

ACCOUNT NAME: PUREFEEDS CORPORATION

LOCATION: Glowdel Street, First Bulacan Industrial City, Barangay Tikay, Malolos, Bulacan

INVENTORY OF MACHINERY & EQUIPMENT

QTY.	TYPE	BRAND	DESCRIPTION
LOT	EXTRUSION COOKING EQUIPMENT FOR PRODUCTION OF QUICK COOKING RICE	Wenger Manufacturing, Inc., Made in USA,	640 to 700 grams per liter bulk capacity, 950 to 1,200 kilograms per hour maximum capacity, 33 to 35% moisture content exit extruder, 11 to 13% moisture content after cooling, consisting of:
1	BATCH MIXER	N/A	Stainless steel construction, 900 mm wide x 1500 mm long overall dimension, 1 cubic meter swept volume, ribbon type agitator, bolted gasketed cover lid with openings for material input and vents, air operated discharge gate, v-belt drive with shield, reducer, motor mount and 11 kW (15 Hp) drive motor, equipped with:
1	Surge Bin	N/A	Stainless steel construction, 1.5 cubic meters capacity, discharge screw with 610 mm extension including reducer, guard and 1.5 kW (2 Hp) drive motor, with access door
1	Control Panel	N/A	Mild steel enclosure, IP65 (NEMA 4), graphic process flow, start/stop push buttons and pilot light for each motor in the system
1	EXTRUSION COOKER	Magnum ST series	Twin screw type, 115 mm screw diameter, stainless steel construction, with super torque (ST) gear box, 5000 Nm designed torque per output shaft, 523 kW (700 Hp) designed max. drive motor rating, helical gearing for speed reduction, equipped with:
Lot	Oil Lubrication System	N/A	Consisting of reservoir, oil filter, safety interlock system, 1.5 kW (2 Hp) constant speed motor, oil to water heat exchanger
1	Extruder Main Drive Motor	N/A	94 kW (125 Hp) rated capacity, inverter duty, with variable frequency drive
1	Conditioning Cylinder	N/A	Double shaft, 304 stainless steel construction, with hinged access doors, injection ports for steam and water, downspout with bypass spout, cylinder support, 15 kW (20 Hp) constant speed drive motor
1	Screw Feeder	N/A	350 kilograms per hour to 1,900 kilograms per hour dry feed rate, 550 grams per liter dry feed density, stainless steel screw and housing, with quarter section cleanout, 1.1 kW (1.5 Hp) drive motor with variable frequency
1	Anti Bridging Circular Bin	N/A	Stainless steel construction, high and low level switches, inspection door and sight glasses, 0.75 kW (1 Hp) constant speed motor
1	Knife Drive	N/A	Heat treated stainless steel blades and stand, with castors and floor locks, 3.8 kW (5 Hp) drive motor with variable frequency drive, safety disconnect switch
1	Knife Hood	N/A	Stainless steel construction enclosure for rotating cut-off knife
1	Special Pneumatic Hood	N/A	Mounted to extruder frame, integral part of knife hood, with flexible hose connected to negative airlift conveying system
1	Plumbing	N/A	Plumbing manifolds and valves for extruder head jackets, automatic actuators for temperature control
1	Steam Injection	N/A	With surge tank, pressure regulating valve, 2 rotameters
1	Control Panel	N/A	2 pressure regulating valves, 2 steam flow meters with digital readout
1	Water Injection System	N/A	Mild steel enclosure, IP65 (NEMA 4), graphic process flow, digital indicator of extruder motor load, digital indicator of feed screw speed, hour meter, digital indicator/controller for each temperature zone, start/stop push buttons and pilot light for each motor
1	MAC NEGATIVE AIRLIFT CONVEYING SYSTEM	N/A	Stainless steel conveying lines and fittings, tubings, couplings, elbows, 18 meters horizontal distance, 6 meters vertical distance, stainless steel cyclone receiver, cast stainless steel food grade airlock with roller chain drive, 0.75 kW (1 Hp) gear motor, mild steel fan with v-belt drive, 30 kW (40 Hp) motor
Lot	DRYING/TEMPERING/COOLING SYSTEM Consisting of:		
1	Rotary Pre-Dryer	N/A	Stainless steel construction, 800 mm diameter x 3 meters long, adjustable slope, 0.55 kW (0.75 Hp) gear motor and chain drive, with stainless steel reel and tubular frame
1	Centrifugal Cooling Fan	N/A	V-belt driven by 2.2 kW (3 Hp) motor
1	Exhaust Fan	N/A	Driven by 3.8 kW (5 Hp) motor
Lot	Dryer and Cooler	N/A	Stainless steel modular construction, 3 pass dryer and 2 pass cooler, 46.8 square meters total drying area, 15.6 square meters total tempering/cooling area, 138 degrees Celcius (280 degrees Fahrenheit) maximum temperature of insulated enclosure, side panel doors, high temperature fiberglass insulation

ACCOUNT NAME: PUREFEEDS CORPORATION  
 LOCATION: Glowdel Street, First Bulacan Industrial City, Barangay Tikay, Malolos, Bulacan

**INVENTORY OF MACHINERY & EQUIPMENT**

QTY.	TYPE	BRAND	DESCRIPTION
1	Product	N/A	Oscillating dual spout spreader, stainless steel spouts, welded tubular frame, 0.55 kW (0.75 Hp) motor
1	Lump Breaker	N/A	Driven by 0.75 kW (1 Hp) motor
Lot	Conveyor System	N/A	Polyester mesh screen type, 138 degrees Celcius (280 degrees Fahrenheit) maximum temperature, top pass conveyor, middle pass conveyor and bottom pass conveyor each driven by 0.8 kW (1 Hp) motors
Lot	Fans and Ductings	N/A	2 plug style recirculating fans for each dryer section, driven by 7.5 kW (10 Hp) motors, with dryer air exhaust, dryer exhaust fan with 7.5 kW (10 Hp) motor, cooler fan with 1.5 kW (2 Hp) motor, second cooler fan with 7.5 kW (10 Hp) motor
Lot	Heating System	N/A	Stainless steel tube coils, 10 bar (10 kilograms per cubic centimeter) (150 psig) pressure, temperature controller per section, control valves, steam traps, strainers, check valves
Lot	Humidity Controls	N/A	Programmable controller located in control panel, with sensor mounted in dryer exhaust duct, control valves, steam traps, strainers, check valves
1	Control Panel	N/A	Mild steel enclosure, IP65 (NEMA 4), water tight, emergency stop push button, alarm horn and beacon, graphic process flow, digital indicators, start/stop push buttons and pilot light for each motor, temperature controllers
1	VIBRATING FINISHED PRODUCT SCREENER	N/A	Welded stainless steel construction, 236 mm wide x 3.7 meters long, fiberglass springs, eccentric drive, belt driven with 0.55 kW (0.75 Hp) constant speed motor
Lot	AUTOMATED PROCESS MANAGEMENT (APM) SYSTEM FOR COMPUTER CONTROL	N/A	915 mm wide x 1118 mm high x 940 mm depth mild steel operator console enclosure, workstation computer including hard disc drive, back up system, communications module, UPS, 482 mm (19 inches) flat panel color touch screen monitor, keyboard with integral pointing device, Microsoft Windows, Rockwell Software RSView32 Runtime, RS Logix 5000 PLC software, graphic display, alarm and historical retrieval, scheduled maintenance of extruder, real time and historical process trending, gravimetric feed control, stainless steel surge bin with air operated slide gate, load cells and summing box for extruder live bin, 2 water flow meters with digital readout, 2 remote actuated valves for water, 2 remote actuated valves for steam
Lot	CONTROL PROGRAM	N/A	Mild steel enclosure, IP65 (NEMA 4), water tight, Allen- Bradley ControlLogix programmable controller system with Ethernet, motor start/stop interlock logic, gravimetric dry feed rate, temperature of thermal zones, speed of motors, specific mechanical energy measurement of main drive, water, steam and other liquid injection flow controls, mixer surge bin feed screw, negative airlift conveying system, vibrating screener
Lot	MOTOR CONTROL CENTRE	N/A	Mild steel free standing enclosures with legs, IP10 (NEMA 1), 3 phase, equipped with contactors, thermal overload relays, over-current motor protection, starter control circuits, variable frequency drives, wiring
Lot	INSTALLATION AND SUPERVISION	N/A	
Lot	START-UP SERVICE	N/A	

REMARKS: INTERCONNECTED WITH RICE FLOUR PROCESSING SYSTEM; NOT FULLY-INSTALLED

LOT	RICE FLOUR PRODUCTION PLANT	2.5 metric tons per hour of broken white rice transforming it to rice flour with a gravimetric efficiency of at least 96%
1	Dump Hopper	N/A
1	Intake Bucket Elevator	N/A
1	Receiving Rice Brokens Silo	N/A
1	Rice Magnet	N/A
1	Heat Treatment Drum Dryer	Kice, made in USA
1	Tempering Bin	N/A
1	Double High Roller Mill	Golfetto Sangati, made in Italy
1	Plansifter	Great Western Manufacturing, made in USA
1	Impact Volumetric Flow Control	Golfetto Sangati, made in Italy
1	Automatic Packing Machine	Raumak Packaging, made in Brazil
5	Bins for Rice Flour	ROFF
7	Cyclones with Air Locks	Kice Industries, Inc., made in USA
1	Air Power Unit	Kice Industries, Inc., made in USA
1	Variable Screw Feeder	N/A

REMARKS: INTERCONNECTED WITH EXTRUSION COOKING EQUIPMENT FOR PRODUCTION OF QUICK COOKING RICE; NOT FULLY-INSTALLED

ACCOUNT NAME: PUREFEEDS CORPORATION  
 LOCATION: Glowdel Street, First Bulacan Industrial City, Barangay Tikay, Malolos, Bulacan

**INVENTORY OF MACHINERY & EQUIPMENT**

QTY.	TYPE	BRAND	DESCRIPTION
LOT	BIOMASS FIRED STEAM BOILER	Hurst, made in USA	250 BHP maximum capacity, 8,625 pounds per hour, 150 psig design pressure, 100 psig operating pressure, fire tube/water tube type, consisting of:
1	Biomass Fuel Gasifier	N/A	Steel plate front furnace, reinforced steel sides and rear, 9 nches thick clay refractory walls, 3,000 degrees Fahrenheit service temperature, refractory anchor brick, equipped with 2 dual screw metering bins with AC type variable speed controller and bin level indicator, sloped reciprocating grate type stoker fuel feed conveyor, drag chain ash removal conveyor with through, belt driven combustion air blower with TEFC motor, combustion air duct work, air cooled observation ports with heat shields and sight glasses, cast iron over fire access doors with heat shields and lockable handles
1	Burner	N/A	Steel plate front furnace, reinforced steel sides and rear, 9 nches thick clay refractory walls, refractory anchor brick, equipped with belt driven combustion air blower with TEFC motor, combustion air duct work, over fire inspection/access doors with lockable handles
1	Pressure Vessel Fire Tube Generator Section	N/A	Zinc coated steel jacket material with galvanized screws, with 2 inches thick fiberglass insulation, consisting of front and rear smoke boxes, complete with twin hinged air tight doors with internal insulation, steam and water inspection and blowdown openings, Pressure Vessel Water Tube Radiant Section
1	Pressure Vessel Fire Tube Generator Section	N/A	Zinc coated steel jacket material with galvanized screws, with 2 inches thick fiberglass insulation, 1/2 inches thick front plate and rear plate, blowdown openings on each lower drum, flanged inspection openings on the end of each drum
Lot	Boiler Trim and Limit Control Valves	N/A	Relief valves, 1 chemical feed gate valve, 2 chemical feed check valves, feedwater globe and check valves, 1 quick fill check valve, 1 quick fill globe valve, gate type main steam valve, primary probe type with tricrocks, gauge glass and pump controller, secondary probe type high water cut-off, 4 to 20 milli ampere pressure transmitter for fuel feed/combination air modulation
Lot	Access Platforms and Ladders	N/A	
Lot	Soot Blowers with Receiving Tank	N/A	
Lot	Pollution Control and Induced Draft	N/A	Consisting of flanged flue gas ducting, 1 gasifier/combustion air preheater, tubular air to air operation, primary dry mechanical multiple cyclone fly ash arrestor with rotary air lock valve, hopper vibrator and access door, discharge chute to main ash conveyor, feedwater economizer, centrifugal type induced draft fan, smoke stack (chimney)
Lot	Electrical Control System	N/A	Mild steel plate enclosure (NEMA 12), 10 gauge steel primed and painted, programmable logic controller, power supply, rack, communication modules, input/output modules, touch screen computer with interface software for automatic control of operating steam pressure, temperatures, fuel flow and combustion air flow, steam pressure transmitter, oxygen sensing device, variable frequency drive controller, circuit breakers, motor starters, motor disconnects, automatic shut down during system failure
Lot	Boiler Feedwater Deaerator System	N/A	Consisting of welded steel tank with steel stand, deaerating section with spray valves, tank drain opening and valve, 1 feed water pre-heater, steam injector, external type inlet controller, lever type inlet valve, by pass manual inlet valve, gauge glass, thermometer, pumps with motor, water pressure gauges, pump isolating valves
Lot	Fuel Storage Unloader	N/A	
<b>REMARKS: DISMANTLED AND NOT INSTALLED (SOME COMPONENTS WERE FOUND BESIDE THE RICE EXTRUDER COOLING CONVEYOR WHILE SOME COMPONENTS WERE FOUND IN</b>			
1	TRUCK SCALE	N/A	80 tons estimated capacity, 4 meters wide x 16 meters long weighbridge dimension, complete with load cells, weighing indicator, model MU-790, digital type monitor, printer, UPS
1	OVERHEAD TRAVELLING CRANE	Morris	10 tons capacity, double girder