

Project: काठमाडौं महानगरपालिका अन्तर्गतका सरकारी विद्यालयमा शिक्षा विभाग द्वारा टेस्क ब्यान्ड खरिद कार्यक्रम (दुवानी सहित)

S.No.	Description of Goods	Unit	Rate (Nrs)
	Provisional Sum	LS	
1	(Supply, Delivery and Installation) 1.1: STUDENT BENCH (3 SEATER)(Grade:6-12) B-02C Size: 1500L x 3508 x 450H Top Board: 19mm thick Plywood with 1mm Laminated top and 10mm pine wood edge lipping all around, enamel painted; Foot Rest: 25x40x1.5mm MS Square Pipe; Frame: 25x25x1.5mm MS Square Pipe; powder coated finish with rubber shoe, all complete.	Nos	3959
2	(Supply, Delivery and Installation) 1.2: STUDENT DESK (3 SEATER)(Grade:6-12) D-02B Size: 1500L x 4008 x 740H Top Board: 19mm thick Plywood with 1mm Laminated top and 10mm pine wood edge lipping all around, enamel painted; Foot Rest: 25x40x1.5mm MS Square Pipe; Frame: 25x25x1.5mm MS Square Pipe; powder coated finish with rubber shoe, all complete.	Nos	6909
3	(Supply, Delivery and Installation) 1.3: STUDENT DESK (2 SEATER)(Grade: 6-12) D-01C Size: 1000L x 4008 x 740H Top Board: 19mm thick Plywood with 1mm Laminated top and 10mm pine wood edge lipping all around enamel painted; Foot Rest: 25x40x1.5mm MS Square Pipe; Frame: 25x25x1.5mm MS Square Pipe with book rack made of 16 gauge metal sheet; powder coated finish with rubber shoe, all complete.	Nos	5008
4	(Supply, Delivery and Installation) 1.4: STUDENT BENCH (2 SEATER)(Grade: 6-12) B-01C, Size: 1000L x 3508 x 450H Top Board: 19mm thick Plywood with 1mm Laminated top and 10mm polished pine wood edge lipping all around, enamel painted; Foot Rest: 25x40x1.5mm MS Square Pipe; Frame: 25x25x1.5mm MS Square Pipe; powder coated finish with rubber shoe, all complete	Nos	2873
5	(Supply, Delivery and Installation) 1.5: STUDENT DESK (Grade:1-5) (2 SEATER) D-01B Size: 1000L x 4008 x 690H Top Board: 19mm thick Plywood with 1mm Laminated top and 10mm pine wood edge lipping all around enamel painted; Foot Rest: 25x40x1.5mm MS Square Pipe; Frame: 25x25x1.5mm MS Square Pipe with book rack made of 16 gauge metal sheet; powder coated paint finish with rubber shoe, all complete.	Nos	4873
6	(Supply, Delivery and Installation) 1.6: STUDENT BENCH (G1-5) (2 SEATER) B-01B Size: 1000L x 3508 x 400H Top Board: 19mm thick Plywood with 1mm Laminated top and 10mm pine wood edge lipping all around enamel painted; Foot Rest: 25x40x1.5mm MS Square Pipe; Frame: 25x25x1.5mm MS Square Pipe; powder coated paint finish with rubber shoe, all complete.	Nos	2822

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Kathmandu Metropolitan City
Education Department

Abstract of Cost

FY-2082/83

S.No.	Description of Work	Unit	Quantity	Rate	Amount	Remarks
A.	THREE SEATER BENCH (6-12)					
1	Metal Frame Pipes	Kg	8.892	209.89	1866.34	Item no 294
2	Bolting Plate	Kg	1.206	209.89	253.13	Item no 287
3	19mm Thick Plywood (Best Quality)	Sq.ft	5.649	128.8	727.59	Item no 294 ktm dist rate page 25 (+15% for overhead)
4	1 mm laminated Top	Sq.m	0.525	1223.77	642.48	Item no 124
5	10mm Enamel Paint Finish Pine Wood Edge	Rft	12.136	17.25	209.35	Item no 224 ktm dist rate page 26 (+15% for overhead)
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works	Sq.m	0.148	393.79	58.28	Item no 207
7	Metal Frame (two coat Redoxide Paint)	Sq.m	0.85	238.33	202.58	Item no 224
	Total				3959.75	
B.	Three Seater Desk (6-12)					
1	Metal Frame Pipes	Kg	14.582	209.89	3057.59	Item no 294
2	Bolting Plate	Kg	1.206	209.89	253.13	Item no 287
3	19mm Thick Plywood (Best Quality)	Sq.ft	5.649	128.8	727.59	Item no 294 ktm dist rate page 25 (+15% for overhead)
4	1 mm laminated Top	Sq.m	0.525	1223.77	642.48	Item no 124
5	10mm Enamel Paint Finish Pine Wood Edge	Rft	12.136	17.25	209.35	Item no 224 ktm dist rate page 26 (+15% for overhead)
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works	Sq.m	0.148	393.79	58.28	Item no 207
7	16 Gauge Metal Sheet Welded to Metal Frame	kg	7.649	209.89	1605.45	Item no 294
8	Metal Frame (two coat Redoxide Paint)	Sq.m	1.39	238.33	331.28	Item no 224
	Total				6909.16	

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Project: Supply and Delivery of Desk and Bench in Public Schools

Location:

FY: 2082/83

SN	Description of Work	No	Dimensions			Quantity	Unit	Remarks
			Length	Breadth	Height			
THREE SEATER BENCH (Class 6-A 12)								
1	Metal Frame Pipes							
	25x25x1500							
	Horizontal							
	Long (X)	2	1.45	1.107 Kg/m		3.21		Using App Calculation
	Short (Y)	6	0.25	1.107 Kg/m		1.661		Using App Calculation
	Vertical	4	0.43	1.107 Kg/m		1.904		Using App Calculation
	25x40x1500 (Foot Rest)	1	1.45	1.4601 kg/m		2.117		Using App Calculation
				Total		8.892	Kg	
2	Bolting plate (24x40)	8	0.04	0.024	0.02	1.206		
				Total		1.206	Kg	
3	19 mm Thick Plywood	1	1.5	0.35		0.525		
				Total		0.525	Sq.m	
						5.649	Sq.ft	
4	1 mm Laminated Top	1	1.5	0.35		0.525	Sq.m	
10mm Enamel Paint Finish								
5	Pine Wood Edge							
	Long (X)	2	1.5			3		
	Short (Y)	2	0.35			0.7		
				Total		3.7	Rm	
						12.136	Rft	
10mm Enamel Paint Finish								
6	Pine Wood Edge							
	Long (X)	2	1.5	0.04		0.12		
	Short (Y)	2	0.35	0.04		0.028		
				Total		0.148	Sq.m	
7	Metal Frame (two coat Redoxide Paint)							
	Metal Frame Pipes							
	25x25x1500							
	Horizontal							
	Long (X)	2	1.45	0.1		0.29		
	Short (Y)	6	0.25	0.1		0.15		
	Vertical	4	0.43	0.1		0.17		
	25x40x1500 (Foot Rest)	1	1.45	0.13		0.19		
	Bolting plate (24x40)	8	0.04	0.08		0.03		2% additional for minor projections
				Total		0.85	Sq.m	
THREE SEATER DESK (Class 6-A 12)								

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Kathmandu Metropolitan City					
Education Department					
Abstract of Cost					
FY-2082/83					
S.No.	Description of Work	Unit	Quantity	Rate	Amount
A.	TWO SEATER BENCH (6-12)				
1	Metal Frame Pipes	Kg	6.778	209.89	1422.63 Item no 294
2	Bolting Plate	Kg	0.904	209.89	189.74 Item no 287
3	19mm Thick Plywood (Best Quality)	Sq.ft	3.766	128.8	485.06 ktm dist rate page 25 (+15% for overhead)
4	1 mm laminated Top	Sq.m	0.35	1223.77	428.32 Item no 124
5	10mm Enamel Paint Finish Pine Wood Edge	Rft	8.856	17.25	152.77 ktm dist rate page 26 (+15% for overhead)
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works	Sq.m	0.108	393.79	42.53 Item no 207
7	Metal Frame (two coat Redoxide Paint)	Sq.m	0.64	238.33	152.53 Item no 224
	Total				2873.58
B.	TWO SEATER DESK (6-12)				
1	Metal Frame Pipes	kg	11.085	209.89	2306.43 Item no 294
2	Bolting Plate	kg	0.904	209.89	189.74 Item no 287
3	19mm Thick Plywood (Best Quality)	Sq.ft	3.766	128.8	485.06 ktm dist rate page 25 (+15% for overhead)
4	1 mm laminated Top	Sq.m	0.35	1223.77	428.32 Item no 124
5	10mm Enamel Paint Finish Pine Wood Edge	Rft	8.856	17.25	152.77 ktm dist rate page 26 (+15% for overhead)
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works	Sq.m	0.108	393.79	42.53 Item no 207
7	16 Gauge Metal Sheet Welded to Metal Frame	kg	5.011	209.89	1051.76 Item no 294
8	Metal Frame (two coat Redoxide Paint)	Sq.m	1.39	238.33	331.28 Item no 224
	Total				5008.09

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Kathmandu Metropolitan City							
Education Department							
Detailed Estimate							
Project: Supply and Delivery of Desk and Bench in Public Schools							
SN	Description of Work	No	Dimensions		Quantity	Unit	Remarks
			Length	Breadth	Height		
A	TWO SEATER BENCH (Class 6-12)						
	1 Metal Frame Pipes						
	25x25x1000						
	Horizontal						
	Long (X)	2	0.95	1.107 Kg/m	2.103		Using App Calculation
	Short (Y)	5	0.25	1.107 Kg/m	1.384		Using App Calculation
	Vertical	4	0.43	1.107 Kg/m	1.904		Using App Calculation
	25x40x1.5 (Foot Rest)	1	0.95	1.4601 kg/m	1.387		Using App Calculation
				Total	6.778	Kg	
2	Bolting plate (24x40)	6	0.04	0.024	0.02	0.904	
				Total	0.904	Kg	
3	19 mm Thick Plywood	1	1	0.35		0.35	
				Total	0.35		
4	1 mm Laminated Top	1	1	0.35		3.766	Sq.ft
						0.35	Sq.m
5	10mm Enamel Paint Finish Pine Wood Edge						
	Long (X)	2	1		2		
	Short (Y)	2	0.35		0.7		
				Total	2.7	Rm	
					8.856	Rft	
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works						
	Long (X)	2	1	0.04	0.08		
	Short (Y)	2	0.35	0.04	0.028		
				Total	0.108	Sq.m	
7	Metal Frame (two coat Redoxide Paint)						
	Metal Frame Pipes						
	25x25x1500						
	Horizontal						
	Long (X)	2	0.95	0.1	0.19		
	Short (Y)	5	0.25	0.1	0.13		
	Vertical	4	0.43	0.1	0.17		
	25x40x1500 (Foot Rest)	1	0.95	0.13	0.12		
	Bolting plate (24x40)	6	0.04	0.08	0.02		
				Total	0.64	Sq.m	2% additional for minor projections
A	TWO SEATER DESK (Class 6-12)						

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Kathmandu Metropolitan City

Education Department

Abstract of Cost

FY:2082/83

S.No.	Description of Work	Unit	Quantity	Rate	Amount	Remarks
A. TWO SEATER BENCH (1-5)						
1	Metal Frame Pipes	Kg	6.557	209.89	1376.25	Item no 294
2	Bolting Plate	Kg	0.904	209.89	189.74	Item no 287
3	19mm Thick Plywood (Best Quality)	Sq.ft	3.766	128.8	485.06	Item no 294 ktm dist rate page 25 (+15% for overhead)
4	1 mm laminated Top	Sq.m	0.35	1223.77	428.32	Item no 124
5	10mm Enamel Paint Finish Pine Wood Edge	Rft	8.856	17.25	152.77	ktm dist rate page 26 (+15% for overhead)
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works	Sq.m	0.108	393.79	42.53	Item no 207
7	Metal Frame (two coat Redoxide Paint)	Sq.m	0.62	238.33	147.76	Item no 224
	Total				2822.43	
B. TWO SEATER DESK (1-5)						
1	Metal Frame Pipes	kg	10.864	209.89	2280.14	Item no 294
2	Bolting Plate	kg	0.904	209.89	189.74	Item no 287
3	19mm Thick Plywood (Best Quality)	Sq.ft	3.766	128.8	485.06	Item no 294 ktm dist rate page 25 (+15% for overhead)
4	1 mm laminated Top	Sq.m	0.35	1223.77	428.32	Item no 124
5	10mm Enamel Paint Finish Pine Wood Edge	Rft	8.856	17.25	152.77	ktm dist rate page 26 (+15% for overhead)
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works	Sq.m	0.108	393.79	42.53	Item no 207
7	16 Gauge Metal Sheet Welded to Metal Frame	kg	5.011	209.89	1051.76	Item no 294
8	Metal Frame (two coat Redoxide Paint)	Sq.m	1.02	238.33	243.1	Item no 224
	Total				4873.52	

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Education Department

Detailed Estimate

Project: Supply and Delivery of Desk and Bench in Public Schools

Project: Supply and Delivery of Desk and Bench for Class 1-5									
SN	Description of Work	No	Dimensions			Quantity	Unit	Remarks	
			Length	Breadth	Height				
A TWO SEATER BENCH (Class 1-5)									
1	Metal Frame Pipes								
	25x25x1000								
	Horizontal								
	Long (X)	2	0.95	1.107 Kg/m		2.103		Using App Calculation	
	Short (Y)	5	0.25	1.107 Kg/m		1.384		Using App Calculation	
	Vertical	4	0.38	1.107 Kg/m		1.683		Using App Calculation	
	25x40x1.5 (Foot Rest)	1	0.95	1.4601 kg/m		1.387		Using App Calculation	
				Total		6.557	Kg		
2	Bolting plate (24x40)	6	0.04	0.024	0.02	0.904			
				Total		0.904	Kg		
3	19 mm Thick Plywood	1	1	0.35		0.35			
				Total		0.35	Sq.m		
						3.766	Sqft		
4	1 mm Laminated Top	1	1	0.35		0.35			
						0.35	Sq.m		
5 10mm Enamel Paint Finish									
	Pine Wood Edge								
	Long (X)	2	1			2			
	Short (Y)	2	0.35			0.7			
				Total		2.7	Rm		
						8.856	Rft		
6 10mm Enamel Paint Finish									
	Pine Wood Edge Painting								
	Long (X)	2	1	0.04		0.08			
	Short (Y)	2	0.35	0.04		0.028			
				Total		0.108	Sq.m		
7 Metal Frame (two coat Redoxide Paint)									
	Metal Frame Pipes								
	25x25x1500								
	Horizontal								
	Long (X)	2	0.95	0.1		0.19			
	Short (Y)	5	0.25	0.1		0.13			
		4	0.38	0.1		0.15			
	Vertical								
	25x40x1500 (Foot Rest)	1	0.95	0.13		0.12			
	Bolting plate (24x40)	6	0.04	0.08		0.02		2% additional for minor projections	
				Total		0.62	Sq.m		

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A	TWO SEATER DESK (Class 1-5)									
1	Metal Frame Pipes									
	25x25x1000									
	Horizontal									
	Long (X)	4	0.95	1.107 Kg/m	4.207					Using App Calculation
	Short (Y)	5	0.3	1.107 Kg/m	1.661					Using App Calculation
	Down (Z)	4	0.145	1.107 Kg/m	0.642					
	Vertical									
	25x40x1.5 (Foot Rest)	4	0.67	1.107 Kg/m	2.967					Using App Calculation
		1	0.95	1.4601 kg/m	1.387					Using App Calculation
				Total	10.864	Kg				
2	Bolting plate (24x40)									
		6	0.04	0.024	0.02					
				Total	0.904	Kg				
3	19 mm Thick Plywood									
		1	1	0.35	0.35					
				Total	0.35	Sq.m				
4	1 mm Laminated Top									
		1	1	0.35	0.35					
						3.766	Sq.Ft			
						0.35	Sq.m			
5	10mm Enamel Paint Finish Pine Wood Edge									
	Long (X)	2	1			2				
	Short (Y)	2	0.35			0.7				
				Total		2.7	Rm			
						8.856	Rft			
6	10mm Enamel Paint Finish Pine Wood Edge Painting Works									
	Long (X)	2	1	0.04	0.08					
	Short (Y)	2	0.35	0.04	0.028					
				Total	0.108	Sq.m				
7	16 Gauge Metal Sheet Welded to Metal Frame									
	Hx.	1	0.95	0.25	0.0016	2.983				7850kg/m
	Vr.	1	0.95	0.17	0.0016	2.028				7850kg/m
				Total	5.011	Kg.				
8	Metal Frame (two coat Redoxide Paint)									
	Metal Frame Pipes									
	25x25x1500									
	Horizontal									
	Long (X)	4	0.95	0.1	0.38					
	Short (Y)	5	0.3	0.1	0.15					
	Down (Z)	4	0.145	0.1	0.06					
	Vertical									
		4	0.67	0.1	0.27					
	25x40x1500 (Foot Rest)	1	0.95	0.13	0.12					
	Bolting plate (24x40)	6	0.04	0.08	0.02					2% additional for minor projections
				Total	1.02	Sq.m				

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