

Sr No.	Item description	Unit	Qty
1	Equipment wire, Flexible, Size: 1mm ² , Length : 90Meter, 40/0076", Color: Red, Black and Green, Total Quantity: 03	Reel	3
2	Equipment wire, Flexible, Size: 0.5mm ² , Length : 90Meter, 23/0076", Color: Red, Black and Green, Total Quantity: 03	Reel	3
3	Equipment wire, Flexible, Size: 2.5mm ² , Length : 90Meter, 110/0076", Color: Red, Black and Green, Total Quantity: 03	Reel	3
4	Panel Wire, Size:6mm ² ,Current carrying capacity: 40 Ampere, No of cores : 3	Meter	9
5	Panel Wire, Size:10mm ² ,Current carrying capacity: 54 Ampere, No of cores : 5	Meter	10
6	Copper Bus bar - Width: 20mm	Feet	5
7	Heat Shrink Sleeveing Tube Color: Red, Green, Blue Length: 2 inch, Diameter: 4mm ² , 10mm ²	Pcs	150 each
8	Insulated Crimp terminal, Fork Type, Insulation Color: Red, Blue (2 types) Cable Size:0.5 mm ² , stud size as per Relay Socket connection	Dozen	4 each
9	Din rail terminals , feed through symmetric for 1mm ² , 2.5mm ² , 6mm ² , 10mm ² (total 4 types)	Dozen	2 Dozen for each type
10	Earth leakage circuit breaker, Number of Protected poles : 2, Rated Current : 40, Make : CHINT sensitivity : 30 / 300mA or equivalent	No	1
11	Schneider or equivalent circuit breaker NSX100F, TMD trip unit 100A, 3-poles	No	1
12	Magnetic Contactor, Make: CHINT, Coil Voltage: 220VAC to 240VAC, No. of Poles: 3P, Current rating three phase : 15 Amps or Equivalent	No	4
13	Thermal Overload Relay for Magnetic Contactor, Make: CHINT, Current Range : 12 to 15 Amp or Equivalent	No	4
14	Magnetic Contactor, Make: CHINT, Coil Voltage: 220VAC to 240VAC, No. of Poles: 3P, Current rating three phase : 7 Amps or Equivalent	No	2
15	Thermal Overload Relay for Magnetic Contactor, Make: CHINT, Current Range : 4 to 7 Amp or Equivalent	No	2
16	Magnetic Contactor, Make: CHINT,Coil Voltage: 220VAC to 240VAC, No. of Poles: 3P, Current rating three phase : 5 Amps or Equivalent	No	3
17	Thermal Overload Relay for Magnetic Contactor, Make: CHINT, Current Range : 2 to 5 Amp or Equivalent	No	3
18	Under and Over Voltage protection, Adjustable current and voltage or equivalent, Over Voltage range : above 462 VAC, Under Voltage range : Below 370 VAC Over Current range : 0-40Amp	No	1
19	EMI Noise filter for DC Voltage : 220 VAC, Current : 6 Amp	No	3
20	Panel Fan, Operating Voltage: 220VAC, Size : 6 inch	No	4
21	Miniature Circuit Breaker, Make: Chint, No of Poles : 3P, Rated current: 15A	No	4
22	Miniature Circuit Breaker, Make: Chint, No of Poles : 3P, Rated current: 7A	No	2
23	Miniature Circuit Breaker, Make: Chint, No of Poles : 3P, Rated current: 4A	No	3
24	Power Distribution Strip, Voltage: 220VAC, Material: Nylon, Color: Black, No of pins : 6	No	5

Serial #1 to 83 cut # 3 at 9 connections + (cables and related items etc)

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25	Power Distribution Strip, Voltage: 220VAC, Color: Black, No of pins : 10	No	5
26	Industrial Male Socket, No of pins: 5 pin, Current capacity: 64A	No	2
27	Din Rail Mount Power Supply, Voltage : 24VDC, Current : 6.2 Amp, Make: MeanWell	No	2
28	Cable wire ties, Size: 4 inch, 6 inch (2 types)	Pkt	4 each
29	Programmable logic controller PLC, Make: Delta, Model: DVP20SX211T, Type: Transistor, No. of inputs: 8, No. of outputs : 6, Analog Input: 4, Analog Out: 2, Supply:24VDC	No	1
30	Analog/Digital Output Extension Card PLC Delta DVP20SX311T	No	1
31	Analog/Digital Input Extension Card PLC Delta DVP20SX311T	No	1
32	Thermocouple Module Make: Delta Model: DVP20SX311T	No	1
33	RS485 Communication Module Make: Delta Model: DVP20SX311T	No	1
34	Human Machine Interface, HMI, Make: Delta, Model: DOP110CS	No	1
35	Female header: Size : 2.54mm, No of channel: 40	Dozen	4
36	Multi Sockets, Input : 2 Pin	No	6
37	Banana Plug, Pure copper Platted, Stackable, Size: 4mm	Dozen	1
38	Extension Board, CMS 118 or Equivalent	No	2
39	Slotted Duct, Size: 25x60MM, Size: 25x40MM, Size: 40x60MM (3 types)	No	4 each
40	Slotted duct, Din rail Channel, Width: 35M, Length: 1 meter	No	10
41	Trasparent Spiral Pipe for Wiring 6mm 25 meter	No	2
42	Trasparent Spiral Pipe for Wiring 10mm 10 meter	No	4
43	Line Up, Terminal Block, 2.5mm, 4mm (2 types)	Dozen	2 each
44	End Stopper, Line Up	Dozen	2
45	Din rail Ground Earthing Terminal Block	No	2
46	Replacement Soldering iron For Suoer 878A station, No of Pins: 5, Wattage: 60, Voltage: 24V	No	1
47	Relay card, Trigger Voltage:24VDC, No of channel: 8, Relay Contact: 1No 1NC, Relay contact Current : 6Amp	No	2
48	Din rail Slim Type relay with Base, Make :FGCK, Model : 41F-1Z-C2-1, Coil: 24Vdc, Contact current : 6A	No	12
49	Push button with indicator & locking nut, Model: LAS4Y-11/G/24V, make: ONPOW, Size: 8mm, Color: Green, Red, Yellow (3 types) operation type: momentary, 1NO/1NC, LED voltage: 24V, Type: Round	No	5 each
50	Push button with indicator & locking nut, Model: LAS4Y-11Z/G/24V, make: ONPOW, Size: 8mm, Color:Color: Green, Red (2 types) operation type: Latching, 1NO/1NC, LED voltage: 24V, Type: Round	No	5 each
51	Emergence stop button with indicator & locking nut, Model: ONPOW26BK-11Z/R/220V, Make: ONPOW, Current rating: 10A, 220VAC, Size: 22mm, , operation type: Latching	No	5
52	Rochester Sensors T/LL350 Capacitance Liquid Level Sensor with Max Contact	No	1
53	Baumer CleverLevel point level sensor LBFS-01111.0 - 11044623	No	3
54	Motor Protection Relay XJ3-G Phase Sequence Protection and Faulty Relay; Coil Rated Voltage: AC420V. Make CHINT or equivalent	No	3
55	QDX50E Mechanical type Adjustable Pressure Switch or Equivalent	No	1
56	Digital Temperature indicator and Controller Model TK4S-24RR AUTONICS with Thermocouple sensor K type	No	1
57	Emergency ON/OFF Switch Chint or Equivalent	No	2
58	WIKA Pressure transmitter A-10 Range -1 to +4 bar	No	1

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59	Baumer Pressure Sensor CTX-3.3.3.B79.0 Range -1 to +9 bar	No	1
60	Schneider DM3210 CI 0.5 LED Three Phase Ammeter or Equivalent	No	1
61	Chint BH (SDH)-0.66 60 II Current Transformer	No	6
62	Nan kong or equivalent Oil Flow Meter Port Size 1.5" and Capacity 3000 Ltr/Hr with 4-20mA output or Digital RS485	No	1
63	Moisture in Oil Sensor EE364 E + E Elektronik (Austria)	No	1
64	3.7kW 3-Phase 420V Variable Frequency Drive 5hp ZK600B-4T3R7kW or equivalent	No	2
65	DN40 1.5" DC Stainless steel 2-way Solenoid Ball Valve	No	7
66	Electrically Controlled DC Proportional Solenoid Valve 1.5" Stainless steel.	No	2
67	Stainless steel Not Return Valve 1.5"	No	1
68	Distribution Box or panel (powder coated) with lock. Size: 3' x 3.3' x 7"	No	1
69	RS-485 Communication cable	No	6
70	Pressure Module Diffusion Silicon with 4-20mA and 0--5V output	No	1
71	2in/4out Analog signal isolator transmitter	No	1
72	HanYoung or Equivalent NUX Thyristor Power Regulator TPR-2N 220VAC and 50Hz	No	3
73	Thimble insulated 0.5mm, 1mm, 2.5mm (3 types) Make: Multicomp pro or equivalent	Pcs	100 each
74	Thimble or lug 6mm, 10mm (2 types) Make: Multicomp pro or equivalent	Pcs	50 each
75	PVC cable shroud 6mm and 10mm Red Blue Yellow	Dozen	5 each in all 3 colors
76	Solid State Relay 3 phase 30A Make Tense or Equivalent	No	3
77	Plastic Cable Marking Number 0 to 9 and Alphabet A to Z cable dimension 0.5mm ² , 1mm ² , 2.5mm ² , 6mm ² , 10mm ² (5 types)	Pcs	150 for each wire types
78	PHOENIX or Equivalent , Coil Voltage: 24VDC, No of Poles: 1no 1nc relay with base	No	10
79	Power Distribution Block, Number of Poles: 5	No	2
80	PLC AC voltage and current transforemer, Communication Mode: RS485, No of channel 4, CT measument : 420 AC Voltage, Current : 0-20Amp	No	2
81	3- Phase Panel Voltmeter, Size: 96 x 96mm, Voltage measurement: 420 3-phase	No	2
82	3 phase digital Display Ammeter, Size: 96 x 96mm	No	2
83	Plastic Cable Gland for 0.5mm ² , 1mm ² , 2.5mm ² , 6mm ² and 10mm ² (total 5 types)	Dozen	1 each

7/11/18