**დანართი N 1 (ფასების ცხრილი)**

1. **Number and performance of HSMs**
	1. 800 TPS HSM (2X)
	2. 220 TPS HSM (1X)
2. **Licenses for each HSM**
	1. Base Software
	2. Magnetic Stripe Transaction Processing license
	3. EMV Transaction Processing license
	4. RSA Algorithm
	5. User Authentication (HMAC/CAP/DPA)
	6. Data Protection
	7. PIN and Key Printing
	8. Magnetic Stripe Issuing
	9. UnionPay Commands
	10. Magnetic Stripe Contactless Card Data Preparation
	11. Key & Data Prep for Cards & Mobile
	12. Card Personalization & Mobile Provisioning
3. **Certifications:**
	1. FIPS 140 – 2 level 3
	2. MEPS
4. **Supported Algorithms:**
	1. Symetric algorithms : DES, 3DES, AES
	2. Asymetric algorithms : RSA 1024 to 4096
	3. Hashing algorithms : SHA-1 to SHA512
	4. MACing / sealing algorithmst : MAC and HMAC
5. **Security mechanisms**

HSM should be tamper resistant and include number of security mechanisms to
protect its cryptographic boundary from attacks:

* 1. Enclosed and sealed device (special screws)
	2. Cryptographic processor e (TSPP) certified FIPS140-2 level 3 with detection against

chemical attacks, digging, physical, voltage

* 1. Switches to detect lid opening
	2. Seals for visual inspection at time of delivery
	3. Temperature sensor
	4. Motion sensor
	5. Signed and time stamped logs
	6. Physical key locks to prevent removal from cabinet and force dual control over
	7. sensitive operations
	8. Smartcard reader for strong authentication
	9. Erase button at the rear
1. **Support**
	1. 12 Months, 24/7 Support for HSMs and Licenses