

No. 814

Breakdown of Unit Price

Work : Expansion joint, for pedestrian bridge

Unit price : F/C 342.00 US\$/lin.m L/C 46.00 US\$/lin.m
 (Total 388.00 equiv.US\$/lin.m)

Remarks :
10 m basis

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	1.00		0.00	10.00	10.00
b) Skilled labor		m.d.	5.00		0.00	6.74	33.70
c) Common Labor		m.d.	5.00		0.00	4.70	23.50
sub-total 1					0.00		67.20
2 Material							
a) Expansion joint	pedestrian	lin.m	10.00	271.18	2,711.80	30.14	301.40
b) Miscellaneous	5%	L.S.	1.00		135.59		15.07
sub-total 2					2,847.39		316.47
3 Overhead	20%	L.S.	1.00		569.48		76.73
Total for	10 m				3,416.87		460.40
Unit price					342.00		46.00

No. 815

Breakdown of Unit Price

Work :	Guard rail, concrete post					
Unit price :	F/C	3.09	US\$/m	L/C	2.07	US\$/m
	(Total	5.16 equiv.US\$/m)				
Remarks :	100 m basis	3 m interval				
	0.067 cu.m/no. basis					

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1	Concrete, type 2	cu.m	2.23	61.06	136.16	27.66	61.68
	(Ref.to No.502)						
2	Formwork, F2	sq.m	9.40	2.54	23.88	8.75	82.25
	(Ref.to No.507-2)						
3	Reinforcing bars	kg	223.00	0.54	120.42	0.20	44.60
	(Ref.to No.508)						
4	Installation	L.S.	1.00		28.05		18.85
	10% (10% of 1 to 3)						
Total for 100 m					308.51	207.38	
Unit price for 1 m					3.09	2.07	

No. 816

Breakdown of Unit Price

Work : Demolishing, hauling and disposing steel members

Unit price : F/C 16.60 US\$/ton L/C 46.20 US\$/ton
 (Total 62.80 equiv.US\$/ton)

Remarks : Hauling distance : 15,000 m 4 ton basis

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	2.00		0.00	9.28	18.56
b) Operator A		m.d.	0.65		0.00	10.60	6.89
c) Operator B		m.d.	0.45		0.00	7.28	3.28
d) Welder		m.d.	8.00		0.00	9.28	74.24
e) Common labor		m.d.	8.00		0.00	4.64	37.12
sub-total 1					0.00		140.09
2 Material							
a) Light oil		lit.	46.40	0.16	7.42	0.04	1.86
b) Lubricant	20 % of a)	L.S.	1.00		1.48		0.37
sub-total 2					8.90		2.23
3 Equipment							
a) Truck crane hyd.	15 t	hr	3.00	13.34	40.02	3.33	9.99
b) Dump truck	8 t	hr	1.36	4.90	6.66	1.23	1.67
sub-total 3					46.68		11.66
4 Overhead	20%	L.S.	1.00		11.00		31.00
Total for	4 ton basis				66.58		184.98
Unit price for 1 ton					16.60		46.20

No. 901		Breakdown of Unit Price					
Work :		Furnishing and installing traps					
Unit price :		F/C 0.57 USS/kg		L/C 0.35 USS/kg			
		(Total 0.92 equiv.USS/kg)					
Remarks :		1 ton basis					
Particular	Description	Unit	Qty	F/C Portion (USS)		L/C Portion (USS)	
				Unit cost	Amount	Unit cost	Amount
1	Labor						
a)	Foreman	m.d.	1.00		0.00	9.28	9.28
b)	Mechanic	m.d.	5.00		0.00	7.28	36.40
c)	Welder	m.d.	10.00		0.00	7.28	72.80
d)	Steel worker	m.d.	15.00		0.00	7.28	109.20
	sub-total 1				0.00		227.68
2	Material						
a)	Reinforcing bar	deformed	kg	1,030.00	0.43	442.90	51.50
b)	Miscellaneous	3%	L.S.	1.00		13.29	1.55
	sub-total 2					456.19	53.05
3	Overhead	25%	L.S.	1.00		114.05	70.18
	Total for 1 ton					570.24	350.91
	Unit price for 1 kg					0.57	0.35

No. 902

Breakdown of Unit Price

Work : Furnishing and installing trashrack and accessories

Unit price : F/C 0.90 USS/kg L/C 0.56 USS/kg

(Total 1.46 equiv.USS/kg)

Remarks : 1,000 kg basis

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	4.00		0.00	9.28	37.12
b) Operator A		m.d.	2.00		0.00	10.60	21.20
c) Operator B		m.d.	2.00		0.00	7.28	14.56
d) Mechanic		m.d.	5.00		0.00	7.28	36.40
e) Welder		m.d.	10.00		0.00	7.28	72.80
f) Steel worker		m.d.	20.00		0.00	7.28	145.60
sub-total 1					0.00		327.68
2 Material							
a) Deformed bar		kg	1,050.00	0.43	451.50	0.05	52.50
b) Light oil		lit.	136.00	0.17	23.12	0.09	12.24
c) Lubricant	20% of b)	L.S.	1.00		4.62		2.45
d) Miscellaneous	5%	L.S.	1.00		23.96		3.36
sub-total 2					503.20		70.55
3 Equipment							
a) Tuck crane, hyd.	15 t	hr	16.00	13.34	213.44	3.33	53.28
sub-total 3					213.44		53.28
4 Overhead	25%	L.S.	1.00		179.16		112.88
Total					895.80		564.39
Unit price for 1 kg					0.90		0.56

No. 903

Breakdown of Unit Price

Work : Furnishing and installing steel mesh cover
 Unit price : F/C 2.48 US\$/kg L/C 0.99 US\$/kg
 (Total 3.47 equiv.US\$/kg)
 Remarks : 413.7 kg or 70 sq.m (=5.91 kg/sq.m x 7 sq.m/set) basis
10 sets 4.43 kg/m of angle steel

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1	Labor						
a)	Foreman	m.d.	3.00		0.00	9.28	27.84
b)	Operator A	m.d.	0.50		0.00	10.60	5.30
c)	Operator B	m.d.	0.50		0.00	7.28	3.64
d)	Mechanic	m.d.	4.00		0.00	7.28	29.12
e)	Welder	m.d.	8.00		0.00	7.28	58.24
f)	Steel worker	m.d.	15.00		0.00	7.28	109.20
	sub-total 1				0.00		233.34
2	Material						
a)	Expansion metal	sq.m	72.10	6.04	435.48	0.68	49.03
b)	Angle steel	kg	511.67	0.50	255.84	0.06	30.70
c)	Anchor bolt, M16	L=120mm pc.	100.00	0.67	67.00	0.08	8.00
d)	Light oil	lit.	34.00	0.16	5.44	0.04	1.36
e)	Lubricant	20 % of d) L.S.	1.00		1.09		0.27
f)	Miscellaneous	5% L.S.	1.00		38.24		4.47
	sub-total 2				803.09		93.83
3	Equipment						
a)	Tuck crane, hyd.	15 t hr	4.00	13.34	53.36	3.33	13.32
	sub-total 3				53.36		13.32
4	Overhead	20% L.S.	1.00		171.29		68.10
	Total for	413.7 kg			1,027.74		408.59
	Unit price for 1 kg				2.48		0.99

No. 904

Breakdown of Unit Price

Work : Galvanized steel pipe, diam. 1 1/4"

Unit price : F/C 0.93 USS/kg L/C 1.30 USS/kg
 (Total 2.23 equiv.USS/kg)

Remarks : 100 m basis or 3.38 kg/m 0.13416 sq.m/m
 338.00 kg basis

Particular	Description	Unit	Qty	F/C Portion (USS)		L/C Portion (USS)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	5.00		0.00	9.28	46.40
b) Mechanic		m.d.	10.00		0.00	7.28	72.80
c) Welder		m.d.	10.00		0.00	7.28	72.80
d) Steel worker		m.d.	20.00		0.00	7.28	145.60
sub-total 1					0.00		337.60
2 Material							
a) Steel pipe	diam. 1 1/4"	lin.m	103.000	2.22	228.66	0.25	25.75
b) Rust prevent paint		kg	2.950	1.33	3.92	0.15	0.44
c) Epoxy emulsion paint		kg	6.440	2.53	16.29	0.29	1.87
d) Miscellaneous	5%	L.S.	1.000		12.44		1.40
sub-total 2					261.31		29.46
3 Overhead	20%	L.S.	1.00		52.26		73.41
Total for	338.00 kg				313.57		440.47
Unit price for 1 kg					0.93		1.30

No. 905

Breakdown of Unit Price

Work: Galvanized steel pipe, diam. 3/4"

Unit price: F/C 1.24 US\$/kg L/C 1.59 US\$/kg
(Total 2.83 equiv.US\$/kg)

Remarks: 100 m basis or 1.68 kg/m 0.08546 sq.m/m
168.00 kg basis

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)		
				Unit cost	Amount	Unit cost	Amount	
1	Labor							
a)	Foreman	m.d.	3.00		0.00	9.28	27.84	
b)	Mechanic	m.d.	6.00		0.00	7.28	43.68	
c)	Welder	m.d.	6.00		0.00	7.28	43.68	
d)	Steel worker	m.d.	12.00		0.00	7.28	87.36	
	sub-total 1				0.00		202.56	
2	Material							
a)	Steel pipe	diam. 3/4"	lin.m	103.000	1.48	152.44	0.17	17.51
b)	Rust prevent paint		kg	1.880	1.33	2.50	0.15	0.28
c)	Epoxy emulsion paint		kg	4.100	2.53	10.37	0.29	1.19
d)	Miscellaneous	5%	L.S.	1.000		8.27		0.95
	sub-total 2					173.58		19.93
3	Overhead	20%	L.S.	1.00		34.72		44.50
	Total for	168.00 kg				208.30		266.99
	Unit price for 1 kg					1.24		1.59

No. 906

Breakdown of Unit Price

Work : Embedded metalwork

Unit price : F/C 0.73 US\$/kg L/C 0.41 US\$/kg
 (Total 1.14 equiv.US\$/kg)

Remarks : 1 ton basis

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	1.00	0.00		9.28	9.28
b) Mechanic		m.d.	5.00	0.00		9.28	46.40
c) Welder		m.d.	10.00	0.00		9.28	92.80
d) Steel worker		m.d.	15.00	0.00		7.28	109.20
sub-total 1					0.00		257.68
2 Material							
a) Angle steel		kg	1,030.00	0.50	515.00	0.06	61.80
b) Reinforcing bar	deformed	kg	100.00	0.43	43.00	0.05	5.00
c) Miscellaneous	5%	L.S.	1.00		27.90		3.34
sub-total 2					585.90		70.14
3 Overhead	25%	L.S.	1.00		146.48		81.96
Total for 1 ton					732.38		409.78
Unit price for 1 kg					0.73		0.41

No. 907

Breakdown of Unit Price

Work : Steel net fence, H=2.5m

Unit price : F/C 10.49 US\$/m2 L/C 2.21 US\$/m2

(Total 12.70 equiv.US\$/m2)

Remarks : 100 m basis or

250 sq.m basis

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	3.00		0.00	9.28	27.84
b) Mechanic		m.d.	5.00		0.00	7.28	36.40
c) Welder		m.d.	2.00		0.00	7.28	14.56
d) Steel worker		m.d.	20.00		0.00	7.28	145.60
sub-total 1					0.00		224.40
2 Material							
a) Angle steel		kg	184.58	0.90	166.12	0.06	11.07
b) Fence		lin.m	100.00	19.15	1,915.00	2.13	213.00
c) Miscellaneous	5%	L.S.	1.00		104.06		11.20
sub-total 2					2,185.18		235.27
3 Overhead	20%	L.S.	1.00		437.04		91.93
Total for	250 m2				2,622.22		551.60
Unit price for 1 m2					10.49		2.21

No. B-1

Breakdown of Unit Price

Work : Temporary bridge construction, steel

Unit price : F/C 207.16 US\$/sq.m L/C 37.81 US\$/sq.m

(Total 244.97 equiv.US\$/sq.m)

Remarks : 15 m basis (3 spans x 5m/span)

4 m in width basis

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	10.00		0.00	9.28	92.80
b) Operator A		m.d.	3.60		0.00	10.60	38.16
c) Operator B		m.d.	3.60		0.00	7.28	26.21
d) Steel worker		m.d.	30.00		0.00	7.28	218.40
e) Common labor		m.d.	60.00		0.00	4.64	278.40
sub-total 1					0.00		653.97
2 Material							
a) H-shape steel, pile	5 times use	ton	15.26	532.35	8,123.66	59.15	902.63
b) H-shape steel, beam	5 times use	ton	1.04	532.35	553.64	59.15	61.52
c) Angle steel	5 times use	kg	352.32	0.50	176.16	0.06	21.14
d) Steel checkered deck plate	5 times use	kg	21.24	0.69	14.66	0.08	1.70
e) Miscellaneous (a -c)	10%	L.S.	1.00		886.81		98.70
f) Light oil		lit.	1,834.80	0.16	293.57	0.04	73.39
g) Lubricant	20 % of f)	L.S.	1.00		58.71		14.68
sub-total 2					10,107.21		1,173.76
3 Equipment							
a) Hydraulic pile driver	4-5 t	hr	16.00	6.33	101.28	1.58	25.28
b) Truck crane, hyd.	15 t	hr	8.00	13.34	106.72	3.33	26.64
c) Diesel generator	20 kVA	day	6.00	7.10	42.60	1.78	10.68
sub-total 3					250.60		62.60
4 Overhead	20%	L.S.	1.00		2,071.56		378.07
Total for	60	sq.m			12,429.37		2,268.40
Unit Price					207.16		37.81

No. B-2

Breakdown of Unit Price

Work : Temporary bridge construction, concrete slab

Unit price : F/C 441.84 US\$/unit L/C 183.10 US\$/unit

(Total 624.94 equiv.US\$/unit)

Remarks : 1 unit basis (30 cm thick x 3 m long x 4 m wide)

3.6 cu.m basis

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Concrete, type 1		cu.m	3.60	62.89	226.40	28.44	102.38
	(Ref.to No.501)						
2 Formwork, F2		sq.m	12.90		0.00		0.00
	(Ref.to No.507-2)						
3 Reinforcing bars		kg	360.00	0.54	194.40	0.20	72.00
	(Ref to No.508)						
4 Installation	5%	L.S.	1.00		21.04		8.72
	(5% of 1 to 3)						
Total for	1 unit				441.84		183.10
Unit price for 1 unit					441.84		183.10

No. B-3

Breakdown of Unit Price

Work : Temporary relocation road
 Unit price : F/C 10.69 US\$/m² L/C 6.37 US\$/m²
 (Total 17.06 equiv.US\$/m²)
 Remarks : 100 m² basis

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1	Stripping (Ref.to No.212)	cu.m	100.00	0.86	86.00	0.47	47.00
2	Embankment (Ref.to No. 215)	sq.m	100.00	3.53	353.00	2.34	234.00
3	Sub-base course (Ref.to No. 601)	cu.m	20.00	6.30	126.00	2.80	56.00
4	Base course (Ref.to No. 602)	cu.m	15.00	9.60	144.00	4.00	60.00
5	Surface course (Ref.to No. 603-1)	sq.m	100.00	3.60	360.00	2.40	240.00
	Total for 100 m ² basis				1,069.00		637.00
	Unit price for 1 m ²				10.69		6.37

No. B-4

Breakdown of Unit Price

Work: Care of water for bridge construction, Package 1

Unit price: F/C 4,987.00 US\$/L.S. L/C 4,060.00 US\$/L.S.
 (Total 9,047.00 equiv.US\$/L.S.)

Remarks: 1 day basis for one site
10 days per unit in principal

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	0.20		0.00	9.28	1.86
b) Mechanic		m.d.	0.20		0.00	9.28	1.86
c) Common labor		m.d.	1.00		0.00	4.64	4.64
sub-total 1					0.00		8.36
2 Material							
a) Light oil		lit.	27.40	0.16	4.38	0.04	1.10
b) Lubricant	20 % of a)	L.S.	1.00		0.88		0.22
sub-total 2					5.26		1.32
3 Equipment							
a) Submersible pump	2 in	day	2.00	0.29	0.58	0.07	0.14
b) Submersible pump	4 in	day	2.00	0.95	1.90	0.24	0.48
c) Diesel generator	20 kVA	day	1.00	7.10	7.10	1.78	1.78
sub-total 3					9.58		2.40
4 Overhead	20%	L.S.	1.00		2.97		2.42
Total for dewatering per day					17.81		14.50
Unit Price							
Dewatering		day	280.00	17.81	4,987.00	14.50	4,060.00
10 days x	28	sites =	280.00	days			
Dewatering for Package 2		day	50.00	17.81	890.00	14.50	730.00
10 days x	5	sites =	50.00	days			
Dewatering for Package 3		day	230.00	17.81	4,100.00	14.50	3,340.00
10 days x	23	sites =	230.00	days			

No. B-5

Breakdown of Unit Price

Work: Care of water for bridge construction, Package 2

Unit price: F/C 891.00 US\$/L.S. L/C 725.00 US\$/L.S.

(Total 1,616.00 equiv.US\$/L.S.)

Remarks: 1 day basis for one site

10 days per unit in principal

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	0.20		0.00	9.28	1.86
b) Mechanic		m.d.	0.20		0.00	9.28	1.86
c) Common labor		m.d.	1.00		0.00	4.64	4.64
sub-total 1					0.00		8.36
2 Material							
a) Light oil		lit.	27.40	0.16	4.38	0.04	1.10
b) Lubricant	20 % of a)	L.S.	1.00		0.88		0.22
sub-total 2					5.26		1.32
3 Equipment							
a) Submersible pump	2 in	day	2.00	0.29	0.58	0.07	0.14
b) Submersible pump	4 in	day	2.00	0.95	1.90	0.24	0.48
c) Diesel generator	20 kVA	day	1.00	7.10	7.10	1.78	1.78
sub-total 3					9.58		2.40
4 Overhead	20%	L.S.	1.00		2.97		2.42
Total for dewatering per day					17.81		14.50
Unit Price							
Dewatering		day	50.00	17.81	891.00	14.50	725.00
10 days x	5	sites =	50.00 days				

No. B-6

Breakdown of Unit Price

Work : Care of water for bridge construction, Package 3

Unit price : F/C 4,096.00 US\$/L.S. L/C 3,335.00 US\$/L.S.

(Total 7,431.00 equiv.US\$/L.S.)

Remarks : 1 day basis for one site

10 days per unit in principal

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	0.20		0.00	9.28	1.86
b) Mechanic		m.d.	0.20		0.00	9.28	1.86
c) Common labor		m.d.	1.00		0.00	4.64	4.64
sub-total 1					0.00		8.36
2 Material							
a) Light oil		lit.	27.40	0.16	4.38	0.04	1.10
b) Lubricant	20 % of a)	L.S.	1.00		0.88		0.22
sub-total 2					5.26		1.32
3 Equipment							
a) Submersible pump	2 in	day	2.00	0.29	0.58	0.07	0.14
b) Submersible pump	4 in	day	2.00	0.95	1.90	0.24	0.48
c) Diesel generator	20 kVA	day	1.00	7.10	7.10	1.78	1.78
sub-total 3					9.58		2.40
4 Overhead	20%	L.S.	1.00		2.97		2.42
Total for dewatering per day					17.81		14.50
Unit Price							
Dewatering		day	230.00	17.81	4,096.00	14.50	3,335.00
10 days x	23	sites	230.00 days				

No. B-7

Breakdown of Unit Price

Work : Dewater for dump fill embankment, Package 2

Unit price : F/C 5,737.00 US\$/L.S. L/C 2,871.00 US\$/L.S.
 (Total 8,608.00 equiv.US\$/L.S.)

Remarks : 1 day basis for one site (100 m basis)
4 days per unit in principal

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	0.20		0.00	9.28	1.86
b) Mechanic		m.d.	0.20		0.00	9.28	1.86
c) Common labor		m.d.	1.00		0.00	4.64	4.64
sub-total 1					0.00		8.36
2 Material							
a) Light oil		lit.	76.80	0.16	12.29	0.04	3.07
b) Lubricant	20 % of a)	L.S.	1.00		2.46		0.61
sub-total 2					14.75		3.68
3 Equipment							
a) Submersible pump	2 in	day	2.00	0.29	0.58	0.07	0.14
b) Submersible pump	6 in	day	6.00	1.26	7.56	0.31	1.86
c) Diesel generator	60 kVA	day	1.00	10.31	10.31	2.58	2.58
sub-total 3					18.45		4.58
4 Overhead	20%	L.S.	1.00		6.64		3.32
Total for dewatering per day					39.84		19.94
Unit Price							
Dewatering		day	144.00	39.84	5,737.00	19.94	2,871.00
4 days x	36	sites =	144.00	days			

No. B-8

Breakdown of Unit Price

Work : Driving steel sheet pile,U-type II, W-400mm

Unit price : F/C 7.35 US\$/m2 L/C 2.64 US\$/m2

(Total 9.99 equiv.US\$/ m2)

Remarks : 50 nos. basis or 6 m pile

120.00 m basis with pile head treatment 0.40 m wide

Particular	Description	Unit	Qty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	1.00		0.00	9.28	9.28
b) Operator A		m.d.	2.40		0.00	10.60	25.44
c) Operator B		m.d.	2.40		0.00	7.28	17.47
d) Rigger		m.d.	2.00		0.00	9.28	18.56
e) Common labor		m.d.	2.00		0.00	4.64	9.28
sub-total 1					0.00		80.03
2 Material							
a) Light oil		lit.	82.40	0.16	13.18	0.04	3.30
b) Lubricant	20 % of a)	L.S.	1.00		2.64		0.66
sub-total 2					15.82		3.96
3 Equipment							
a) Self-climbing driver	90 t	hr	8.00	76.62	612.96	19.15	153.20
b) Self-climbing crane	7 t	hr	8.00	13.34	106.72	3.33	26.64
sub-total 3					719.68		179.84
4 Overhead	20%	L.S.	1.00		147.00		53.00
Total for	120 m2 basis				882.50		316.83
Unit price for 1 m					7.35		2.64

No. B-9

Breakdown of Unit Price

Work : Extracting steel sheet pile,U-type II, W-400mm

Unit price : F/C 4.90 US\$/m2 L/C 1.76 US\$/m2

(Total 6.66 equiv.US\$/ m2)

Remarks : 75 nos. basis or 6 m pile

180.00 m basis with pile head treatment 0.40 m wide

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a) Foreman		m.d.	1.00		0.00	9.28	9.28
b) Operator A		m.d.	2.40		0.00	10.60	25.44
c) Operator B		m.d.	2.40		*0.00	7.28	17.47
d) Rigger		m.d.	2.00		0.00	9.28	18.56
e) Common labor		m.d.	2.00		0.00	4.64	9.28
sub-total 1					0.00		80.03
2 Material							
a) Light oil		lit.	82.40	0.16	13.18	0.04	3.30
b) Lubricant	20 % of a)	L.S.	1.00		2.64		0.66
sub-total 2					15.82		3.96
3 Equipment							
a) Self-climbing driver	90 t	hr	8.00	76.62	612.96	19.15	153.20
b) Self-climbing crane	7 t	hr	8.00	13.34	106.72	3.33	26.64
sub-total 3					719.68		179.84
4 Overhead	20%	L.S.	1.00		147.00		53.00
Total for	180 m2 basis				882.50		316.83
Unit price for 1 m					4.90		1.76

No. B-10		Breakdown of Unit Price					
Work :		Driving steel sheet pile, YSPF, W-400mm					
Unit price :		F/C 4.61 US\$/m ²		L/C 1.63 US\$/m ²			
		(Total 6.24 equiv.US\$/ m ²)					
Remarks :		50 nos. basis or 9 m pile		180.00 m basis with pile head treatment		0.40 m wide	
Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1 Labor							
a)	Foreman	m.d.	1.00		0.00	9.28	9.28
b)	Operator A	m.d.	1.92		0.00	10.60	20.35
c)	Operator B	m.d.	1.92		0.00	7.28	13.98
d)	Rigger	m.d.	2.00		0.00	9.28	18.56
e)	Common labor	m.d.	2.00		0.00	4.64	9.28
	sub-total 1				0.00		71.45
2 Material							
a)	Light oil	lit.	76.00	0.16	12.16	0.04	3.04
b)	Lubricant	20 % of a)	L.S.	1.00		2.43	0.61
	sub-total 2					14.59	3.65
3 Equipment							
a)	Hydraulic pile driver	4-5 t	hr	8.00	76.62	612.96	19.15
b)	Truck crane, hyd.	15 t	hr	4.80	13.34	64.03	3.33
	sub-total 3					676.99	169.18
4 Overhead							
	20%	L.S.	1.00			138.00	49.00
Total for 180 m ² basis						829.58	293.28
Unit price for 1 m						4.61	1.63

No. B-11

Breakdown of Unit Price

Work : Furnishing steel sheet pile, U-type II, W=400mm

Unit price : F/C : 64.70 US\$/m2

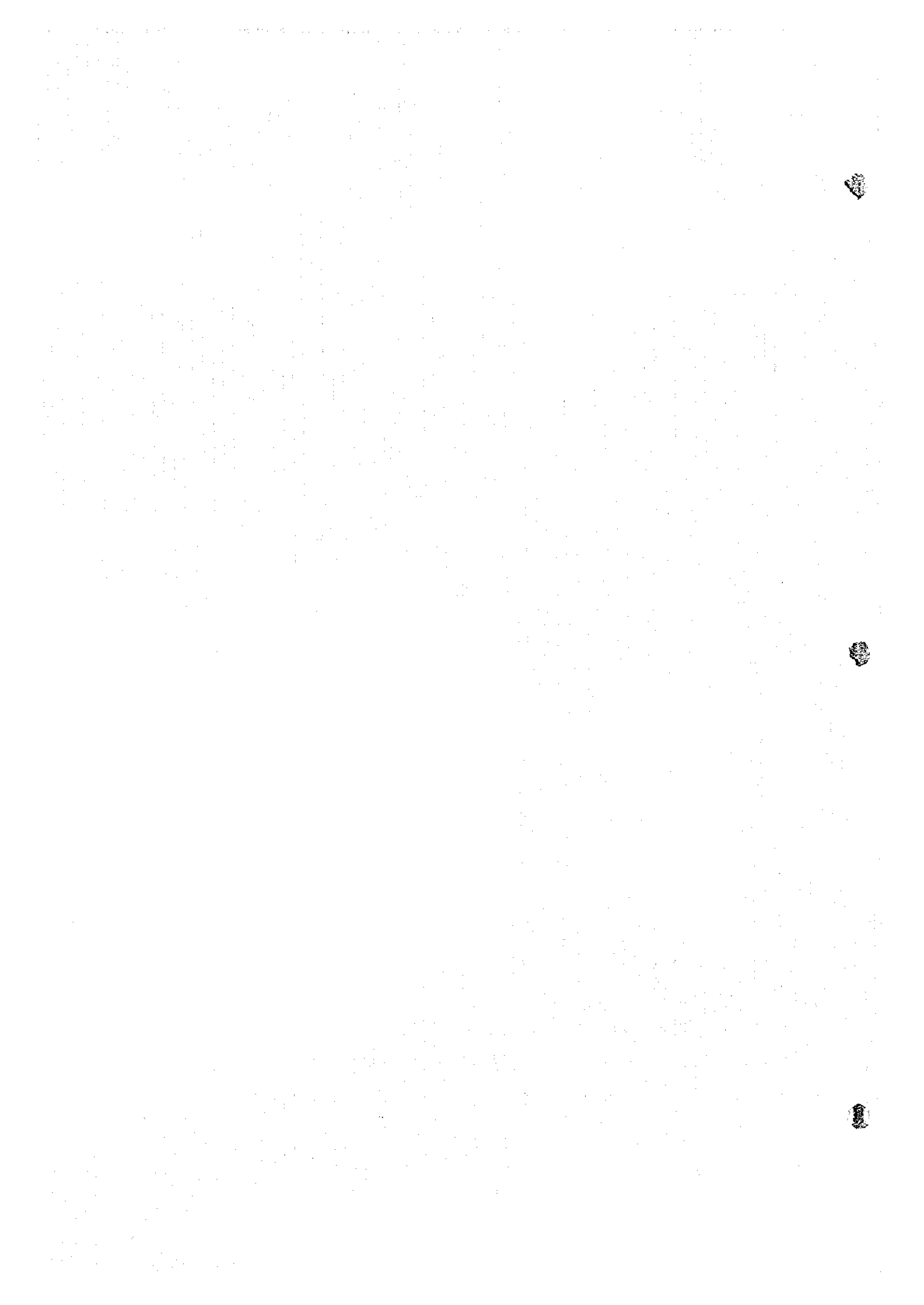
L/C : 7.20 US\$/m2

(Total) : 71.90 equiv.US\$/m2

Remarks : 1 m2 basis

Particular	Description	Unit	Q'ty	F/C Portion (US\$)		L/C Portion (US\$)	
				Unit cost	Amount	Unit cost	Amount
1	Material						
a)	Sheet pile, YSPF	W=400mm	sq.m	1.00	53.92	53.92	6.00
	sub-total					53.92	6.00
2	Overhead	20%				10.78	1.20
	Total for 1	sq.m				64.70	7.20
	Unit price for 1 no.					64.70	7.20





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