

Government of Nepal  
**Shankharapur Municipality Office**  
Bagmati Province  
Sankhu, Kathmandu  
**Detail Estimated Sheet**

Project:- लाकिला गणेश मन्दिर निर्माण

F.Y.: 2080/81

Location:- Shankharapur Municipality 9

Date: 2080/10/14

S.N.	Description of work	No.	Length	Breadth	Height	Quantity	Unit	Rate	Amount	Remarks
<b>A</b>	<b>For Protection work</b>									
<b>1</b>	नरम प्रकारको क्ले र सिल्टी माटोमा सवै किसिमको खन्ने पुर्ने काम									
	-For foundation	1.0	2.59	2.59	1.50	10.07				
	Sub-total					<b>10.07</b>	<b>cum</b>	<b>648.90</b>	<b>6532.73</b>	
<b>2</b>	सुख्खा ईटा च्याप्टो छाप्ने काम									
	-For foundation	1.0	2.59	2.59		6.71				
	-For flooring	1.0	1.98	1.98		3.92				
	Sub-total					<b>10.64</b>	<b>sqm</b>	<b>985.38</b>	<b>10480.86</b>	
	-VAT 13% for materials								<b>1155.10</b>	
<b>3</b>	जग भित्ता पर्खालमा सिमेन्ट कंक्रीट गर्ने काम( पि.सी.सी. १:३:६)									
	-For foundation	1.0	2.59	2.59	0.08	0.50				
	Sub-total					<b>0.50</b>	<b>cum</b>	<b>12300.32</b>	<b>6191.60</b>	
	-VAT 13% for materials								<b>490.81</b>	
<b>4</b>	मेशिनको प्रयोग गरी सुपर स्ट्रक्चरमा सिमेन्ट कंक्रीट गर्ने काम (१:१.५:३)									
	-For footing									
	-Rectangular portion	1.0	2.44	2.44	0.45	2.68				
	-Neck column	4.0	0.23	0.23	4.50	0.95				
	-Upper plinth beam	4.0	1.98	0.23	0.23	0.42				
	-Mid tie beam	4.0	1.98	0.23	0.23	0.42				
	-Lower beam tie beam	4.0	1.98	0.23	0.23	0.42				
	-For flooring	1.0	1.98	1.98	0.08	0.29				
		1.0	33.33	0.12	0.10	0.38				
	-Column	4.0	0.23	0.23	2.72	0.58				
	-Beam	4.0	1.98	0.23	0.23	0.42				
	-Secondary beam	2.0	1.98	0.23	0.23	0.21				
		2.0	1.52	0.23	0.23	0.16				
	-1st floor slab	1.0	3.76	3.76	0.13	1.77				
	-Deduction for opening	-1.0	0.61	0.61	0.13	-0.05				
	-1st floor Inclined Surface	4.0	1.40	2.43	0.10	1.36				
	-1st floor column	4.0	0.23	0.23	1.37	0.29				
	Deduction for column portion	-4.0	0.23	0.23	0.23	-0.05				
	-2nd floor beam	4.0	0.60	0.23	0.23	0.13				
	-2nd floor slab	1.0	2.41	2.41	0.08	0.44				
	-Deduction for opening	-1.0	0.23	0.23	0.08	0.00				
	-2nd floor inclined roof slab	4.0	1.07	1.20	0.08	0.38				
	Sub-total					<b>11.19</b>	<b>cum</b>	<b>14200.82</b>	<b>158952.46</b>	
	-VAT 13% for materials								<b>14914.95</b>	
<b>5</b>	फलामको पाइप र प्लाइवुडबाट फर्मा बनाउने काम									
	-For footing									
	-Rectangular portion	1.0	9.76		0.45	4.39				
	-Neck column	4.0	0.92		3.81	14.02				
	-Lower, mid & upper plinth tie beam	12.0	1.98		0.46	10.94				
	-Column	4.0	0.92		2.72	10.00				
	-Beam	4.0	1.98		0.46	3.65				

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S.N.	Description of work	No.	Length	Breadth	Height	Quantity	Unit	Rate	Amount	Remarks
	-Secondary beam	2.0	1.98		0.46	1.82				
		2.0	1.52		0.46	1.40				
	-1st floor slab	1.0	3.76	3.76		14.13				
	-Deduction for column part	-4.0	0.23	0.23		-0.21				
	-Deduction for opening	-1.0	0.61	0.61		-0.37				
	-1st floor Inclined Surface	4.0	1.35	2.43		13.07				
	-1st floor column	4.0	0.92		1.37	5.05				
	-2nd floor beam	4.0	0.60		0.46	1.10				
	-deduction for column beam intersection	-4.0	0.92		0.23	-0.85				
	-2nd floor slab	1.0	2.41	2.41		5.82				
	-Deduction for opening	-1.0	0.23	0.23		-0.05				
	-2nd floor inclined roof slab	4.0	1.07	1.20		5.12				
	Sub-total					89.04	sqm	905.97	80665.68	
	-VAT 13% for materials								5420.29	
6	आर.सी.सी. लागि फलामे डण्डी काट्ने, मोड्ने ३० मीटर सम्म	No.	Length (m)	Unit weight (m)	Total weight (kg)	Total weight (M.T.)				
	-For footing	32.0	2.44	0.89	69.42	0.07				
	-Lower, mid & upper plinth tie beam	48.0	2.65	0.89	112.87	0.11				
	-Stirrups	180.0	0.81	0.40	57.91	0.06				
	-For flooring	28.0	2.59	0.40	28.66	0.03				
	-Column	32.0	8.58	0.89	244.19	0.24				
	-Stirrups	188.0	1.02	0.40	75.61	0.08				
		188.0	0.81	0.40	60.49	0.06				
	-Beam	20.0	2.65	0.89	47.03	0.05				
	-Extra bars	8.0	0.74	0.89	5.25	0.01				
	-Stirrups	180.0	0.92	0.40	65.19	0.07				
	-Secondary beam	20.0	2.65	0.89	47.03	0.05				
	-Stirrups	48.0	0.92	0.40	17.39	0.02				
	-Slab doubly reinforcement	240.0	3.66	0.40	346.78	0.35				
	-Deduction for opening	-20.0	0.61	0.40	-4.82	-0.005				
	-1st floor Inclined Surface									
	-horizontal bars	32.0	2.43	0.62	47.92	0.05				
	-vertical bars	64.0	1.35	0.62	53.22	0.05				
	-1st floor column	32.0	4.37	0.89	124.35	0.12				
	-Stirrups	48.0	1.02	0.40	19.30	0.02				
		48.0	0.81	0.40	15.44	0.02				
	-2nd floor beam	16.0	1.32	0.89	18.80	0.02				
	-Stirrups	20.0	0.92	0.40	7.24	0.01				
	-2nd floor slab	80.0	2.31	0.62	114.13	0.11				
	-Deduction for opening	-4.0	0.23	0.62	-0.57	-0.001				
	-2nd floor inclined roof slab									
	-horizontal bars	28.0	1.20	0.62	20.74	0.02				
	-vertical bars	32.0	1.07	0.62	21.07	0.02				
	Sub-total					1.61	M.T	130210.00	210243.58	
	-VAT 13% for materials								22042.07	
7	भुईतल्लामा चिम्नी भट्टाको ईटाको गारो सिमेन्ट मसला (१:६) मा									
	-At between lower and upper tie beam	8.0	1.98	0.23	3.81	13.89				

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S.N.	Description of work	No.	Length	Breadth	Height	Quantity	Unit	Rate	Amount	Remarks
	Sub-total					13.89	cum	14520.78	201659.50	
	-VAT 13% for materials								19066.39	
8	भुईतल्लामा चिम्नी भट्टाको ईटाको गारो सिमेन्ट मसला (१:४) मा									
	-At Ground floor	4.0	1.71	0.10	2.49	1.70				
	-Deduction for window	-2.0	0.75	0.10	0.75	-0.11				
	-Deduction for door	-1.0	1.20	0.10	2.44	-0.29				
	-At horizontal roof slab	2.0	0.46	0.10	0.41	0.04				
		2.0	0.23	0.10	0.41	0.02				
	Sub-total					1.35	cum	14911.97	20131.46	
	-VAT 13% for materials								1921.15	
9	१२.५ मी.मी. सिमेन्ट बालुवा (१:४) प्लाष्टर									
	-At Ground floor	4.0	1.71		2.72	18.55				
	-Deduction for window	-2.0	0.75		0.75	-1.13				
	-Deduction for door	-1.0	1.20		2.44	-2.93				
	-1st floor slab	1.0	3.79	3.79		14.33				
	-Deduction for column and beam	-4.0	8.84	0.23		-8.13				
	-Deduction for opening	-1.0	0.61	0.61		-0.37				
	Sub-total					20.32	sqm	402.23	8174.02	
	-VAT 13% for materials								301.81	
10	Traditional Brick (Small Dachi Appa) work in (1:1:2) lime, surkhi, sand mortar									
	-At Ground floor	4.0	2.44		2.72	26.51				
	-Deduction for window	-2.0	0.75		0.75	-1.13				
	-Deduction for door	-1.0	1.20		2.44	-2.93				
	Sub-total					22.46	sqm	5566.61	125002.67	
	VAT calculation								10802.73	
11	अग्राख काठको चौकस बनाइ जोड्ने काम									
	Door	1.0	7.01	0.08	0.13	0.07				
	Sub-total					0.07	cum	283082.83	18604.00	
	VAT calculation								2043.80	
12	Carved salwood Lattice (jali) of Carved Window and door (second type) including wood									
	Window	2.0	0.75		0.75	1.13				
		4.0	0.61		0.38	0.93				
	Door	1.0	1.20		2.44	2.93				
	Sub-total					4.98	sqm	34296.20	170790.83	
	VAT calculation								6855.59	
13	सामान्य माटोले पुर्ने काम १५, १५ से.मी. को तहमा फैलाउन									
	-For flooring	1	1.98	1.98	4.04	7.92				
	Sub-total					7.92	cum	451.40	3577.30	
14	Provisional sum for lab test	1.0				1.00	PS	20000.00	20000.00	

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S.N.	Description of work	No.	Length	Breadth	Height	Quantity	Unit	Rate	Amount	Remarks
15	Information board (सूचना पाटि)	1.0				1.00	no.	500.00	500.00	
	<b>Grand Total</b>								<b>1126521.38</b>	

Total Estimated	1126521.38	100.00
Budget allocated	1000000.00	
Municipal payment	950000.00	84.33
User Contribution	176521.38	15.67
Contingencies	30000.00	3.00
Maintanince	20000.00	2.00

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