

Item	Part name	Specifications	Technical specification proposed	Q-ty	Unit price w/o TVA, EURO	Total price w/o TVA, EURO
<b>Lot1</b>						
1	UPS 15-20 kVA	<b>1.1 General UPS requirements:</b> UPS Topology UPS type UPS output power Nominal input voltage Input voltage range without battery discharge <b>depending on load %</b> Nominal input frequency Input frequency range Input power factor at full load (kw/kva) THD at full linear load (THDI%) Nominal output voltage Inverter overload capacity at 25°C Double conversion efficiency ECO Mode Efficiency By-pass voltage tolerance By-pass frequency tolerance Battery blocks per string Battery charger <b>min. current</b> Parallel connection of UPS Noise at 1 m (dBA) Ventilation Protection IEC (60529)	<b>Data sheet for Liebert® ITA2 20 kVA</b> Tip On-line double conversion according CEI EN 62040-3 VFI-SS-111 For installation on IT Rack 11-15-20 kVA (SW upgradable) 380V/400V/415V 173-498 V 50/60 Hz 40-70 Hz 0,99 ≤3 % 380/400/415 or <b>220/230/240 V selectable at installation</b> 105% for 60 min; 125% 5min; 150% for 1 min, > 150%, 200ms 96.20% 99% -50 +/-10% 24-40 <b>12 A</b> Up to 4 units <b>≤59 dBa</b> Face to back IP20	2 units 8100 16200		
		<b>1.2 UPS configuration:</b> UPS back-up time at 100% load 12 KW and PF =1 Battery type/service life Battery voltage temperature Room temperature and relative humidity Ethernet interface for monitoring Sliding kit for UPS and battery By-pass Input POD Load power distribution <b>Rack/Tower design delivered with rack mount:</b> UPS/ input POD/ Load distribution dimension/Battery sets accessories General standards	8 min. AGM/10 years Included Included Protocol SNMP YES YES Electronic and Manual YES Protection CB/Input/ Output/ Battery, By-pass switch YES YES Rack/Tower design delivered with rack mount: UPS Liebert® ITA2 20 kVA - 3U, 2xExtension Battery Modul - 2x3U, Modul POD - 3U Load POD - 3U EN/IEC/AS 62040-1, EN/IEC/AS 62040-2, CEI EN 62040-3 VFI-SS-111			
		<b>1.3 Requirements to supplier:</b> Status of official distributor and service center of manufacturer in Republic of Moldova Copy of engineer certificate for installation, maintenance and repair of offered type equipment's SLA 24/24 Stock of replacement spares Installation services and materials included in the offer Warranty – min. 24 months from installation date	YES, Certificate of distributor and service center are attached. YES, Copy of engineer certificate are attached. YES YES YES YES			
		<b>1.4 Delivery and payment conditions:</b> Delivery time: 4 weeks (after receiving 50% pre-payment) Delivery address: 78, 31 August 1989 str. Chisinau, Republic of Moldova, of. 310a Payment terms: 50% pre-payment and 50% final payment after delivery and acceptance of goods (payment conditions specified in the commercial contract)	YES YES YES			

		Price should be given excluding VAT	YES		
		<b>Lot 2</b>			
1	First Cooling Unit: 14kW	<b>1.1 General cooling unit requirements:</b>		<b>Data sheet for Liebert HPSC14L + HPSE14</b>	1 unit
		Cooling principle	Direct expansion	Direct expansion	
		Expansion device	Thermostatic valve	Thermostatic valve	
		Refrigerant	R407C or analogous	R407C	
		Mounting of indoor unit	Ceiling mounting	Ceiling mounting	
		Mounting of outdoor unit	Wall or Floor	Wall or Floor	
		Main power supply	400/3N/50 (or similar)	400/3N/50	
		Compressor type/quantity	scroll / 1 or analogous	scroll / 1	
		Piping length from indoor to outdoor unit	Max. 50 m	Max. 50 m	
		Vertical distance	Max 20 m	Max 20 m	
		Operation temperature limits	-30/+50°C	-30/+50 grad C	
		Condenser fan	Variable speed	Variable speed	
		<b>1.2 Cooling unit configuration:</b>			
		Total cooling capacity	14 KW	14,6KW	
		Indoor unit airflow	Cold air direction vertical from top to bottom	Cold air direction vertical from top to bottom	
			Hot air aspiration horizontal from selling level	Hot air aspiration horizontal from selling level	
		Outdoor sound pressure level	Not more than 58 dBA	56 dBA	
		Indoor sound pressure level	~ 63 dBA	63 dBA	
		Protection switches	Low and High pressure	Low and High pressure	
		Temperature setpoint	23	23	
		Filter type/Efficiency	Pleated/G4 or analogous	Pleated/G4 or analogous	
		Clogged filter pressure switch	Yes	Yes	
		Free-cooling option	Yes / direct free cooling	Yes / direct free cooling	
		Ethernet interface for monitoring	Protocol SNMP	Protocol SNMP	
		Display	Yes	YES	
		Dry contacts	Yes	YES	
		Fan type	EC	EC	
		Filter spare	YES	YES	
		<b>1.3 Requirements to supplier:</b>			
		Status of official distributor and service center of manufacturer in Republic of Moldova	YES, Certificate of distributor and service center are attached.		
		Copy of engineer certificate for installation, maintenance and repair of offered type equipment's	YES, Copy of engineer certificate are attached.		
		SLA 24/24	YES		
		Stock of replacement spares	YES		
		Installation services and materials included in the offer	YES		
		Warranty – min. 24 months from installation date	YES		
		<b>1.4 Delivery and payment conditions:</b>			
		Delivery time: 4 weeks (after receiving 50% pre-payment)	YES		
		Delivery address: 78, 31 August 1989 str. Chisinau, Republic of Moldova, of. 310a	YES		
		Payment terms: 50% pre-payment and 50% final payment after delivery and acceptance of goods (payment conditions specified in the commercial contract)	YES		
		Price should be given excluding VAT	YES		
		<b>Total price w/o TVA EURO</b>			<b>30000</b>

Signed \_\_\_\_\_

David Veaceslav,

as director "SYNOTECH GLOBAL SERVICES" SRL