

Estimated Quantity										
#	Description of the Items	Quantity Per Location					Qty/Month	Qty for 5 Months	Unit	Photos
1	Plumbing Items	Tel Saman Camp	Mahmoudly Camp	Twaihyna Camp	Hassaka	Newroz Camp				
1-01	Water Plastic PPR Pipe size: 3/4 inch,PN16, (for drinking water)	16	8	141	12	16	334	668	ML	
1-02	Water Plastic PPR Pipe size: 1 inch,PN16, (for drinking water)	0	4	4	0	8	20	40	ML	
1-03	90 Degree PPR Female Elbow Pipe Fitting 3/4" with one side brass Female 1/2".	12	6	30	0	2	80	160	piece	
1-04	PPR pipe fitting 3/4" female coupling, one side brass female socket 1/2"	15	6	20	20	0	81	162	piece	
1-05	PPR T-shape female 3/4 inch with 1/2" side brass	5	0	18	5	2	48	96	piece	
1-06	PPR Pipe Fitting Elbow 90 Degree 3/4 inch	15	5	55	10	10	150	300	piece	
1-07	PPR Pipe Fitting Elbow 90 Degree 1 inch	0	3	5	0	0	13	26	piece	
1-08	PPR, T-Shape, size: 3/4 inch	5	0	35	10	5	90	180	piece	
1-09	PPR, T-Shape, size:1 inch	0	0	5	0	0	10	20	piece	
1-10	PPR Socket Coupler, Diameter: 3/4 Inch	20	10	60	5	10	165	330	piece	
1-11	PPR Socket Coupler, Diameter: 1 Inch	0	4	5	0	5	19	38	piece	
1-12	PPR pipe fitting, Male threaded elbow ,angel:90 degree, Size: 3/4 inch	0	0	15	0	0	30	60	piece	
1-13	PPR pipe clamp, size: 3/4 inch	0	0	40	0	0	80	160	piece	
1-14	PPR, end cap, type:socket, size: 3/4 inch.	5	0	10	0	0	25	50	piece	
1-15	PPR, thread pipe end plug 1/2 inch	10	0	0	0	0	10	20	piece	
1-16	PPR, thread pipe end plug 3/4 inch	0	0	40	5	20	105	210	piece	
1-17	Iron trunk femal socket size 3/4 inch	2	6	0	10	4	22	44	piece	
1-18	Female plastic Union Joint 3/4 inch	10	0	0	0	0	10	20	piece	
1-19	Metal water taps 1/2"	10	3	270	50	10	613	1226	piece	
1-20	Metal water taps 3/4"	0	3	0	15	0	18	36	piece	
1-21	plastic water taps 1/2"	125	74	450	50	200	1349	2698	piece	
1-22	plastic water taps 3/4"	0	74	0	15	10	99	198	piece	
1-23	Hydraulic water mixer, 30 bar pressure, maximum rotation angle: 90°, maximum temperature: 90°.	1	0	0	0	0	1	2	piece	
1-24	Mixer spare parts Max. Pressure: hydrostatic pressure 30 bar, Max. turn angle:90°, Max.temperature:90 Sealing face of ceramic disc	1	0	30	0	1	62	124	piece	
1-25	PTFE tap: Material PTFE, Size: 19 mm wide, Thickness: 0.1 mm, Length: 15 meter roll	15	10	90	5	30	240	480	piece	
1-26	plastic cover of water tanks, internal diameter size 40 cm and the type as needed in the site (press or spark)	25	20	41	50	4	181	362	piece	
1-27	Hex bushing thread reducer(1/2 inch Male to 3/4 inch Female)	5	10	50	10	0	125	250	piece	
1-28	Hex bushing thread reducer(3/4 inch Male to 1 inch Female)	5	10	45	10	0	115	230	piece	
1-29	Hex bushing thread reducer(1/2 inch Male to 1 inch Female)	5	10	45	10	0	115	230	piece	
1-30	stainless steel Reducer 1/2" to 3/4" (F-F)	0	0	15	0	5	35	70	piece	
1-31	Metal Hex Nipple (1/2 inch).	0	0	0	0	2	2	4	piece	
1-32	Metal Hex Nipple (3/4 inch).	5	6	40	10	15	116	232	piece	
1-33	Metal Hex Nipple (1 inch).	5	6	20	10	1	62	124	piece	
1-34	Toilet Bidet Handle (Shattaf) with Hose by length not less than 90 cm Complete Set (pipe head, Hook, Nail, ...etc)	5	0	115	0	5	240	480	piece	
1-35	Water Heater Plumbing Flexible Hose 1/2 x 1/2 inch Female -not less than 50 cm with gasket	0	0	10	0	15	35	70	piece	

#	Description of the Items	Quantity Per Location								
1-36	Iron water valve , Size: (1/2 inch).	25	5	35	5	1	106	212	piece	
1-37	Iron water valve , Size: (3/4 inch).	0	30	45	0	5	125	250	piece	
1-38	Iron water valve , Size: (1 inch).	0	2	0	0	5	7	14	piece	
1-39	Iron water valve , Size: (2 inch).	0	0	0	0	1	1	2	piece	
1-40	Gate Valve Socket for Water Flow Control by PPR Green, Diameter 1 inch	0	0	5	0	0	10	20	piece	
1-41	PPR water gate valve - 3/4 inch	0	0	21	10	0	52	104	piece	
1-42	Flexible pipe for sink drainage, suitable for kitchen and bathroom basins. Made of PVC material, with a length not less than 70 cm. Equipped with an old-type strainer with a diameter of 70 mm, and includes a sink waste coupling.	15	0	0	0	15	30	60	piece	
1-43	Square stainless steel siphon floor drainage 4 inch	5	0	25	15	15	85	170	piece	
1-44	water heater coil with length 30 cm (cooper type)	0	0	0	0	10	10	20	piece	
1-45	Brass Safety Valve for Water Heater size 1/2 inch	0	0	0	0	5	5	10	piece	
1-46	(Metal-PPR)threaded union size 1 inch	0	0	5	0	4	14	28	Piece	
1-47	(Metal-PPR)threaded union size 3/4 inch	10	0	25	15	3	78	156	Piece	
2 Water Network items										
2-01	Float Valve for Water Tank Stainless Steel 1/2" Inch	40	0	30	0	7	107	214	Piece	
2-02	Float Valve for Water Tank Stainless Steel 3/4" Inch	0	0	10	0	0	20	40	Piece	
2-03	plastic pipe 1/2" for water.	10	10	0	0	0	20	40	ML	
2-04	HDPE 19mm: HDPE PE100% pipe diameter 19mm, pressure 10 bar.	10	0	0	0	0	10	20	ML	
2-05	Connection joint HDPE 19 mm, 12par	15	0	5	0	0	25	50	Piece	
2-06	End cap 63mm, PE 100 PN 16	2	0	0	0	0	2	4	Piece	
2-07	End cap 50mm, PE 100 PN 16	2	0	0	0	0	2	4	Piece	
2-08	HDPE 1inch PE Pn10 Pn16 16bar Irrigation Compression Fittings PP Push Fit Fitting End Plug PP Quick Connector - Poly Pipe Plugs, HDPE Pipe End	0	0	1	0	0	2	4	Piece	
2-09	HDPE pipe compression coupler, pipe fitting coupling (size, 20 mm)With a serrated tip (Male)	15	0	0	0	0	15	30	Piece	
3 Sewerage items										
3-01	PVC drainage pipe, size(2 inch), thickness 2mm	0	0	15	9	0	39	78	ML	
3-02	PVC drainage pipe, size(3 inch), thickness 2mm	0	0	39	9	0	87	174	ML	
3-03	PVC drainage pipe, size(4 inch), thickness 2.9mm	9	6	27	12	0	81	162	ML	
3-04	PVC drainage pipe, size(10 inch), thickness 4 mm	3	0	0	0	0	3	6	ML	
3-05	PVC, P-Trap , 4 inch	5	0	2	5	1	15	30	piece	
3-06	PVC, S-Trap , 4 inch	0	0	2	5	0	9	18	piece	
3-07	PVC, P-Trap , 3 inch	0	0	6	0	0	12	24	piece	
3-08	PVC drainage elbow reducer transitioning from 4" to 2"	0	0	2	15	0	19	38	piece	
3-09	PVC, elbow pipe fitting, size: 4inch , 90 degree elbow	2	0	20	10	1	53	106	piece	
3-10	PVC, elbow pipe fitting, size: 2inch , 90 degree elbow	0	0	10	10	0	30	60	piece	
3-11	T Shape PVC Tee, Size: 4 Inch	2	0	4	10	0	20	40	piece	
3-12	45 Degree Elbow PVC Fitting with size (4 inch)	2	0	10	5	0	27	54	piece	
3-13	45 Degree Elbow PVC Fitting with size (2 inch)	0	0	4	5	0	13	26	piece	
3-14	External reducing coupler from 4 inch drainage line to 3 inch drainage line	0	0	5	5	0	15	30	piece	
3-15	External reducing coupler from 4 inch drainage line to 2 inch drainage line	0	0	5	5	0	15	30	piece	
3-16	4 Inch PVC Sewer & Drain Coupling	0	0	5	0	0	10	20	piece	

#	Description of the Items	Quantity Per Location								
3-17	pipe adhesive for sewerage pipe not less than 200 ml	5	5	10	5	10	45	90	can	
3-18	Ceramic Toilet Seat(squat)	5	1	5	0	2	18	36	piece	
3-19	Plastic washbasin: Polypropylene, shock, and stain resistant. A: 485mm x B: 360mm. C: 185mm. Waste outlet: 40mm	10	0	0	0	0	10	20	piece	