

INDIA SECURITY PRESS
(A Unit of Security Printing and Minting Corporation of India Limited)
Wholly owned by Government of India
Nashik Road – 422 101 (Maharashtra)

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Date of Issue: **12.06.2026**

1.	Name of the organization	India Security Press, Nashik (a unit of Security Printing and Minting Corporation of India Limited)
2.	Type of the organization	Wholly owned by Government of India
3.	EOI Reference No	EOI No. 11/2026-27 dated 12.06.2026
4.	EOI Title	Expression of Interest for Procurement of Electrical Spares for MLT Machine
5.	Category	Spares
6.	Date of Announcement	12.06.2026
7.	Last date for submission:	14:30 Hrs (IST) on 10.07.2026
8.	Date of EOI Opening	15:00 Hrs (IST) on 10.07.2026

9. The Chief General Manager, India Security Press, Nashik invites Expression of Interest from firms for “Procurement of Electrical Spares for MLT Machine”.

10. The Brief requirement of ISP for “Procurement of Electrical Spares for MLT Machine” is enclosed as **Annexure-A & Annexure B**

11. Pre-Qualification Criteria:

(a) The bidders should give a declaration that they have not been blacklisted or debarred for dealing by Government of India or any Government / PSU/ Reputed organisation in the past.

(b) The documents in support of Expression of Interest need to be submitted duly signed by authorized representative of the company.

(c) The bidder shall be a manufacturer / authorized supplier of “Procurement of Electrical Spares for MLT Machine” for at least last three years and has successfully supplied “Procurement of Electrical Spares for MLT Machine” with the same or higher specifications of at least one number in last three years ending on “**31.03.2025**”. At least one number of the product offered should be in successful operation for at least one year on the date of bid opening. The bidder should provide the documentary evidence for the same.

(d) The interested bidders shall also submit copies of Audited financial statement for the last Five (05) years i.e. 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025.

12. The bidder should also confirm specifically that:

(a) Applicant is competent and legally authorized to submit and/ or to enter into legally binding contract.

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- (b) The firm should confirm their annual installed capacity for manufacture, supply and install similar type of Procurement of Electrical Spares for MLT Machine”.
- (c) Applicant will absolve the purchaser against any infringement of patent rights and other contract provisions.

13. The duly filled details along with supporting documents and budgetary offer(s) with respect to Procurement of Electrical Spares for MLT Machine.

14. Budgetary offers shall clearly mention price of each offered machinery/spares parts. Prices of additional features (if any), shall be indicated separately.

15. The above may be submitted (in a sealed/closed envelop mentioning the name, no. & date of this EOI) in person or through courier/ registered post/ speed post so as to reach the following address on or before the prescribed date and time as under:

The Chief General Manager,
India Security Press,
Nashik Road -422 101.
Phone No 0253 240 2319 / 2419
Email: purchase.isp@spmcil.com;

Place of opening of Expression of Interest: India Security Press,
Nashik Road, Pin-422 101.
Maharashtra, India.

16. Delay due to postal/Courier etc., will not be entertained.
17. Expression of Interest received after the prescribed due date and time will be rejected.

Jt. GM (TO)/Purchase
For Chief General Manager
India Security Press, Nashik Road

Annexure A

SITC of the RTC card, ETX carrier board , I/O card, Flash card and RAM used on Laser Micro Perforation Machine is as under :

S No	Description	Qty
1	<p>Supply of RTC card complete with auxiliary card:</p> <ul style="list-style-type: none">i. Type of RTC Card : Em104P – i7013 / PM1400. <p>ETX CPU module for Pentium – M CPU, EmETX-i702 with heat sink, Intel Pentium M 745, 1.8GHz, 400MHz FSB, 2 MB Cache, Cable kit : CBK – 10-1100 00, Make – HPS Industrial.</p> <ul style="list-style-type: none">ii. RAM : KVR400x64SC3A / 1G <p>Type : Kingston 1 GB DDR PC3200 SODIMM, MEM – SODDR / 1GB / 400 Make – HPS Industrial.</p> <ul style="list-style-type: none">iii. ETX Carrier Board with Realtek 8100BL: Type : PBE1100. <p>Make - HPS Industrial.</p> <ul style="list-style-type: none">iv. I/O Card : 72 bit 3x50 pinout 400K FPGA, Type – 4I68-4 SP3 <p>Make – MESA</p> <ul style="list-style-type: none">v. Flash Card : Sandisk CF5000 2GB Industrial Grade. Type – CF5000I/2GB, <p>Make - HPS Industrial.</p>	04 set
2	<p>Scope of Work: - Installation, programming, interfacing of the Card on machine as per machine requirement.</p> <p>Technical data of RTC cards:</p> <ul style="list-style-type: none">a) Four number of serial ports should be available on board and should be selectable in BIOS set up.b) RTC board should have two separate LAN ports for communication with server PC.	1AU

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| | <p>c) Cable kit CBK – 10 -1100 00,1 x Audio cable 2 x
USB cables
4 x Serial port cables 1 x
IDE cable
1 x LPT cable
2 x Ethernet cables 1
x VGA cable
1 x KB/MS cable
2 x SATA cables
1 x Power cable (4 wires)
1 x Power cable (2 wires)</p> <p>d) RTC card should have mounting arrangement of Flash card, I/O FPGA card.</p> <p>e) The firm has to program to their new flash card in ISP as per machine requirement. ISP does not have the backup program. ISP will not be responsible for any problem faced during the programming work.</p> <p>f) The firm has responsible to do all the modification and change in wiring without disturbing the other electronics circuit.</p> <p>g) The firm will have to give 07 days on load trial of machine.</p> | |
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Annexure B

Sr. No.	Description	Specification	Qty Req.
1.	Duly preprogrammed CPU S7-300	Duly preprogrammed CPU S7-300 as per machine program Type:6ES7 315-2EH14-0AB0 CPU 315 – 2 PN/DP, SIMATIC S7-300CPU 315 Make : Siemens . Complete with machine programming and parameter loading as per our machine requirement without any modification.	01 No
2.	MLC PLC	PLC with preprogrammed Flash card as per machine requirement Type:-L45 Servo Drive CML45.1-3P-500-NA[1]NNNN-N Make: Rexroth ,Drive including programming and parameter loading as per our machine requirement without any modification.	01 No
3.	MLT-Retro Reflex Sensor 111B3 to 111B8	Retro Reflex Sensor, Type – P1KK001, Range - 1500 mm, V = 10 to 30 VDC, PNP, 100mA. Make - Wenglor	05 Nos
4.	MLT-Inductive sensor, 113B2, 113B5	Inductive sensor, Dc PNP, Type – NBB2 – 8GM40 – E3 – V3, Make – Pepprl+Fuchs	02 Nos
5.	MLT-Photo Reflex Sensor, 115B1, 117B6, B7	Photo Reflex Sensor, Type – ML9 – 54 – G / 25 / 110 / 123 / 143, Make - Pepprl+Fuchs	02 Nos
6.	MLT-Self contained Photoelectric Sensor, 113B6, B8	Self contained Photoelectric Sensor, Type – PZ – G61P Make – Keyence	02 Nos
7.	MLT-Micro sonic sensor, 115B6	Micro sonic sensor, 2245446, Type – dbK + 4 /Empf / 3CDD / M18, I < 50mA, ILmax = 2 x 200mA. Make - Microsonic	02 Nos
8.	MLT-Proximity sensor, 114B8	Proximity sensor, Type – CBN15 – F64 – E2, Part No – 310470, V = 10 to 30 V DC, I = 100mA. Make - Pepprl+Fuchs	02 Nos
9.	MLT-Safety Light barrier sensor, 56B1, B2	Safety Light barrier sensor, Type – SLE46C – 40 K2 / 4P – M12, Part NO. – 5012 1917, Range = 0.5 to 40 m, Voltage = 24V DC, I = 15mA,Make - Leuze	02 Nos

10.	MLT-Axode Trigger sensor	Photoelectric Sensor, Type – E35 – AD36, 10 to 30 V DC, Make - OMRON	02 Nos
11.	MLT-Photoelectric sensor	Photoelectric sensor, Type – KTM – WP, 11172P, 1082138, wx2252, Make – SICK	02 Nos
12.	Solid state relay, 805K1, K2, K3	Solid state relay, Part NO. 2961105Coil = 24V DC, Make – Phoenix Contact.	04 Nos
13.	MLT-Axode sensor	Photoelectric sensor, Type – KRTW 3B / 6.1121-S8, 60111319, 700062983SS, Volt = 10 to 30 V DC, 130 mA, Make - Leuze	02 Nos
14.	MLT-Eye mark sensor 185BG1 , BG2	Eye mark sensor, (Photoelectric type), DE – 79183 Walkrich, Type – KTX – WP91142252ZZZZ, 10.8 to 28.8 V DC, I = 100mA, Class 2, Enclosure type 1, P / N = 107866, S/N – 22380019, Make – SICK.	02 Nos.
15.	Proximity sensor for scan head position 1131B1, B2	Proximity sensor, Type – BES R04KC – NSC 15B – EV02. Make – Balluff.	02 Nos
16.	Analog Laser sensor for skew sheets 136S3 along with amplifier 130U1.	Analog Laser sensor, Type – LVNH100, Amplifier type – LVN11MN Make - Keyence	02 Nos
17.	Server Computer, 105A1	Server Computer, Type – C6930 – 0060. Make - Beckhoff	01 No
18.	Incremental Encoder, 180G1	Incremental Encoder, Type – ITD21 B14 Y11 2048 T NI, Make - Waumer	02 Nos
19.	Peltier, 1115BJ1	Peltier, Type – 43000004, Supplied by - MLT	02 Nos
20.	Analog Amplifier, 1115TF1	Analog Amplifier, Type – 59900016, Supplied by MLT	02 Nos
21.	Proximity sensor for shutter, 1120B1, B2	Proximity sensor for shutter, Make – Pepprl + Fuchs	04 Nos
22.	Thermal Switch, 1120S1	Thermal Switch, Type – UIL.70.05.100.45.15, Make - JAT	04 Nos
23.	Compact Cylinder, 1125MM1	Compact Cylinder, Type – ADNGF – 12 – 30 – P – A, Make - Festo.	04 Nos
24.	Solenoid Valve, 1125QM1	Solenoid Valve for shutter, Type – CPV10 – MIH – 2x3 – GLS – M7, make - Festo	04 Nos
25.	Adapter, 1105A1, 1205A1	Adapter SCAPS, Type – 59900077, Make – Supplied by MLT.	02 Nos

26.	Scanner, 1105A2, 1205A2	Scanner, Type – USC – 3, Make – Supplied by MLT	02 Nos
27.	Interface module, 1210A1, 1110A1	Interface Module for Laser, Type – FLKM – D15 SUB/S, Make – PXC supplied by MLT	02 Nos
28.	Scan head movement Stepper Motor,	Scan head movement Stepper Motor, Type – AS1020 – 120 0.5Nm, 1.0A, 24/50V DC, Make - Beckhoff	04 Nos
29.	HMI MLT M/C	HMI MLT, CP2919 – 0000, Sr. No. 00058dnj, Display =19.0 inch, G190ETNO1.2, Power Supply = 24V DC, Class 2, Touch screen = 19 inch, PCT VO4.4, Make = Beckhoff	01 No
30.	Air / Water Heat exchanger for Laser Cabinet	Air / Water Heat exchanger for Laser Cabinet, SK 3364500, S/N = 2022K000063622, Volt = 230V, f = 50/60Hz, Rated I = 0.18A, Rated Power = 0.37 Watt, L35 W/O 1.00 KW, Cooling medium = Water, Temp Range = 1 to -70 degree celcius, Operating Pressure = 0.1 to 1.0 MPa, Make - Rittal	01 No
31.	50A1, Air / Water Heat exchanger	Air / Water Heat exchanger Top Therm wandagart, 1000watt, Comfort Controller, 400/460V, 50/60 Hz, Type – 5K 33 04540, 2.8A/2.9A, 1000/1060W, make - Rittal	01 No
32.	Battery Pack for PC, 120CC1	Battery Pack for PC, Type – C9900- -U330, Part No. 44100029, Make - Beckhoff	02 Nos
33.	Interface module , 180A1, 270A1, 290A1,	Interface module Laser, Type – FLKM – D9SUB/S, Part No. 59900027, Make – PXC.	02 Nos
34.	Encoder Multi switch , 180A2, 181A1, 182A1,	Encoder Multi switch, Part NO. 59900040, MLT GmbH, 599-00-040 Rev 1.1, Make - MLT	02 Nos
35.	121KF1	PC Beckhoff, CU – 8801 – 0000. Make - Beckhoff	01 No
36.	Ether cat coupler, 110BC1	Type – EK1100, Part No. 59900205, Make – Beckhoff.	02 Nos
37.	Interface module, 1110A1, 1210A1, 1310A1,1410A1	Interface module Laser, Type – FLKM – D15SUB/S, Part No. 59900024, Make – PXC.	02 Nos
38.	Scanner, 1105A2, 1205A2	Scanner, Type – USC – 3, Part NO. 5950009, Make – SCAPS (MLT)	02 Nos
39.	Switch port, 130XF1	Switch port, Part No. 59300013, Make - Conrad	01 No
40.	Power Supply for Lamp, 22FB1, 23FB1, 24FB1	Power Supply for Lamp, Type – FS201 – B16, FZ / LS, In = 0.03A, Un = 230V, Auxiliary Contact = S2C – S /	02 Nos

		H6R. Make - Eaton	
41.	Scanner, 1130U1, 1230U1	Scanner 3D, Type – SS – IV – 30, Make – Raylase.	02 Nos
42.	Scanner, 1330U1, 1430U1	Scanner 3D, SS – 1V – 30, HP 200, Make – Raylase.	02 Nos
43.	RH meter, 401U1,	Measurement of RH Type – HYTE – ANA – 1735.	01 No
44.	Flow Sensor, 190BF1	Flow Sensor, part No. 43000056	02 No
45.	Magnetic safety switch, 160SF1, 165SF1, 160 SF2	Magnetic safety switch NO, LED indication, Type – PSENma 1.4p50 / PSENma 1.4-03, Part No. 42900126	05 Nos
46.	Valve terminal, 290U1	Valve terminal, Type – CPV10, Part No. 63000072, Make – Festo	02 Nos
47.	Blanking plate, 290U2	Type – CPV10 – RZP, Part No. 63000075, Make - Festo	02 Nos
48.	Beckhoff PLC, 110C01	Twinsafe PLC, EL 6900, Part No. 599000217, Make – Beckhoff.	01 No
49.	Beckhoff 4 Digital I/P cards, 110SI1,1,3	Beckhoff Digital I/P cards, EL 1904, Make – Beckhoff.	05 Nos
50.	Digital I/P cards 8X, 112DI1,1,1 118DI1,1	Digital I/P cards 8X, EL 1018, Make – Beckhoff.	05 Nos
51.	Beckhoff Analog I/P112AI1	Analog Input card, EL 3162. Make – Beckhoff.	02 Nos
52.	Encoder card, 112PM1	Encoder card, EL 5101 Make – Beckhoff.	01 No
53.	Feed terminal, 114ST1, 118,9 ST1	Feed terminal, EL 9410, Make – Beckhoff.	02 Nos
54.	Digital o/p 114S01, 114S02	Twinsafe PLC, 4 digital output, EL 2904 Make – Beckhoff.	02 Nos
55.	Digital o/p 8X, 114D01, 02, 118D01,03, 119D01,2	Digital o/p 8X, EL 2008 Make – Beckhoff.	04 Nos
56.	266PM1,PM2, 286PM1,PM2	EL 7047	02 Nos
57.	265BC1, 285BC1	EL 1100	01 Nos

58.	286ST1	EL 9505	01 No
59.	286AI2	EL 3201	01 No
60.	MABEG-3 phase AC motor	3 phase AC motor, Type – DSC G 056 K 64 U 40 5 – GZ03, Serial No. 22217019, Article No. 00451564, 2 KW, rpm = 4000, duty SI, 335 volts, Io = 5.4Amp, Mo = 6.2N-m, Make - Baumuller	01 No
61.	MABEG-Ethernet Switch, 140A2	Ethernet Switch, Part No. – FLEXY 20500 – 00MA/S, Flexy 205, Model – 02801, 12 – 24 V DC, 2.5 Amp, MAC = 00:03:27:13: EC : 52 Make – HMS network	01 No
62.	MABEG-Belt aligned sensor, K8977	Belt aligned sensor, B4.0, GRD – 0, DEV – 2, COM 590266, Type – FX52530, NR – 363591, Make – Erhardt + Leimer	02 No
63.	MABEG-Belt alignment controller.	Belt alignment controller, Type – DC – 3341, Material No – 365626, ID No. – 22/0713297, Software – RK – 4004 – 8403F – ZMOS, Voltage = 24V DC, I = 5.8 Amp, Data Format 2.0, Make - Make – Erhardt + Leimer	02 Nos
64.	MABEG-3 phase AC motor	AC Motor, Type – SKH 050, I = 3.00, Id No – 297028, Article No. – 548755, Make - Vegal	01 No
65.	MABEG- HMI 161A1, 162A1	HMI, HMX 707, Part No. – AIHMX 707, V : 1233/2A22 020150, 24V DC, 0.70Amp, Class 2, Make – Panasonic	02 Nos
66.	MABEG-Main HMI	Preprogrammed HMI, HMX 710, Part No. – AIHMX 710, V: 123413A22020150, 24 V DC, 1.0 Amp, Make - Panasonic	01 No
67.	MABEG-Safety light barrier for stacker, 56K1	Safety light barrier, MSI – TRIB, Type – TNT 35, Volt = 24V DC, Make - LEU	04 Nos
68.	MABEG-Relay, 120K1, 120K3 to K8, 121K5 to K8, 122K6 to K7, 124k7 to K8	Relay, Type – 55.34.9.024.0090, 24 V DC, 7 Amp, Make - Finder	10 Nos
69.	MABEG-Line filter, 5A1	Line Filter, FN 3258 – 75 – 34, 3x480 / 275 volts, 75 Amp, make – Schaffner	01 No
70.	MABEG-Line filter, 32U1	Line filter, BFN 3 – 1 – 7 – 001, 275 /480 V AC, 3 x 7 Amp, Make - Baumuller	01 No
71.	Axode-UPS	UPS, I/P = 24 V, 0.2A, O/P = 24V Dc 5.0 Amp, Make – Phoenix Contact	02 Nos

72.	Axode-Controller	Controller Axode, AVM Neo	01 No
73.	Axode-Vision System	Vision System, 180 Neo 2,	01 No
74.	Axode-Drive	Drive, Type – DRVLN, S/N = DRV2301000717, 20 - 30 V DC, 3.0 Amp,	01 NO
75.	Axode-Camera	Axode-Camera, Type – RMSL 6K 52 CL – V1 – F8100 57, Make – Nippon	01 No
76.	Axode-Encoder	Encoder, DE 79183 Walkdrik, Type – DFS60 B – S4PC10000, Volt = 4.5 - 32 V DC, Class 2, Part NO 1036721, Make - SICK	02 Nos
77.	MLT-Power Supply Unit, 1TA1	Power Supply unit 3 phase, Type – PRO ECO3 120W, 24V, 5.0 Amp, I/P = 3 phase, 400V 0.3 to 0.4 A, O/P = 24V 5 Amp, Make - Weidmueller	02 Nos
78.	MLT-Chill-Temp. probe, 4BT1	Temperature Probe, Type – KTY 81 – 121,	02 Nos
79.	MLT-Chill-Thermostat, 4KF1	Thermostat, Type -ST 501 – LN 1KV .04FS, Id No. 258442, 12 - 24 V AC / DC, Make – Stork Tronic	02 Nos
80.	MLT-Chill-Level sensor, 5BL1	Reservoir level sensor /switch, Type – UNS – PP16 – PP18 – G3/4 – GE30, Article No./ Part No. 0111 – 709, AC 230V / 3A / 60VA, DC 230V /3A /60W, Make – BARKSDALE	02 Nos
81.	MLT-Chill-Pressure switch, 5BP2	High pressure switch, DBK 25 20 bar MAN, 240 Volt, HM11403CO, HM200 – 672 – 0058, Make - WILSPEC	02 Nos
82.	MLT-Chill-Pressure switch, 5PB3	Low pressure switch, DWFK 1.9 2.6 bar, HR11403E3, Make – BARKSDALE	02 Nos
83.	MLT-Chill Hot gas bypass, 6QM1	Hot gas bypass, 24V AC / DC, Make – MURR ELECTRONIC	01 No
84.	MLT-Chill-High Pressure switch for fan, 6BP1	High Pressure switch for fan 1 controlling, DWFK 7.9 10.6 bar, 240 volt, HR11403A4, HR400 – 672 – 0018, Make - WILSPEC	02 Nos
85.	MLT-Chill-High Pressure switch for fan, 6BP2	High Pressure switch for fan 2 controlling, ACB – 2UA 993W, 061F6439, 4 -- 5 bar, 6A / 250V, 30 / 80 degree centigrade.	02 Nos
86.	MLT-Chill-Flow switch for Chiller Pump	Flow switch for Chiller Pump, Type – VHS25M01171I51, Max = 26VA / 1A / 230V AC, Max = 20W / 1A / 48V DC, PN = 25, Tmax = 110 degree centigrade, Set point = 12.0 – 15.5 lit/min., make - SIKA	01 No

87.	MLT-Herding-Controller, 5A1	Hearthing Controller, KW 42 / 2022, Sr. No. 01451, Compatible from SW : V2.21, Make - Hearthing	01 No
88.	MLT-Herding-Transformer, 3G1	Transformer, 120VA, 50/60 Hz, Primary = 400V / 0.39A, Si = 2.5 A/T, Secondary = 24V DC / 5.0 A, Article No. 105 – NGNS18, D – 727355, make - Scherzinger	01 No
89.	MLT-Herding- PLC module, 8A1	PLC module, loM HC 4.0, Type – HC40DI001, Make – Hearing.	01 No
90.	MLT-Herding- PLC module, 7A1	PLC module, AIM HC 4.0, Type – HC40DI001, Make – Hearing.	01 No
91.	MCB, 25F1, 25F2, 120FC1,135FC1	MCB, Type – S201, C10, Make – ABB.	02 Nos
92.	Power Supply for scanner, 31,32,33,34 TB1	Power Supply for scanner, TDK Lambda, Type – GWS 500 – 48, I/P = 100 – 240 V AC, 6 Amp, O/P = 48V, 10.5 A. Make – TDK Lambda	02 Nos.
93.	Power Supply for scanner, 41,42,43,44 TB1	Power Supply, 48V DC, 126A, Type – PS – 48 – 12 K – EU, Make -	02 Nos
94.	Emergency Stop, 235S1	Emergency Stop Switch, Type – M22 – PV, Make - FEGA	02 Nos
95.	Pressure Sensor, 455BP1	Pressure Sensor, Type – SDE – V1 – 0 – Q4 – P – M8, Make - Festo	02 Nos.
96.	Relay, 135K1	Relay, Type – ER12 – 001, Coil = 8-230V AC, 16A, Make - Eltako	04 Nos
97.	Fuse, 20,40,80,145F1	Fuse, 4A, Type – UK 5 – HESZ, Make – Supplied by PXC.	10 Nos
98.	Profibus module	Profibus module, Profibus – DP / V1, NA9122, CREVIS, CAT NO. ST – END.	02 Nos
99.	Main Switch, 20S1	Main Switch, Type – P3 – 100 / EA / SUB – SW / N, A = 23Amp, Make - Eaton	01 NO
100.	Safety Switch, 22S1	Door operated safety Switch, I/P = 230V AC, 24V DC, Type – SZ 2500460, Make – Rittal	02 Nos
101.	MABEG-Rotary Switch	Rotary Switch for main ON/OFF, P5 – 125, B00011 / 8420 / 500, P5 – 125 / EA / SVR – SW, Make – Eaton	01 No

102.	MABEG-3 phase PM motor	3 phase PM motor, Type – MSK 040D – 0450 – NN – S2 – UGO – NNNN, MNR No. R911327475, I _o = 1.5Amp, I _n = 0.84Amp, V _{max} = 600V, RPM = 6000, K _m = 1.26Nm/A, Make - Rexroth	01 No
103.	MABEG-Motor	Motor, Type – SKH – 100, ID No. – 306413 – BA – 70, I = 4 A, Article No. 547167 – 001, Make – Regal	01 No
104.	MABEG-Solid State Relay, 81K5, K6, K7, K8	Solid State Relay, Type – 39.20.7.024.9024, 1 NO, 24 V DC, 6 Amp, Modular interface, Master output, Screw terminal, Make - Finder	04 Nos
105.	MABEG-Electronic circuit breaker, 40F1	Electronic circuit breaker, Type- 787 – 1668. Make – Vago	02 Nos
106.	MABEG-Motor Overload, 32Q1	Motor Overload, Type – GV2 P14, 7 to 10 Amp, make - Siemens	02 Nos
107.	Axode-Power Supply	Power Supply, Type – SDR – 960 – 24, I/P = 200 – 240 V AC, 6.0 Amp, O/P = 24 VDC, 40 Amp, Make - Meanwell	02 Nos
108.	Axode-Switch	Switch, FL switch 1000, Make – Phoenix contact	01 No
109.	MLT-Chiller-Main Switch, 1QB1	Main Switch, Type – 3LD 5210 – OTK11, HLX 125 / 3V / Z33 / 45, 480 V AC, 63 Amp, 30 KW, Make - Sontheimer	01 No
110.	MLT-Chill-Circuit breaker, 2FC1	Circuit breaker, Sirius, Range = 18 to 25 Amp, Type – 3RV2021 – 4DA10, Auxiliary Contact – 3RV 2901 – 1F, Connector – 3RA2921 – 1BA00, 3 phase line side terminal – 3RV2925 – 5EB, 3 phase bus bar – 3RV1915 – 1DB, Make – Siemens	02 Nos
111.	MLT-Chill-Circuit breaker, 2FC2	Circuit breaker, Sirius, Type – 3RV 011 – 1BA10, Range – 1.4 to 2 Amp, Auxiliary Contact – 3RV2901 – 1F, Make - Siemens	02 Nos
112.	MLT-Chill-Circuit breaker, 2FC2	Circuit breaker, Sirius, Range = 9 to 12.5 Amp, Type – 3RV2021 – 1KA10, Auxiliary Contact – 3RV2901 – 1F, Connector – 3RV2921 – 1BA00, Make -Siemens	02 Nos
113.	MLT-Chill-Contactor, 6QA1	Contactor, Sirius, Type – 3RT2026 – 1BB40, Coil – 24V DC, Auxiliary contact – 3RH2911 – 1BA10, Surge suppressor – 3RT2926 – 1BBOO, Make Siemens	02 Nos
114.	MLT-Chill Contactor, 6QA2	Contactor, Sirius, Type – 3RT2027 – 1BB40, Coil – 24V DC, Surge suppressor – 3RT2926 – 1BBOO, Make Siemens	02 Nos

115.	MLT-Chill-Contactor, 6QA3, A4	Contactor, Sirius, Type – 3RT2015 – 1BB41, Coil – 24V DC, Surge suppressor – 3RT2926 – 1BBOO, Make Siemens	02 Nos
116.	MLT-Chill Relays, 7KF1	Interposition Relay, Type – 48.52.9.024.0050, Coil – 6 to 24 V DC, Rating - 250V, 10Amp, Make - Finder	02 Nos
117.	MLT-Herding-Main switch, 3Q1	Main switch, Type – NLT25 / 3ZM / Z33 / 62, Article No. 10001973, Rating = 600V AC 25Amp, Make - Sontheimer	01 No
118.	MLT-Herding-Controller, 5A1	Hearding Controller, KW 42 / 2022, Sr. No. 01451, Compatible from SW : V2.21, Make - Hearinging	01 No
119.	MLT-Herding-Transformer, 3G1	Transformer, 120VA, 50/60 Hz, Primary = 400V / 0.39A, Si = 2.5 A/T, Secondary = 24V DC / 5.0 A, Article No. 105 – NGNS18, D – 727355, make - Scherzinger	01 No
120.	MLT-Herding- PLC module, 8A1	PLC module, IoM HC 4.0, Type – HC40DI001, Make – Hearing.	01 No
121.	MLT-Herding- PLC module, 7A1	PLC module, AIM HC 4.0, Type – HC40DI001, Make – Hearing.	01 No

Terms and Conditions: -

- a. The firm will have to confirm that all the spares are suitable for direct replacement on our MLT micro perforation machine without any modifications.
- b. The firm will have to give 01 years warranty of the said spares.
- c. The firm will have to provide the duly programmed PLC and I/O module as per machine requirement. ISP do not have the copy of Program, GCD files, parameter and Source code for the said spare. The firm will have to provide the spare with complete machine program. PLC, IO module, Drive suitable for direct replacement on our MLT micro perforation machine.
- d. The firm will have to provide duly programmed and parameter loaded Drive for direct replacement on our machine.

The motor offer by the firm should be complete with gear box suitable for direct replacement