



EVALUATION REPORT

(As Per PPRA Rules, 2014)

1. Name of Procuring Agency: EMERGING TECHNOLOGIES LAB PAKISTAN
2. Method of Procurement: As per PPRA Procurement Rules 2014
3. Title of Procurement: **Procurement of Quantum Hardware Equipment**
4. PPRA e-Proc Ref. No. (TSE): TS0000001447E
5. EPADS Tender No: F-26041754961
6. RFP Release Date: Feb 15, 2026
7. NewsPaper ID: PID(I) 7533/25
8. Bid Closing: April 14, 2026 at 1030
9. Opening of Tech Bids: April 14, 2026 at 1100
10. No of Bids Received: **3x Nos**
11. Criteria for Bid Evaluation: As per terms of Technical Specs, Bidding Documents
12. Details of Bid(s) Evaluation: Annex A

No	Name of Bidder	Technical	Basis for Rejection/Acceptance	Offered Items
a.	Stratum (Private) Limited	Qualified	Qualified in terms of bidding documents	All
b.	Blitzkrieg Defense Solution Private Limited	Qualified	Qualified in terms of bidding documents	All
c.	Logic Disc International	Disqualified	Disqualified in terms of bidding documents	-

Recommendations of Committee

Technical Evaluation	- Technical Evaluation was performed on submitted documents (Technical data sheets & brochures). Stratum (Private) Limited and Blitzkrieg Defense Solution Private Limited, fulfilled all the Technical and Documentary requirements. - List of Complied items at Annex-A and Committee Signatures at Annex-B.
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13. Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances, not later than 15 days, to Redressal of Grievances Committee, as provided in rule 48 of PPRA Procurement Rules 2004.
14. In case of any missing minor components at the time of delivery, each vendor shall be bound to provide the missing technical items without any additional cost or delay.




Asif Ibrahim
(Project Director)
27 April 2026



**Technical Evaluation Sheet**

(Specifications as Per RFP)

Ser.	Items	Qty	Remarks (Comply/Not Comply/Not-Offered)	
			Stratum	Blitzkreig
1.	Polarization-Maintaining (PM) Fiber Optic Coupler	2	Comply	Not Comply
2.	Fused Fiber Polarization Combiner/Splitter	2	Comply	Not Comply
3.	PM Coupler	2	Comply	Not Comply
4.	PM Fiber Optical Circulator	3	Comply	Not Comply
5.	InGaAs FC/PC-Coupled Photodetector	2	Comply	Not Comply
6.	Compact Fiber Photodiode Power Sensor	1	Comply	Not Comply
7.	Polarimeter	1	Comply	Not Comply
8.	Compact Power and Energy Meter Console	1	Comply	Not Comply
9.	200MHz TTL - Analog Photodetector	2	Comply	Comply
10.	100MHz Balance Photodetector	2	Comply	Not Comply
11.	Fiber Polarization Controller	3	Comply	Not Comply
12.	Electronic Polarization Controller	2	Comply	Not Comply
13.	Phoenix Photonics PCI Controller	2	Comply	Not Comply
14.	Inline Faraday Rotator Mirror	4	Comply	Comply
15.	Electronic Variable Attenuator	2	Comply	Not Comply
16.	Multimode Variable Fiber Optic Attenuator	4	Comply	Not Comply
17.	Compact Fiber Photodiode Power Sensor	1	Comply	Not Comply
18.	Polarization Beam Splitter	1	Comply	Not Comply
19.	Circulator	1	Comply	Not Comply
20.	Polarization Beam Splitter	3	Comply	Not Comply
21.	Polarization Beam Splitter	3	Comply	Not Comply
22.	Coupler	2	Comply	Not Comply
23.	Polarization Beam Splitter	3	Comply	Not Comply
24.	Phase Modulator	1	Comply	Not Comply
25.	Phase Modulator	1	Comply	Comply
26.	Phase Modulator	1	Comply	Comply
27.	Phase Modulator	1	Comply	Not Comply
28.	Phase Modulator	1	Comply	Not Comply
29.	Phase Modulator	1	Comply	Comply
30.	In-Line Isolator	1	Comply	Comply
31.	Polarization Beam Splitter	3	Comply	Not Comply
32.	Coupler	4	Comply	Not Comply
33.	45° Spliced Cable	2	Comply	Not Comply
34.	Inline Linear Polarizer (ILP)	2	Comply	Not Comply
35.	Digital Variable Attenuator	2	Comply	Comply
36.	Fixed Fiber Optic Attenuator/Terminator kit FC/APC	1	Comply	Comply
37.	Mating Connector	8	Comply	Not comply
38.	Mating Connector	8	Comply	Not comply
39.	Fiber Adapter	10	Comply	Not Comply
40.	Fiber Adapter	10	Comply	Not Comply
41.	SM Fiber Spool	1	Comply	Comply
42.	Bracket	4	Comply	Not Comply
43.	Function Generator	1	Comply	Not Comply
44.	Digital Oscilloscope	1	Comply	Not Comply
45.	M6 HARDWARE KIT	1	Comply	Comply
46.	Laser Safety Glasses (Universal or Goggle Style)	6	Comply	Not Comply
47.	ESD Table Mats	2	Comply	Comply
48.	Grounding Wires and Wrist Straps	4	Comply	Comply
49.	ESD Gloves	4	Comply	Comply
50.	Human Body Electrostatic Eliminator (Wall Mount)	2	Comply	Comply
51.	Fiber Optic Cleaning Kits and Pens	2	Comply	Comply





52.	DC Power Supply	2	Comply	Not Comply
53.	Digital Multimeter and EDA2 Accessories Kit	3	Comply	Not Comply
54.	PM Patch Cable	4	Comply	Not comply
55.	PM Patch Cable	2	Comply	Not Comply
56.	Single Mode Patch Cable	2	Comply	Not Comply
57.	Single Mode Patch Cable	2	Comply	Not Comply
58.	Single Mode Patch Cable	2	Comply	Not Comply
59.	PM Patch Cable	3	Comply	Not Comply
60.	PM Patch Cable	3	Comply	Not Comply
61.	PM Patch Cable	3	Comply	Not Comply
62.	Rework Station	1	Comply	Not Comply
63.	3D digital microscope	1	Comply	Comply
64.	Fiber Fusion Splicer	1	Comply	Not Comply
65.	SMA to SMA Cable	8	Comply	Comply
66.	SMA to BNC Cable	8	Comply	Comply
67.	BNC to BNC Cable	8	Comply	Comply
68.	Free space Laser Diode Module	10	Comply	Not Comply
69.	Neutral Density Filter	2	Comply	Comply
70.	Iris Diaphragm	3	Comply	Comply
71.	Beam Splitter	4	Comply	Not Comply
72.	Mirrors	10	Comply	Not Comply
73.	EO Phase Modulator	2	Comply	Not Comply
74.	HV Amplifier	2	Comply	Not Comply
75.	Beam Dump	2	Comply	Not Comply
76.	Two-Lens Telescope	2	Comply	Not Comply
77.	Beam Profiler	1	Comply	Not Comply
78.	Fast Photodiodes	4	Comply	Comply
79.	Trans-Impedance /OP Amplifier	2	Comply	Comply
80.	Oscilloscope	1	Comply	Not Comply
81.	Logic Analyzer	1	Comply	Comply
82.	ESP32-CAM Module Development Board	6	Comply	Comply
83.	ESP32-CAM-MB Programming Adapter Board	6	Comply	Comply
84.	Nanosecond Laser Diode Module	1	Comply	Not Comply
85.	Linear temperature controller	1	Comply	Comply
86.	Thermoelectric Cooler	1	Comply	Not Comply
87.	Cooled Single Photon Avalanche Diode	3	Comply	Not Comply
88.	DC POWER SUPPLY	1	Comply	Not Comply
89.	1550nm Laser Module (LD+driver) 4GHz	1	Comply	Comply
90.	1550nm Directly Modulated Laser (DML)	1	Comply	Comply
91.	Optical Spectrum Analyzer	1	Comply	Not Comply
92.	Electrical Spectrum Analyzer	1	Comply	Not Comply
93.	Digital Oscilloscope	1	Comply	Comply
94.	Desoldering Station / Rework Station	1	Comply	Not Comply
95.	All in one Soldering Station	1	Comply	Not Comply
96.	Power Supply	2	Comply	Not Comply
97.	Function Generator	1	Comply	Not Comply
98.	Multimeter	2	Comply	Comply
99.	FPGA Kit	1	Comply	Comply
100.	FPGA Kit	1	Comply	Comply
101.	ADC Kit	1	Comply	Comply
102.	High-Precision Rotation Mount	10	Comply	Comply
103.	Zero-Order Quarter-Wave Plate	2	Comply	Comply
104.	Zero-Order Quarter-Wave Plate	2	Comply	Comply
105.	Zero-Order Half-Wave Plate	2	Comply	Comply
106.	Zero-Order Half-Wave Plate	2	Comply	Comply
107.	Faraday Rotator	4	Comply	Comply
108.	Faraday Rotator	4	Comply	Comply





109.	Linear Polarizer	4	Comply	Comply
110.	Linear Polarizer	4	Comply	Comply
111.	Fiber Collimation Package	2	Comply	Not Comply
112.	Fiber Collimation Package	2	Comply	Not Comply
113.	Fiber Collimation Package	2	Comply	Not Comply
114.	Fiber Collimation Package	2	Comply	Not Comply
115.	Fiber Collimator Mount	4	Comply	Not Comply
116.	Fiber Collimator Adapter	4	Comply	Not Comply
117.	Compact Fiber Collimator	2	Comply	Not Comply
118.	V-Clamp for compact Collimator	2	Comply	Comply
119.	SM1 Lens Tube (Optical Guide)	2	Comply	Not Comply
120.	Translating Post Holder	8	Comply	Not Comply
121.	Translating Post Holder	8	Comply	Not Comply
122.	Mounting Base	8	Comply	Comply
123.	Pedestal Base Adapter	5	Comply	Not Comply
124.	Clamping Fork	5	Comply	Comply
125.	Optical Post	14	Comply	Comply
126.	VIS/IR Detector Card	2	Comply	Comply
127.	Kinematic Pellicle Mount	4	Comply	Comply
128.	Mounting Fork	6	Comply	Not Comply
129.	Pellicle Beam Splitter	2	Comply	Comply
130.	Pellicle Beam Splitter	4	Comply	Not Comply
131.	Lens Mount	6	Comply	Comply
132.	Spanner Wrenches for Retaining Rings	2	Comply	Comply
133.	Mirror Mount	8	Comply	Comply
134.	Plano-Convex Lens	2	Comply	Not Comply
135.	Plano-Convex Lens	2	Comply	Not Comply
136.	Achromatic Lens	2	Comply	Not Comply
137.	Achromatic Lens	2	Comply	Not Comply
138.	Coupling Prisms	1	Comply	Not Comply
139.	Polarizing Beamsplitter Cube	1	Comply	Not Comply
140.	Polarizing Beamsplitter Cube	1	Comply	Not Comply
141.	Mirrors	8	Comply	Not Comply
142.	ND Filter	1	Comply	Not Comply
143.	ND Filter	1	Comply	Not Comply
144.	ND Filter	1	Comply	Not Comply
145.	Pedestal Pillar Post	4	Comply	Not Comply
146.	Fork pedestal pillar post	4	Comply	Comply
147.	Variable Beam Splitter	2	Comply	Not Comply
148.	Optical Power meter Console and Sensor	1	Comply	Not Comply
149.	Optical Power meter Console and Sensor	2	Comply	Not Comply
150.	Optical Power meter Console and Sensor	2	Comply	Not Comply
151.	Optical Power meter Console and Sensor	1	Comply	Not Comply
152.	Variable Beam Splitter	2	Comply	Not Comply
153.	1550 nm DFB Laser Diode Butterfly Packaged	1	Comply	Not Comply
154.	Laser Driver (Butterfly Mount)	1	Comply	Not Comply
155.	Variable Attenuator	4	Comply	Not Comply
156.	Fiber Coupled Inline Polarizer	2	Comply	Not Comply
157.	Fiber Coupled Photodetector	2	Comply	Not Comply
158.	Balanced APD	1	Comply	Not Comply
159.	Fiber Coupled Polarization Controller	2	Comply	Not Comply
160.	Fiber Coupled Polarization Maintaining Splitter	2	Comply	Not Comply
161.	PANDA PM FC/APC Patch Cables	5	Comply	Comply
162.	PANDA PM FC/APC Patch Cables	5	Comply	Not Comply
163.	Fiber Adapter Cap	2	Comply	Not Comply
164.	IR Detector Adapter	1	Comply	Comply
165.	Fiber Stripping Tool	2	Comply	Comply





166.	Fiber Stripping Kit	1	Comply	Comply
167.	Avalanche Photodiode (APD)	2	Comply	Not Comply
168.	Circulator	2	Comply	Not Comply
169.	50:50 fiber Coupler (1x2)	2	Comply	Not Comply
170.	Inline Faraday Rotator Mirror	2	Comply	Comply
171.	Photoreceivers	2	Comply	Comply

