

Item No.	Total Cost											Rs.	per %		
	Local Component														
	Foreign Component														
	Taxes Component														
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp. Unit cost (Rs)	Local Comp. (Rs)	Foreign Comp. Unit cost (Rs)	Foreign Comp. (Rs)	Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	
3	Material Cost	(71%)													
	Aggregate	t	100	78	15,600	35%	5,460	65%	10,140	22%	3,432	79%	19%	2%	
	Bitumen	"	9	1,750	15,750	"	5,512	"	10,238	"	3,465	92%	8%	69	
	Miscellaneous	sum	10%		3,135	"	1,097	"	2,038	28%	878	92%	8%		
	S-total				34,485		12,069		22,416		7,775	6,707	99	69	
	Total				38,724		13,526		25,198		8,431	7,237	1,108	86	
4	Overhead	sum	20%		7,745	60%	4,647	40%	3,098	20%	1,549	70%		30%	
5	Profit	"	5%		1,931	100%	1,931			50%	966	1,084	966	465	
	G-total			(100%)	48,400	(42%)	20,104	(58%)	28,296	(23%)	10,946	8,321	2,074	551	
	per 1.0 m ²			(100%)	49	(43%)	21	(57%)	28	(22%)	11	(75%)	(20%)	(5%)	
	per 1.0 m ³				490		210		280		110	83	21	6	
	F.O.L Consumption			(Rs/h)											
	Asphalt finisher	h	3.5	15	52.5										
	Tire roller	"	2.0	19	38										
Remarks:															

Item No.	Asphalt Binder Course, 5 cm thick after compaction applied on prepared base course of main road carriageway										Total Cost		Rs. 50 per m ²	
											Local Component		38 %	
										Foreign Component		62 %		
										Taxes Component		18 %		
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)					
	Hourly working rate													
	(1) Asphalt finisher, 4.5 m													
	$Q = \frac{60}{T} \times a \times E = 8.9 \times 93.6 \times 0.2 = 120 \text{ (m}^2/\text{h)} = 6 \text{ (m}^3/\text{h)}$													
	(2) Tire roller													
	$Q = \frac{1000 \times V \times W \times H \times f \times E}{N}$													
	$1000 \times 2.5 \times 2.0 \times 0.05 \times 1.0 \times 0.4 = 10 \text{ (m}^3/\text{h)}$													
1	Equipment Cost													
	Asphalt finisher, 45 m	h	10	145	1,450	25%	362	75%	1,088	15%	218	82%	16%	2%
	Tire roller, 20 ton	"	10	70	700	"	175	"	525	"	105	"	"	"
	Asphalt plant, 70 ton/h	"	3	1,910	5,730	30%	1,719	70%	4,011	"	860	"	"	"
	Macadam roller, 12 ton	"	10	55	550	25%	138	75%	412	15%	83	82%	16%	2%
	Dump truck, 11 ton	"	15	50	750	40%	300	60%	450	28%	210	70%	28%	2%
	Miscellaneous	sum	20%		1,820	25%	455	75%	1,365	15%	273	82%	16%	2%
	S-total				11,000		3,149		7,851		1,749		306	35
2	Labour Cost													
	Class 3 Operator Asp. plant	h	50	5.5	275		275			2%	6			6
	" Operator others	"	45	"	248		248			2%	6			6
Remarks:														

Item No.	Total Cost											Rs.	per		
	Local Component													%	
	Foreign Component														%
	Taxes Component														
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost	(Rs)				
	Class 2 Foreman	h	20	7	140		140			3%	4			4	
	" 7 Unskilled labourer	"	100	3	300		300								
	S-total				963		963				16			16	
3	Material Cost				(56%)										
	Aggregate	t	120	78	9,360	35%	3,276	65%	6,084	22%	2,059	79%	1,391	19%	27
	Bitumen	"	7	1,750	12,250	22%	2,695	78%	9,555	7%	858	61%	283	33%	41
	Miscellaneous	sum	30%		6,500	35%	2,275	65%	4,225	22%	1,430	92%	8	8%	62
	S-total				28,110		8,246		19,864		4,347	1,316	114	788	93
	Total				40,073		12,358		27,715		6,112	4,874	1,094	144	
					(15%)										
4	Overhead	sum	20%		8,027	60%	4,816	40%	3,221	20%	1,605	70%	1,124	30%	481
5	Profit	"	5%		(4%) 2,000		2,000				1,000		1,000		
	G-total				50,100		19,174		39,926		8,717	5,998	2,094	625	
	per 1.0 m ²				50	(38%)	19	(62%)	31	(18%)	9	(67%)	(22%)	(11%)	9
	per 1.0 ton				425		162		263		77	52	17	8	
	per 1.0 m ³				1,000		380		620		180	120	40	20	
Remarks:															

Item No.	Turfing and Seeding complete in place, Turfing										Total Cost		Rs. 27 Per m ²	
											Local Component	Foreign Component	53	%
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Taxes		
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
1	Equipment Cost (18%)													
	Miscellaneous	sum			5	25%	1.3	75%	3.7	15%	0.8	82%	16%	2%
													0.1	
2	Labour Cost (19%)													
	Class 2 Foreman	h	0.2	7	1.4		1.4			0.3	0.6			0.6
	" 6 Skilled labour	h	0.2	3.5	0.7		0.7							
	" 7 Unskilled labour	h	1.0	3	3.0		3.0							
	S-total				5.1		5.1				0.6			0.6
3	Material Cost (43%)													
	Turf	m ²	1	10	10	43%	4.0	57%	6.0	6%	0.6	63%	33%	4%
	Miscellaneous	sum			1.9	35%	0.7	65%	1.2	28%	0.6	92%	8%	
	S-total				11.9		4.7		7.2		1.2	0.9	0.1	
	total				22.0		11.1		10.9		2.6	1.6	0.4	0.6
4	Overhead (16%)				4	60%	2.4	40%	1.6	20%	0.8	70%		30%
5	Profit (4%)				1	100%	1.0			50%	0.5	100%		0.2
	G-total				27	(53%)	14.5	(47%)	12.5	(14%)	3.9	(56%)	(23%)	(21%)
													0.9	0.8
Remarks:														

Item No.	Turfing and Seeding complete in place, seeding										Total Cost			Rs. 30 Per m ²							
											Local Component		Foreign Component		Taxes		Rs.		Per m ²		
										Unit cost (Rs)		Unit cost (Rs)		Unit cost (Rs)		Imp. (Rs)		Cor. (Rs)		Inc. (Rs)	
										(Rs)		(Rs)		(Rs)		(Rs)		(Rs)		%	
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp. Unit cost (Rs)	Local Comp. (Rs)	Foreign Comp. Unit cost (Rs)	Foreign Comp. (Rs)	Taxes Comp. Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)							
1	Equipment Cost (33%)																				
	Miscellaneous	sum	1		10																
2	Labour Cost (19%)																				
	Class 2 Foreman	h	0.2	7	1.4																
	" 3 Operator	h	0.2	5.5	1.1																
	" 7 Unskilled labour	h	1.0	3	3.0																
	S-total				5.5																
3	Material Cost (28%)																				
	Seed	m ²	1	6	6.5																
	Miscellaneous	sum		2	2																
	S-total				8.5																
	total				24																
4	Overhead (16%)				5																
5	Profit (4%)				1																
	G-total				30		(53%)		(47%)		(14%)		(56%)	(23%)	(21%)						
Remarks:																					

Item No.	Precast Concrete Pipe, Type C-P(B) 6304										Total Cost			Rs. 865 per m							
											Local Component		Foreign Component		Taxes Component		50 %		50 %		19 %
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)							
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)										
A	Pre-cast Concrete Pipe 6304 mm	m	10.5	130																	
A-1	Administ. Cost	SUM	20%																		
A-2	Profit	"	5%																		
B	Concrete, Grade 30	m ³	3.63	770																	
C	Formworks, Type B	m ²	12.8	230																	
D	Foundation, Selection Material	m ³	1.26	79																	
E	Structure Excavation	m ³	9.8	77																	
F	Reinforcing Steel Bar Mild, Round 16 mm	kg	156	5.14																	
	Total				8,640	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)							
	per 1.0 m				865																
1	Equipment Cost	(19%)																			
2	Lavour Cost	(14%)																			
3	Material Cost	(47%)																			
4	Overhead	(16%)																			
5	Profit	(4%)																			
	F.O.L consumption (7% of total cost)																				
Remarks:																					

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Precast Concrete Pipe, Type C-P(B) φ380										Total Cost		Rs 1,085 perm	
											Local Component	Foreign Component	50 %	50 %
Particular	Description	Unit	Qty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Taxes		
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
A	Precast Concrete Pipe φ380 mm	m	10.5	160										
A-1	Administ. Cost	SUM	20%											
A-2	Profit	"	5%											
B	Concrete, Grade 30	m ³	4.2	770										
C	Formworks, Type B	m ²	15.2	230										
D	Foundation, Selected Material	m ³	1.44	79										
E	Structure Excavation	m ³	12.9	77										
F	Reinforcing Steel Bar Mild, Round 1<16 mm	kg	170	5.14										
	Total				10,811	(50%)		(50%)		(19%)		(69%)	(7%)	
	per 1.0 m				1,085									
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-5(A)

Item No.	Precast Concrete Pipe, Type C-P(B) Ø533										Total Cost			Rs1,445 perm			
											Local Component		Foreign Component		Taxes Component		Taxes
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)			
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)								
A	Precast Concrete Pipe Ø533 mm	m	10.5	260													
A-1	Administ. Cost	SUM	20%														
A-2	Profit	"	5%														
B	Concrete, Grade 30	m³	5.49	770													
C	Formworks, Type B	m²	18.4	230													
D	Foundation, Selected Material	m³	1.7	79													
E	Structure Excavation	m³	17.7	77													
F	Reinforcing Steel Bar Mild, Round 1.6 mm	kg	208	5.14													
	Total				14,439	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)			
	per 1.0 m				1,445												
1	Equipment Cost		(19%)														
2	Labour Cost		(14%)														
3	Material Cost		(47%)														
4	Overhead		(16%)														
5	Profit		(4%)														
	F.O.I. consumption (7% of total cost)																
Remarks:																	

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Concrete Ditch with cover, Ds-U(F)										Rs 2,055 per m	
											Local Component	50 %
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes		
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Imp. (Rs)
A	Precast Concrete Ditch Ds-U(F)	m	1.0		1,375							
B	Concrete Cover	m	1.0		680							
	Total											
	per 1.0 m				2,055	(50%)	(50%)	(19%)	(69%)	(24%)	(7%)	
1	Equipment Cost											
2	Labour Cost			(19%)								
3	Material Cost			(14%)								
4	Overhead			(47%)								
5	Profit			(16%)								
	Total			(4%)								
	F.O.L consumption (7% of total cost)											
Remarks:												

Item No.	Cover of Concrete Ditch, Ds-U(F)										Total Cost			Rs. 680 per. m			
	Sub.	Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Local Component	Foreign Component	Taxes	
FOI.17-1	Unit cost (Rs)							Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	Imp. (Rs)	Cor. (Rs)
A		Concrete, Grade 30	m ³	3.08	770												
B		Formworks, Type B	m ²	14.4	230												
C		Foundation, Selected Material	m ³	0.9	79												
D		Reinforcement Steel, Mild, round ϕ <16 mm	kg	46.4	5.14												
E		Structure Excavation	m ³	10.4	77												
		Total				6,795	(50%)		(50%)				(19%)		(69%)	(24%)	(77%)
		per 1.0 m				680											
1		Equipment Cost															
2		Labour Cost															
3		Material Cost															
4		Overhead															
5		Profit															
		Total															
		F.O.L consumption (8% of total cost)															
		Remarks:															

Item No.	Concrete Ditch, Type Ds-L(A)										Rs. 395 per m		
	Total Cost		Local Component		Foreign Component		Taxes Component		Taxes		Inc.		
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)				
A	Concrete, Grade 30	m ³	1.43	770									
B	Formworks, Type B	m ²	11.5	230									
C	Foundation Selected Material	m ³	0.64	79									
D	Structure Excavation	m ³	1.7	77									
	Total				3,928	(50%)		(50%)		(19%)		(69%)	(24%)
	per 1.0 m				395								(7%)
1	Equipment Cost												
2	Labour Cost												
3	Material Cost												
4	Overhead												
5	Profit												
	Total												
	F.O.L consumption =							(7% of total cost)					
Remarks:													
Ratio of both cost element and component are deemed same with concrete ditch, Ds-U(A)													

Item No.	Concrete Ditch, Type Ds-L(B)										Rs. 535 per m			
	Total Cost		Local Component		Foreign Component		Taxes Component		Taxes		Cor.		Inc.	
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)			
A	Concrete, Grade 30	m ³	2.1	770										
B	Formworks, Type B	m ²	15.5	230										
C	Foundation, Selected Material	m ³	0.84	79										
D	Structure Excavation	m ³	3.2	77										
	Total				5,316	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)
	per 1.0 m				535									
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	Total													
	F.O.L consumption =													
Remarks:														

Ratio of both cost element and component are deemed same with concrete dith, Ds-U(A)

Item No.	Concrete Ditch, Type DS-L(C)										Total Cost				
											Local Component	Foreign Component	Taxes Component	Rs. 700 per m	
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)				
A	Concrete, Grade 30	m ³	3.3	770											
B	Formworks, Type B	m ²	17.5	230											
C	Foundation, Selected Material	m ³	1.0	79											
D	Structure Excavation	m ³	4.5	77											
	Total				6,991	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)	
	per 1.0 m				700										
1	Equipment Cost									(19%)					
2	Labour Cost									(14%)					
3	Material Cost									(47%)					
4	Overhead									(16%)					
5	Profit									(4%)					
	Total														
	F.O.L consumption =									(7% of total cost)					
Remarks: Ratio of both cost element and component are deemed same with concrete ditch, Ds-U(A)															

Item No.	Concrete Ditch, Type Ds-L(D)										Total Cost			Rs- 940 per m				
											Local Component	Foreign Component	Taxes Component	Local Component	Foreign Component	Taxes	Local Component	Foreign Component
Particular	Description	Unit	Qty	Unit cost (Rs)	Total cost (Rs)	Local Comp. Unit cost (Rs)	Local Comp. (Rs)	Foreign Comp. Unit cost (Rs)	Foreign Comp. (Rs)	Taxes Comp. Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)				
A	Concrete, Grade 30	m ³	4.63	770														
B	Formworks, Type B	m ²	22.0	230														
C	Foundation, Selected Material	m ³	1.30	79														
D	Structure Excavation	m ³	8.5	77														
	Total				9,384	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)				
	per 1.0 m				940													
1	Equipment Cost								(19%)									
2	Labour Cost								(14%)									
3	Material Cost								(47%)									
4	Overhead								(16%)									
5	Profit								(4%)									
	Total																	
	F.O.L consumption =							(7% of total cost)										
Remarks:																		
Ratio of both cost element and component are deemed same with concrete ditch, Ds-U(A)																		

Item No.	Concrete Ditch, Type Dv-U										Total Cost				
											Local Component	Foreign Component	Taxes Component	Rs. 655	per m
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)				
F01.22											50	50	19		
A	Concrete, Grade 30	m ³	2.10	770											
B	Formworks, Type B	m ²	19.0	230											
C	Foundation Concrete Grade 15	m ³	0.7	79											
D	Structure Excavation	m ³	6.7	77											
	Total				6,559	(50%)	(50%)			(19%)	(69%)	(24%)	(7%)		
	per 1.0 m														
1	Equipment Cost									(19%)					
2	Labour Cost									(14%)					
3	Material Cost									(47%)					
4	Overhead									(16%)					
5	Profit									(4%)					
	Total														
	F.O.L consumption =														
Remarks: Ratio of both cost element and component are deemed same with concrete ditch, Ds-U(A)															

Item No.	Shoulder Inlet Type Si										Rs. 380 perm					
											Local Component	Foreign Component	Taxes Component	50 %	50 %	19 %
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp. Unit cost (Rs)	Local Comp. (Rs)	Foreign Comp. Unit cost (Rs)	Foreign Comp. (Rs)	Taxes Comp. Unit cost	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)		
A	Precast Concrete kerb Type B	m	86.0	95												
A-1	Administ Cost	sum	20%													
A-2	Profit	"	5%													
B	Concrete, Grade 30	m ³	0.54	770												
C	Mortar	"	0.17	960												
D	Foundation Selected Material		1.44	79												
	Total				3,781	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)		
	per 1.0 m				380											
1	Equipment Cost															
2	Labour Cost															
3	Material Cost															
4	Overhead															
5	Profit															
	F.O.L consumption (7% of total cost)															
Remarks: Ratio of both element and component are deemed same with concrete ditch, Ds-U(A)																

Item No.	Relocated Waterway										Rs. 180 per m			
											Local Component	48	%	
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost	(Rs)			
A	Concrete, Grade 30	m ³	9.0	770	6,930	46%	3,188	54%	1,247	18%	59%	33%	3%	
B	Formworks, Type B	m ²	30.0	230	6,900	53%	3,657	47%	1,380	20%	73%	20%	7%	
C	Backfill, Selected Material	m ³	7.8	79	616	43%	265	57%	136	22%	76%	24%		
D	Foundation, Selected Material	"	2.9	79	229	43%	99	57%	51	22%	39	12		
E	Structure Excavation	"	45.5	77	3,504	43%	1,507	57%	666	19%	73%	20%	7%	
	Total				18,179	(48%)	8,716	(52%)	9,463	(19%)	(68%)	(35%)	(7%)	
	per 1.0 m.				180						2,371	866	243	
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

Item No.	Precast Concrete Pipe, Type C-P(A) ø152										Rs. 295 per m				
	Total Cost		Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)		Cor. (Rs)		Inc. (Rs)		
F02.01															
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)
A	Precast Concrete Pipe ø152 mm	m	10.5	60											
A-1	Administ. Cost	SUM	20%												
A-2	Profit	"	5%												
B	Concrete, Grade 30	m ³	1.0	770											
C	Formworks, Type B	m ²	4.0	230											
D	Foundation, Selected Material	m ³	1.1	79											
E	Structure Excavation	m ³	4.8	77											
	Total				2,934		(50%)				(19%)			(60%)	(24%) (7%)
	per 1.0 m				295										
1	Equipment Cost														
2	Labour Cost														
3	Material Cost														
4	Overhead														
5	Profit														
	F.O.L consumption (7% of total cost)														
Remarks:															

Ratio of both cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Precast Concrete Pipe, Type C-P(A) 6304										Total Cost		Rs. 465 per m	
											Local Component	Foreign Component	50	%
										Foreign Component		50		%
										Taxes Component		19		%
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)			
A	Precast Concrete Pipe 6304 mm	m	10.5	130										
A-1	Adminst. Cost	SUM	20%											
A-2	Profit	"	5%											
B	Concrete, Grade 30	m ³	1.4	770										
C	Formworks, Type B	m ²	4.9	230										
D	Foundation, Selected Material	m ³	1.3	79										
E	Structure Excavation	m ³	8.0	77										
	Total				4,630	(50%)	(50%)	(50%)	(19%)	(69%)	(24%)	(7%)		
	per 1.0 m				465									
1	Equipment Cost					(19%)								
2	Labour Cost					(14%)								
3	Material Cost					(47%)								
4	Overhead					(16%)								
5	Profit					(4%)								
	F.O.I. consumption (4% of total cost)													
Remarks:														

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Precast Concrete Pipe, Type C-P (A) Ø380.										Total Cost			Rs. 535 Perm.					
											Local Component		Foreign Component		Taxes Component		50 %		50 %
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)					
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)								
A	Precast Concrete Pipe Ø380 mm	m	10.5	160															
A-1	Adminis. Cost	SUM	20%																
A-2	Profit	"	5%																
B	Concrete, Grade 30	m ³	1.47	770															
C	Formworks, Type B	m ²	5.26	230															
D	Foundation, Selected Material	m ³	1.44	79															
E	Structure Excavation	m ³	10.0	77															
	Total				5,326	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)					
	per 1.0 m				535														
1	Equipment Cost		(19%)																
2	Labour Cost		(14%)																
3	Material Cost		(47%)																
4	Overhead		(16%)																
5	Profit		(4%)																
	F.O.I. consumption (7% of total cost)																		
Remarks:																			

Ratio of both cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Precast Concrete Pipe, Type C-P(A) 6457										Total Cost				
											Local Component	Foreign Component	Taxes Component	Rs.	625 per m
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)						
A	Precast-Concrete Pipe 6457 mm	m	10.5	200											
A-1	Administ. Cost	SUM	20%												
A-2	Profit	"	5%												
B	Concrete, Grade 30	m ³	1.64	770											
C	Hornworks, Type B	m ²	5.70	230											
D	Foundation, Selected Material	m ³	1.60	79											
E	Structure Excavation	m ³	12.0	77											
F	Reinforcing Steel Bar Mild, Round 1. <10 mm	kg	0	5.14											
	Total				6,250	(50%)		(50%)		(19%)	(69%)	(24%)	(7%)		
	per 1.0 m				625										
1	Equipment Cost														
2	Labour Cost														
3	Material Cost														
4	Overhead														
5	Profit														
	F.O.L consumption (7% of total cost)														
Remarks:															

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Precast Concrete Pipe, Type C-P(A) Ø762											Rs. 1,080 Per m.		
												Local Component	50 %	
Particular	Description	Unit	Qty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)			
A	Precast Concrete Pipe Ø 762 mm	m	10.5	400										
A-1	Administ. Cost	SUM	20%											
A-2	Profit	"	5%											
B	Concrete, Grade 30	m ³	2.33	770										
C	Formworks, Type B	m ²	7.32	230										
D	Foundation, Selected Material	m ³	2.74	79										
E	Structure Excavation	m ³	34.0	77										
F	Reinforcing Steel Bar Mild, Round I < 16mm	kg	0	5.14										
	Total				10,792	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)
	per 1.0 m				1,080									
1	Equipment Cost		(19%)											
2	Labour Cost		(14%)											
3	Material Cost		(47%)											
4	Overhead		(16%)											
5	Profit		(4%)											
	F.O.L consumption (7% of total cost)													
Remarks:														

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-Y(A)

Item No.	Precast Concrete Pipe, Type C-P(A) ø1066										Total Cost		
											Local Component	Foreign Component	Taxes
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)				
A	Precast Concrete Pipe ø1066 mm	m	10.5	790									
A-1	Administ. Cost	SUM	20%										
A-2	Profit	"	5%										
B	Concrete, Grade 30	m ³	3.73	770									
C	Formworks, Type B	m ²	10.0	230									
D	Foundation, Selected Material	m ³	3.4	79									
E	Structure Excavation	m ³	40	77									
F	Reinforcing Steel Bar Mild, Round 16 mm	kg	0	5.14									
	Total				18,889		(50%)		(50%)		(69%)	(24%)	(7%)
	per 1.0 m				1,890								
1	Equipment Cost		(19%)										
2	Labour Cost		(14%)										
3	Material Cost		(47%)										
4	Overhead		(16%)										
5	Profit		(4%)										
	F.O.L consumption (7% of total cost)												
Remarks:													

Ratio of both Cost element and component are same with those of Concrete Ditch, Ds-U(A)

Item No.	Precast Concrete Kerb, Type A										Rs. 185 per m			
											Local Component	Foreign Component	Taxes Component	
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)			
Precast Concrete Kerb,														
A	Type A	m	10.5	135	1,418	41%	581	59%	837	15%	213	63%	33%	4%
A-1	Administ. Cost	sum	20%		284	60%	170	40%	114	20%	57	134	70	9
A-2	Porfit	"	5%		71	100%	71			50%	36	40	100%	30%
B	Mortar	m ³	0.063	960	61	52%	32	48%	29	13%	8	60%	27%	13%
	Total				1,834	(46%)	854	(54%)	980	(17%)	314	(57%)	(34%)	(9%)
	per 1.0 m				185	(46%)	85	(54%)	100	(17%)	31	(58%)	(35%)	(17%)
1	Equipment Cost		(7%)											
2	Labour Cost		(1%)											
3	Material Cost		(72%)											
4	Overhead		(16%)											
5	Profit		(4%)											
	F.O.L Consumption (1% of total cost)													
Remarks:														

Item No.	Precast Concrete Kerb, Type B										Total Cost		
											Rs.	215	per m
Particular	Description	Unit	Qty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes			
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	Cor. (Rs)	Inc. (Rs)	
						(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	
A	Precast Concrete Kerb Type-B	m	10.5	95	998								
A-1	Adminst. Cost	sum	20%		200								
A-2	Profit	"	5%		50								
B	Mortar	m ³	0.06	960									
C	Concrete, Grade 30	m ³	0.23	770									
D	Formworks, Type B	m ²	2.0	230									
D	Foundation Concrete, Grade 15	m ³	0.28	645									
	Total				2,123	(46%)	(54%)	(17%)	(57%)	(34%)	(9%)		
	per 1.0 m				215								
1	Equip. Cost	(7%)											
2	Labour Cost	(1%)											
3	Material Cost	(72%)	Ratip of both cost element and component are deemed										
4	Overhead	(16%)	same with E08.01										
5	Profit	(4%)											
	F.O.L Consumption	(1% of total cost)											
Remarks:													

Item No.	Road Marking complete in place, Road Marking common										Total Cost		Rs. 20 per 10 m ²	
	Local Component					Foreign Component					Local Component		Foreign Component	
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp. Unit cost (Rs)	Local Comp. (Rs)	Foreign Comp. Unit cost (Rs)	Foreign Comp. (Rs)	Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
	(per 10 m ²)													
1	Equipment Cost (19%)				40	25%	10	75%	30	15%	6	82%	16%	2%
	Miscellaneous	sum												
2	Labour Cost (15%)													
	Skilled labourer	h	8	4	32		32							
3	Material Cost (46%)													
	Road marking paint	kg	5	16	80	25%	20	75%	60	20%	16	89%	11%	
	Miscellaneous	sum	20%		16	35%	6	65%	10	28%	5	92%	8%	
	S-total				96		26		70		21	18.5	2.5	
4	Overhead (16%)				34	60%	20	40%	14	20%	7	70%		30%
5	Profit (4%)				8		8				4			2
	G-total				210		96		114		38	29	7	2
	per 1.0 m ²				20	(50%)	10	(50%)	10	(20%)	4	(75%)	(25%)	
Remarks:														

Item No.	ditto, but for Uni-directional Reflecting Road Stud "Cat's eye"										Total Cost		Rs. 95 per 1.0 nr	
											Local Component	Foreign Component	42 %	58 %
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Taxes		
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
	(per 10 nr)													
1	Equipment Cost (27%)													
	Miscellaneous	sum			250	25%	63	75%	187	15%	38	82%	16%	
												31	6	
2	Labour Cost (3%)													
	Skilled labourer	h	8	4	32									
3	Material Cost (50%)													
	Cat's eye	nr	10	40	400	37%	148	63%	252	27%	108	92%	8%	
	Miscellaneous				80	35%	28	65%	52	28%	22	92%	8%	
	S-total				480		176		304		130	120	10	
4	Overhead (16%)				152	60%	91	40%	61	20%	30	70%	30%	
5	Profit (4%)				38		38				19		10	
	G-total				952		400		552		217	171	35	
	per 1.0 nr				95	(42%)	40	(58%)	55	(23%)	22	(77%)	(18%)	
												4	4	
													1	
Remarks:														

Item No.	Permanent Traffic Sign complete in place, Type A										Rs. 2,240 per lot			
	Local Component					Foreign Component					Taxes			
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)					
1	Equipment Cost	(9%)												
	Miscellaneous		sum		200	25%	50	75%	150	15%	30	82%	16%	2%
2	Labourer Cost	(4%)												
	Foreman		h	7	14					0.2	0.4			
	Skilled labourer		h	4	80									
	S-total				94		94				0.4		0.4	
3	Material Cost	(67%)												
	Materials		sum		1,500	35%	525	65%	975	28%	420	92%	8%	34
4	Overhead	(16%)			358	60%	215	40%	143	20%	72	70%		30%
5	Profit	(4%)			88		88				44		45	22
	G-total				2,240	(43%)	972	(57%)	1,268	(25%)	566	(81%)	(15%)	(4%)
													83	22
Remarks:														