

Proceeding of : Board of Offrs

Assembled at : GS IW Branch, HQ Central Comd, C/o 56 APO

On the day of : Oct 2024 and subsequent days.

By the order of : HQ Central Comd Convening Order No 174091/39/BOO/Oct/01/A3(Coord) dt 03 Oct 2024.

For the purpose of : To carry out selection of COTS softwares for IO Det for content creation and its operationalisation for social media handles related to IW aspects.

Presiding Offr : (IC-60613K Col Amit Kumar Singh)
Col GS (IW), HQ Central Comd

Members 1. : (IC-66560M Lt Col Mohit Dubey)
Fire Advisor, HQ Central Comd

2. : (IC-65860F Lt Col G Grewal, SM)
GSO -1 (SD), HQ Central Comd

1. The bd having assembled proceeded to carry out selection of COTS softwares for IO Det for creation of content and its operationisation for social media handles related to IW aspects in accordance with the procedure of whitelisting of COTS Softwares as given in SOP issued by DDGIT vide B/04001/Policy/whitelisting SOP/DDGIT (T&P) dt 19 Jul 2022.

2. The following softwares have been identified for procurement for prep and editing videos, pictures and infographics:-

- (a) Adobe Photoshop, latest version with updates.
- (b) Doodly Enterprise Edition, latest version with updates.
- (c) Invideo, latest version with updates.

3. **Comparison.** The comparison of the proposed softwares with other available softwares for a particular purpose has been undertaken and given in succeeding paras.

(a) **Adobe Photoshop.**

S No	Feature	Adobe Photoshop	GIMP	Paint.NET
(i)	Editing Tools	Advanced tools like layers, masks, smart objects	Basic tools, lacks advanced features	Basic editing tools, fewer features than GIMP
(ii)	Non-Destructive Editing	Supports non-destructive editing (smart objects, filters)	Limited non-destructive workflows	No non-destructive editing features
(iii)	RAW File Processing	Direct RAW image editing with Adobe Camera RAW	Requires external plugins for RAW processing	Does not support RAW editing
(iv)	Plugin Support	Extensive third-party plugin ecosystem	Minimal plugin support	Limited plugin support, fewer extensions

S No	Feature	Adobe Photoshop	GIMP	Paint.NET
(v)	3D & Video Editing	Basic 3D and video editing capabilities	No 3D or video editing tools	No 3D or video editing
(vi)	Color Grading	Advanced color grading and adjustments	Basic color correction only	Limited color correction tools
(vii)	Industry Standard	Widely used in professional industries	Common in open-source communities, less professional use	Primarily used for basic graphic editing, not professional work
Remarks. Adobe Photoshop's robust features, industry-wide use, and superior tools make it the best choice for professional editing. GIMP and Paint. NET are good for beginners, and they lack the power and versatility that Photoshop provides.				

(b) **Doodly Enterprise Edition.**

S No	Feature	Doodly	Open Shot	Windows Movie Maker
(i)	User Interface	Easy, beginner-friendly, drag-and-drop interface	Less intuitive, harder for beginners	Extremely basic, outdated interface
(ii)	Effects Library	Large library of built-in effects, filters, and templates	Basic effects and transitions	Limited effects, no modern templates
(iii)	Export Quality	Supports HD and 4K export	Limited export options, struggles with 4K	Supports only basic HD export
(iv)	Key framing & Animation	Allows key framing and animation control	No key framing or animation features	No key framing, only basic transitions
Remarks. Doodly is a video editing software that allows user to make complex short films and share the final product in various forms with tools such as crop, trim or merge videos. It is a surprisingly powerful editing tool with a simple interface and an intuitive menu. It is a better software than Open Shot and Windows Movie Maker.				

(c) **Invideo.**

S No	Feature	Invideo	Shotcut	iMovie
(i)	Editing Capabilities	Professional-grade, multi-track timeline	Basic editing tools with limited functionality	Simple, limited to basic timeline editing
(ii)	Effects & Transitions	Advanced effects, transitions, and color grading	Limited effects and transitions	Basic transitions and few effects
(iii)	Integration	Seamless integration with Adobe Suite (Photoshop, After Effects)	No integration with external tools	Only integrates with Apple ecosystem

(iv)	Supported Resolutions	4K, 8K, VR support	Limited to HD and lower resolutions	Supports up to 4K
(v)	Audio Tools	Advanced audio editing with precision controls	Basic audio editing	Simple audio editing tools
(vi)	Collaboration Features	Cloud integration, team projects	No collaboration features	No collaboration tools
(vii)	Custom Workspaces	Fully customizable interface	Limited customization	No customization, fixed layout

Remarks. Invideo is a video editing software that enables users to create intricate short films and share their final outputs in multiple formats. With features like cropping, trimming, and merging videos, it proves to be a remarkably robust editing tool, all while maintaining a user-friendly interface and easy-to-navigate menu. It surpasses both Shortcut and iMovie in terms of functionality.

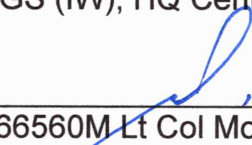
4. **Compliance with Para 31 of SOP.** para 31 of SOP on the subject:-

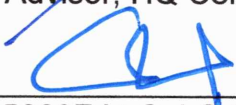
The board also assessed the compliance with

S No	SOP Parameter	Remarks
(a)	Availability of source code	The Softwares sought are not bespoke/ customized for this procurement. These Softwares are commercially available without the need of any customization.
(b)	Feasibility of offline dply	NA
(c)	Centralised Auto Updating and Patch Mgt	NA
(d)	Frequency and Regularity of Updates and Security Patches	Periodic till the licence pd.
(e)	User Base	These softwares are used globally and have extensive user base.
(f)	End of Life and End of Sp	NA. The softwares can be renewed into latest versions.
(g)	OEM Reputation	The OEMs of the softwares are global OEMs.
(h)	Data Breaches and Compromise	The OEMs have demonstrated the capabilities of preventing data breaches.
(j)	PII collected	NA
(k)	Eval under common criteria	The softwares are commercially available without any need of specific customization.

5. **Recommendation.** The above mentioned COTS softwares are recommended to be whitelisted for procurement for IO Det of HQ Central Command.

Presiding Offr : 
(IC60613K Col Amit Kumar Singh)
Col GS (IW), HQ Central Comd


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(IC-66560M Lt Col Mohit Dubey)
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GSO-1 (SD), HQ Central Comd

COUNTERSIGNED

Station: c/o 56 APO

Dated: 11 04 2024


(शालभ गुप्ता)
(Shalabh Gupta)
Brig
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HQ Central Command

24 Oct 24

710180/IT SW/GS (SYS)

FR	24 Oct 2024
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GENERAL STAFF (SYSTEM) BRANCH

**CONVENING ORDER: SELECTION OF COTS SOFTWARE FOR IO DET FOR
CREATION OF CONTENT AND ITS OPERATIONALISATION FOR
SOCIAL MEDIA HANDLES TO IW ASPECTS**

1. Ref GS (IW) br ION No 170371/GS (IW) dt 18 Oct 2024 (copy att) and dscn between the GSO-1 (IW) br and undersigned dt 24 Oct 2024.
2. The procurement (supply order) for the entire proj is subject to grant of whitelisting of six (06) SWs listed under the proj by Army Cyber Group as per policy issued by DDG IT vide letter No B/04001/policy/whitelisting SOP/DDG IT (T&P) dt 28 may 2024 (Para 2 (b) of Note 5 of Noting on the subject). Notwithstanding, the proj shall be taken fwd upto SO stage.
3. It is requested to obtain whitelisting for the aforesaid SWs and fwd the same at the earliest for early completion of the proj.
4. For info and necessary action pl.

Vaibbhav Apte

(Vaibbhav Apte)
Lt Col
Offg Col GS (Sys)

GS (IW) Br