



नेपाल सरकार  
पुरातत्व विभाग  
निर्माण कार्यको लागत अनुमान  
(Detail of Quantity Estimate)

कार्यालय कोड नं.:

परियोजनाको नाम:		Dhandar Masta Manu Re-construction work.					अर्थिक वर्ष:	2082-083	
कार्यान्वयन हुने स्थल:		Masta Rural Municipality-03, Bajhang.					बजेट उप शीर्षक नं:		
सम्पन्न हुने अनुमानित अवधि:									
क्र.सं.	काम/सेवाको विवरण	मापनको आयाम						इकाई	कैफियत
	आइटम	संख्या	लम्बाइ	चौडाइ	उचाइ	परिमाण			
1.00	Chemma Puja before and after completion of works.	1.00				1.00	Job		
2.00	Dismantling of existing stone work in mud mortar including disposal of the debris out of site all complete as per instruction of site engineer.								
	<b>Dhandar Masta Manu</b>								
	Long wall outter	2.000	49.500	1.500	5.000	742.50			
	Long wall inner	1.000	37.330	1.500	5.000	279.98			
	Short wall	2.000	21.250	1.500	5.000	318.75			
	Partition wall	3.000	16.830	1.500	5.000	378.68			
	Deduction of window	-7.000	4.833	1.500	3.500	-177.61			
	Deduction of door	-2.000	2.500	1.500	3.500	-26.25			
	<b>Bathapala Manu</b>								
	Long wall	2.000	23.583	1.500	5.000	353.75			
	Short wall	2.000	16.600	1.500	5.000	249.00			
	Deduction of window	-2.000	22.500	1.500	4.333	-292.48			
	Deduction of door	-2.000	2.500	1.500	4.500	-33.75			
	<b>Lakudha ko Thati</b>								
	Long wall	2.000	12.000	2.000	7.000	336.00			
	Short wall	2.000	10.000	2.000	7.000	280.00			
	Deduction of door	-2.000	3.000	2.000	4.500	-54.00			
	<b>Boundary Wall</b>								
	Boundary wall	1.000	150.000	1.667	4.500	1125.23			
					<b>Total</b>	<b>3479.80</b>	<b>Cu.ft</b>		

Prepared by:

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3.00	Dismantling CGI roofing and throwing 10 metre away.							
	Dhandar Masta Manu							
	Roof	2.000	50.500		11.500	1161.50		
	Bathapala Manu							
	Roof	2.000	24.500		7.500	367.50		
					<b>Total</b>	<b>1529.00</b>	<b>Sq.ft</b>	
4.00	Earth work in Excavation---soft and silty clay.							
	Dhandar Masta Manu							
	Long wall outter	2.000	49.500	2.500	3.000	742.50		
	Long wall inner	1.000	37.500	2.500	3.000	281.25		
	Short wall outter	2.000	19.750	2.500	3.000	296.25		
	Short wall inner	2.000	14.750	2.500	3.000	221.25		
	Partition wall	1.000	14.750	2.000	3.000	88.50		
		1.000	8.000	2.000	3.000	48.00		
	At Peti							
	Long wall	2.000	51.500	1.500	1.500	231.75		
	Short wall	2.000	23.750	1.500	1.500	106.88		
	Lakuda ko Thathi							
	Long wall	2.000	11.000	2.500	3.000	165.00		
	Short wall	2.000	6.000	2.500	3.000	90.00		
	At Peti							
	Long wall	2.000	13.000	1.500	1.500	58.50		
	Short wall	2.000	10.000	1.500	1.500	45.00		
	Baathpala Manu							
	Long wall	2.000	23.500	2.500	3.000	352.50		
	Short wall	2.000	12.500	2.500	3.000	187.50		
	At Peti							
	Long wall	2.000	25.500	1.500	1.500	114.75		
	Short wall	2.000	16.500	1.500	1.500	74.25		
	Steps works							
	Steps	200.000	4.000	1.000	1.000	800.00		
	Steps Side wall	3.000	12.000	2.000	1.000	72.00		
	Boundary Wall							
	Boundary wall Temple	1.000	450.000	2.500	3.000	3375.00		
	Gate	3.000	35.000	2.500	3.000	787.50		
	Dhandar Masta Manu							
	Flagstone paving for flooring	1.000	29.000	30.000	1.000	870.00		
	Lakudha ko Thati							
	Flagstone paving for flooring	1.000	7.000	8.000	1.000	56.00		
	Baathpala Manu							
	Flagstone paving for flooring	1.000	19.000	15.000	1.000	285.00		
	Parisar							
	Flagstone paving for parisar	1.000	85.000	90.000	1.000	7650.00		
					<b>Total</b>	<b>16999.38</b>	<b>Cu.ft</b>	
5.00	Stone soling works as per instruction.							
	Dhandar Masta Manu							
	Long wall outter	2.000	49.500	2.500	0.667	165.08		

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	Long wall inner	1.000	37.500	2.500	0.667	62.53		
	Short wall outter	2.000	19.750	2.500	0.667	65.87		
	Short wall inner	2.000	14.750	2.500	0.667	49.19		
	Partition wall	1.000	14.750	2.000	0.667	19.68		
		1.000	8.000	2.000	0.667	10.67		
	<b>At Peti</b>							
	Long wall	2.000	51.500	1.500	0.667	103.05		
	Short wall	2.000	23.750	1.500	0.667	47.52		
	<b>Lakuda ko Thati</b>							
	Long wall	2.000	11.000	2.500	0.667	36.69		
	Short wall	2.000	6.000	2.500	0.667	20.01		
	<b>At Peti</b>							
	Long wall	2.000	13.000	1.500	0.667	26.01		
	Short wall	2.000	10.000	1.500	0.667	20.01		
	<b>Baathpala Manu</b>				0.667			
	Long wall	2.000	23.500	2.500	0.667	78.37		
	Short wall	2.000	12.500	2.500	0.667	41.69		
	<b>At Peti</b>							
	Long wall	2.000	25.500	1.500	0.667	51.03		
	Short wall	2.000	16.500	1.500	0.667	33.02		
	<b>Steps works</b>							
	Steps	200.000	4.000	1.000	0.667	533.60		
	Steps Side wall	3.000	12.000	2.000	0.667	48.02		
	<b>Boundary Wall</b>							
	Boundary wall Temple	1.000	450.000	2.500	0.667	750.38		
	Gate	3.000	35.000	2.500	0.667	175.09		
	<b>Dhandar Masta Manu</b>							
	Flagstone paving for flooring	1.000	29.000	30.000	0.500	435.00		
	<b>Lakudha ko Thati</b>							
	Flagstone paving for flooring	1.000	7.000	8.000	0.500	28.00		
	<b>Baathpala Manu</b>							
	Flagstone paving for flooring	1.000	19.000	15.000	0.500	142.50		
					<b>Total</b>	<b>2943.01</b>	<b>Cu.ft</b>	
6.00	<b>Stone work in foundation in mud mortar as per instruction.</b>							
	<b>Dhandar Masta Manu</b>							
	<b>Step 1st</b>							
	Long wall outter	2.000	49.500	2.500	1.000	247.50		
	Long wall inner	1.000	37.500	2.500	1.000	93.75		
	Short wall outter	2.000	19.750	2.500	1.000	98.75		
	Short wall inner	2.000	14.750	2.500	1.000	73.75		
	Partition wall	1.000	14.750	2.000	1.000	29.50		
		1.000	8.000	2.000	1.000	16.00		
	<b>Step 2nd</b>							
	Long wall outter	2.000	49.000	2.000	1.000	196.00		
	Long wall inner	1.000	37.000	2.000	1.000	74.00		
	Short wall outter	2.000	20.250	2.000	1.000	81.00		
	Short wall inner	2.000	14.250	2.000	1.000	57.00		
	Partition wall	1.000	14.250	1.500	1.000	21.38		
		1.000	8.500	1.500	1.000	12.75		

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	Lakuda ko Thathi						
	Step 1st						
	Long wall	2.000	11.000	2.500	1.000	165.00	
	Short wall	2.000	6.000	2.500	1.000	90.00	
	Step 2nd						
	Long wall	2.000	10.500	2.000	1.000	42.00	
	Short wall	2.000	6.500	2.000	1.000	26.00	
	Saathpala Manu						
	Step 1st						
	Long wall	2.000	23.500	2.500	1.000	117.50	
	Short wall	2.000	12.500	2.500	1.000	62.50	
	Step 2nd						
	Long wall	2.000	23.000	2.000	1.000	92.00	
	Short wall	2.000	13.000	2.000	1.000	52.00	
	Steps works						
	Steps	200.000	4.000	1.000	2.000	1600.00	
	Steps Side wall	3.000	12.000	2.000	2.000	144.00	
	Boundary Wall						
	Boundary wall Temple	1.000	450.000	2.500	2.000	2250.00	
	Gate	3.000	35.000	2.500	2.000	525.00	
					<b>Total</b>	<b>6167.38</b>	<b>Cu.ft</b>
7.00	One side Dressed (Ashlar masonry) stone wall with chisel finishing in mud mortar stone width not < 15 cm						
	Dhandar Masta Manu						
	Long wall outer	2.000	48.600	0.750	9.500	692.55	
	"	2.000	48.600	0.750	9.500	692.55	
	Long wall inner	1.000	36.500	0.750	12.333	337.62	
	"	1.000	36.500	0.750	12.333	337.62	
	Short wall outer	2.000	20.750	0.750	9.500	295.69	
	"	2.000	20.750	0.750	9.500	295.69	
	Short wall inner	2.000	15.750	0.750	12.333	291.37	
	"	2.000	15.750	0.750	12.333	291.37	
	Partition wall	1.000	15.750	0.583	9.500	87.23	
	"	1.000	15.750	0.583	9.500	87.23	
	"	1.000	9.000	0.583	9.500	49.85	
	"	1.000	9.000	0.583	9.500	49.85	
	At Peti						
	Long wall	2.000	51.500	1.500	0.500	77.25	
	Short wall	2.000	23.750	1.500	0.500	35.63	
	Deduction of window	-5.000	3.583	1.500	7.500	-201.54	
		-4.000	4.000	1.500	7.000	-168.00	
		-3.000	2.000	1.500	3.500	-31.50	
		-2.000	2.000	1.167	2.000	-9.34	
	Deduction of door	-2.000	3.000	1.500	6.000	-54.00	
		-2.000	3.000	1.167	6.000	-42.01	
		-1.000	3.583	1.500	9.000	-48.37	
	Lakuda ko Thathi						
	Long wall	2.000	10.000	0.750	7.750	116.25	
	"	2.000	10.000	0.750	7.750	116.25	

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	Short wall	2.000	7.000	0.750	7.750	81.38		
	"	2.000	7.000	0.750	7.750	81.38		
	<b>At Peti</b>							
	long wall	2.000	13.000	1.500	0.500	19.50		
	short wall	2.000	10.000	1.500	0.500	15.00		
	Deduction of window	-1.000	2.000	1.500	3.000	-9.00		
	Deduction of door	-1.000	3.000	1.500	5.000	-22.50		
	<b>Baathpala Manu</b>							
	long wall	2.000	22.500	0.750	8.750	295.31		
	"	2.000	22.500	0.750	8.750	295.31		
	short wall	2.000	13.500	0.750	8.750	177.19		
	"	2.000	13.500	0.750	8.750	177.19		
	Deduction of window	-4.000	4.000	1.500	3.000	-72.00		
	Deduction of door	-2.000	3.500	1.500	6.000	-63.00		
	<b>At Peti</b>							
	long wall	2.000	25.500	1.500	0.500	38.25		
	short wall	2.000	16.500	1.500	0.500	24.75		
	<b>Steps works</b>							
	Steps	200.000	4.000	0.750	0.500	300.00		
	Steps Side wall	3.000	12.000	0.750	8.500	229.50		
	"	3.000	12.000	0.750	8.500	229.50		
	<b>Boundary Wall</b>							
	Boundary wall Temple	1.000	300.000	0.750	6.000	1350.00		164
	"	1.000	300.000	0.750	6.000	1350.00		
	Gate	3.000	35.000	0.750	8.500	669.38		
	"	3.000	35.000	0.750	8.500	669.38		
					<b>Total</b>	<b>9135.76</b>	<b>Cu.ft</b>	<b>10485.76</b>
<b>8.00</b>	<b>Nepali Hardwood work for beam,joist,column etc.</b>							
	<b>Dhandar Masta Manu</b>							
	Wall Plate							
	Long wall inner and outer side	8.000	48.500	0.250	0.333	32.30		
	"	8.000	36.500	0.250	0.333	24.31		
		8.000	27.000	0.250	0.333	17.98		
	Short wall inner and outer side	16.000	15.750	0.250	0.333	20.98		
		24.000	18.750	0.250	0.333	37.46		
		6.000	11.000	0.250	0.333	5.49		
	Tie beam	2.000	23.750	1.500	0.500	35.63		
	King post	6.000	7.667	0.500	0.500	11.50		
	Lakashi	2.000	15.750	1.333	1.000	41.99		
	Tham	4.000	7.500	0.583	0.667	11.67		
	Nidal	2.000	17.000	0.833	0.667	18.89		
	King post	6.000	7.667	0.500	0.500	11.50		
	Ridge beam	3.000	51.500	0.333	0.417	21.45		
	Rafter	68.000	16.333	0.250	0.333	92.46		
	Chukul	400.000	2.000	0.167	0.083	11.09		
	Kopu	12.000	3.500	0.417	0.333	5.83		
	Kopu 1	9.000	2.500	0.417	0.333	3.12		
	Kopu 2	12.000	4.500	0.417	0.333	7.50		
	Kopu 3	15.000	4.083	0.417	0.333	8.50		
	Twakal	80.000	0.750	0.250	0.333	5.00		

	Tudal	80.000	2.500	0.250	0.167	8.35		
	<b>Lakuda ko Thathi</b>							
	Wall Plate	32.000	10.000	0.250	0.333	26.64		
	Wall post	8.000	6.500	0.417	0.500	10.84		
	Tie beam	2.000	9.500	0.500	0.667	6.34		
	King post	1.000	3.500	0.500	0.500	0.88		
	"	4.000	3.000	0.333	0.417	1.67		
	Rafter	24.000	7.500	0.250	0.333	14.99		
		4.000	8.833	0.250	0.333	2.94		
	Chukul	200.000	2.000	0.167	0.083	5.54		
	Kopu	3.000	3.500	0.417	0.333	1.46		
	Kopu	3.000	2.500	0.417	0.333	1.04		
	Twakal	24.000	0.750	0.250	0.333	1.50		
	Tudal	24.000	2.500	0.250	0.167	2.51		
	<b>Baathpala Manu</b>							
	Wall Plate							
	Long wall inner and outer side	16.000	22.500	0.250	0.333	29.97		
	Short wall inner and outer side	16.000	16.500	0.250	0.333	21.98		
	Tie beam	2.000	16.500	0.500	0.667	11.01		
	King post	9.000	5.500	0.500	0.500	12.38		
	Lakashi	1.000	19.500	0.667	0.833	10.83		
	Tham	1.000	7.000	0.583	0.667	2.72		
	Nidal	1.000	16.000	0.400	0.400	2.56		
	Ridge Beam	3.000	26.500	0.333	0.417	11.04		
	Rafter	36.000	13.000	0.250	0.333	38.96		
	Chukul	200.000	2.000	0.167	0.083	5.54		
	Kopu	6.000	4.000	0.417	0.333	3.33		
	Kopu	12.000	4.500	0.417	0.333	7.50		
	Twakal	44.000	0.750	0.250	0.333	2.75		
	Tudal	44.000	2.500	0.250	0.167	4.59		
	Extra for unseen work					30.00		
					<b>Total</b>	<b>195.16</b>	<b>Cu.ft</b>	
<b>9.00</b>	<b>Nepali Salwood work for beam,joist,column etc.</b>							
	<b>Dhandar Masta Manu</b>							
	Nagol wood	68.000	16.000	0.208	0.208	47.07		
	<b>Door</b>							
	Horizontal frame	16.000	3.500	0.333	0.417	7.78		
	Verticle frame	16.000	6.000	0.333	0.417	13.33		
	<b>Window</b>							
	Horizontal frame 1	20.000	2.500	0.333	0.250	4.16		
	Vertical frame 1	20.000	2.000	0.333	0.250	3.33		
	Horizontal frame 2	8.000	4.000	0.333	0.250	2.66		
	Vertical frame 2	8.000	3.000	0.333	0.250	2.00		
	Horizontal frame 3	10.000	3.583	0.333	0.250	2.98		
	Vertical frame 3	10.000	3.000	0.333	0.250	2.50		
	Lakashi for verandha	1.000	48.600	0.667	0.500	16.21		
	"	1.000	23.750	0.667	0.500	7.92		
	Dalin for verandha	1.000	48.600	0.500	0.500	12.15		
	"	1.000	23.750	0.500	0.500	5.94		
	Tham	20.000	8.500	0.500	0.500	42.50		

Prepared by:

Checked by:

Approved by:

	Meyth	20.000	3.000	0.500	0.500	15.00		
	<b>Lakuda ko Thathi</b>							
	<b>Door</b>							
	Horizontal frame	4.000	3.500	0.333	0.417	1.94		
	Verticle frame	4.000	5.000	0.333	0.417	2.78		
	<b>Window</b>							
	Horizontal frame	4.000	2.500	0.333	0.250	0.83		
	Verticle frame	4.000	3.500	0.333	0.250	1.17		
	<b>Baathpala Manu</b>							
	Nagol wood	36.000	12.500	0.208	0.208	19.47		
	<b>Door</b>							
	Horizontal frame	8.000	4.000	0.333	0.417	4.44		
	Verticle frame	8.000	6.000	0.333	0.417	6.67		
	<b>Window</b>							
	Horizontal frame	16.000	4.500	0.333	0.250	5.99		
	Verticle frame	16.000	3.500	0.333	0.250	4.66		
					<b>Total</b>	<b>233.48</b>	<b>Cu.ft</b>	
<b>10.00</b>	<b>38mm Nepali sal wood for door &amp; window shutter work with dila &amp; khappa.</b>							
	Door at Dhandar Masta Manu	4.000	2.333		5.333	49.77		
	Door at Lakuda ko Thathi	1.000	2.333		4.333	10.11		
	Door at Baathpala Manu	2.000	2.833		5.333	30.22		
					<b>Total</b>	<b>90.10</b>	<b>Sq.ft</b>	

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11.00	Carved salwood Lattice (jali) shutter of Carved door /window including wood.							
	Dhandar Masta Manu	4.000	4.000		3.000	48.00		
	"	5.000	3.583		3.000	53.75		
	"	5.000	2.500		2.000			
	"	2.000	89.250			178.50		
	Lakuda ko Thathi	1.000	3.500		2.500	8.75		
	Baathpala Manu	4.000	3.500		4.500	63.00		
	"	2.000	58.457			116.91		
					Total	468.91	Sq.ft	
12.00	1"thick Nepali Local Hardwood planking works with three side plainning not < 4" width.							
	Dhandar Masta Manu							
	For Roofing	2.000	54.500		16.667	1816.70		
	Lakuda ko Thathi							
	For Roofing	4.000	32.986			131.94		
	Baathpala Manu							
	For Roofing	2.000	28.500		13.500	769.50		
					Total	2718.14	Sq.ft	
13.00	Single layers of plastic felt laying on roofing with bitumen.							
	Lakuda ko Thathi	4.000	32.986			131.94		
					Total	131.94	Sq.ft	
14.00	Slate laying on roof as per instruction of site Engineer.							
	Lakuda ko Thathi	4.000	32.986			131.94		
					Total	131.94	Sq.ft	
15.00	22 gauge Copper plate making and fixing on roof.							
	Dhandar Masta Manu							
	For Roofing	2.000	54.500		16.667	1816.70		
	For Ridge	1.000	54.500		2.000	109.00		
	For Nagol	68.000	16.000		0.667	725.70		
	Baathpala Manu							
	For Roofing	2.000	28.500		13.500	769.50		
	For Ridge	1.000	28.500		2.000	57.00		
	For Nagol	36.000	12.500		0.667	300.15		
					Total	3778.05	Sq.ft	

Prepared by:

Checked by:

Approved by:

16.00	1.5" thick Eaves Board of Sal wood with three side plaining							
	Dhandar Masta Manu							
	Long wall	2.000	55.000		0.500	55.00		
	Short wall	4.000	16.833		0.500	33.67		
	Lakudha ko Thati							
	Long and Short wall	4.000	15.167		0.500	30.33		
	Baathpala Manu							
	Long wall	2.000	29.000		0.500	29.00		
	Short wall	4.000	14.000		0.500	28.00		
					Total	176.00	Sq.ft	
17.00	Wooden Column medium carving work excluding wood.							
	Tham	20.000	8.500		0.500	85.00		
	Meyth	20.000	3.000		0.500	30.00		
	Dalin for verandha	1.000	48.600		0.500	24.30		
	"	1.000	23.750		0.500	11.88		
					Total	151.18	Sq.ft	
18.00	25 to 37.5 mm thick Flag Stone laying in mud mortar.							
	Dhandar Masta Manu							
	Flagstone paving for flooring	1.000	29.000	30.000		870.00		
	Lakudha ko Thati							
	Flagstone paving for flooring	1.000	7.000	8.000		56.00		
	Baathpala Manu							
	Flagstone paving for flooring	1.000	19.000	15.000		285.00		
	Parisar							
	Flagstone paving for parisar	1.000	85.000	90.000		7650.00		
	Boundary Wall							
	Boundary wall at top	1.000	450.000	1.500		675.00		
	Gate at top	3.000	35.000	1.500		157.50		
					Total	9693.50	Sq.ft	
19.00	Single bamboo Scaffolding works.							
		2.000	50.000		15.000	1500.00		
					Total	1500.00	Sq.ft	
20.00	Site Clerance before and after the completion of works.	5.000				5.00	Job	
21	One side Dressed (Ashlar masonry) stone wall with chisel finishing in 1:6 Cement Sand mortar							
	For Boundary Wall	1	50.00	0.45	1.8	40.5		
						40.5	M3	

Prepared by:

Checked by:

Approved by: