

CODE	DESCRIPTION	QTY	UNIT
<i>HARIR FRUIT PROCESSING PLANT - Grape Juice treatment line 4 t/h</i>			
01-07-00051	<b>Vibroscreener:</b> to screen, separate, filter, by adjustable vibration, fruit pulp, juice, etc.	1	Item
01-07-00052	<b>300 L tank:</b> made in stainless steel AISI 304. Sloped bottom, level regulator for the automatic start-up and stop of the service pump.	1	Item
01-07-00053	<b>Sanitary volumetric pump:</b> made in stainless steel, suitable for food products. Positive pump, single screw type with stainless steel screw rotor and food grade rubber stator.	1	Item
01-07-00054	<b>Pasteurizer:</b> Tubular heat exchanger to pasteurize fruit juices. Cooling section, hot water preparation group, fittings, electric board. All parts in contact with product made in stainless steel.	1	Item
01-07-00055	<b>5000 L mixing tank:</b> for juice clarification by enzyme, bentonite, gelatine. Made in stainless steel, with conical bottom, loading and discharging taps, washing ball, discharging throttle valve, stirrer, supporting legs.	4	Item
01-07-00056	<b>200 L mixing tank:</b> for adding/dosing additives (enzymes, bentonite, gelatine). Equipped with loading and discharging taps, washing ball, discharging throttle valve, stirrer, supporting legs.	2	Item
01-07-00057	<b>Dosing pump:</b> for additive dosage. Made in stainless steel.	1	Item
01-07-00058	<b>Sanitary volumetric pump:</b> made in stainless steel, suitable for food products. Positive pump, single screw type with stainless steel screw rotor and food grade rubber stator.	1	Item
01-07-00059	<b>Filter:</b> using fossil flour as filtering means.	1	Item
01-07-00060	<b>5000 L tank:</b> made in stainless steel, with conical bottom, loading and discharging taps, washing ball, discharging throttle valve, supporting legs.	1	Item
01-07-00061	<b>Sanitary volumetric pump:</b> made in stainless steel, suitable for food products. Positive pump, single screw type with stainless steel screw rotor and food grade rubber stator.	1	Item
01-07-00062	<b>Cooler:</b> tubular exchanger to refrigerate the juice up to 2 to 0 °C. Refrigerating group and fittings. All parts in contact with product made in stainless steel.	1	Item
01-07-00063	<b>Electric control board:</b> made in stainless steel, with door in order to allow a complete internal inspection. The unit has to include main automatic switch, on/off switches, warning lights, automatic overload cutout to protect the motors.	1	Item
01-07-00064	<b>Fittings:</b> Accessories, connections, taps, valves, piping, joints, reducers, bends, tees, manual sanitary valves, pipe holders and support etc. made in stainless steel to connect utilities to the process equipment. Working platforms are also included.	1	Set
<i>HARIR FRUIT PROCESSING PLANT - Grape Juice Cold Store (0°C)</i>			
01-07-00065	<b>20,000 L tank:</b> made in glass-resin, or equivalent material, for detartarization activity (sedimentation at low temperature for 7 days). Equipped with loading and discharging taps, washing ball, discharging throttle valve, inspection man-hole, supporting legs	30	Item

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01-07-00066	<b>550 m2 Prefabricate Structure:</b> cold store type, to maintain the temperature of the juice into the 30 tanks at (0 to +2 °C). Refrigerating group and all required instrumentation, electric connections, fittings and accessories.	1	Set
01-07-00067	<b>Centrifugal pump:</b> to move and transfer fruit juice. All part in contact with product made in stainless steel.	2	Item
<i>HARIR FRUIT PROCESSING PLANT - Detartarized Grape Juice Preparation line</i>			
01-07-00068	<b>Filter:</b> rotating drum type using fossile flour as filtering means.	1	Item
01-07-00069	<b>5000 l tank:</b> made in stainless steel, with conical bottom, loading and discharging taps, washing ball, disharging throttle valve, supporting legs.	1	Item
01-07-00070	<b>Filter:</b> plate filter type utilising mill board (carton) cartridge as filtering means.	1	Item
01-07-00071	<b>1000 L tank:</b> made in stainless steel, with conical bottom, loading and discharging taps, washing ball, disharging throttle valve, supporting legs.	1	Item
01-07-00072	<b>Sanitary volumetric pump:</b> made in stainless stee, suitable for food products. Positive pump, single screw type with stainless steel screw rotor and food grade rubber stator.	1	Item
01-07-00073	<b>Electric control board:</b> made in stainless steel, with door in order to allow a complete internal inspection. The unit has to include main automatic switch, on/off switches, warning lights, automatic overload cutout to protect the motors.	2	Item
01-07-00074	<b>Fittings:</b> Accessories, connections, taps, valves, piping, joints, reducers, bends, tees, manual sanitary valves, pipe holders and support etc. made in stainless steel to connect utilities to the process equip ment. Working platforms are also included.	1	Set
<i>HARIR FRUIT PROCESSING PLANT - Packaging material</i>			
01-07-00075	<b>Straw:</b> packed in transparent paper. To be glued on the container.	4,000,000	Pieces
01-07-00076	<b>Adhesive:</b> adequate amount of appropriate adhesive for straw applicator.	2	Set
01-07-00077	<b>Packaging material:</b> 250 ml brick shape container to package fruit juices.	4000	Lot
01-07-00078	<b>Ink:</b> Adequate amount for code printing sytem	2	Set
01-07-00079	<b>Glue:</b> Adequate amount, for cardboard packer	1	Set
01-07-00080	<b>Cardboard tray:</b> suitable to pack 12 containers	148,500	Pieces
01-07-00081	<b>Metallic cans:</b> Lithographed cans, 4 colours (99 x 119 mm)	1000	Set
01-07-00082	<b>Thermoshrinkable film:</b> to wrapp cardboard tray.	200	Each
<i>HARIR FRUIT PROCESSING PLANT - Additives and filter material</i>			
01-07-00033	<b>Fossil flour:</b> type W 24, filter aid.	70	ton
01-07-00084	<b>Fossil flour: type W 7, filter aid</b>	10	ton
01-07-00085	<b>Crystallization starter:</b> Kristalflash type, to accelerate tartrates sedimentazion.	1.5	ton
01-07-00086	<b>Enzyme:</b> Zimopec PML type (liquid), to increase juice extraction	150	Kg
01-07-00087	<b>Enzyme:</b> Zimopec Px1 type (powder), for juice clarification.	160	Kg
01-07-00088	<b>Mill-board (carton) cartridge filter:</b> type A3 (40 x 40 cm).	20000	Nos

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01-07-00089	<b>Gelatin:</b> Gelsol type (filter aid).	1500	Kg
<i>TOMATO PROCESSING PLANT - Spare parts</i>			
01-07-00090	<b>Spare parts:</b> According to the experience of the equipment manufacturer, required spare parts will be provided. Reference is made to processing equipment, laboratory, utilities system and miscellaneous equipment.	1	Lot
01-07-00091	<b>Tomato pulper spare parts:</b> shaft, joint, bearings and seals	1	Set
01-07-00092	<b>Pasteurizer spare parts:</b> heating pipes and cooling pipes	2	Set
01-07-00093	<b>Filler spare parts:</b> motor and conveyor protection, knob	1	Set
01-07-00094	<b>Seamer spare parts:</b> Electric board, ink jet printer head	1	Set
01-07-00095	<b>Plate evaporator spare parts:</b> diaphragm gauges	2	Unit
01-07-00096	<b>Steam generator spare parts:</b> boiler body	1	Unit
01-07-00097	<b>500 L S.S. mixing tank:</b> for dosing bentonite with accessories	2	Unit
01-07-00098	<b>Dosing pump:</b> for additive dosage	1	Unit