

Item No.	Earthen Excavated Ditch, Type Ds - ED										Total Cost		Rs. 40 per m	
											Local Component	Foreign Component	43	57
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)
	Structure Excavation	m ³	5.05	77	389	(43%)	(57%)			(19%)	73%	20%	7%	
	Total				389									
	per 1.0 m				40									
1.	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L Consumption (6% of total cost)													
Remarks:														

Item No.	Rock Surfaced Ditch, Type DS - Rs										Total Cost		Rs. 480 per m.	
											Local Component	Foreign 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	Concrete, Grade 30	m ³	3.29	770										
B	Structure Excavation	m ³	8.3	270										
	Total				4,775	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)
	per 1.0 m				480									
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L Consumption (7% of total cost)													
Remarks:														

Item No.

Rolled Cutter Type, Ds - RG

Total Cost	Rs. 160 per m
Local 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)			
A	Concrete, Grade 30	m ³	0.74	770	570	46%	262	54%	308	18%	103	59%	33%	8%
B	Mortar	m ³	0.12	960	115	52%	60	48%	55	13%	15	61%	34%	8%
C	Formworks, Type B	m ²	4.0	230	920	53%	488	47%	432	20%	184	73%	20%	7%
	Total				1,605	(50%)	810	(50%)	795	(19%)	302	(68%)	(25%)	(9%)
	per 1.0 m				160							204	15	23
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L Consumption (7% of total cost)													

Remarks:

Ratio of cost element is deemed same with
concreted ditch, Ds - U(A)

Item No.	Precast Concrete Ditch, Type Ds-Pu (A)										Rs. 215 per m			
											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)					
A	Precast Concrete Ditch Type 320 x 319	m	10.5	140	1,470	41%	603	59%	867	15%	221	63%	33%	4%
A-1	Administ. Cost	SUM	20%		294	60%	176	40%	118	20%	59	70%	73	30%
A-2	Profit	"	5%		74	100%	74			50%	37	41	100%	10
B	Foundation Selected Material	m ³	0.5	79	40	43%	18	57%	22	22%	9	76%	14%	
C	Structure Excavation incl. Refilling	m ³	3.5	77	270	43%	116	57%	154	19%	51	73%	20%	7%
	Total				2,148		787		1,161		377	224	122	31
	per 1.0 m				215	(46%)	99	(54%)	116	(18%)	38	(59%)	(33%)	(8%)
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profits													
	Total				2,148									
	F.O.L consumption = B x 0.01 + C x 0.06 = 19.4 (1% of total cost)													
Remarks:														

Item No.	Precast Concrete Ditch, Ds-Pu Type (B1)										Rs. 370 per m						
	Particular		Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Local Component	Foreign Component	Taxes Component	
								Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	%	%	%	
A	Precast Concrete Ditch Type 4-32 X 448			m	10.5	240											
A-1	Administ. Cost		SUM		20%												
A-2	Profit		"		5%												
B	Foundation, Selected Material			m ³	0.684	79											
C	Structure Excavation incl. Refilling			m ³	6	77											
	Total					3,666											
	per 1.0 m					370		(46%)		(54%)		(18%)		(59%)		(33%)	(8%)
1	Equipment Cost				(7%)												
2	Labour Cost				(1%)												
3	Material Cost				(72%)												
4	Overhead				(16%)												
5	Profit				(4%)												
Remarks:																	

Item No.	Precast Concrete Ditch, Type Ds-Pu (B ₂)										Total Cost			
											Local Component	Foreign Component	Taxes Component	Rs. 435
										Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	46	%
										Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	54	%
										Unit cost (Rs)	Unit cost (Rs)	Unit cost (Rs)	15	%
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)
A	Precast Concrete Ditch	m	10.5											
A-1	Type 479 X 593	SUM	20%											
A-2	Adminst. Cost	"	5%											
B	Profit													
	Foundation,													
	Selected Material	m ³	0.735	79										
C	Structure Excavation	m ³	7.5	77										
	incl. Refilling													
	Total				4,311									
	per 1.0 m				435	(46%)		(54%)		(15%)		(58%)	(37%)	(5%)
1	Equipment Cost		(9%)											
2	Labour Cost		(1%)											
3	Material Cost		(70%)											
4	Overhead		(16%)											
5	Profit		(4%)											
	F.O.L. consumption (1% of total cost)													

Remarks: It is deemed that the cost is constituted in the same ratio with Precast Concrete Ditch, Ds-Pu (B₃)

Item No.	Precast Concrete Ditch, Type Ds-Pu(B ₃)										Total Cost			
											Rs.	470	Per	
F01-07											Local Component		46	%
											Foreign Component		54	%
											Taxes Component		15	%
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)
A	Precast Concrete Ditch	m	10.5	300										
A-1	Type 571 x 591	SUM	20%											
A-2	Administ. Cost	"	5%											
B	Foundation	m ³	0.82	79										
C	Selected Material	m ³	9	77										
	Structure Excavation incl. Refilling													
	Total				4,696									
	per 1.0 m				470	(46%)		(54%)		(15%)		(58%)	(37%)	(5%)
1	Equipment Cost													
2	Labour Cost	(9%)												
3	Material Cost	(1%)												
4	Overhead	(70%)												
5	Profit	(11%)												
		(4%)												
	F:O.L consumption (1% of total cost)													
Remarks:														

Item No.	Concrete Ditch, Type Ds (C)										Rs. 795 per m				
											Local Component	Foreign Component	Taxes Component	Local Component	Foreign Component
Particular	Description	Unit	Qty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)		
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)						
A	Concrete, Grade 30	m ³	2.5	770											
B	Formworks, Type B	m ²	22.4	230											
C	Foundation Concrete Grade 15	m ³	1.35	79											
D	Structure Excavation	m ³	9.9	77											
	Total				7,946	(50%)		(50%)		(19%)	(59%)	(33%)	(8%)		
	per 1.0 m				795										
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.	Concrete Ditch, Type Ds (D)										Total Cost			
											Rs. 1,445	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	5.6	770		46%	54%	18%	59%	33%	8%			
B	Formworks, Type B	m ²	36.0	230		53%	47%	20%	73%	20%	7%			
C	Foundation Concrete Grade 15	m ³	1.95			46%	54%	18%	59%	33%	8%			
D	Structure Excavation	m ³	21.6	77		43%	57%	19%	73%	20%	7%			
	Total				14,408	(50%)	(50%)	(19%)	(59%)	(33%)	(8%)			
	per 1.0 m				1,445									
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:														

Item No.	Concrete Ditch, Type Ds(E)										Total Cost			Rs 1,940 per m		
											Local Component	Foreign Component	Taxes Component	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)					
A	Concrete, Grade 30	m ³	8.4	770		46%	54%	18%	59%	33%	8%					
B	Formworks, Type B	m ²	46	230		53%	47%	20%	73%	20%	7%					
C	Foundation Concrete Grade 15	m ³	1.95	645		46%	54%	18%	59%	33%	8%					
D	Structure Excavation	m ³	28	77		43%	57%	19%	73%	20%	7%					
	Total				19,358	(50%)	(50%)	(19%)	(59%)	(33%)	(8%)					
	per 1.0 m				1,940											
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:																

Item No.	Concrete Ditch, Type Ds (G)											Rs. 1,070 per m.		
	Total Cost		Local Component		Foreign Component		Taxes Comp.		Taxes		Cor. 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)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)					
A	Concrete, Grade 30	m ³	4.8	770										
B	Formworks, Type B	m ²	24.0	230										
C	Foundation, Selected Material	m ³	2.3	79										
D	Structure Excavation	m ³	16.4	77										
	Total				10,661		(50%)		(50%)		(19%)	(69%)	(24%)	(7%)
	per 1.0 m				1,070									
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

Item No.	Concrete Ditch, Type Ds (H)										Total Cost			Rs.1,785 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.		Taxes							
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)					
A	Concrete, Grade 30	m ³	6.8	770															
B	Formworks, Type B	m ²	44	230															
C	Foundation, Selected Material	m ³	2.3	79															
D	Structure Excavation	m ³	29.4	77															
	Total				17,802	(50%)		(50%)		(19%)			(69%)	(24%)		(7%)			
	per 1.0 m				1,785														
1	Equipment Cost																		
2	Labour Cost																		
3	Material Cost																		
4	Overhead																		
5	Profit																		
	F.O.L consumption (7% of total cost)																		
Remarks:																			

Item No.	Concrete Ditch with cover, Ds-U(A)										Rs. 905 per m			
	Total Cost		Local Component		Foreign Component		Taxes Component		Taxes		Cor.		Inc.	
FOI. 15			50 %		50 %		19 %				50		50	
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)
A	Precast Concrete Ditch, Ds-U(A)	m	1.0	510	510									
B	Concrete Cover	m	1.0	395	395									
	Total													
	per 1.0 m				905	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)
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:														

Item No.	Cover of Concrete Ditch, Ds-U(C)										Rs. 555 per m			
											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)	Unit cost (Rs)	(Rs)			
A	Concrete, Grade 30	m ³	1.3	770	1,001									
B	Formworks, Type B	m ²	16.6	230	3,818									
B	Reinforcement Steel, Mild, Round ϕ 12mm	kg	141	5.14	725									
	Total				5,544		(51%)		(49%)		(19%)	(69%)	(24%)	(7%)
	per 1.0 m				555									
1	Equipment Cost													
2	Labour Cost										(16%)			
3	Material Cost										(15%)			
4	Overhead										(49%)			
5	Profit										(16%)			
	Total										(4%)			
	F.O.L consumption (8% of total cost)													
Remarks:														

Item No.	Precast Concrete Pipe, Type C-P(C) Ø762										Total Cost			
											Local Component	Foreign Component	Taxes Component	Rs. 2.130 Per m
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 Ø762 mm	m	10.5	400										
A-1	Administ. Cost	SUM	20%											
A-2	Profit	"	5%											
B	Concrete, Grade 30	m ³	7.83	700										
C	Formworks, Type B	m ²	23.4	230										
D	Foundation, Selected Material	m ³	2.74	79										
E	Structure Excavation	m ³	28.2	77										
F	Reinforcing Steel Bar Mild, Round 1 < 16 mm	kg	439	5.14										
	Total				21,306		(50%)		(19%)		(69%)		(24%)	(7%)
	per 1.0 m				2,130									
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(C) Ø1066										Rs. 3,580 per m			
	Total Cost		Local Component		Foreign Component		Taxes Comp.		Taxes					
Particular	Description	Unit	Qty	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 Ø1066 mm	m	10.5	790										
A-1	Administ. Cost	SUM	20%											
A-2	Profit	"	5%											
B	Concrete, Grade 30	m ³	14.29	770										
C	Formworks, Type B	m ²	32	230										
D	Foundation, Selected Material	m ³	3.6	79										
E	Structure Excavation	m ³	48.6	77										
F	Reinforcing Steel Bar Mild, Round 1 < 16 mm	kg	587	5.14										
	Total				35,776		(50%)		(50%)			(69%)	(24%)	(7%)
	per 1.0 m				3,580									
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(Twin) φ1066										Rs. 3.812 per m			
	Local Comp.					Foreign Comp.					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)	Unit cost (Rs)	(Rs)			
A	Precast Concrete Pipe	m	21	790	16,590									
A-1	Overhead	sum	20%		3,318									
A-2	Profit	sum	5%		830									
B	Concrete, Grade 30	m ³	10.52		8,100									
C	Formworks, Type B	m ²	10	230	2,300									
D	Foundation Material	m ³	6.1	79	482									
E	Structure Excavation	m ³	84.38	77	6,500									
	total				38,120	(50%)		(50%)				(69%)	(24%)	(7%)
	per 1.0 m				3,812									
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 deemed same with those of Concrete Ditch, Du-U (A).

Item No.	Precast Concrete Pipe, Type C-P(C) φ609										Total Cost		
											Local Component	Foreign Component	Taxes Component
										Rs-1,767	per m	%	
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)	Cor. (Rs)	Inc. (Rs)	
A	Precast Concrete Pipe φ609	m	10.5	330	3,465								
A-1	Overhead	sum	20%		693								
A-2	Profit	sum	5%		173								
B	Concrete, Grade 30	m ³	6.2	772	4,786								
C	Formworks, Type B	m ²	20	230	4,600								
D	Foundation Selected Bedding Material	m ³	2.4	79	190								
E	Structure Excavation	m ³	21	77	1,617								
F	Reinforcing Steel Bar Mild, Round 1 < 16mm	kg	418	5.14	2,149								
	total				17,673								
	per 1.0m				1,767								
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 deemed same with those of Concrete Ditch Du-U(A)

Item No.		Precast Concrete Pipe, Type C-P(C) φ685										Total Cost		Rs.1,916 per m	
F02.15												Local Component		50 %	
												Foreign Component		50 %	
												Taxes Component		19 %	
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)				
A	Precast Concrete Pipe 685	m	10.5	360	3,780										
A-1	Overhead	sum	20%		756										
A-2	Profit	sum	5%		189										
B	Concrete, Grade 30	m ³	7.0	772	5,404										
C	Formworks, Type B	m ²	21.6	230	4,968										
D	Foundation Selected Bedding Material	m ³	2.6	79	205										
E	Structure Excavation	m ³	21.6	77	1,663										
F	Reinforced Steel Bar Mild, Round I <16mm	kg	426	5.14	2,190										
	total				19,155										
	per 1.0m				1,916										
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 deemed same with those of Concrete Ditch, Du-U(A).

Item No.	Precast Concrete Pipe, Type C-P(C) φ914										Rs. 2,938 per m						
	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)	Unit cost (Rs)	(Rs)						
A	Precast Concrete Pipe	m	10.5	570	5,985												
A-1	Overhead	sum	20%		1,197												
A-2	Profit	sum	5%		300												
B	Concrete, Grade 30	m³	12.1	772	9,341												
C	Formworks, Type B	m²	28.6	230	6,578												
D	Foundation Selected Bedding Material	m³	3.3	79	591												
E	Structure Excavation	m³	35.3	77	2,718												
F	Reinforced Steel Bar Mild, Round I < 16mm	kg	520	5.14	2,673												
	total				29,383												
	per 1.0m				2,938												
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 deemed same with those of Concrete Ditch, Du-U(A).

Item No.	Precast Concrete Pipe, Type C-P(D)Ø762										Rs. 590 per m			
	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)					
A	Precast Concrete Pipe Ø762	m	10.5	400										
A-1	Administ. Cost	SUM	20%											
A-2	Profit	"	5%											
B	Selected Backfill	m ³	8.44	77										
	Total				5,900									
	per 1.0 m				590	(50%)		(50%)		(19%)	(69%)	(24%)	(7%)	
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

Item No.	Miscellaneous, PVC Pipe, φ179										Total Cost			Rs. 144 per m		
	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)	%	
F02.18												50	50	19		
1	Equipment	Cost (19%)														
	Miscellaneous				200											
2	Labour	Cost (14%)														
	Class 2 Foreman		h	1	7.0	7										
	Class 5 Skilled labourer		h	7	4.0	28										
	S-total					35										
3	Material	Cost (47%)														
	P.V.C. Pipe		m	10	77	770										
	Miscellaneous		sum			150										
	S-total					920										
	total					1,155										
4	Overhead	(16%)	sum	20%		231										
5	Profit	(4%)	sum	5%		54										
	G-total					1,440										
	per 1.0m					144										
Remarks:																

Ratio of both cost element and component are deemed same with those of Concrete Ditch, Du-V(A)

Item No.	Head Wall for Pipe Culvert complete in place, Type Hw-(A)										Total Cost	
											Rs.	%
F03.01											1,340	50
											50	50
											19	19
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Taxes Comp.		Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)	
A	Concrete, Grade 30	m ³	4.56	770								
B	Formworks, Type B	m ²	34.1	230								
C	Foundation, Selected Material	m ³	1.98	79								
D	Structure Excavation	m ³	9.2	270								
	Total				13,994							
	per 1.0 nr				1,340	(50%)	(50%)	(19%)	(69%)	(24%)	(7%)	
1.	Equipment Cost											
2.	Labour Cost											
3.	Material Cost											
4.	Overhead											
5.	Profit											
	F.O.L consumption (7% of total cost)											
Remarks:												

The ratio of both cost element and component are deemed same with Concrete Ditch, Ds-U(A)

Item No.	Head Wall for Pipe Culvert complete in place, Type Hw-(B)										Total Cost			
											Local Component	Foreign Component	Taxes Component	Rs-1330
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	5.5	770										
B	Formworks, Type B	m ²	38.7	230										
C	Foundation, Selected Material	m ³	1.75	79										
	Total				13,274									
	per 1.0 nr				1,330	(50%)		(50%)		(19%)		(69%)	(24%)	(7%)
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.I. consumption (7% of total cost)													
Remarks:														

The ratio of both cost element and component are deemed same with Concrete Ditch, Ds-U(A)

Item No.	Head Wall for Pipe Culvert complete in place, Type Hw-(C ₂)										Rs. 615 per nr			
	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)	Unit cost (Rs)	(Rs)			
A	Concrete, Grade 30	m ³	1.98	770										
B	Formworks, Type B	m ²	19.7	230										
C	Foundation Concrete, Grade 15	m ³	0.65	79										
	Total				6,108									
	per 1.0 nr				615		(50%)		(50%)		(19%)		(69%)	(24%) (7%)
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

The ratio of both cost element and component are deemed same with Concrete Ditch, Ds-U(A)

Item No.	Head Wall for Pipe Culvert complete in place, Type Hw-(C ₃)										Total Cost		Rs. 630 per nr	
	Local Comp.					Foreign Comp.					Local Component	Foreign Component	50 %	50 %
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)	Lmp. (Rs)	Cor. (Rs)	Inc. (Rs)
A	Concrete, Grade 30	m ³	2.0	770										
B	Formworks, Type B	m ²	20.4	230										
C	Foundation	m ³	0.65											
	Concrete, Grade 15													
	Total				6,283	(50%)	(50%)	(19%)	(69%)	(24%)	(7%)			
	per 1.0 nr				630									
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:														

The ratio of both cost element and component are deemed same with Concrete Ditch, Ds-U(A)

Item No.	Catch Basin complete in place, Type Dc-(A1)										Total Cost Rs. 1,380 per 1.0nr		
											Local Component	Foreign Component	Taxes
Particular	Description	Unit	Q'ty	Unit cost (Rs)	Total cost (Rs)	Local Comp.		Foreign Comp.		Unit cost (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)
						Unit cost (Rs)	(Rs)	Unit cost (Rs)	(Rs)				
A	Concrete, Grade 30	m ³	3.06	770									
B	Formworks, Type B	m ²	36.3	230									
C	Foundation Selected Material	m ³	1.22	79									
D	Reinforcement Steel, Mild, round ϕ < 16mm	kg	63.3	5.14									
E	Structure Excavation	m ³	16.5	77									
F	Structure Steel incl. Administ. Cost and Profit	kg	91.0	15									
	total				13,763	50%		50%		19%	69%	24%	7%
	per 1.0nr				1,380								
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:													

Item No.	Catch Basin complete in place, Type DC-(A2)										Total Cost		Rs. l. 1.0 per l. Onr				
	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)	%		
F04.02											Local Component	50	Foreign Component	50	Taxes Component	19	%
A	Concrete, Grade 30		m ³	4.25	770												
B	Formworks, Type B		m ²	46.6	230												
C	Foundation Selected Material		m ³	1.5	79												
D	Reinforcement Steel, Mild, round ϕ16mm		kg	82	5.14												
E	Structure Excavation		m ³	25	77												
F	Structure Steel incl. Administ. Cost and Profit		kg	106	15												
					total	18,046											
					per 1.0nr	1,810	50%		50%		19%		69%	24%		7%	
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:																	

Item No.	Catch Basin complete in place, Type Dc-(A3)										Total Cost		Rs. 2,220 per l. Onr			
	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)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	%	
F04.03											Local Component	50	Foreign Component	50	%	
											Taxes Component	19	%			
A	Concrete	Grade 30	m ³	5.3	770											
B	Formworks	Type B	m ²	57.2	230											
C	Foundation	Selected Material	m ³	1.9	79											
D	Reinforcement Steel, Mild, round & <16mm		kg	91.1	5.14											
E	Structure	Excavation	m ³	33.3	77											
F	Administ.	Cost and Profit	kg	121	15											
total						22,234										
per l. Onr						2,230	50%	50%	19%	69%	24%	7%				
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:																

Item No.	Catch Basin complete in place, Type DC-(A4)										Rs. 2,985 per 1.0nr						
	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)	Unit cost (Rs)	(Rs)						
A	Concrete, Grade 30	m ³	8.5	770													
B	Formworks, Type B	m ²	73.0	230													
C	Foundation Selected Material	m ³	2.6	79													
D	Reinforcement Steel, Mild, round & ϕ16mm	kg	105	5.14													
E	Structure Excavation	m ³	48	77													
F	Structure Steel incl. Administ. Cost and Profit	kg	136	15													
	total				29,817												
	per 1.0nr				2,985	50%	50%	50%	50%	19%	69%	24%	7%				
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:																	

Item No.	Catch Basin complete in place, Type DC-(A ₆)										Rs. 4,255 per 1.0nr		
	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)	Cor. (Rs)	Inc. (Rs)	
F04.06											Total Cost	50	%
											Local Component	50	%
											Foreign Component	19	%
											Taxes Component		%
A	Concrete, Grade 30		m ³	12.2	770								
B	Formworks, Type B		m ²	103.1	230								
C	Foundation Selected Material		m ³	3.4	79								
D	Reinforcement Steel, Mild, round ϕ16mm		kg	169	5.14								
E	Structure Excavation		m ³	75	77								
F	Structure Steel incl. Administ. Cost and Profit		kg	166	15								
					42,510								
					4,255	50%		50%		19%	69%	24%	7%
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:													

Item No.	Catch Basin complete in place, Type Dc-(A7)										Total Cost Rs.11,270Perl. Onr				
											Local Component	Foreign Component	Taxes Component	50 %	50 %
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	Taxes Comp. (Rs)	Imp. (Rs)	Cor. (Rs)	Inc. (Rs)	
A	Concrete, Grade 30	m ³	34.7	770											
B	Formworks, Type B	m ²	258.5	230											
C	Foundation Selected Material	m ³	3.84	79											
D	Reinforcement Steel, Mild, round ϕ16mm	kg	196	5.14											
E	Structure Excavation	m ³	295	77											
F	Structure Steel incl. Administ. Cost and Profit	kg	166	15											
	total				112,690	50%		50%		19%		69%	24%	7%	
	per 1.0hr				11,270										
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:															

Item No.	Catch Basin complete in place, Type Dc-(B ₁)										Total Cost			
											Local Component	Foreign Component	Taxes Component	Rs. 1,260 per 1. Onr
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	2.60	770										
B	Formworks, Type B	m ²	29.10	230										
C	Foundation Selected Material	m ³	1.08	79										
D	Reinforcement Steel, Mild, round ϕ16mm	kg	26.5	5.14										
E	Structure Excavation	m ³	13.8	77										
F	Structure Steel incl. Administ. Cost and Profit	kg	108.3	15										
G	Concrete Kerb, Type B	m	8.04	119										
	total				12,560	50%		50%		19%		69%	24%	7%
	per 1. Onr				1,260									
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

Item No.	Catch Basin complete in place, Type DC-(D)										Total Cost			
											Local Component	Foreign Component	Taxes Component	Rs-3,875 per l. Onr
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	13.5	770										
B	Formworks, Type B	m ²	90.4	230										
C	Foundation Selected Material	m ³	3.28	79										
D	Reinforcement Steel, Mild, round ϕ16mm	kg	105.6	5.14										
E	Structure Excavation	m ³	64.1	77										
F	Structure Steel incl. Administ. Cost and Profit	kg	93.6	15										
G	Mortar	m	0.4	960										
	total				39,713									
	per l. Onr				3,875	50%	50%	50%	19%	19%	69%	24%	7%	
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:														

Item No.	Catch Basin complete in place, Type DC-(K)										Total Cost			Rs. 3,800 per 1.0 nr		
	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	10.8	770											
	B. Forworks, Type B		m ²	94.4	230											
	C. Foundation Selected Material		m ³	2.16	79											
	D. Reinforcement Steel, Mild, round $\phi < 16$ mm		kg	111.1	5.14											
	E. Structure Excavation		m ³	70	77											
	F. Structure Steel incl. Cost and Profit Administ.		kg	121	15											
						37,975										
	per 1.0 nr					3,800	50%	50%	50%	19%	69%	24%	7%			
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:																

Item No.	Catch Basin complete in place, Type Dc-(N1)										Total Cost			Rs. 8,605 per l. Onk							
											Local Component		Foreign Component		Taxes Component		50 %		50 %		19 %
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	Concrete, Grade 30	m ³	31.74	770																	
B	Formworks Type B	m ²	227.3	230																	
C	Foundation Selected Material	m ³	4.86	79																	
D	Reinforcement Steel, Mild, round ϕ < 16 mm.	kg	207	5.14																	
E	Structure Excavation	m ³	64.1	77																	
F	Structure Steel incl. Administ. Cost and Profit	kg	196	15																	
	Total				86,043																
	per l. Q. nr				8,605	50%	50%	50%	50%	19%	69%	24%	7%								
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:																					

Item No.	Catch Basin complete in place, Type Dc-(N ₃)										Rs. 10,275 per 1.0 nr			
	Total Cost					Local Comp.					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)	Unit cost	(Rs)			
						(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)			
A	Concrete, Grade 30	m ³	37.54	770										
B	Formworks, Type B	m ²	273.7	230										
C	Foundation Selected Material	m ³	4.86	79										
D	Reinforcement Steel, Mild, round ϕ < 16 mm	kg	213.3	5.14										
E	Structure Excavation	m ³	83.5	77										
F	Structure Steel incl. Administ. Cost and Profit.	kg	196	15										
	Total				102,707									
	per 1.0 nr				10,275	50%		50%		19%		69%	24%	7%
1	Equipment Cost													
2	Labour Cost													
3	Material Cost													
4	Overhead													
5	Profit													
	F.O.L consumption (7% of total cost)													
Remarks:														

Item No.	Catch Basin complete in place, Type Dc-(C)										Rs. 1.730 per L. Onr								
	Total Cost					Local Component					Foreign Component					Taxes Component			
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)					
A	Concrete, Grade 30	m ³	8.63	770															
B	Formworks, Type B	m ²	36.1	230															
C	Foundation Selected Material	m ³	2.85	79															
D	Reinforcement Steel, Mild, round ϕ < 16 mm	kg	0	5.14															
E	Structure Excavation	m ³	27.0	77															
F	Structure Steel incl. Administ. Cost and Profit	kg	0	15															
	Total				17,253														
	per 1.0 nr				1,730	50%		50%		19%		69%	24%						
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:																			

Item No.	Catch Basin complete in place, Type DC-(B)										Rs. 1,700 per 1.0 nr		
	Total Cost					Local Component					50 %		
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)
A	Concrete, Grade 30	m ³	5.15	770									
B	Formworks, Type B	m ²	44.7	230									
C	Foundation Selected Material	m ³	2.85	79									
D	Reinforcement Steel, Mild, round & < 16 mm	kg	0	5.14									
E	Structure Excavation	m ³	32.5	77									
F	Structure Steel incl. Administ. Cost and Profit	kg	0	15									
	Total				16,975								
	per 1.0 nr				1,700	50%		50%		19%	69%	24%	7%
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:													