

**Project: Construction of Iman Gurung Memorial Park**

**Location: Laprak, Gorkha**

No	Description	No	L	B	H	Qty	Remarks
1	<b>Clearing and uprooting thin vegetation, grubbing their roots and disposal 25m far from the construction sites as per instruction all complete.</b>						
		1.00	7000.00			<b>7000.00</b>	sq.m
2	<b>Buildings (Built up Area )</b>						
a	Guard House	1.00	33.00			33.00	
b	Gents Toilet	1.00	33.00			33.00	
c	Ladies Toilet	1.00	33.00			33.00	
3(A)	<b>Earth work in excavation manually including dressing of sides lift upto 1.5 m stacking of excavated material beyond 2 mtr clear from the edge of excavation within a lift of 30 mtr. and watering, ramming, consolidation and dressing all complete.</b>						
a	wall around Dummy mountain	1.00	68.87	0.75	0.58	29.96	
		1.00	62.50	0.75	0.58	27.19	
		1.00	56.20	0.75	0.58	24.45	
		1.00	46.80	0.75	0.58	20.36	
b	For wall around Dummy mountain	1.00	88.00	0.75	0.58	38.28	
c	steps to the right side of statue						
	1st toe wall	1.00	3.00	0.75	0.58	1.31	
	2nd toe wall	1.00	3.00	0.75	0.58	1.31	
	under steps	2.00	3.00	1.80	0.13	1.40	
d	steps at front of statue						
	Toe wall	1.00	8.45	0.75	0.58	3.68	
	under steps	1.00	8.45	2.10	0.13	2.31	
	Toe wall	1.00	2.00	0.75	0.58	0.87	
	under steps	1.00	2.00	2.10	0.13	0.55	
	Toe wall	1.00	2.00	0.75	0.58	0.87	
	under steps	1.00	2.00	1.50	0.13	0.39	
	Toe wall	1.00	2.00	0.75	0.58	0.87	
	under steps	1.00	2.00	0.60	0.13	0.16	
e	Steps near to memorial	1.00	25.00	0.75	0.58	10.88	
		1.00	25.00	0.75	0.58	10.88	
		1.00	25.00	0.75	0.58	10.88	
		1.00	25.00	0.75	0.58	10.88	
		1.00	25.00	0.75	0.58	10.88	
f	Steps to sitting area						
	Toe wall	2.00	2.00	0.75	0.58	1.74	(both sides)
	under steps	2.00	2.00	3.00	0.13	1.56	
g	Steps for sitting area						
		1.00	68.35	0.75	0.58	29.73	
		1.00	30.81	0.75	0.58	13.40	
		1.00	27.60	0.75	0.58	12.01	
h	Steps to tree worshipping area						
	Toe wall	1.00	2.00	0.75	0.58	0.87	
	under steps	1.00	2.00	2.42	0.13	0.63	
i	Tree worshipping area						
		1.00	23.00	0.75	0.58	10.01	
		1.00	23.00	0.75	0.58	10.01	
		1.00	23.00	0.75	0.58	10.01	
		1.00	23.80	0.75	0.58	10.35	

		1.00	31.20	0.75	0.58	13.57	
		1.00	25.00	0.75	0.58	10.88	
j	For water bodies						
	Near Memorial	1.00	18.37	0.20	0.56	2.04	
	Near statue area	1.00	24.00	0.20	0.56	2.66	
	For base slab near memorial	1.00	26.84		0.13	3.36	
	For base slab near statue	1.00	36.00		0.13	4.50	
	For stone wall	1.00	19.72	0.75	0.58	8.58	
	<b>Total earth work excavation =</b>					<b>389.61</b>	<b>cu.m</b>
<b>3(B)</b>	<b>Earth work in excavation in perfect line and level using hydraulic excavator for land development works including lift up to 1.5m and lead of 30 m all complete.</b>						
	Excavation for land development						
a	area	1.00	1933.15		1.05	2029.81	
	<b>Total earth work excavation =</b>					<b>2029.81</b>	<b>cu.m</b>
<b>4</b>	<b>Supplying and filling earth as per the design, specification and drawing all complete.</b>						
a	area	1.00	1014.90			1014.90	
	<b>Total earth work filling =</b>					<b>1065.65</b>	<b>cu.m</b>
<b>5</b>	<b>Supplying and laying dry brick flat soling with chimney made bricks as per instruction, specification and drawing all complete.</b>						
a	wall around Dummy mountain	1.00	68.87	0.75		51.65	
		1.00	62.50	0.75		46.88	
		1.00	56.20	0.75		42.15	
		1.00	46.80	0.75		35.10	
b	For wall around Dummy mountain	1.00	88.00	0.75		66.00	
c	steps to the right side of statue						
	1st toe wall	1.00	3.00	0.75		2.25	
	2nd toe wall	1.00	3.00	0.75		2.25	
	under steps	2.00	3.00	1.80		10.80	
d	steps at front of statue					0.00	
	Toe wall	1.00	8.45	0.75		6.34	
	under steps	1.00	8.45	2.10		17.75	
	Toe wall	1.00	2.00	0.75		1.50	
	under steps	1.00	2.00	2.10		4.20	
	Toe wall	1.00	2.00	0.75		1.50	
	under steps	1.00	2.00	1.50		3.00	
	Toe wall	1.00	2.00	0.75		1.50	
	under steps	1.00	2.00	0.60		1.20	
e	Steps near to memorial	1.00	25.00	0.75		18.75	
		1.00	25.00	0.75		18.75	
		1.00	25.00	0.75		18.75	
		1.00	25.00	0.75		18.75	
		1.00	25.00	0.75		18.75	
f	Steps to sitting area						
	Toe wall	2.00	2.00	0.75		3.00	
	under steps	2.00	2.00	3.00		12.00	
g	Steps for sitting area						
		1.00	68.35	0.75		51.26	
		1.00	30.81	0.75		23.11	
		1.00	27.60	0.75		20.70	
h	Steps to tree worshipping area						
	Toe wall	1.00	2.00	0.75		1.50	
	under steps	1.00	2.00	2.42		4.83	
i	Tree worshipping area						
		1.00	23.00	0.75		17.25	

		1.00	23.00	0.75		17.25	
		1.00	23.00	0.75		17.25	
		1.00	23.80	0.75		17.85	
		1.00	31.20	0.75		23.40	
		1.00	25.00	0.75		18.75	
j	Area of flagstone flooring	1.00	789.15			789.15	
k	Area of interlocking blocks flooring	1.00	629.03			629.03	
	Near Memorial	1.00	18.37	0.20		3.67	
	Near statue area	1.00	24.00	0.20		4.80	
	For base slab near memorial	1.00	26.84			26.84	
	For base slab near statue	1.00	36.00			36.00	
	For stone wall	1.00	19.72	0.75		14.79	
	Toe wall for flower bed	1.00	20.00	0.45		9.00	
<b>Total flat brick soling=</b>						<b>2235.70</b>	<b>sq.m</b>
<b>6</b>	<b>Supplying and laying PCC (1:3:6) work with necessary curing all complete as per drawing and instruction of the engineer.</b>						
a	wall around Dummy mountain	1.00	68.87	0.75	0.08	3.87	
		1.00	62.50	0.75	0.08	3.52	
		1.00	56.20	0.75	0.08	3.16	
		1.00	46.80	0.75	0.08	2.63	
b	For wall around Dummy mountain	1.00	88.00	0.75	0.08	4.95	
c	steps to the right side of statue						
	1st toe wall	1.00	3.00	0.75	0.08	0.17	
	2nd toe wall	1.00	3.00	0.75	0.08	0.17	
	under steps	2.00	3.00	1.80	0.08	0.81	
d	steps at front of statue						
	Toe wall	1.00	8.45	0.75	0.08	0.48	
	under steps	1.00	8.45	2.10	0.08	1.33	
	Toe wall	1.00	2.00	0.75	0.08	0.11	
	under steps	1.00	2.00	2.10	0.08	0.32	
	Toe wall	1.00	2.00	0.75	0.08	0.11	
	under steps	1.00	2.00	1.50	0.08	0.23	
	Toe wall	1.00	2.00	0.75	0.08	0.11	
	under steps	1.00	2.00	0.60	0.08	0.09	
e	Steps near to memorial	1.00	25.00	0.75	0.08	1.41	
		1.00	25.00	0.75	0.08	1.41	
		1.00	25.00	0.75	0.08	1.41	
		1.00	25.00	0.75	0.08	1.41	
		1.00	25.00	0.75	0.08	1.41	
f	Steps to sitting area						
	Toe wall	2.00	2.00	0.75	0.08	0.23	
	under steps	2.00	2.00	3.00	0.08	0.90	
g	Steps for sitting area						
		1.00	68.35	0.75	0.08	3.84	
		1.00	30.81	0.75	0.08	1.73	
		1.00	27.60	0.75	0.08	1.55	
h	Steps to tree worshipping area						
	Toe wall	1.00	2.00	0.75	0.08	0.11	
	under steps	1.00	2.00	2.42	0.08	0.36	
i	Tree worshipping area						
		1.00	23.00	0.75	0.08	1.29	
		1.00	23.00	0.75	0.08	1.29	
		1.00	23.00	0.75	0.08	1.29	

		1.00	23.80	0.75	0.08	1.34	
		1.00	31.20	0.75	0.08	1.76	
		1.00	25.00	0.75	0.08	1.41	
j	Area under flag stone	1.00	789.15		0.08	59.19	
k	Area of interlocking blocks flooring	1.00	629.03		0.08	47.18	
	Near Memorial	1.00	18.37	0.20	0.08	0.28	
	Near statue area	1.00	24.00	0.20	0.08	0.36	
	For base slab near memorial	1.00	26.84		0.08	2.01	
	For base slab near statue	1.00	36.00		0.08	2.70	
	For stone wall	1.00	19.72	0.75	0.08	1.11	
	Toe wall for flower bed	1.00	20.00	0.45	0.08	0.68	
	<b>Total PCC (1:3:6) work=</b>					<b>175.66</b>	<b>cu.m</b>
<b>7</b>	<b>Brick work in Cement Sand mortar in 1:4 ratio upto Ground level with approved first class chimney made bricks in perfect line and level, finishing including wetting the bricks, packing the joints, scaffolding and curing, all materials and labour complete as per instruction, specification and drawing.</b>						
a	wall around Dummy mountain	1.00	68.87	0.45	0.15	4.65	
		1.00	68.87	0.35	0.15	3.62	
		1.00	68.87	0.23	0.3	4.75	
		1.00	62.50	0.45	0.15	4.22	
		1.00	62.50	0.35	0.15	3.28	
		1.00	62.50	0.23	0.6	8.63	
		1.00	56.20	0.45	0.15	3.79	
		1.00	56.20	0.35	0.15	2.95	
		1.00	56.20	0.23	0.9	11.63	
		1.00	46.80	0.45	0.15	3.16	
		1.00	46.80	0.35	0.15	2.46	
		1.00	46.80	0.23	1.2	12.92	
b	For wall around Dummy mountain	1.00	88.00	0.45	0.15	5.94	
		1.00	88.00	0.35	0.15	4.62	
		1.00	88.00	0.23	0.6	12.14	
c	steps to the right side of statue						
	1st toe wall	1.00	3.00	0.45	0.15	0.20	
		1.00	3.00	0.35	0.15	0.16	
		1.00	3.00	0.23	1.05	0.72	
	2nd toe wall	1.00	3.00	0.45	0.15	0.20	
		1.00	3.00	0.35	0.15	0.16	
		1.00	3.00	0.23	1.05	0.72	
	<b>steps</b>	2.00	3.00	1.80	0.15	1.62	
		2.00	3.00	1.50	0.15	1.35	
		2.00	3.00	1.20	0.15	1.08	
		2.00	3.00	0.90	0.15	0.81	
		2.00	3.00	0.60	0.15	0.54	
		2.00	3.00	0.30	0.15	0.27	
d	steps at front of statue						
	1st toe wall	1.00	8.45	0.45	0.15	0.57	
		1.00	8.45	0.35	0.15	0.44	
		1.00	8.45	0.23	1.2	2.33	
	<b>Steps</b>	1.00	8.45	2.10	0.15	2.66	
		1.00	8.45	1.80	0.15	2.28	
		1.00	8.45	1.50	0.15	1.90	
		1.00	8.45	1.20	0.15	1.52	
		1.00	8.45	0.90	0.15	1.14	
		1.00	8.45	0.60	0.15	0.76	
		1.00	8.45	0.30	0.15	0.38	

	2nd toe wall	1.00	2.00	0.45	0.15	0.14
		1.00	2.00	0.35	0.15	0.11
		1.00	2.00	0.23	1.2	0.55
	<b>Steps</b>	1.00	2.00	2.10	0.15	0.63
		1.00	2.00	1.80	0.15	0.54
		1.00	2.00	1.50	0.15	0.45
		1.00	2.00	1.20	0.15	0.36
		1.00	2.00	0.90	0.15	0.27
		1.00	2.00	0.60	0.15	0.18
		1.00	2.00	0.30	0.15	0.09
	3rd toe wall	1.00	2.00	0.45	0.15	0.14
		1.00	2.00	0.35	0.15	0.11
		1.00	2.00	0.23	1.2	0.55
	<b>Steps</b>	1.00	2.00	1.50	0.15	0.45
		1.00	2.00	1.20	0.15	0.36
		1.00	2.00	0.90	0.15	0.27
		1.00	2.00	0.60	0.15	0.18
		1.00	2.00	0.30	0.15	0.09
	4th toe wall	1.00	2.00	0.45	0.15	0.14
		1.00	2.00	0.35	0.15	0.11
		1.00	2.00	0.23	0.45	0.21
	<b>Steps</b>	1.00	2.00	0.60	0.15	0.18
		1.00	2.00	0.30	0.15	0.09
e	Steps near to memorial					
		5.00	25.00	0.45	0.15	8.44
		5.00	25.00	0.35	0.15	6.56
		5.00	25.00	0.23	0.45	12.94
f	Steps to sitting area	2.00	2.00	0.45	0.15	0.27
		2.00	2.00	0.35	0.15	0.21
		2.00	2.00	0.23	1.05	0.97
	<b>Steps</b>	2.00	2.00	3.00	0.15	1.80
		2.00	2.00	2.70	0.15	1.62
		2.00	2.00	2.40	0.15	1.44
		2.00	2.00	2.10	0.15	1.26
		2.00	2.00	1.80	0.15	1.08
		2.00	2.00	1.50	0.15	0.90
		2.00	2.00	1.20	0.15	0.72
		2.00	2.00	0.90	0.15	0.54
		2.00	2.00	0.60	0.15	0.36
		2.00	2.00	0.30	0.15	0.18
g	Steps for sitting area					
	1st toe wall	1.00	68.35	0.45	0.15	4.61
		1.00	68.35	0.35	0.15	3.59
		1.00	68.35	0.23	0.45	7.07
	2nd toe wall	1.00	30.81	0.45	0.15	2.08
		1.00	30.81	0.35	0.15	1.62
		1.00	30.81	0.23	0.75	5.31
	3rd toe wall	1.00	27.60	0.45	0.15	1.86
		1.00	27.60	0.35	0.15	1.45
		1.00	27.60	0.23	1.05	6.67
h	Steps to tree worshipping area					
	1st toe wall	1.00	2.00	0.45	0.15	0.14
		1.00	2.00	0.35	0.15	0.11
		1.00	2.00	0.23	1.05	0.48

	<b>Steps</b>	1.00	2.00	2.40	0.15	0.72		
		1.00	2.00	2.10	0.15	0.63		
		1.00	2.00	1.80	0.15	0.54		
		1.00	2.00	1.50	0.15	0.45		
		1.00	2.00	1.20	0.15	0.36		
		1.00	2.00	0.90	0.15	0.27		
		1.00	2.00	0.60	0.15	0.18		
		1.00	2.00	0.30	0.15	0.09		
i	Tree worshiping area							
	1st toe wall	1.00	23.00	0.45	0.15	1.55		
		1.00	23.00	0.35	0.15	1.21		
		1.00	23.00	0.23	0.75	3.97		
	2nd toe wall	1.00	23.00	0.45	0.15	1.55		
		1.00	23.00	0.35	0.15	1.21		
		1.00	23.00	0.23	0.6	3.17		
	3rd toe wall	1.00	23.00	0.45	0.15	1.55		
		1.00	23.00	0.35	0.15	1.21		
		1.00	23.00	0.23	0.45	2.38		
	4th toe wall	1.00	23.80	0.45	0.15	1.61		
		1.00	23.80	0.35	0.15	1.25		
		1.00	23.80	0.23	0.3	1.64		
	5th toe wall	1.00	31.20	0.45	0.15	2.11		
		1.00	31.20	0.35	0.15	1.64		
		1.00	31.20	0.23	0.3	2.15		
	6th toe wall	1.00	25.00	0.45	0.15	1.69		
		1.00	25.00	0.35	0.15	1.31		
		1.00	25.00	0.23	0.45	2.59		
	Toe wall for flower bed	1.00	20.00	0.45	0.15	1.35		
		1.00	20.00	0.35	0.15	1.05		
		1.00	20.00	0.23	0.6	2.76		
		<b>Total brick work=</b>				<b>256.54</b>	<b>cu.m</b>	
<b>8</b>	<b>Stone Masonry Works in 1:6 Cement Sand Mortar</b>							
	First Footing	1.00	19.72	0.75	0.15	2.22		
	Second Footing	1.00	19.72	0.6	0.15	1.77		
	Near Entry wall	1.00	19.72	0.45	3.15	27.96		
		<b>Total stone masonry work=</b>				<b>35.15</b>	<b>cu.m</b>	
<b>9</b>	<b>Providing and laying 50mm thick Flag stone flooring with 1:4 cement sand mortar all materials and labours complete as per instruction specification and drawing.</b>							
a	Overall	1.00	605.50			605.50		
b	steps to the right side of statue							
	Riser	14.00	3.00		0.15	6.30		
	Tread	1.00	3.00	3.60		10.80		
c	steps at front of statue							
	Riser	8.00	8.45		0.15	10.14		
	Tread	1.00	8.45	2.10		17.75		
d	steps at front of statue							
	Riser	8.00	2.00		0.15	2.40		
	Tread	1.00	2.00	2.10		4.20		
e	steps at front of statue							
	Riser	5.00	2.00		0.15	1.50		
	Tread	1.00	2.00	1.50		3.00		
f	steps at front of statue							

	Riser	3.00	2.00		0.15	0.90	
	Tread	1.00	2.00	0.60		1.20	
g	Steps to sitting area						
	Riser	14.00	2.00		0.15	4.20	
	Tread	2.00	2.00	3.00		12.00	
h	Steps to tree worshipping area						
	Riser	5.00	2.00		0.15	1.50	
	Tread	1.00	2.00	2.42		4.83	
	<b>Total flag stone work=</b>					<b>789.15</b>	<b>sq.m</b>
<b>10</b>	<b>Preparing and laying out 60mm thick heavy duty Interlocking Blocks for flooring as per the design, specification, and drawing all complete.</b>						
a	Over all	1.00	599.07			599.07	
	<b>Total Interlocking blocks work=</b>					<b>629.03</b>	<b>sq.m</b>
<b>11</b>	<b>Preparing, providing and laying of German lawn (Grass Bed) as per the design, specification, all drawing complete.</b>						
a	Over all	1.00	4890.22			4890.22	
	<b>Total german lawn work=</b>					<b>5134.73</b>	<b>sq.m</b>
<b>12</b>	<b>Backfilling with excavated soil in Trenches as per the design, drawings, and specification all drawing complete.</b>						
	30% of total excavation	1.00	389.61			<b>116.88</b>	<b>cu.m</b>
<b>13</b>	<b>RCC Works M20</b>						
	For shear wall along water body near memorial	1.00	18.366	0.2	0.9	3.31	
	For shear wall along water body near statue	1.00	24.00	0.2	0.9	4.32	
	For base slab near memorial	1.00	26.84		0.13	3.36	
	For base slab near statue	1.00	36.00		0.13	4.50	
	<b>Total RCC Works for M20=</b>					<b>16.26</b>	<b>cu.m</b>
<b>14</b>	<b>Reinforcement @ 2% of RCC Works</b>						
						<b>2552.08</b>	<b>Kg</b>
<b>15</b>	<b>Centering and shuttering with approved 19mm plywood for all P.C.C. works of any shape size and at any level with necessary propping scaffolding staging supporting. Cutting holes for utilization works etc as per drawing, specification and approval of site Engineer.</b>						
a	wall around Dummy mountain	2.00	68.87		0.08	10.33	
		2.00	62.50		0.08	9.38	
		2.00	56.20		0.08	8.43	
		2.00	46.80		0.08	7.02	
b	For wall around Dummy mountain	2.00	88.00		0.08	13.20	
c	steps to the right side of statue						
	1st toe wall	2.00	3.00		0.08	0.45	
	2nd toe wall	2.00	3.00		0.08	0.45	
	under steps	2.00	9.60		0.08	1.44	
d	steps at front of statue					0.00	
	Toe wall	2.00	8.45		0.08	1.27	
	under steps	1.00	21.10		0.08	1.58	
	Toe wall	2.00	2.00		0.08	0.30	
	under steps	1.00	8.20		0.08	0.62	
	Toe wall	2.00	2.00		0.08	0.30	
	under steps	1.00	7.00		0.08	0.53	
	Toe wall	2.00	2.00		0.08	0.30	
	under steps	1.00	5.20		0.08	0.39	
e	Steps near to memorial	2.00	25.00		0.08	3.75	
		2.00	25.00		0.08	3.75	
		2.00	25.00		0.08	3.75	
		2.00	25.00		0.08	3.75	

		2.00	25.00		0.08	3.75	
f	Steps to sitting area						
	Toe wall	2.00	5.50		0.08	0.83	
	under steps	2.00	10.00		0.08	1.50	
g	Steps for sitting area						
		2.00	68.35		0.08	10.25	
		2.00	30.81		0.08	4.62	
		2.00	27.60		0.08	4.14	
h	Steps to tree worshipping area						
	Toe wall	2.00	2.00		0.08	0.30	
	under steps	1.00	8.83		0.08	0.66	
i	Tree worshipping area						
		2.00	23.00		0.08	3.45	
		2.00	23.00		0.08	3.45	
		2.00	23.00		0.08	3.45	
		2.00	23.80		0.08	3.57	
		2.00	31.20		0.08	4.68	
		2.00	25.00		0.08	3.75	
	For shear wall along water body near memorial	2.00	18.37		0.90	33.06	
	For shear wall along water body near statue	2.00	24.00		0.90	43.20	
		<b>Total form work=</b>				<b>215.20</b>	<b>sq.m</b>
<b>16</b>	<b>12.5 mm thick cement plastering work in 1:4 cement mortar on walls of good finish including cleaning and wetting the surface and curing the work all complete</b>						
a	wall around Dummy mountain	1.00	68.87		0.30	20.66	
		1.00	62.50		0.30	18.75	
		1.00	56.20		0.30	16.86	
		1.00	46.80		0.30	14.04	
b	For wall around Dummy mountain	1.00	88.00		0.60	52.80	
e	Steps near to memorial	1.00	25.00		0.30	7.50	
		1.00	25.00		0.30	7.50	
		1.00	25.00		0.30	7.50	
		1.00	25.00		0.30	7.50	
		1.00	25.00		0.30	7.50	
g	Steps for sitting area						
		1.00	68.35		0.30	20.51	
		1.00	30.81		0.30	9.24	
		1.00	27.60		0.30	8.28	
i	Tree worshipping area						
		1.00	23.00		0.30	6.90	
		1.00	23.00		0.30	6.90	
		1.00	23.00		0.30	6.90	
		1.00	23.80		0.30	7.14	
		1.00	31.20		0.30	9.36	
		1.00	25.00		0.30	7.50	
	Near Entry wall	2.00	19.72		3.15	124.26	
		<b>Total plaster work=</b>				<b>404.36</b>	<b>sq.m</b>
<b>17</b>	<b>Supplying and painting with two coat weather coat with primer on outer walls all complete as per design, drawings and instructions all complete.</b>					<b>465.01</b>	<b>sq.m</b>
<b>18</b>	<b>Disposal of earth work after completion of the project as per specification and instruction of the site engineer all complete.</b>						
	Excavation	1.00	2419.42			2419.42	



	Backfilling and filling	-1.00	1182.53	-1182.53	
	<b>Total disposal works=</b>			<b>1236.89</b>	<b>cu.m</b>
<b>19</b>	<b>Floor Tiles</b>				
	For base slab near memorial	1	26.843	26.843	
	For base slab near statue	1	36	36	
	<b>Total floor tile works=</b>			<b>69.13</b>	<b>sq.m</b>
<b>20</b>	<b>Wall Tiles</b>				
	For shear wall along water body near memorial	1	18.366	0.90	16.5294
	For shear wall along water body near statue	1	24	0.90	21.6
	<b>Total wall tile works=</b>			<b>41.94</b>	<b>sq.m</b>
<b>21</b>	<b>Granite Cladding Works</b>				
	Stone Wall near entry	2	19.72	3.15	124.236
	<b>Total granite works=</b>			<b>136.66</b>	<b>sq.m</b>

## Detail Estimate For Boundry Wall

**Project: Construction of Iman Gurung Memorial Park**

**Location: Laprak, Gorkha**

No	Description	No	L	B	H	Qty	Unit	Remarks
<b>1</b>	<b>Site Clearance Work</b>							<b>4' extra width</b>
	Site area	1	430.00	1.20		<b>516.00</b>	<b>sq.m</b>	
<b>2</b>	<b>Earth Work in Excavation</b>							
2.1	<b>In Trenches</b>							
	Trenches	1	430.00	0.60	0.60	154.80		<b>6" extra wide</b>
	Gate deduction	-1	7.45	0.60	0.60	-2.68		
	<b>Total=</b>					<b>152.12</b>	<b>Cu.m</b>	
2.2	<b>For Isolated Footing</b>							
	F	109	1.65	1.65	1.50	443.09		<b>6" extra wide</b>
	<b>Total=</b>					<b>595.20</b>	<b>Cu.m</b>	
<b>3</b>	<b>Brick Soling</b>							
3.1	<b>In Trenches</b>							
	Trenches	1	430.00	0.45		193.50		
	Gate deduction	-1	7.45	0.45		-3.35		
	<b>Total=</b>					<b>190.15</b>	<b>sq.m</b>	
3.2	<b>For Isolated Footing</b>							
	F	109	1.65	1.65		295.39		
	<b>Total=</b>					<b>485.54</b>	<b>sq.m</b>	
<b>4</b>	<b>PCC (1:3:6)</b>							
4.1	<b>In Trenches</b>							
	Trenches	1	430.00	0.45	0.08	14.51		
	Gate deduction	-1	7.45	0.45	0.08	-0.25		
	<b>Total=</b>					<b>14.26</b>	<b>Cu.m</b>	
4.2	<b>For Isolated Footing</b>							
	F	109	1.65	1.65	0.08	22.15		
	<b>Total=</b>					<b>36.42</b>	<b>Cu.m</b>	
<b>5</b>	<b>Brick Work (1:4)</b>							
5.1	<b>1st Footing (1'6")</b>							
	Trenches	1	430.00	0.45	0.15	29.03		
	Gate deduction	-1	7.45	0.45	0.15	-0.50		
	<b>Total=</b>					<b>28.52</b>	<b>Cu.m</b>	
5.2	<b>2nd Footing (1'2")</b>							
	Trenches	1	430.00	0.35	0.15	22.58		

	Gate deduction	-1	7.45	0.35	0.15	-0.39		
						<b>Total=</b>	<b>22.18</b>	<b>Cu.m</b>
<b>5.3</b>	<b>3rd Footing (9") up to grd. Lvl</b>							
	Trenches	1	430.00	0.23	0.16	15.72		
	Gate deduction	-1	7.45	0.23	0.16	-0.27		
						<b>Total=</b>	<b>15.45</b>	<b>Cu.m</b>
<b>5.4</b>	<b>9" Wall upto 2m from grd lvl</b>							
	Trenches	1	430.00	0.23	2.00	193.50		
	Gate deduction	-1	7.45	0.23	2.00	-3.35		
						<b>Total=</b>	<b>190.15</b>	<b>Cu.m</b>
						<b>TOTAL OF BRICK WORK=</b>	<b>256.30</b>	<b>Cu.m</b>
<b>6</b>	<b>RCC Work</b>							
<b>6.1</b>	<b>In footing</b>							
	For Rect. Part	109	1.50	1.50	0.15	36.62		$V=L*B*H$
	For Pyramidal part	109	1.50	1.50	0.30	34.59		$V=(A1+A2+\text{sqrt}.A1*A2)*(h/3)$
<b>6.2</b>	<b>In Column (upto grd lvl)</b>	109	0.23	0.23	0.30	1.65		
	<b>Total RCC Work upto grd lvl</b>					<b>72.86</b>	<b>Cu.m</b>	
<b>6.3</b>	<b>In Column( frm grd to 9')</b>	109	0.23	0.23	2.70	14.83		
						<b>Total RCC Work=</b>	<b>87.69</b>	<b>Cu.m</b>
<b>7</b>	<b>Form Work</b>							
<b>7.1</b>	<b>Form work for PCC</b>							
	Trenches	1	430.00		0.08	32.25		
						<b>Total=</b>	<b>32.25</b>	<b>sq.m</b>
<b>7.2</b>	<b>Form work for RCC</b>							
	<b>In footing</b>							
	For Rect. Part	109	6.00		0.15	97.65		
	For Pyramidal part	109	6.00		0.30	195.30		
	In Colomn (upto grd lvl)	109	0.90		0.30	29.30		
	In Colomn (frm grd to 9')	109	0.90		2.70	263.66		
						<b>Total=</b>	<b>585.90</b>	<b>sq.m</b>
						<b>Grand Total=</b>	<b>618.15</b>	<b>sq.m</b>
<b>8</b>	<b>Backfilling in Trenches</b>							
	Total earth work in excavation					152.12		
	Total filling work					59.82		
	Disposal of excavated earth					92.30		
	<b>Backfilling in Footing</b>							
	Total earth work in excavation					443.09		
	Total filling work					325.92		
	Disposal of excavated earth					117.17		
						<b>Total excavation=</b>	<b>595.20</b>	<b>cu.m</b>
						<b>Total filling work=</b>	<b>385.74</b>	<b>cu.m</b>
						<b>Total disposal=</b>	<b>209.47</b>	<b>cu.m</b>
<b>9</b>	<b>Plaster Work in Wall</b>							
<b>9.1</b>	<b>9" Wall upto 2m from grd lvl</b>							
	Trenches	2	430.00		2.00	1720.00		<b>both sides</b>
	Gate deduction	-2	7.45		2.00	-29.80		
						<b>Total=</b>	<b>1690.20</b>	<b>sq.m</b>
<b>9.5</b>	<b>In Exposed Colomn</b>	111	0.45		2.70	137.30	<b>sq.m</b>	
						<b>TOTAL OF PLASTER WORK=</b>	<b>1827.50</b>	<b>sq.m</b>
<b>10</b>	<b>Reinforcement</b>					13767.07	<b>Kg</b>	2% of total RCC Work

11	Two coat of Weather coat paint on wall					1827.50	sq.m	
12	MS grill in boundary	1	430.00		0.60	258.00	sq.m	
13	Metal Gate	1	7.50	2.70		20.25		
<b>Total=</b>						<b>20.25</b>	<b>sq.m</b>	

### **Total Abstract of Cost**

**Project: Construction of Iman Gurung Memorial Park**

**Location: Laprak, Gorkha**

SN	Description	Unit	Rate	Landscaping and Building Blocks		Boundary wall		Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
1	Clearing and uprooting thin vegetation, grubbing their roots and disposal 25m far from the construction sites as per instruction all complete.	sq.m	15.20	7,000.00	106400	516.00	7,843.20	7,516.00	114,243.20
2	Buildings (Built up Area )	sq.m							
2.1	Guard House		21,520	33.00	710160			33.00	710,160.00
2.2	Gents & Ladies Toilet		21,520	66.00	1420320			66.00	1,420,320.00
3	Earth work in excavation manually including dressing of sides lift upto 1.5 m stacking of excavated material beyond 2 mtr clear from the edge of excavation within a lift of 30 mtr. and watering, ramming, consolidation and dressing all complete.	cu.m	544.87	389.61	212288.8			389.61	212,288.80
4	Earth work in excavation in perfect line and level using hydraulic excavator for land development works including lift upto 1.5m and lead of 30 m all complete.	cu.m	67.20	2,029.81	136403.06	595.20	39,997.77	2,625.01	176,400.83
5	Suppling and filling earth as per the design, specification and drawing all complete.	cu.m	332.35	1,065.65	354168.42	385.74	128,199.92	1,451.39	482,368.34
6	Supplying and laying dry brick flat soling with chimney made bricks as per instruction, specification and drawing all complete.	sq.m	1,015.22	2,235.70	2269728.4	485.54	492,928.65	2,721.24	2,762,657.02
7	Supplying and laying PCC (1:3:6) work with necessary curing all complete as per drawing and instruction of the engineer.	cu.m	11,941.15	175.66	2097608.9	36.42	434,841.83	212.08	2,532,450.77
8	Brick work in Cement Sand mortar in 1:4 ratio upto Ground level with approved first class chimney made bricks in perfect line and level, finishing including wetting the bricks, packing the joints, scaffolding and curing, all materials and labour complete as per instruction, specification and drawing.	cu.m	14,621.10	256.54	3750851.9	256.30	3747431.56	512.84	7,498,283.50

9	Stone masonry work in Cement Sand mortar in 1:6 ratio in perfect line and level, finishing including wetting the stone, packing the joints, and curing, all materials and labour complete as per instruction , specification and drawing.	cu.m	11,600.45	35.15	407724.23			35.15	407,724.23
10	Supplying and fixing of approved quality Porcelain glazed wall tile on wall surfaces with boarder in 1:4 cement sand mortar in perfect line and level, Work all complete as per design, drawings, specification and approval of site Engineer.	sq.m	2,755.48	41.94	115571.28			41.94	115,571.28
11	Supplying and fixing of approved quality Porcelain Non-glazed tile on floor surfaces in 1:4 cement sand mortar in perfect line and level, Work all complete as per design, drawings, specification and approval of site Engineer.	sq.m	2,755.48	69.13	190478.89			69.13	190,478.89
12	Supplying and laying 16 mm granite cladding 12.5 mm thick with 1:3 cement sand mortar in perfect line and level including scrubbing and polishing all complete as per instruction, specification and drawing.	sq.m	6,256.21	136.66	854971.16			136.66	854,971.16
13	Providing and laying 50mm thick Flag stone flooring with 1:4 cement sand mortar all materials and labours complete as per instruction specification and drawing.	sq.m	2,015.88	789.15	1590826.2			789.15	1,590,826.16
14	Preparing and laying out 60mm thick heavy duty Interlocking Blocks for flooring as per the design, specification, and drawing all complete.	sq.m	1,358.82	629.03	854732.57			629.03	854,732.57
15	Preparing, providing and laying of German lawn (Grass Bed) as per the design, specification, all drawing complete.	sq.m	664.84	5,134.73	3413774.6			5,134.73	3,413,774.56
16	Backfilling with excavated soil in Trenches as per the design, drawings, and specification all drawing complete.	cu.m	332.35	116.88	38846.432			116.88	38,846.43
17	Structural concrete in any form, size shape and level for all R.C.C. works with cement, sand and crushed aggregate in Nominal mix 1:1.5:3 ratio (M20) including Mixing, laying, compacting, finishing and curing all complete as per drawing, specification and approval of site Engineer.	cu.m	15,606.58	16.26	253689.92	87.69	1368515.15	103.94	1,622,205.07

18	Straightening, cleaning, cutting and bending of TMT steel reinforcement bar of different diameter for R.C.C: work including fixing in position all complete as per the drawing, specification and instruction of site incharge.	kg	116.61	2,552.08	297596.07	13767.07	1605364.26	16,319.15	1,902,960.33
19	Centering and shuttering with approved 19mm plywood for all P.C.C. works of any shape size and at any level with necessary propping scaffolding staging supporting. Cutting holes for utilization works etc. as per drawing, specification and approval of site Engineer.	sq.m	1,072.69	215.20	230841.93	32.25	34,594.25	247.45	265,436.18
20	Centering and shuttering with approved 19mm plywood for all R.C.C. works in columns of any shape size and at any level with necessary propping scaffolding staging supporting. Cutting holes for utilization works etc. as per drawing, specification and approval of site Engineer.	sq.m	1,286.80	-	0	585.90	753,936.12	585.90	753,936.12
21	12.5 mm thick cement plastering work in 1:4 cement mortar on walls of good finish including cleaning and wetting the surface and curing the work all complete	sq.m	353.33	404.36	142872.6	1,827.50	645,708.81	2,231.86	788,581.40
22	Supplying and painting with two coat weather coat with primer on outer walls all complete as per design, drawings and instructions all complete.	sq.m	227.25	465.01	105674.49	1,827.50	415,298.24	2,292.51	520,972.73
23	Disposal of earth work after completion of the project as per specification and instruction of the site engineer all complete.	cu.m	444.02	1,236.89	549203.07	209.47	93,007.63	1,446.36	642,210.70
24	Supplying and fitting MS grill over boundary wall as per instruction, specification and drawing all complete.	sq.m	3,461.50			258.00	893,067.00	258.00	893,067.00
25	Providing, fabricating and fixing the metal gate(16 gauge) including painting all complete as per the drawings, specifications and instructions of the Site Engineer all complete	sq.m	8,043.10			20.25	162,872.78	20.25	162,872.78
26	Supplying and planting tree inclusive of excavation work, fertilizers and also providing tree guard ht. upto 1m all complete work as per instruction of site engineer.	Nos	1,510.86	100.00	151086			100.00	151,086.00
27	Construction of Dummy mountain as per drawing & instruction of site engineer all complete work.	Ps	1000000						1,000,000.00

28	Supplying and fixing of Statue of Late Iman Gurung as per drawing & instruction of site engineer all complete work.	Ps	1000000						1,000,000.00
29	Supplying and fixing of statue (Chhorteen) and name slate as per drawing & instruction of site engineer all complete work.	Ps	950,000						950,000.00
30	Design cost and Report writing		395,000						395,000.00
31	Iman Status		250,000						250,000.00
Sub Total of Civil Works=					20255819		10823607.2		34,674,426.03
Total sanitary works @ 10% of civil works									3,467,442.60
Total electrical works @10% of civil works									3,467,242.60
Sub Total									41,609,311.24
Contingencies @ 5% of subtotal									2,080,465.56
Sub Total									43,689,776.80
VAT 13%									5,679,670.98
Grand Total									49,369,447.78