

INVITATION TO BID: NO. UKRKI/ITB/2023-02
**ESTABLISHMENT OF A FRAME AGREEMENT FOR THE SUPPLY OF
CHROMEBOOKS**
Annex A - Technical Specifications

No	Name of equipment	Technical requirements	Number of units in the set	Number of sets
1	2	3	4	5
1	Configuration (form factor) for Chromebook: Processor case RAM storage (drive) MicroSD or SSD graphics adapter Video display webcam (if available)	Intel: N4020 /4100 /4120 /4500 /5000 /5100/6000 • AMD: 3015Ce/Athlon Silver 3050C/Athlon Gold 3150C • MTK: 8183, 8192 • QC: 7c form factor - mobile computer with keyboard (chromebook) memory capacity - 4GB MicroSD capacity - not less than 64 GB or SSD - not less than 32 GB integrated Minimum 11 in display (1366 x 768) integrated into the case; front –facing camera - with a resolution of at least 720 p (1280 x 720)	1 1 1 1 1 1	1 + n *

	battery	with a capacity of not less than 3000 mAh or 30 Wh	1	
	sound adapter	integrated; integrated microphone and speakers	1	
	wireless network interface	integrated; with support for IEEE standards - not lower than 802.11n / ac	1	
	external interfaces	Type A or Type C USB		
	keyboard	US or UK keyboard with Ukrainian Cyrillic printed overlay full-size, integrated into the building (separate (for students 1-7 grades)), Latin-Cyrillic, with letters of the Latin (US International) and Ukrainian alphabets	1	
	PC mouse device (Optional)	technology - optical; connection type - USB interface; number of buttons - not less than 3: left, right, wheel-button for scrolling	1	
2	The main pre-installed software configuration (form factor) for chromebook:			1 + n *
	Operating System	pre-installed OS based on free distribution licenses or proprietary with support for work in the local computer networks with Ukrainian-language interface; full support for the work of users with special needs; free upgrade for the entire period of operation, but not less than 3 years (if necessary);	1	

		possibility of dynamic updating remotely; availability of remote desktop		
	office software package	pre-installed license software package based on free distribution licenses or proprietary with Ukrainian-language interface, compatible with the selected OS	1	
	**Chrome Education Upgrade (CEU) license		1	

**Additional requirements on the CEU:

Bidder should have all the related details about the Chrome Education License, the Chrome License and the office software package should be licensed as well.

*Chrome Education: perpetual license term is tailored towards those in the education sector. This license allows administrators to configure networks, manage installation or access to applications, configure individual user access, and maintain and manage the status of each device. This license is a requirement for managing your Chrome devices through Google domain.

Obtaining Google’s authorization to deliver to Ukraine:

Chromebooks and the CEU are not standard for commercial sale and distribution in Ukraine, therefore bidder is to obtain an exception from Google for sales and delivery to Ukraine. Such authorization must be attached to the bid.

Please complete the spreadsheet in Annex A1 and email it to your Google contact for approval. Once approved, please attach the email confirmation from Google to your Technical offer. Please note, keyboard requirement is US or UK keyboard with Ukrainian printed overlay - submit keyboard reference design art-work for review to Google when available.