

Pos.	Description Components	Observation	Valuation
1	<p><b>General Information</b>  Asphalt Plant System "discontinuous" Batch Plant Tower Construction.  Brand INTRAME  Made in Spain all components and installed Items only by EC origin.  Type TM 260  YOM 2004  Capacity 260 mt/h at 4% Humidity.  Environmental Status belong to EC Standard.  Modern full automatic computer direction.</p>	<p>Technical updated of Complete Plant in 2018 by Spanish professional Factory</p>	
2	<p><b>Aggregate dosing hoppers</b>  As for the aggregate dosing hoppers, they are composed of five T-75 units of 8.5 m<sup>3</sup> each, load width 3.36 m.  Each hopper is supplied with a belt feeder powered by an electric motor of 3 kW (4 HP) of alternating current and variable speed.  Length 1,250 mm, band width 550 mm, with 50 mm edge.  Vibrators driven by vein sensor in both sand hoppers, 800 mm band conveyor, with electric motor of 7.3 kW (10 HP).  Reversible metallic structure (for both sides), able to contain the lands with which the feeder ramp for the loader is built.  Emergency stop by steel cable with pull switch and safety relay.  Sheet / grid protectors covering the area of feeders.  Extensions with anti-pollution.</p>	<p>Totally rebuild new qualitative painting</p>	
3	<p><b>Dryer</b>  As for the dryer we can say that it consists of:  Introducer tape that collects the material that comes from the collection belt of the hoppers in cold, 800 mm band, electric motor power of 4 kW (5.5 HP).  Drum dryer 2,438 mm in diameter per 10,080 mm in length, operated by four motorized rollers of 22 kW (30 HP) each.  Access door with lock security.  Medium pressure burner, without refractory's. Capacity of 25,000,000 kcal / h, prepared for burn heavy fuel oil, fuel pump, turbocharger of 44 kW (60 HP).  Continuous and oil heat exchanger to raise fuel temperature.</p>	<p>Totally rebuild new qualitative painting new Isolation of 5cm Stone wool and covered by hot galvanized steel sheet.</p>	
4	<p><b>Bag Filter</b>  Sleeve filter, brand INTRAME, model RVM-462, built with Corten steel sheet, lacquered with mineral wool blanket and metal wrap. The cleaning system is by inverse atmospheric air intake through a rotary valve, which connects the sleeves to the outside. The cleaning cycle is automatic, controlled by a differential pressure sensor between dirty and clean air chambers.</p> <ul style="list-style-type: none"> <li>• Number of sleeves: 462.</li> <li>• Filtering surface: 742m<sup>2</sup>.</li> <li>• Maximum temperature: 220C°.</li> <li>• Sleeve Fabric: Nomex Type.</li> <li>• Weight of the same: 500 g/m<sup>2</sup>.</li> </ul> <p>Access door for inspection, with security lock.  Exhaust fan driven by electric motor of 132 kW (180HP), provided with access door that incorporates a security lock.  Radial damper with inclinable blades for perfect regulation of the air flow, with remote control from the cab.  This type of gate facilitates fan start-up.  Regimental chimney with access ladder and platform for sampling.  The extraction of the dust, deposited in the base of the filter, is carried out by three augers operated by motors of 3 kW (4 HP) each.  A fourth auger driven by an electric motor of 5.5 kW (7.5 HP) transports it to the corresponding elevator.</p>	<p>Totally rebuild new qualitative painting</p>	
5	<p><b>Mixing dosing Unit - Tower integrated</b>  Tower, mixing dosing unit, composed of:  • Aggregate weighing hopper of 5500 kg capacity, for cumulative weighing of the four aggregate sizes. Weighing by means of three extensio metric cells, pneumatic actuator of the discharge gate.</p>		

	<ul style="list-style-type: none"> <li>• Asphalt weighed hopper, cylindrical section, capacity for 300 l, with chamber heating by oil, weighed by strain gauges.</li> <li>• Filler / dust weighing hopper with 350 kg capacity, unloading into the mixer by worm screw, heavy by extensiometric cell.</li> <li>• Pressure asphalt injection system, pump with oil heating chamber, 11 kW (15 HP). Irrigation ramp for a perfect distribution on the mixer.</li> <li>• Low speed twin shaft mixer Capacity of 3250 kg, two motor-reducers of 37.5 kW (50 HP) each, hot oil heating chamber, hinged doors for easy inspection and replacement of blades, arms, etc., joined by a frame equipped with safety lock, pneumatically operated discharge gate, paddles and replaceable lining in NI-Hard.</li> <li>• Platforms, stairs and rails for access to all areas of the tower.</li> <li>• Pneumatic installation, for control of all gates and supply of air to the burner, includes connection pipes, pressure regulator, filters, manometers, vents ...</li> <li>• A motor-compressor of screw of 30 kW (40 CV), soundproofed, to satisfy all the needs of the plant.</li> </ul>	Totally rebuild new qualitative painting	
6	<p><b>Hot Aggregate Hopper - Tower integrated</b></p> <p>Aggregate hopper, with four compartments, with pneumatically operated discharge gates.</p> <p>Capacity 24 m3. Gutters of leftovers and rejections. Made of anti-wear sheet in inclined areas, where sheets are also placed horizontally that retain a small part of aggregate, which supports the following impacts. Indicator of average electrical level, of the capacitive type, in each compartment.</p>	Totally rebuild new qualitative painting	
7	<p><b>Hot Store finish Product - Tower integrated</b></p> <p>Total capacity 55 m3 Approx. 75 mt 2 pneumatic doors for discharges</p>	Totally rebuild new qualitative painting	
8	<p><b>Filler Deposits</b></p> <p>Vertical silo for filler and dust:</p> <p>Filler system of contribution: Cylindrical silo with capacity of 40 t with minimum levels a maximum indicated in cabin. External pneumatic loading system, filter with cleaning pneumatic, endless of silo to weighing scale with motor of 5,5 kW (7,5 CV).</p> <p>Recovered filler system: Cylindrical silo with 40 t capacity with maximum level signaled in the cabin, suction tube connected to the previous filter, elevator buckets, vertical, closed, driven by 3 kW motor (4 HP), with regulation hopper and reject tube to drive the excess to the silo, auger from the filler regulation hopper to Weighing hopper with 4 kW motor (5.5 HP). Auger that collects the filler that comes from the recovery silo and takes it to the filler elevator, with a 4 kW (5.5 HP) engine.</p> <p>Endless Outdoor discharge powered by 9.2 kW (12.5 HP) engine.</p> <p>Both silos are placed one on top of the other forming a single unit</p>	Totally rebuild new qualitative painting	
9	<p><b>Asphalt and Fuel Tanks</b></p> <p>2 units of Asphalt tank of 60 + 40 m3 additional 1 unit Fuel Tank of 60 m3 cylindrical, built in steel plate welded to the electric and coated with a layer of mineral wool 80 mm thick and aluminum envelope. Heating oil in 2 "diameter seamless drawn steel tube, mounted on supports through which it can slide to allow expansion. Mouth for personal access with screwed cover to allow opening in case of over-pressure in the tank. On the lid of said mouth is mounted the ventilation with grid extinguishes fires, bore hole with plug. Couplings with flanges for coupling of discharge and load heating pipes. Pneumatic temperature control of the tank with indication of that and thermostatic valve that acts on the oil passage, ladder, walkways and handrails. Level with buoy with direct reading. Installation of pipes incorporated. It includes all the pipes necessary to drive the asphalt, the fuel and the oil thermal system so that each of these elements faithfully fulfils its purpose. These pipes are made of stretched steel without welding and their different sections are joined with easily removable flanges. The asphalt pipes have a jacket for the circulation of thermal oil. Valves and taps designed to withstand high temperatures.</p> <p>The pipes required in each case are mounted on the frames of each tank.</p>	Totally rebuild new qualitative painting	

10	<p><b>Heating Central</b>  Boiler Intrame model DSH-55, for thermal oil, built according to directive 97/23 / CE, German code AD Notes and DIN 4754: 1994, heat capacity of 640 kW (550 Mcal/h) at a maximum temperature of 210 °C. Equipped with double coil of stretched steel tube heat resistant, insulated with mineral wool blanket and aluminum envelope. For oil circulation, horizontal centrifugal pump driven with electric motor of 7.5 kW (10 HP). Burner with a gross thermal power of 752 kW (647 Mcal/h), which incorporates a pump to inject the fuel in a pulverized state. As standard, it is expected to be diesel.  Security elements:  •□Pumping equipment: automatic combustion stop in case it stops.  •□Equipotential ground connection: boilers, combustion equipment and control panels.  •□Peephole for vision of the glass flame.  •□Automatic stop device.  •□Stop device of the heat input system.  •□Burner adjustment device: two gears that are automatically selected according to the return temperature.  •□Maximum temperature safety.  •□No flame safety (burner lock).  •□Safety of lack of combustion air (gas burner).  •□Sealing safety (gas burner).  •□Automatic ignition security (control by ignition relay LANDIS LAL 2.025).  •□Thermal oil level safety.  •□Flow safety (differential pressure switch).  •□Overpressure safety (maximum pressure switch).  •□Safety by smoke temperature (maximum thermostat).  •□Acoustic alarm by triggering of any security system.</p>	Totally rebuild new qualitative painting	
11	<p><b>Electric and Electronic Installation</b>  Total new made Electric installation and cabling installed in the control cabin. Complete new Cables Set of total plant components.  Total new made Electronic Installation by modifications from analogical system to modern full computerized automatic direction system and control by 2 screens working on windows.</p>	Totally rebuild Complete new installation	
12	<p><b>Small Items</b>  All Items like Steps, Walkways, pipes, Air Ducts, Screw conveyors new painted and repair partially.</p>	Partially repairs and new qualitative painting	
	<p><b>The current financial value of the facility will be determined taking into account all new components as well invested working time and also in combination with the current market value of a facility of this technical type and Size of Plant</b></p>		