

**COLLECTION SYSTEM**

No.	EXCAVATION	UNIT	QTY	UNIT PRICE		TOTAL PRICE	
				\$	C	\$	C
A1	Excavation of pipes trench in all kind of soil for one pipe diameter 8 inch depth and disposing of the debris and the top soil unsuitable for backfill outside the site	LM	12166				
A2	Excavation of pipes trench in all kind of soil for one pipe diameter 10 inch depth and disposing of the debris and the top soil unsuitable for backfill outside the site	LM	1673				
A3	Excavation of pipes trench in all kind of soil for one pipe diameter 12 inch depth and disposing of the debris and the top soil unsuitable for backfill outside the site	LM	300				
A4	Excavation of pipes trench in all kind of soil for one pipe diameter 15 inch depth and disposing of the debris and the top soil unsuitable for backfill outside the site	LM	880				

<b>Sub-Total</b>							
<b>B</b>	<b>PIPE WORK</b>						
B1	Supplying, storing and installing of PVC	LM	15019				
<b>Sub-Total</b>							
<b>C</b>	<b>PIPE BEDDING AND BACKFILLING</b> <b>Dimension and material</b>						
C1	Supplying and embedment of sand for one pipe diameter 8 inch, depth up to 1.5 meter and disposing of the debris and the top soil unsuitable for backfill outside the site.	LM	12166				
C2	Supplying and embedment of sand for one pipe diameter 10 inch, depth up to 1.5 meter and disposing of the debris and the top soil unsuitable for backfill outside the site.	LM	1673				
C3	Supplying and embedment of sand for one pipe diameter 12 inch, depth up to 1.5 meter and disposing of the debris and the top soil unsuitable for backfill outside the site.	LM	300				

C4	Supplying and embedment of sand for one pipe diameter 15 inch, depth up to 1.5 meter and disposing of the debris and the top soil unsuitable for backfill outside the site.	LM	880				
<b>Sub-Total</b>							
<b>D</b>	<b>MANHOLES, Details according to the drawing</b>						
D1	Supplying and installing of precasted manhole including excavation pipe connection, epoxytar coating, 25-ton cast iron cover and backfill, size 1200mm, depth up to 1.5m.	NR	300				
D2	Supplying and installing of precasted manhole including excavation pipe connection, epoxytar coating, 25-ton cast iron cover and backfill, size 1200mm, depth up to 2.5m.	NR	31				
<b>Sub-Total</b>							
<b>E</b>	<b>Concrete Surround</b>						
E1	Supplying and installing of reinforced concrete (B 200) protection concrete encasement for sewer pipe.	LM	15019				
<b>Sub-Total</b>							
<b>F</b>	<b>Air And Water Leakage Test</b>						

F1	Air leakage test for sewer pipe lines 8,10,12 and 15 inch according to specifications, including for all temporary works.	LM	15019				
F2	Water leakage tests for manholes, depth up to 1.5 meter according to specifications.	NR	300				
F3	Water leakage test for manholes , depth up to 2.5 meter according to specification	NR	31				
<b>Sub-Total</b>							
<b>G</b>	<b>Survey work</b>						
G1	Topographical survey required for shop drawings and as built DWGS using absolute Elev. And coordinate system	LM	15019				