

## Firm's Capability Form for International Projection

### Company & Administrative Information

| Field           | Details                                                 |
|-----------------|---------------------------------------------------------|
| Firm Name       | M/S 128 Technologies (SMC-Pvt) Ltd.                     |
| Address         | H.NO. 369, Street 14, G-10/2, Islamabad.                |
| Owner/CEO       | Prof. Engr. Dr. Muhammad Umer                           |
| Contact Details | Email: umerceo128@gmail.com<br>Mobile: +92(0)3215682416 |
| Website         | www.128technologies.com.pk                              |
| Established     | 2016                                                    |

### Business Profile

| Field                                                      | Details                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specialties                                                | Aerospace electronics, indigenized avionics, defence automation, UAV subsystems, Hardware-in-the-Loop (HIL) testing, AI-enabled test benches                                                                                                                                                         |
| Product / Services                                         | Qualified on-board avionics (JF-17 Block III), Engine Control Units (ECU), Flight Control Computers (FCC), Inertial Measurement Units (IMU), fuel management systems, power supply units and power boards, control and heating cards, AI-enabled test benches, custom embedded hardware and software |
| Specific Standards of QC / QA                              | MIL-STD 810, ISO 9001-2015.                                                                                                                                                                                                                                                                          |
| National / International Certification available / offered | PEC License of Professional Engineering Body.                                                                                                                                                                                                                                                        |
| Production Capacity                                        | Yes                                                                                                                                                                                                                                                                                                  |

## Customers, Facilities & Track Record

| Field                                                           | Details                                                                                                                                                                                  |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Key Customers                                                   | PAF, Pakistan Army, NESCOM, MoDP, 502 Central Workshop, 503 Aviation Base Workshop, 505 Electronics Base Workshop                                                                        |
| Major Facilities                                                | Design & Simulation, Hardware-in-the-Loop (HIL) Testing, Engine Start/Run Testing, Qualification Testing, Assembly. On-board avionics design and production.                             |
| Miscellaneous Information (e.g. capability to produce variants) | First private Pakistani firm to deliver qualified on-board avionics for a frontline fighter (JF-17 Block III). Engine control Units (ECUs) and Flight Control Computers (FCCs) for UAVs. |

**Authorized Signature**



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**(PROF. ENGR. DR. MUHAMMAD UMER)**

Chief Executive Officer  
128 Technologies (SMC-Pvt) Ltd.