

Municipali Taffuh Municipality:
 Class: Infrastructure
 Category: Water Systems

بلدية تافوح
 البنية التحتية
 أنظمة المياه

البلدية
 الفئة
 الصنف

Asset Group	Asset Subgroup	Asset Type	Asset location	Unit	quantity	Year of Valuation	Year of Acquisition	Age of Asset	Acquisition Cost (NIS)/unit	Replacement Unit Cost (NIS)	factor*	New Replacement Unit Cost (NIS)	Asset Replacement Cost (NIS)	Range of Useful Life	Normal Asset of Useful Life	Expected Useful Life	New Useful Life	Remaining age of asset	Yearly Dep.	Accumulated Depreciation (NIS) Through Asset Age	Asset Fair Value - NIS	Source of financing	Valuation Basis	Notes
	Storage Tanks	Main Reservoir (Q=300m ³ / on ground / concrete)	Al-Heora Area	CM	300	2012	1994	18	331	3,740	0.85	3,179	953,700	40-60	50	40	50	32	19,074	343,332	610,368		Straight line method	medium construction quality
	Total of Water Tanks												953,700							343,332	610,368			
Transmission mains	Pipes	Steel DIA 6", t 5/32"		lm	1,330	2012	2008	4	207	207 **	1	207	275,776	10-20	15	15	15	11	18,385	73,540	202,235	MDF	Straight line method	with colloidal concrete lining form inside / with layer of Polyethylene 1.5 mm thickness wrapping from outside
		Steel DIA 4", t 5/32"		lm	2,000	2012	1994	18		240 **	0.85	204	408,000	10-20	15	15	20	1	27,200	489,600	20,400		Straight line method	medium construction quality
	Total of Transmission Pipes												683,776							563,140	222,635			
Valves on Transmission	Gate Valves	2 DIA150mm + DIA100mm ,20bar		No	1	2012	2008	4	12,870	12,870 **	1	12,870	12,870	10-20	15	15	15	11	858	3,432	9,438		Straight line method	chamber of (2*2*1.5m)
		DIA150mm + DIA100mm + DIA 75 mm ,20bar		No	1	2012	2008	4	10,890	10,890 **	1	10,890	10,890	10-20	15	15	15	11	726	2,904	7,986		Straight line method	chamber of (2*2*1.5m)
		DIA150mm + DIA 75 mm 20bar + DIA 25mm washout		No	1	2012	2008	4	9,790	9,790 **	1	9,790	9,790	10-20	15	15	15	11	653	2,611	7,179		Straight line method	chamber of (2*2*1.5m)
		DIA100mm,16bar		No	2	2012	1994	18		7,080	0.85	6,018	12,036	10-20	15	15	20	1	802	14,443	602		Straight line method	chamber of (2*2*1.5m), medium construction quality
	Total of Valves on Transmission												45,586							23,390	25,205			
Pipes - Distribution	distribution pipes	Black Steel DIA 3", t 5/32"		Lm	1,200	2012	1994	18		200 **	0.85	170	204,000	10-20	15	15	20	1	13,600	244,800	10,200		Straight line method	medium construction quality
		Black Steel DIA 3", t 5/32"		Lm	3,000	2012	2004	8	128	200 **	1	220	660,000	10-20	15	15	15	7	44,000	352,000	308,000	OXFAM	Straight line method	with colloidal concrete lining form inside / with layer of Polyethylene 1.5 mm thickness wrapping from outside
		Galvanized Steel DIA 2", t 3.65mm		Lm	10,500	2012	1994	18		8 **	0.85	220	2,310,000	10-20	15		20	1	154,000	2,772,000	115,500		Straight line method	medium construction quality
		Galvanized Steel DIA 2", t 3.65mm		Lm	6,000	2012	2004	8	85	120 **	1	220	1,320,000	10-20	15	15	15	7	88,000	704,000	616,000	OXFAM	Straight line method	with colloidal concrete lining form inside / with layer of Polyethylene 1.5 mm thickness wrapping from outside
		Galvanized Steel DIA 1", t 3.25mm		Lm	2,500	2012	1994	18		100 **	0.75	220	550,000	10-20	15	15	20	1	36,667	660,000	27,500		Straight line method	medium construction quality
		Galvanized Steel DIA (3/4)", t 3.25mm		Lm	500	2012	2004	8		84 **	0.85	220	110,000	10-20	15	15	15	7	7,333	58,667	51,333		Straight line method	executed by the municipality



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With Fixed Rate: 1USD = 4NIS
 1JD = 6NIS

*: See Section 1.1 in main report

** : consultant-estimated replacement cost

