22.07. 2025 № 67/01/2650   На № _____ від _____

To the President of
OTH Amberg-Weiden
Kaiser-Wilhelm-Ring 23,
92224 Amberg, Germany

Dear Colleague Professor Clemens Bulitta,

On behalf of National University Zaporizhzhia Polytechnic, I would like to express our deep appreciation for your support and partnership.

Since the beginning of the full-scale war, we have tried to share the stories of challenges faced by our university community through public platforms – social media, official statements, and news updates. We have not reached out to you personally until now, understanding how many of you are dealing with your own challenges. But today, the situation forces us to do so – to speak directly to each of our partners, friends, and trusted colleagues.

On July 7, 2025, the National University Zaporizhzhia Polytechnic suffered significant damage as a result of another massive drone attack by the russian military. One of the main academic buildings, Building No. 3, was hit directly. While the full extent of the damage is still being assessed, it is already clear that the destruction is severe. Dormitories No. 4 and No. 5, as well as Building No. 4, were also damaged – windows were shattered, internal structures destroyed, and classrooms damaged by debris. Several vehicles on campus caught fire. Fortunately, no one was injured.

Until now, we have tried to cope with the consequences on our own. The aftermath of a previous strike in May still hasn't been fully addressed, and the new destruction has further overwhelmed our resources. Much of the equipment used for research, education, and the digital support of the educational process – some acquired through university funds, others through grant and international project support – has been lost.

To help illustrate the university's most urgent needs, we have included in the Annex a list of essential equipment – both what has been destroyed and what we critically require to sustain our educational and research activities. We understand that it may not be possible to replace

the lost equipment exactly, but any assistance — including alternatives or comparable resources — would be of great value.

We are now turning to you, our valued partners, with a heartfelt request for any form of assistance — financial, technical, material, or otherwise. Rapid restoration of the damaged infrastructure is vital to ensure the continuity of education and research, and to preserve academic resilience despite the circumstances of war.

Zaporizhzhia Polytechnic remains operational — unwavering and dedicated. We are preparing for the upcoming academic year while working to recover from this latest devastation. Should you be in a position to offer any kind of support — be it funding, equipment, or collaborative initiatives — we would be immensely grateful. If you need further information, we are ready to provide it. Even the dissemination of this appeal among your networks and potential supporters would be of great value to us.

Thank you for your understanding, friendship, and unwavering support. It is precisely this solidarity that empowers us to move forward.

With deep appreciation,
Viktor Greshta,
Rector,
National University Zaporizhzhia Polytechnic

ANNEX

List of essential equipment

1. PARKSIDE 1800 W 2650 rpm 230 V Benchtop Drill Press
2. Thermal Imaging Camera (UNI-T UTi712S)
3. Ultrasonic Cleaner (3.2 L Kraft Dele KD448)
4. CNC Milling Machine for Metals and PCBs with Laser Module (SmartCNC_Edition_A_Light)
5. Adjustable Power Supply 0–30V 20A (MESTEK DP3020)
6. Soldering Station (WEP 852D+)
7. Delta AS200 PLC, Delta Electronics, 16DI/12DO
8. RF Spectrum Analyzer 7.3 GHz TinySA ULTRA PLUS ZS-407
9. 4-Channel Oscilloscope (Hantek DSO4254C)
10. Digital Microscope with Display
11. Optical Microscope for Radio Engineering (Kaisi KS-7045D)
12. Logic Analyzer (Miniware MiniDSO LA104)
13. Arbitrary Waveform Signal Generator (FeelTech FY6900-100M, 100 MHz)
14. Video Signal Tester IPC-9800 PLUS
15. 3D Printer BambuLab A1 Mini
16. Analog Video Signal Converter & Recorder Unisheen UR230A
17. XGecu T48 Programmer
18. PICkit 3 Programmer
19. JTAG Programmer for Xilinx FPGAs DLC9LP
20. Fobos SDR – Software Defined Radio Receiver
21. HackRF One – Software Defined Transceiver
22. SOYO M2 Air Mini PC
23. Charging Station (FeelTech FY6900-100M, 100 MHz)
24. RF Power Meter ImmersionRC Power Meter v2
25. Laptop Lenovo IdeaPad 1 15AMN7
26. Laptop Acer 17 Aspire
27. Diffractometer SmartLab SE or MiniFlex, Rigaku Corporation
28. Energy-Dispersive X-ray Fluorescence Spectrometer NEX CG II, Rigaku Corporation
29. 3D Metal Printer (ALT Alfa-150D)
30. Inert Atmosphere System
31. Specialized ATEX Vacuum Cleaner
32. Plastic Waste Shredder (ECOPOLYMER Shark ES 10.2)
33. Twin-Screw Compounder for Composite Materials (e.g., Brabender TSC)
34. Metal Powder Recirculation System
35. Metal Particle Separator
36. Portable X-ray Flaw Detector (High-Frequency Portable X-ray, e.g., Genoray Port-X)
37. Mechanical Testing Machine (Benchtop Testing Machine, e.g., Instron 3345)
38. DSC Analyzer (Differential Scanning Calorimetry, e.g., TA Instruments)
39. Tabletop Electron Microscope COXEM EM-30 or EM-40
40. Ion Polishing System COXEM CP-8000+ Ion Beam Milling System
41. Optical Metallographic Microscope
42. Microhardness Tester
43. Hardness Tester
44. Laboratory Low-Frequency Signal Generator: f ~ 0...500 kHz; Signals: sine, sawtooth, rectangular pulses; Output voltage ~ 15 V
45. Laboratory Digital Wideband Oscilloscope: f_max ~ 60 MHz; Two-channel, dual-trace
46. High-Performance Computers for Software like Matlab, EPLAN, TIA Portal, and Typhoon HIL 101 – approx. Intel Core i7-13700K, 32 GB DDR4-3200, 1 TB SSD (NVMe), Intel UHD Graphics 770, Windows 11 Pro (64-bit)
47. Drones
48. Computing Server
49. Laptops
50. Printers