	2347.19	
	Surkhi	0.0875	m3	19000.00	1662.50	
	Sand	0.175	m3	3178.35	556.21	
				Actual Rate	24166.90	
				15% Overhead	3625.04	
				Grand Total	27791.94	

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Rate Analysis

Item:- 42 Existing Ma appa Brick(large) work in (1:1:2) lime,surkhi, sand mortar for above ground floor

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	trad Mason	1.5	Head	1460.00	2190.00	4858.00
	Labour	2.2	Head	920.00	2024.00	
	Labour	0.7	head	920.00	644.00	
Material	Lime	0.0875	m3	26825.00	2347.19	4565.90
	Surkhi	0.0875	m3	19000.00	1662.50	
	Sand	0.175	m3	3178.35	556.21	
						Actual Rate
						9423.90
						15% Overhead
						1413.59
						Grand Total
						10837.49

Item:- 43 Existing Ma appa Brick(small) work in (1:1:2) lime,surkhi, sand mortar for ground floor

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad Mason	1.5	Head	1460.00	2190.00	4398.00
	Labour	2.2	Head	920.00	2024.00	
	Labour	0.2	Head	920.00	184.00	
Material	Lime	0.0875	m3	26825.00	2347.19	4565.90
	Surkhi	0.0875	m3	19000.00	1662.50	
	Sand	0.175	m3	3178.35	556.21	
						Actual Rate
						8963.90
						15% Overhead
						1344.59
						Grand Total
						10308.49

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Rate Analysis

Item:- 44 Traditional Kassimo Brick work in (1:1:2) lime,surkhi, sand mortar

Description	Type	Quantity	Unit	Rate	Amount	for 10 m	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90		1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20		
	Labour	0.91	Head	920.00	837.20		
Material	Kassimo Brick(200mm)	53	Nos.	34.00	1802.00		2182.61
	Lime	0.0073	m3	26825.00	195.82		
	Surkhi	0.0073	m3	19000.00	138.70		
	Sand	0.0145	m3	3178.35	46.09		
						Actual Rate	3450.91
						15% Overhead	517.64
						Grand Total	3968.55

Item:- 45 Traditional Nago Brick work in (1:1:2) lime.surkhi. sand mortar

Description	Type	Quantity	Unit	Rate	Amount	for 10 m	Total Amount
Labour	traditional Head Mason	0.07	Head	1570.00	109.90		1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20		
	Labour	0.91	Head	920.00	837.20		
Material	nago Brick (140mm)	75	Nos.	32.00	2400.00		2780.61
	Lime	0.0073	m3	26825.00	195.82		
	Surkhi	0.0073	m3	19000.00	138.70		
	Sand	0.0145	m3	3178.35	46.09		
						Actual Rate	4048.91
						15% Overhead	607.34
						Grand Total	4656.25

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Rate Analysis

Item:- 46 Traditional Jhallar Brick work in (1:1:2) lime,surkhi, sand mortar

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.25	Head	1570.00	392.50	1944.50
	Tradi. Mason	1	Head	1460.00	1460.00	
	Labour	0.1	Head	920.00	92.00	
Material	Jhallar Brick (190mm)	55	Nos.	32.00	1760.00	2140.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
Actual Rate						4085.11
15% Overhead						612.77
Grand Total						4697.88

Item:- 47 Traditional Kerafo Brick work in (1:1:2) lime.surkhi, sand mortar

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Brick(135mm)	78	Nos.	32.00	2496.00	2876.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
Actual Rate						4144.91
15% Overhead						621.74
Grand Total						4766.65

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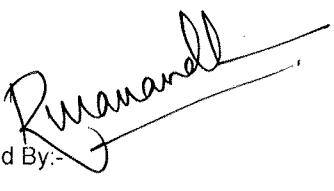
Rate Analysis

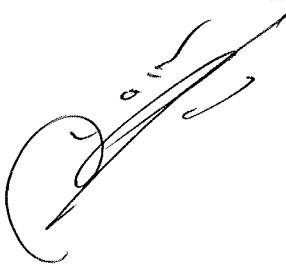
Item:- 48 Traditional sikri Brick work in (1:1:2) lime,surkhi, sand mortar

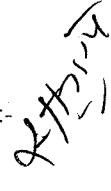
Description	Type	Quantity	Unit	Rate	Amount	for 10 m	Total Amount
						Actual Rate	
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90		1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20		
	Labour	0.91	Head	920.00	837.20		
Material	Sikri Brick (200mm)	53	Nos.	34.00	1802.00		2182.61
	Lime	0.0073	m3	26825.00	195.82		
	Surkhi	0.0073	m3	19000.00	138.70		
	Sand	0.0145	m3	3178.35	46.09		
						Actual Rate	3450.91
						15% Overhead	517.64
						Grand Total	3968.55

Item:- 49 Traditional Sinkhwa 2" with astamangal or full butta Brick work in (1:1:2) lime,surkhi, sand mortar

Description	Type	Quantity	Unit	Rate	Amount	for 10 m	Total Amount
						Actual Rate	
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90		1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20		
	Labour	0.91	Head	920.00	837.20		
Material	sinkhwa Brick with astamangal or full butta(110m m)	95	Nos.	37.00	3515.00		3895.61
	Lime	0.0073	m3	26825.00	195.82		
	Surkhi	0.0073	m3	19000.00	138.70		
	Sand	0.0145	m3	3178.35	46.09		
							Actual Rate
						5163.91	
						15% Overhead	774.59
						Grand Total	5938.50

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Rate Analysis

Item:- 50

Traditional Sinkhwa 3" with astmangal or full butta Brick work in (1:1:2) lime,surkhi, sand mortar

for 10 m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	sinkhwa Brick(3")	70	Nos.	47.00	3290.00	7075.41
	Astmangal 3"	70	Nos.	47.00	3290.00	
	Lime	0.0095	m3	26825.00	254.84	
	Surkhi	0.0095	m3	19000.00	180.50	
	Sand	0.0189	m3	3178.35	60.07	
					Actual Rate	8343.71
					15% Overhead	1251.56
					Grand Total	9595.27
Rate per m:-	959.53					
Rate per ft:-	292.54					

Item:- 51

Traditional Sinkhwa 4" Brick with astmangal or full butta work in (1:1:2) lime,surkhi, sand mortar

for 10 m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	sinkhwa Brick(4")	53	Nos.	71.00	3763.00	8167.52
	astamangal 4"	53	Nos.	71.00	3763.00	
	Lime	0.0123	m3	26825.00	329.95	
	Surkhi	0.0123	m3	19000.00	233.70	
	Sand	0.0245	m3	3178.35	77.87	
					Actual Rate	9435.82
					15% Overhead	1415.37
					Grand Total	10851.19
Rate per m:-	1085.12					
Rate per ft:-	330.83					

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Rate Analysis

Item:- 52 Traditional Palefo Brick work in (1:1:2) lime,surkhi, sand mortar

						for 10 m
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Palefo Brick(130mm)	81	Nos.	32.00	2592.00	2972.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
						Actual Rate
Rate per m:-	487.71					4240.91
Rate per ft:-	148.69					15% Overhead
						636.14
						Grand Total
						4877.05

Item:- 53 Traditional Ba fva Brick work in (1:1:2) lime.surkhi, sand mortar

						for 10 m
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Bafya Brick (140mm)	75	Nos.	68.00	5100.00	5480.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
						Actual Rate
Rate per m:-	776.13					6748.91
Rate per ft:-	236.63					15% Overhead
						1012.34
						Grand Total
						7761.25

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Rate Analysis

Item:- 54 Traditional Fya Brick work in (1:1:2) lime,surkhi, sand mortar

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Fya Brick (140mm)	75	Nos.	32.00	2400.00	2780.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
				Actual Rate	4048.91	
				15% Overhead	607.34	
				Grand Total	4656.25	

Item:- 55 Traditional Nagabeli Brick work in (1:1:2) lime,surkhi, sand mortar

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Nagabeli Brick(150mm)	70	Nos.	32.00	2240.00	2620.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
				Actual Rate	3888.91	
				15% Overhead	583.34	
				Grand Total	4472.25	

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Rate Analysis

Item:- 56 Traditional Tinkune pali Brick work in (1:1:2) lime,surkhi, sand mortar

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Tinkune pali Brick (180mm)	59	Nos.	32.00	1888.00	2268.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
Actual Rate						3536.91
Rate per m:-	406.75					15% Overhead
Rate per ft:-	124.01					Grand Total
						4067.45

Item:- 57 Traditional Gol nagol Brick work in (1:1:2) lime,surkhi, sand mortar

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Gol nagol Brick(200mm)	53	Nos.	32.00	1696.00	2076.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
Actual Rate						3344.91
Rate per m:-	384.67					15% Overhead
Rate per ft:-	117.28					Grand Total
						3846.65

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Rate Analysis

Item:- 58 Snake Carnesh Brick Work in (1:1:2) lime,surkhi, sand mortar

for 10 m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	Snake body	66	Nos.	32.00	2112.00	2926.61
	Snake neck	2	Nos.	76.00	152.00	
	Head	2	Nos.	141.00	282.00	
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
Actual Rate						4194.91
Rate per m:-	482.42					629.24
Rate per ft:-	147.08					Grand Total
						4824.15

Item:- 59 Mikha fushi Carnesh over wooden frame in 1:1:2 lime surkhi and sand

for 10 m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	traditional Head Mason	0.07	Head	1570.00	109.90	1268.30
	Tradi. Mason	0.22	Head	1460.00	321.20	
	Labour	0.91	Head	920.00	837.20	
Material	mikha fusi bks (140mm)	75	Nos.	37.00	2775.00	3155.61
	Lime	0.0073	m3	26825.00	195.82	
	Surkhi	0.0073	m3	19000.00	138.70	
	Sand	0.0145	m3	3178.35	46.09	
Actual Rate						4423.91
Rate per m:-	508.75					663.59
Rate per ft:-	155.11					Grand Total
						5087.50

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Rate Analysis

Item:- 60 Lhakayan works (taking two number in one set)

						for 10 set
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi.mason	0.1	Head	1460.00	146.00	376.00
	Labour	0.25	Head	920.00	230.00	
Material	Lhakayan	10.00	set	6131.00	61310.00	61310.00
						Actual Rate
						61686.00
						15% Overhead
						9252.90
						Grand Total
						70938.90

Rate per set.: 7093.89

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Rate Analysis

(च) दुगा सम्बन्धी कार्य

Item:- 61

Stone work in foundation in lime surkhi sand 1:1:2 ratio

Description	Type	Quantity	Unit	Rate	Amount	for 1 m3
						Total Amount
Labour	mason	1.5	Head	1225.00	1837.50	6437.50
	Labour	5	Head	920.00	4600.00	
Material	Stone	1.1	m3	2578.00	2835.80	10089.06
	Lime	0.139	m3	26825.00	3728.68	
	Surkhi	0.139	m3	19000.00	2641.00	
	Sand	0.278	m3	3178.35	883.58	
						Actual Rate
						16526.56
						15% Overhead
						2478.98
						Grand Total
						19005.54
Rate per m3:- 19005.54						
Rate per ft3:- 538.17						

Item:- 62

Stone work in foundation in lime stone dust 1:4 ratio

Description	Type	Quantity	Unit	Rate	Amount	for 1 m3
						Total Amount
Labour	mason	1.5	Head	1225.00	1837.50	6437.50
	Labour	5	Head	920.00	4600.00	
Material	Stone	1.1	m3	2578.00	2835.80	6368.53
	Lime	0.1112	m3	26825.00	2982.94	
	stone dust	0.4448	m3	1236.03	549.79	
						Actual Rate
					12806.03	
					15% Overhead	
					Grand Total	
Rate per m3:- 14726.93					14726.93	
Rate per ft3:- 417.02						

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Rate Analysis

Item:- 63 Stone work with existing stone in foundation in lime surkhi sand 1:1:2 ratio

for 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	mason	1.5	Head	1225.00	1837.50	6437.50
	Labour	5	Head	920.00	4600.00	
Material	Stone	0	m ³	0.00	0.00	7253.26
	Lime	0.139	m ³	26825.00	3728.68	
	Surkhi	0.139	m ³	19000.00	2641.00	
	Sand	0.278	m ³	3178.35	883.58	
					Actual Rate	13690.76
					15% Overhead	2053.61
					Grand Total	15744.37
					Rate per m ³ :-	15744.37
					Rate per ft ³ :-	445.83

Item:- 64 Highly Dressed stone wall with chisel finishing in lime surkhi ,sand (1:1:2) stone width not < 15 cm.

for 1 m³

Description	Type	Quantity	Unit	Rate	Amount	Total Amount		
Labour	Traditional head Mason	1.5	Head	1460.00	2190.00	36611.30		
	trad mason	23.54	Head	1345.00	31661.30			
Material	Labour	3	Head	920.00	2760.00			
	Block stone	1.00	m ³	2578.00	2578.00	9304.64		
	Bond stone	0.30	m ³	2578.00	773.40			
	Lime	0.1125	m ³	26825.00	3017.81			
	Surkhi	0.1125	m ³	19000.00	2137.50			
Equipment cost	Sand		m ³	3178.35	715.13	82.80		
	3% of Labour cost		0.03	2760.00	82.80			
					Actual Rate	45915.94		
					15% Overhead	6887.39		
					Grand Total	52803.33		
					Rate per m ³ :-	52803.33		
					Rate per ft ³ :-	1495.21		

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Rate Analysis

Item:- 65

Highly Dressed stone wall with chisel finishing in lime surkhi ,sand (1:1:2) with old stone width not < 15 cm.

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional head Mason	1.5	Head	1460.00	2190.00	8985.00
	trad mason	3	Head	1345.00	4035.00	
	Labour	3	Head	920.00	2760.00	
Material	Lime	0.1125	m3	26825.00	3017.81	5870.44
	Surkhi	0.1125	m3	19000.00	2137.50	
	Sand	0.225	m3	3178.35	715.13	
						Actual Rate
						14855.44
						15% Overhead
						2228.32
						Grand Total
						17083.76
						Rate per m3:- 17083.76
						Rate per ft3:- 483.75

Item:- 66

Highly Dressed stone wall with chisel finishing in cement sand (1:4) stone width not <15cm

						for 1 m3		
Description	Type	Quantity	Unit	Rate	Amount	Total Amount		
Labour	tradion head Mason	1.5	Head	1460.00	2190.00	36611.30		
	trad mason	23.54	Head	1345.00	31661.30			
	labour	3	Head	920.00	2760.00			
Material	Block stone	1.00	M3	2578.00	2578.00	6229.60		
	Bond stone	0.30	M3	2578.00	773.40			
	Cement	0.135	m.t.	12231.00	1651.19			
	Sand	0.36	m3	3178.35	1144.21			
Equipment cost	3% of Labour cost		0.03	2760.00	82.8			
						Actual Rate		
						42840.90		
						15% Overhead		
						6426.14		
						Grand Total		
						49267.04		
						Rate per m3:- 49267.04		
						Rate per ft3:- 1395.07		

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 Ministry of Culture, Tourism Civil Aviation
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Rate Analysis

Item:- 67 Highly Dressed stone wall with chisel finishing in lime stone dust (1:3) stone width not < 15 cm.

for 1 m3								
Description	Type	Quantity	Unit	Rate	Amount	Total Amount		
Labour	Traditional head Mason	1.5	Head	1460.00	2190.00	36611.30		
	trad mason	23.54	Head	1345.00	31661.30			
	Labour	3	Head	920.00	2760.00			
Material	Block stone	1.00	m3	2578.00	2578.00	6869.17		
	Bond stone	0.30	m3	2578.00	773.40			
	lime	0.1125	m3	26825.00	3017.81			
	stone dust	0.3375	m3	1236.03	417.16			
Equipment cost	3% of Labour cost		0.03	2760.00	82.8			
					Actual Rate	43480.47		
					15% Overhead	6522.07		
					Grand Total	50002.54		

Item:- 68 One side Dressed (Ashlar masonry) stone wall with chisel finishing in lime surkhi ,sand (1:1:2) stone width not < 15 cm

for 1 m3								
Description	Type	Quantity	Unit	Rate	Amount	Total Amount		
Labour	Traditional head Mason	1.5	Head	1460.00	2190.00	20780.65		
	trad. mason	11.77	Head	1345.00	15830.65			
	Labour	3	Head	920.00	2760.00			
Material	Block stone	1.00	M3	2578.00	2578.00	9299.18		
	Bond stone	0.30	M3	2578.00	773.40			
	Lime	0.1125	m3	26825.00	3017.81			
	Surkhi	0.1125	m3	19000.00	2137.50			
	Sand	0.225	m3	3178.35	715.13			
Equipment cost	3 % of Labour cost		0.03	2578.00	77.34			
					Actual Rate	30079.83		
					15% Overhead	4511.97		
					Grand Total	34591.80		

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Rate Analysis

Item:- 69 One side Dressed (Ashlar masonry) stone wall with chisel finishing in cement ,sand (1:4) width not < 15 cm

						for 1 m3		
Description	Type	Quantity	Unit	Rate	Amount	Total Amount		
Labour	Traditional head Mason	1.5	Head	1460.00	2190.00	20780.65		
	trad mason	11.77	Head	1345.00	15830.65			
	Labour	3	Head	920.00	2760.00			
Material	Block stone	1.00	M3	2578.00	2578.00	6229.60		
	Bond stone	0.30	m3	2578.00	773.40			
	Cement	0.135	m.t.	12231.00	1651.19			
	Sand	0.36	m3	3178.35	1144.21			
Equipment cost	3 % of labour cost		0.03	2760.00	82.8			
Rate per m3:- 31061.79				Actual Rate		27010.25		
Rate per ft3:- 879.56				15% Overhead		4051.54		
				Grand Total		31061.79		

Item:- 70 4" Peti Stone (10" X4") work in (1:1:1) lime, surkhi,sand mortar

						for 10 m
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.5	Head	1460.00	730.00	3713.50
	Tradi. Mason	1.5	Head	1345.00	2017.50	
	Labour	1.05	Head	920.00	966.00	
Material	Peti Stone	10.5	r.m.	3608.00	37884.00	39780.43
	Lime	0.0387	m3	26825.00	1038.13	
	Surkhi	0.0387	m3	19000.00	735.30	
	Sand	0.0387	m3	3178.35	123.00	
Rate per r.m:- 5001.80				Actual Rate		43493.93
Rate per r.ft:- 1524.94				15% Overhead		6524.09
				Grand Total		50018.02

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Rate Analysis

Item:- 71 5" Peti Stone work in (1:1:1) lime, surkhi,sand mortar size < 12"x10"x5"

Description	Type	Quantity	Unit	Rate	Amount	for 10 m	Total Amount
Labour	Traditional Head Mason	0.5	Head	1460.00	730.00		3713.50
	Tradi. Mason	1.5	Head	1345.00	2017.50		
	Labour	1.05	Head	920.00	966.00		
Material	Peti Stone	10.5	r.m.	4592.00	48216.00		50568.16
	Lime	0.048	m3	26825.00	1287.60		
	Surkhi	0.048	m3	19000.00	912.00		
	Sand	0.048	m3	3178.35	152.56		
						Actual Rate	54281.66
						15% Overhead	8142.25
						Grand Total	62423.91

Item:- 72 5" Peti Stone work in (1:1:1) lime, surkhi,sand mortar using existing stone

Description	Type	Quantity	Unit	Rate	Amount	for 10 m	Total Amount
Labour	Traditional Head Mason	0.5	Head	1460.00	730.00		3713.50
	Tradi. Mason	1.5	Head	1345.00	2017.50		
	Labour	1.05	Head	920.00	966.00		
Material	Peti Stone	0	r.m.	0.00	0.00		2352.16
	Lime	/ 0.048	m3	26825.00	1287.60		
	Surkhi	0.048	m3	19000.00	912.00		
	Sand	0.048	m3	3178.35	152.56		
						Actual Rate	6065.66
						15% Overhead	909.85
						Grand Total	6975.51

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Rate Analysis

Item:- 73 5" Peti Stone work in cement : sand (1:4) size 10"x5" cement sand mortar

Description	Type	Quantity	Unit	Rate	Amount	for 10 m
						Total Amount
Labour	Traditional mason	0.5	Head	1345.00	672.50	3476.00
	Mason	1.5	Head	1225.00	1837.50	
	Labour	1.05	Head	920.00	966.00	
Material	Peti Stone	10.5	m	4592.00	48216.00	49122.85
	Cement	0.044	m.t.	12231.00	538.16	
	Sand	0.116	m3	3178.35	368.69	
						Actual Rate
						52598.85
						15% Overhead
						7889.83
						Grand Total
						60488.68

Item:- 74 Corner /Nhekan Stone work (23cm.*23cm.*35cm.)

Description	Type	Quantity	Unit	Rate	Amount	for 1 no.
						Total Amount
Labour	Traditional Head mason	0.03	Head	1460.00	43.80	62.20
	Labour					
Material	Corner Stone	1	No.	8500.00	8500.00	8500.00
						Actual Rate
						8562.20
						15% Overhead
						1284.33
						Grand Total
						9846.53

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Rate Analysis

Item:- 75 4" Nagol Stone (10" X4") work in (1:1:1) lime, surkhi,sand mortar

						for 10 m
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.5	Head	1460.00	730.00	3713.50
	Tradi. Mason	1.5	Head	1345.00	2017.50	
	Labour	1.05	Head	920.00	966.00	
Material	Nagol Stone	10.5	m	2952.00	30996.00	32892.43
	Lime	0.0387	m3	26825.00	1038.13	
	Surkhi	0.0387	m3	19000.00	735.30	
	Sand	0.0387	m3	3178.35	123.00	
						Actual Rate
						36605.93
						15% Overhead
						5490.89
						Grand Total
						42096.82

Item:- 76 5" Nagol Stone (10" X5") work in (1:1:1) lime, surkhi,sand mortar

						for 10 m
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Traditional Head Mason	0.5	Head	1460.00	730.00	3713.50
	Tradi. Mason	1.5	Head	1345.00	2017.50	
	Labour	1.05	Head	920.00	966.00	
Material	Nagol Stone	10.5	m	4100.00	43050.00	45402.16
	Lime	0.048	m3	26825.00	1287.60	
	Surkhi	0.048	m3	19000.00	912.00	
	Sand	0.048	m3	3178.35	152.56	
						Actual Rate
						49115.66
						15% Overhead
						7367.35
						Grand Total
						56483.01

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Rate Analysis

Item:- 77 Black saddle Base stone (12"x12"x10" size) for wooden column.

						For 1 no.
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	0.15	Head	1345.00	201.75	298.35
	Labour	0.105	Head	920.00	96.60	
Material	Hard stone*	1.00	Nos	10000.00	10000.00	10000.00
Rate per no.: - 11843.10						Actual Rate 10298.35
						15% Overhead 1544.75
						Grand Total 11843.10

The rate of Hard stone is calculated from saddle stone.

Item:- 78 Stone highly carving works excluding stone

						for 1.0 m ²
Description	Type	Quantity	Unit	Rate.	Amount	Total Amount
Labour	traditional Head Carver	1	Head	1685.00	1685.00	86145.00
	Carver	48	Head	1590.00	76320.00	
	carver mason	4	Head	1345.00	5380.00	
	Labour	3	Head	920.00	2760.00	
	stone	0	cft.	0.00	0.00	0
Rate per m ² : - 99066.75						Actual Rate 86145.00
Rate per ft ² : - 9206.95						15% Overhead 12921.75
						Grand Total 99066.75

Item:- 79 Stone medium carving work excluding stone

						for 1.00 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	traditional Head Carver	1	Head	1685.00	1685.00	28905.00
	Carver	12	Head	1590.00	19080.00	
	carver mason	4	Head	1345.00	5380.00	
	Labour	3	Head	920.00	2760.00	
	stone	0	cft.	0.00	0.00	0
Rate per m ² : - 33240.75						Actual Rate 28905.00
Rate per ft ² : - 3089.29						15% Overhead 4335.75
						Grand Total 33240.75

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Rate Analysis

(छ) प्लास्टर सम्बन्धी कार्य

Item:- 80 12.5 mm thick lime, surkhi and sand plaster in 1:1:2 ratio

for 100 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	12	Head	1460.00	17520.00	32240.00
	Labour	16	Head	920.00	14720.00	
Material	Lime	0.46	m ³	26825.00	12339.50	24003.58
	Surkhi	0.46	m ³	19000.00	8740.00	
	sand	0.92	m ³	3178.35	2924.08	
					Actual Rate	56243.58
					15% Overhead	8436.54
					Grand Total	64680.12
					Rate per m ² :-	646.80
					Rate per ft ² :-	60.11

Item:- 81 20 mm thick lime, surkhi and sand plaster in 1:1:2 ratio

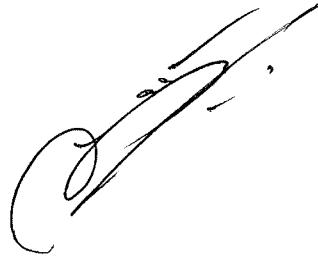
for 100 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	14	Head	1460.00	20440.00	37920.00
	Labour	19	Head	920.00	17480.00	
Material	Lime	0.69	m ³	26825.00	18509.25	37435.63
	Surkhi	0.69	m ³	19000.00	13110.00	
	sand	1.83	m ³	3178.35	5816.38	
					Actual Rate	75355.63
					15% Overhead	11303.34
					Grand Total	86658.97
					Rate per m ² :-	866.59
					Rate per ft ² :-	80.54

Prepared By:-



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Rate Analysis

(ज) टिपकारी सम्बन्धी कार्य

Item:- 82 Flush pointing in (1:1:2) lime, surkhi, sand on Brick wall.

						For 100 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad Mason	10	Head	1460.00	14600.00	23800.00
	Labour	10	Head	920.00	9200.00	
Material	Lime	0.107	m ³	26825.00	2870.28	5586.63
	Surkhi	0.107	m ³	19000.00	2033.00	
	Sand	0.215	m ³	3178.35	683.35	
						Actual Rate
						29386.63
						15% Overhead
						4407.99
						Grand Total
						33794.62

Item:- 83 Flush pointing in (1:1:2) lime, surkhi, sand on dressed stone/Boulder stone wall.

						For 100 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad Mason	10	Head	1460.00	14600.00	23800.00
	Labour	10	Head	920.00	9200.00	
Material	Lime	0.21	m ³	26825.00	5633.25	10961.34
	Surkhi	0.21	m ³	19000.00	3990.00	
	Sand	0.421	m ³	3178.35	1338.09	
						Actual Rate
						34761.34
						15% Overhead
						5214.20
						Grand Total
						39975.54

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Rate Analysis

(झ) रंगरोगन सम्बन्धी कार्य

Item:- 84 Wood Preservative paint with Double boiled linseed oil , Dursban insecticide, with Tarpin (1:1:8)

for 100 m2					
Description	Type	Quantity	Unit	Rate	Amount
Labour	Skilled	4	Head	100.00	400.00
	Labour	4	Head	100.00	400.00
Material	Linseed oil	1.1	lit	100.00	110.00
	Dursban insecticide	1.1	lit	100.00	110.00
	Tarpin	8.8	lit	1.00	8.80
Actual Rate					12210.00
15% Overhead					1832.50
Grand Total					13042.50

Rate per m2:- 122.00
Rate per ft2:- 4.00

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Rate Analysis

(ज) काठ सम्बन्धी कार्य

Item:- 85 Sal Wood shoring work

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad Carpenter	10	Head	1345.00	13450.00	18050.00
	Labour	5	Head	920.00	4600.00	
Material	Salwood*	1	m3	231737.03	28967.13	30287.13
	Nail	10.00	kg	132.00	1320.00	
						Actual Rate
						48337.13
						15% Overhead
						7250.57
						Grand Total
						55587.70

The rate is calculated by assuming that the shoring can be done six times and after that the scrape value will be 25%. (rate of wood per cft x 35.315 x 0.75)/6

Item:- 86 Sal Wood shoring using existing wood

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tra Carpenter	10	Head	1345.00	13450.00	18050.00
	Labour	5	Head	920.00	4600.00	
Material	Salwood	0	m3	0.00	0.00	1320.00
	Nail	10.00	kg	132.00	1320.00	
						Actual Rate
						19370.00
						15% Overhead
						2905.50
						Grand Total
						22275.50

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Rate Analysis

Item:- 87

Sal Timber work for beam,joist,column etc.(up to 8'-0")

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Carpenter	17.65	Head	1225.00	21621.25	23240.45
	Labour	1.76	Head	920.00	1619.20	
Material	Salwood	1.05	m3	215068.35	225821.77	225887.77
	Nail	0.50	kg	132.00	66.00	
						Actual Rate
						249128.22
						15% Overhead
						37369.23
						Grand Total
						286497.45

Item:- 88

Nepali Sal wood work for beam,joist,column etc.(8'-0" to 12'-0")

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Carpenter	17.65	Head	1225.00	21621.25	23240.45
	Labour	1.76	Head	920.00	1619.20	
Material	Salwood	1.05	m3	231737.03	243323.88	243389.88
	Nail	0.50	kg	132.00	66.00	
						Actual Rate
						266630.33
						15% Overhead
						39994.55
						Grand Total
						306624.88

Item:- 89

Sal Timber work for beam,joist,column etc.(12'-0" above)

						for 1 m3
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Carpenter	17.65	Head	1225.00	21621.25	23240.45
	Labour	1.76	Head	920.00	1619.20	
Material	Salwood	1.05	m3	244732.95	256969.60	257035.60
	Nail	0.50	kg	132.00	66.00	
						Actual Rate
						280276.05
						15% Overhead
						42041.41
						Grand Total
						322317.46

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Rate Analysis

Item:- 90 Sal Timber work for chaukhhat frame (up to 8'-0")

for 1 m3						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Carpenter	34	Head	1225.00	41650.00	44778.00
	Labour	3.4	Head	920.00	3128.00	
Material	Salwood	1.1	m3	215068.35	236575.19	262808.07
	hold fast	92	nos	21.14	1944.88	
	Nail	184.00	nos	132.00	24288.00	
Actual Rate						307586.07
15% Overhead						46137.91
Grand Total						353723.98
Rate per m3:- 353724						
Rate per ft3:- 10016.25						

Item:- 91 1" thick Nepali Sal wood planking works with three side plainning not < 4" width

for 100m2						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Carpenter	7.19	Head	1225.00	8807.75	9470.15
	Labour	0.72	Head	920.00	662.40	
Material	Salwood	2.75	m3	207652.20	571043.55	571320.75
	Nail	2.10	kg	132.00	277.20	
	Actual Rate					
Rate per m2:- 6679.10						580790.90
Rate per ft2:- 620.73						87118.64
Grand Total						667909.54

Item:- 92 1.5" thick Eaves Board of Sal wood with three side plainning

for 10 m2						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Carpenter	1.43	Head	1225.00	1751.75	1883.31
	Labour	0.143	Head	920.00	131.56	
Material	Salwood	0.4125	m3	231737.03	95591.52	95650.92
	Nail	0.45	kg	132.00	59.40	
	Actual Rate					
Rate per m2:- 11216.44						97534.23
Rate per ft2:- 1042.42						14630.13
Grand Total						112164.36

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Rate Analysis

Item:- 93 2"(5cm) sal wood plain shutter with Gand and khur.

						For 15 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carpenter	0.5	Head	1460.00	730.00	6090.00
	Carpenter	4	Head	1225.00	4900.00	
	Labour	0.5	Head	920.00	460.00	
Material	Sal wood	27.81	cft.	6562.00	182489.22	182489.22
						Actual Rate
						188579.22
						15% Overhead
						28286.88
						Grand Total
						216866.10

Item:- 94 Window carving (except lattice jali) including wood

						for 1.772 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	4	Head	1685.00	6740.00	78320.00
	Carver	35	Head	1590.00	55650.00	
	Carpenter	10	Head	1225.00	12250.00	
	Labour	4	Head	920.00	3680.00	
Material	Sal wood	6.883	cft.	6090.00	41917.47	41917.47
						Actual Rate
						120237.47
						15% Overhead
						18035.62
						Grand Total
						138273.09

Item:- 95 Window carving (except lattice jali) excluding wood

						for 1.772 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	4	Head	1685.00	6740.00	78320.00
	Carver	35	Head	1590.00	55650.00	
	Carpenter	10	Head	1225.00	12250.00	
	Labour	4	Head	920.00	3680.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
						Actual Rate
						78320.00
						15% Overhead
						11748.00
						Grand Total
						90068.00

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Rate Analysis

Item:- 96 Carved salwood Lattice (jali) of Carved Window highly carving including wood

						for 0.92 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	6	Head	1685.00	10110.00	45775.00
	Carver	18	Head	1590.00	28620.00	
	Carpenter	5	Head	1225.00	6125.00	
	Labour	1	Head	920.00	920.00	
Material	Sal wood	1.6238	cft.	6090.00	9888.94	9888.94
						Actual Rate
						55663.94
						15% Overhead
						8349.59
						Grand Total
						64013.53

Item:- 97 Carved salwood Lattice (jali) of Carved Window highly carving excluding wood

						for 0.92 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	6	Head	1685.00	10110.00	45775.00
	Carver	18	Head	1590.00	28620.00	
	Carpenter	5	Head	1225.00	6125.00	
	Labour	1	Head	920.00	920.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
						Actual Rate
						45775.00
						15% Overhead
						6866.25
						Grand Total
						52641.25

Item:- 98 Wooden Column highly carving works excluding wood

						for 1.06 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	2	Head	1685.00	3370.00	50780.00
	Carver	25	Head	1590.00	39750.00	
	Carpenter	4	Head	1225.00	4900.00	
	Labour	3	Head	920.00	2760.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
						Actual Rate
						50780.00
						15% Overhead
						7617.00
						Grand Total
						58397.00

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Rate Analysis

Item:- 99 Wooden Column medium carving work excluding wood

for 1.75 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	3	Head	1685.00	5055.00	60415.00
	Carver	30	Head	1590.00	47700.00	
	Carpenter	4	Head	1225.00	4900.00	
	Labour	3	Head	920.00	2760.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
Rate per m ² :- 39701.29					Actual Rate	60415.00
Rate per ft ² :- 3689.71					15% Overhead	9062.25
					Grand Total	69477.25

Item:- 100 Salwood Carved Mirap works including wood(between careved Post)

for 0.2812 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	0.5	Head	1685.00	842.50	12527.50
	Carver	6	Head	1590.00	9540.00	
	Carpenter	1	Head	1225.00	1225.00	
	Labour	1	Head	920.00	920.00	
Material	Sal wood	0.7413	cft.	6090.00	4514.52	4514.52
Rate per m ² :- 69695.31					Actual Rate	17042.02
Rate per ft ² :- 6477.26					15% Overhead	2556.30
					Grand Total	19598.32

Item:- 101 Beam carving works above Column excluding wood

for 0.6 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	2	Head	1685.00	3370.00	22890.00
	Carver	9	Head	1590.00	14310.00	
	Carpenter	2	Head	1225.00	2450.00	
	Labour	3	Head	920.00	2760.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
Rate per m ² :- 43872.50					Actual Rate	22890.00
Rate per ft ² :- 4077.37					15% Overhead	3433.50
					Grand Total	26323.50

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Rate Analysis

Item:- 102 Carnesh carving works excluding wood

for 0.7744 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	3	Head	1685.00	5055.00	29840.00
	Carver	10	Head	1590.00	15900.00	
	Carpenter	5	Head	1225.00	6125.00	
	Labour	3	Head	920.00	2760.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
Actual Rate						29840.00
15% Overhead						4476.00
Grand Total						34316.00
Rate per m ² :- 44313.02						
Rate per ft ² :- 4118.31						

Item:- 103 Carved Tudal(6'x4"x6") works including wood

for 1 no

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	1	Head	1685.00	1685.00	41070.00
	Carver	24	Head	1590.00	38160.00	
	Carpenter	1	Head	1225.00	1225.00	
	Material	Sal wood	1.52	cft.	6090.00	
Actual Rate						50326.80
15% Overhead						7549.02
Grand Total						57875.82
Rate per no. :- 57875.82						

Item:- 104 Carved Kunsal(6'6"x5"x8") works including wood

for 1 no.

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	1	Head	1685.00	1685.00	28350.00
	Carver	16	Head	1590.00	25440.00	
	Carpenter	1	Head	1225.00	1225.00	
	Material	Sal wood	2.1	cft.	6090.00	
Actual Rate						41139.00
15% Overhead						6170.85
Grand Total						47309.85
Rate per no. :- 47309.85						

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Rate Analysis

Item:- 105 Carved Three Bay Window(except jali) works including wood

for 10.707 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	25	Head	1685.00	42125.00	452575.00
	Carver	225	Head	1590.00	357750.00	
	Carpenter	28	Head	1225.00	34300.00	
	Labour	20	Head	920.00	18400.00	
Material	Sal wood	49.94	cft.	6090.00	304134.60	304134.60
						Actual Rate
						756709.60
						15% Overhead
						113506.44
						Grand Total
						870216.04

Item:- 106 Carved Three Bay Window(except jali) works excluding wood

for 10.707 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	25	Head	1685.00	42125.00	452575.00
	Carver	225	Head	1590.00	357750.00	
	Carpenter	28	Head	1225.00	34300.00	
	Labour	20	Head	920.00	18400.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
						Actual Rate
						452575.00
						15% Overhead
						67886.25
						Grand Total
						520461.25

Item:- 107 Carved Door (except khapa) works excluding wood

for 2.3522 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	6	Head	1685.00	10110.00	95260.00
	Carver	47	Head	1590.00	74730.00	
	Carpenter	4	Head	1225.00	4900.00	
	Labour	6	Head	920.00	5520.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
						Actual Rate
						95260.00
						15% Overhead
						14289.00
						Grand Total
						109549.00

Prepared By:-

Ramamall

Checked By:-

[Signature]

20/10/14
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Rate Analysis

Item:- 108 Carved Nas 3" thick works excluding wood

Description	Type	Quantity	Unit	Rate	Amount	for 1 m	Total Amount
						Actual Rate	
Labour	Carver	2	Head	1590.00	3180.00	3180.00	3180.00
Material	Sal wood	0	cft.	0.00	0.00	0.00	0.00
Rate per m:-	3657.00					3180.00	
Rate per ft:-	1114.94					477.00	
						3657.00	

Item:- 109 Window carving (except lattice jali) including wood

Description	Type	Quantity	Unit	Rate	Amount	for 1.772 m2	Total Amount
						Actual Rate	
Labour	Head Carver	4	Head	1685.00	6740.00		
	Carver	35	Head	1590.00	55650.00		
	Carpenter	10	Head	1225.00	12250.00		78320.00
	Labour	4	Head	920.00	3680.00		
Material	Sal wood	6.883	cft.	6090.00	41917.47	41917.47	
Rate per m2:-	78032.22					120237.47	
Rate per ft2:-	7252.07					18035.62	
						138273.09	

Item:- 110 Carved salwood Lattice (jali) shutter of Carved door including wood

Description	Type	Quantity	Unit	Rate	Amount	for 0.92 m2	Total Amount
						Actual Rate	
Labour	Head Carver	3	Head	1685.00	5055.00		
	Carver	6	Head	1590.00	9540.00		
	Carpenter	5	Head	1225.00	6125.00		21640.00
	Labour	1	Head	920.00	920.00		
Material	Sal wood	1.299	cft.	6090.00	7910.91	7910.91	
Rate per m2:-	36938.64					29550.91	
Rate per ft2:-	3432.96					4432.64	
						33983.55	

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Rate Analysis

Item:- 111 Carved Tudal works excluding wood

for 3.00 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	1	Head	1685.00	1685.00	41070.00
	Carver	24	Head	1590.00	38160.00	
	Carpenter	1	Head	1225.00	1225.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
					Actual Rate	41070.00
					15% Overhead	6160.50
					Grand Total	47230.50
Rate per m ² :- 15743.50						
Rate per ft ² :- 1463.15						

Item:- 112 Carved Kunsal works excluding wood

for 4.33 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Carver	1	Head	1685.00	1685.00	28350.00
	Carver	16	Head	1590.00	25440.00	
	Carpenter	1	Head	1225.00	1225.00	
Material	Sal wood	0	cft.	0.00	0.00	0.00
					Actual Rate	28350.00
					15% Overhead	4252.50
					Grand Total	32602.50
Rate per m ² :- 7529.45						
Rate per ft ² :- 699.76						

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Rate Analysis

(ट) छाना सम्बन्धी कार्य

Item:- 113 New Jhingati (8-3/4"*4") laying on roof with 3" clay

for 100 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Awale Head Mason	12	Head	1870.00	22440.00	105680.00
	Awale	12	Head	1570.00	18840.00	
	Labour	70	Head	920.00	64400.00	
Material	new Jhingati	18077	Nos.	17.25	311828.25	315405.75
	Clay	11.25	m ³	318.00	3577.50	
						Actual Rate
						421085.75
						15% Overhead
						63162.86
						Grand Total
						484248.61

Item:- 114 Old Jhingati (8-3/4"*4") laying on roof with 3" clay

for 100 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Awale Head Mason	12	Head	1870.00	22440.00	105680.00
	Awale	12	Head	1570.00	18840.00	
	Labour	70	Head	920.00	64400.00	
Material	old Jhingati	18077	Nos.	10.00	180770.00	184347.50
	Clay	11.25	m ³	318.00	3577.50	
						Actual Rate
						290027.50
						15% Overhead
						43504.13
						Grand Total
						333531.63

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Rate Analysis

Item:- 115 Old Jhingati (8-3/4"*4") laying (using existing jhingati)on roof with 3" clay

						for 100 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Awale Head					
	Mason	12	Head	1870.00	22440.00	105680.00
	Awale	12	Head	1570.00	18840.00	
Labour		70	Head	920.00	64400.00	
Material	Jhingati		Nos.		0.00	3577.50
	Clay	11.25	m ³	318.00	3577.50	
						Actual Rate
						109257.50
						15% Overhead
						16388.63
						Grand Total
						125646.13

Item:- 116 Middle class Gongacha (Corner bird) fixing works

						for 1 no.					
Description	Type	Quantity	Unit	Rate	Amount	Total Amount					
Material	Gongacha	1	Nos.	256.00	256.00	256.00					
Rate per no.: -	294.40					Actual Rate					
						256.00					
						15% Overhead					
						38.40					
						Grand Total					
						294.40					

Item:- 117 Jhingati Nailing works

						for 10 m					
Description	Type	Quantity	Unit	Rate	Amount	Total Amount					
Labour	Labour	1.00	Head	920.00	920.00	920.00					
Material	Nail	0.1	kg.	132.00	13.20	13.20					
Rate per r.m.: -	107.32					Actual Rate					
						933.20					
						15% Overhead					
						139.98					
						Grand Total					
						1073.18					

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Rate Analysis

Item:- 118 Dhuri Chang small (horizontal and vertical)works size 203x152x25 mm

for 100m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Awale Head	3.5	Head	1870.00	6545.00	20725.00
	Awale	2	Head	1570.00	3140.00	
	Labour	12	Head	920.00	11040.00	
Material	Vertical Dhuri	4200	Nos.	33.00	138600.00	184206.00
	Horizontal Dhuri	1382	Nos.	33.00	45606.00	
					Actual Rate	204931.00
					15% Overhead	30739.65
					Grand Total	235670.65
					Rate per r.m:-	2356.71
					Rate per r.ft:-	718.51

Item:- 119 Dhuri Chang (horizontal and vertical) small sized using existing

for 100 m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Awale Head	3.5	Head	1870.00	6545.00	20725.00
	Awale	2	Head	1570.00	3140.00	
	Labour	12	Head	920.00	11040.00	
Material	Vertical Dhuri	0	Nos.	33.00	0.00	0.00
	Horizontal Dhuri	0	Nos.	33.00	0.00	
					Actual Rate	20725.00
					15% Overhead	3108.75
					Grand Total	23833.75
					Rate per r.m:-	238.34
					Rate per r.ft:-	72.66

Item:- 120 Dhuri Chang (horizontal and vertical) large sized 254x203x25mm works

for 100 m

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Awale Head	3.5	Head	1870.00	6545.00	20725.00
	Awale	2	Head	1570.00	3140.00	
	Labour	12	Head	920.00	11040.00	
Material	Vertical Dhuri	4200	Nos.	101.00	424200.00	528634.00
	Horizontal Dhuri	1034	Nos.	101.00	104434.00	
					Actual Rate	549359.00
					15% Overhead	82403.85
					Grand Total	631762.85
					Rate per r.m:-	6317.63
					Rate per r.ft:-	1926.11

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Rate Analysis

Item:- 121 Two layers of plastic felt laying on roofing with bitumen.

						For 10 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	2.3	Head	1225.00	2817.50	7049.50
	Labour	4.6	Head	920.00	4232.00	
Material	plastic felt	22	M2	127.05	2795.10	2795.10
	Bitumen	15	kg.	105.00		
	fire wood	60	kg.	19.00		
						Actual Rate
						9844.60
						15% Overhead
						1476.69
						Grand Total
						11321.29
						Rate per m2:- 1132.13
						Rate per ft2:- 105.22

Item:- 122 Single layers of plastic felt laying on roofing with bitumen

						for 10 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Mason	1.1	Head	1225.00	1347.50	4567.50
	Labour	3.5	Head	920.00	3220.00	
Material	plastic felt	11	M2	127.05	1397.55	1397.55
	Bitumen	15	kg.	105.00		
	fire wood	60	kg.	19.00		
						Actual Rate
						5965.05
						15% Overhead
						894.76
						Grand Total
						6859.81
						Rate per m2:- 685.98
						Rate per ft2:- 63.75

Item:- 123 0.50 mm 24 gauge(medium) colour plain sheet roofing works

						for 6 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad mason	2	Head	1345.00	2690.00	5450.00
	Labour	3	Head	920.00	2760.00	
Material	colour plain sheet 24 gauge					4787.09
		7.2	m2	619.04	4457.09	
	screw	66	nos	5.00	330.00	
						Actual Rate
						10237.09
						15% Overhead
						1535.56
						Grand Total
						11772.65
						Rate per m2:- 1962.11
						Rate per ft2:- 182.35

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Rate Analysis

Item:- 124 0.50 mm 24 gauge(medium) colour plain sheet ridge roofing works

for 10 m						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Trad mason	2	Head	1345.00	2690.00	5450.00
	Labour	3	Head	920.00	2760.00	
Material	colour plain	12	m	377.41	4528.92	4858.92
	screw	66	nos	5.00	330.00	
2'-0" width of sheet				Actual Rate		10308.92
Rate per r.m:- 1185.53				15% Overhead		1546.34
Rate per r.ft:- 361.44				Grand Total		11855.26

Item:- 125 20 gauge Brass plate making and fixing on roof.

For 10 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worke	1	Head	1460.00	1460.00	10538.85
	Metal worker	3.33	Head	1345.00	4478.85	
	Labour	5	Head	920.00	4600.00	
Material	20 gauge Brass sheet	89.25	kg.	1332.00	118881.00	119145.00
	nail etc	2	kg.	132.00	264.00	
	Rate per m ² :- 14913.64				Actual Rate	
Rate per ft ² :- 1386.03				15% Overhead		19452.58
				Grand Total		149136.43

Item:- 126 22 gauge Copper plate making and fixing on roof

for 10 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worke	1	Head	1460.00	1460.00	10538.85
	Metal worker	3.33	Head	1345.00	4478.85	
	Labour	5	Head	920.00	4600.00	
Material	22 gauge Copper sheet	73.08	kg.	1512.00	110496.96	110760.96
	nail etc	2	kg	132.00	264.00	
	Rate per m ² :- 13949.48				Actual Rate	
Rate per ft ² :- 1296.42				15% Overhead		18194.97
				Grand Total		139494.78

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Rate Analysis

Item:- 127 26 gauge Copper plate making and fixing on roof.(Indian)

for 10 m2						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worke	1	Head	1460.00	1460.00	10538.85
	Metal worker	3.33	Head	1345.00	4478.85	
	Labour	5	Head	920.00	4600.00	
Material	26 gauge Copper sheet	45.675	kg.	1512.00	69060.60	69324.60
	nail etc	2	kg.	132.00	264.00	
Rate per m2:- 9184.30 Rate per ft2:- 853.56				Actual Rate	79863.45	
				15% Overhead	11979.52	
				Grand Total	91842.97	

Item:- 128 22 gauge Brass plate making and fixing on roof.

For 10 m2						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worke	1	Head	1460.00	1460.00	10538.85
	Metal worker	3.33	Head	1345.00	4478.85	
	Labour	5	Head	920.00	4600.00	
Material	22 gauge brass sheet	71.4	kg.	1332.00	95104.80	95368.80
	Nail,etc	2	kg.	132.00	264.00	
Rate per m2:- 12179.38 Rate per ft2:- 1131.91				Actual Rate	105907.65	
				15% Overhead	15886.15	
				Grand Total	121793.80	

Item:- 129 26 gauge Brass plate making and fixing on roof.

For 10 m2

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worke	1	Head	1460.00	1460.00	10538.85
	Metal worker	3.33	Head	1345.00	4478.85	
	Labour	5	Head	920.00	4600.00	
Material	26 gauge Brass sheet	44.625	kg.	1332.00	59440.50	59704.50
	nail etc	2	kg.	132.00	264.00	
Rate per m2:- 8077.99 Rate per ft2:- 750.74				Actual Rate	70243.35	
				15% Overhead	10536.50	
				Grand Total	80779.85	

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Rate Analysis

Item:- 130 20/22 /26 gauge copper sheet gajur making and fixing on roof.

Description	Type	Quantity	Unit	Rate	Amount	For 5 kg	Total Amount
Labour	Metal worker	5	Head	1345.00	6725.00	Actual Rate	11325.00
	Labour	5	Head	920.00	4600.00		
Material	copper sheet	5.5	kg.	1512.00	8316.00	8316.00	
Rate per kg:-		4517.43				19641.00	
						15% Overhead	2946.15
						Grand Total	22587.15

Item:- 131 20/22 /26 gauge brass sheet gajur making and fixing on roof.

Description	Type	Quantity	Unit	Rate	Amount	For 5 kg	Total Amount
Labour	Metal worker	5	Head	1345.00	6725.00	Actual Rate	11325.00
	Labour	5	Head	920.00	4600.00		
Material	brass sheet	5.5	kg.	1332.00	7326.00	7326.00	
Rate per kg:-		4289.73				18651.00	
						15% Overhead	2797.65
						Grand Total	21448.65

Remarks

Gajur size height	weight approx . kg	Gauge	
12"	1.2	16	
18"	2	18	
24"	3.5	20	
30"	5	22	
36"	7.2	24	
42"	10	26	
48"	14	metal	densitykg/mm ³
54"	19.5	brass	8.5E-06
60"	27	copper	8.7E-06

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Rate Analysis

Item:- 132 20/22 /26 gauge 6"/8" copper/brass sheet Eaves/ jhallar butta making (labour cost only).

For 10 ft						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Metal worker	3	Head	1345.00	4035.00	6795.00
	Labour	3	Head	920.00	2760.00	
Material	brass sheet	0	kg.	0.00	0.00	0.00
					Actual Rate	6795.00
					15% Overhead	1019.25
					Grand Total	7814.25

Item:- 133 20/22 /26 gauge 15" brass sheet Kunpa making and fixing on roof (avg wt 2 kg).

For 1 no.						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Metal worker	1.5	Head	1345.00	2017.50	3397.50
	Labour	1.5	Head	920.00	1380.00	
Material	brass sheet	2	kg.	1332.00	2664.00	2664.00
					Actual Rate	6061.50
					15% Overhead	909.23
					Grand Total	6970.73

Item:- 134 20/22 /26 gauge 12" brass sheet Kunpa making and fixing on roof (avg wt 1.8 kg).

For 1 no.

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Metal worker	0.75	Head	1345.00	1008.75	1698.75
	Labour	0.75	Head	920.00	690.00	
Material	brass sheet	1.8	kg.	1332.00	2397.60	2397.60
					Actual Rate	4096.35
					15% Overhead	614.45
					Grand Total	4710.80

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Rate Analysis

Item:- 135 20/22 /26 gauge 15" copper sheet Kunpa making and fixing on roof (avg wt 2 kg)

						for 1 no.
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Metal worker	1.25	Head	1345.00	1681.25	2831.25
	Labour	1.25	Head	920.00	1150.00	
Material	copper sheet	2	kg.	1512.00	3024.00	3024.00
						Actual Rate
						5855.25
Rate per no.: - 6733.54						15% Overhead
						878.29
						Grand Total
						6733.54

Item:- 136 20/22 /26 gauge 12" copper sheet Kunpa making and fixing on roof (avg wt 1.8 kg).

Description	Type	Quantity	Unit	Rate.	Amount	Total Amount
Labour	Metal worker	0.75	Head	1345.00	1008.75	1698.75
	Labour	0.75	Head	920.00	690.00	
Material	copper sheet	1.7	kg.	1512.00	2570.40	2570.40
						Actual Rate
Rate per no.: - 4909.52						4269.15
						15% Overhead
						640.37
						Grand Total
						4909.52

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Rate Analysis

(ठ) खट बाँधने सम्बन्धी कार्य

Item:- 137 Single bamboo Scaffolding works

						for 100 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	head mason	1.076	Head	1460.00	1570.96	5250.96
	Labour	4	Head	920.00	3680.00	
Material	Bamboo	32	Nos.	240.00	3840.00	6900.00
	coconut rope	200	muthas	15.30	3060.00	
						12150.96
						Actual Rate
						15% Overhead
						1822.64
						Grand Total
						13973.60

Note: The bamboos are to be used twice (0.5x
 rate of bamboo= ----.)
 Rate per m²:- 139.736
 Rate per ft²:- 12.99

Item:- 138 Single Scaffolding using existing Bamboo

						for 100 m ²
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	head Mason	1.076	Head	1460.00	1570.96	5250.96
	Labour	4	Head	920.00	3680.00	
Material	Bamboo	0	Nos.	0.00	0.00	3060.00
	coconut rope	200	Nos.	15.30	3060.00	
						Actual Rate
						8310.96
						15% Overhead
						1246.64
						Grand Total
						9557.60

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Rate Analysis

Item:- 139 Double bamboo Scaffolding works

						for 100 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Mason	1.076	Head	1460.00	1570.96	9559.06
	Mason	1.076	Head	1225.00	1318.10	
	Labour	7.25	Head	920.00	6670.00	
Material	Bamboo	58	Nos.	240.00	6960.00	13080.00
	coconut rope	400	mutha	15.30	6120.00	
						Actual Rate
						22639.06
						Rate per m2:- 260.35
						Rate per ft2:- 24.20
						15% Overhead
						Grand Total
						26034.92

Note: The bamboos are to be used twice (0.5x rate of bamboo=..)

Item:- 140 Single MS black pipe Scaffolding works

						for 100 m2
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Mason	1.076	Head	1460.00	1570.96	5250.96
	Labour	4	Head	920.00	3680.00	
Material	1.5" dia Medium pipe 2.28 kg/m=13.68k g					7085.28
		32	Nos.	1272.24	6785.28	
	clamp	100	Nos.	3.00	300.00	
						Actual Rate
						12336.24
						Rate per m2:- 141.87
						Rate per ft2:- 13.18
						15% Overhead
						Grand Total
						14186.68

Note: The pipes are to be used sixth (1/6xtotal cost of pipe)

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Rate Analysis

Item:- 141 Double MS black pipe Scaffolding works

for 100 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Head Mason	1.076	Head	1460.00	1570.96	9559.06
	Mason	1.076	Head	1225.00	1318.10	
	Labour	7.25	Head	920.00	6670.00	
Material	Medium pipe	58	Nos.	1272.24	12298.32	39298.32
	clamp	200	Nos.	135.00	27000.00	
Actual Rate						48857.38
Rate per m ² :- 561.86						7328.61
Rate per ft ² :- 52.22						Grand Total
						56185.99

Note: The pipes are to be used sixth (1/6xtotal cost of pipe)

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Rate Analysis

(ड) धातु सम्बन्धी कार्य

Item:- 142 Iron belt for Eaves Board

for 10 no.

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	per	0.3	Head	1345.00	403.50	403.50
Material	Iron belt	10	No.	125.00	1250.00	1276.40
	Nails	0.2	kg	132.00	26.40	
Rate per no.: -		193.19		Actual Rate	1679.90	
				15% Overhead	251.99	
				Grand Total	1931.89	

Item:- 143 Wind Bell 4" with complete set

for 1 no.

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Material	Wind bell	1	No.	875.00	875.00	875.00
Rate per no.: -		1006.25		Actual Rate	875.00	
				15% Overhead	131.25	
				Grand Total	1006.25	

Item:- 144 Making and fixing of Bhairab of 20 gauge Brass plate medium size 4" (avg 255gm weight)

for 1 no.

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worker	0.25	Head	1460.00	365.00	931.25
	Metal worker	0.25	Head	1345.00	336.25	
	Labour	0.25	Head	920.00	230.00	
Material	20 gauge Brass sheet	0.319	kg.	1332.00	424.91	424.91
Rate per no.: -		1559.58		Actual Rate	1356.16	
				15% Overhead	203.42	
				Grand Total	1559.58	

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Rate Analysis

Item:- 145 20 gauge Copper plate making and fixing on roof.

For 10 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worker	1	Head	1460.00	1460.00	10538.85
	Metal worker	3.33	Head	1345.00	4478.85	
	Labour	5	Head	920.00	4600.00	
Material	Copper sheet	91.35	kg.	1512.00	138121.20	138385.20
	Nail, etc	2	kg.	132.00	264.00	
				Actual Rate	148924.05	
Rate per m ² :- 17126.27				15% Overhead	22338.61	
Rate per ft ² :- 1591.66				Grand Total	171262.66	

Item:- 146 Making and fixing of Bhairab of 20 gauge Copper plate medium size 4" (avg 300gm weight)

for 1 no

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	H. Metal worker	0.25	Head	1460.00	365.00	931.25
	Metal worker	0.25	Head	1345.00	336.25	
	Labour	0.25	Head	920.00	230.00	
Material	20 gauge Copper sheet	0.375	kg.	1512.00	567.00	567.00
				Actual Rate	1498.25	
				15% Overhead	224.74	
Rate per no.: - 1722.99				Grand Total	1722.99	

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Rate Analysis

Item:- 147 Gold gilding work (new coat) 1/4 tola per sq.ft

for 10 m²

Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Gold gilder	215	Head	1685.00	362275.00	376435.84
	Mercury	3.76	tola	3766.18	14160.84	
Material	Gold @ 1/4 tola per sft.	26.9	tola	153100.00	4118390.00	4119390.00
	safety measure	l/s		1000.00	1000.00	
					Actual Rate	4495825.84
					15% Overhead	674373.88
					Grand Total	5170199.72
Rate per m ² :- 517020						
Rate per ft ² :- 48050.18						

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Rate Analysis

(द) कार्निस सम्बन्धी कार्य

Item:- 148 Cornice works in lime, surkhi and sand mortar 1: 1:1 ratio

for 1 m ²						
Description	Type	Quantity	Unit	Rate	Amount	Total Amount
Labour	Tradi. Mason	0.5	Head	1345.00	672.50	976.10
	Labour	0.33	Head	920.00	303.60	
Material	Lime	0.049	m ³	26825.00	1314.43	2401.17
	Surkhi	0.049	m ³	19000.00	931.00	
	sand	0.049	m ³	3178.35	155.74	
Actual Rate					3377.27	
Rate per m ² :-					3883.86	15% Overhead
Rate per ft ² :-					360.95	Grand Total
						3883.86

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