

## SCOPE OF WORK

1. Name of work - Procurement of one smart board with allied accessories, TAPPS Kaluchak.
2. The details of the items reqd alongwith tech specification of interactive flat panel display with OPS:-

(a)	<b>Panel Features</b>	Active Screen Size	75 inches Diagonally
		Resolution	3840(H) ×2160 (V)
		Display Color	1.07Billion colors
		Pixel Pitch	0.430mm*0.430mm
		Brightness	≥450 cd/m <sup>2</sup>
		View Angle	R/L 178 (Min.), U/D 178 (Min.)
(b)	<b>Speaker</b>	Speaker Output	20W × 2 (Front Facing)
(c)	<b>Rear interfaces</b>	VGA Input	1
		VGA Audio Input	1
		Android USB 2.0	1
		Public USB3.0	1
		USB touch	2
		HDMI 2.0 Input	2
		DP 1.2 Input	1
		RS232	1
		RJ-45	2( RJ45 IN*1, RJ45 OUT*1. ) 100M
		SPDIF Out (Audio Out)	1
		WIFI / Hotspot	Dual WIFI (5G & 2.4G )
		Bluetooth	5.0
		Earphone	1
		MIC in	1
		Plug in Camera interface	1
(d)	<b>Front interfaces</b>	HDMI in	1
		USB touch	1
		Public USB3.0	2
		Type C (full function)	1
(e)	<b>Touch screen</b>	Induction Method	Infrared Ray
		Touch points	20 points
		Writing Style	finger or any solid object
		Tolerance	±1mm
		Communication Interface	USB
		Resolution	32768×32768
		Support Operation System	Windows 10/8/7/XP/ Linux ,Mac /Android / Chrome Book
(f)	<b>Android</b>	OS Version	Android 11
		Flash	32G
		RAM	4G
		Touch	Infrared IR 20 points
(g)	<b>Other feature</b>	support auto turn off, sleep timer andthe other features.	
		Support Audio only mode.	
		Support wake up on HDMI, wake upon Lan	
		Support HDCP2.2(HDMI1.4/2.0) Support UI, language, softwarefunction etc. customization	
(h)	<b>Remote control/menu</b>	Remote control menu, sleep, source	
(j)	<b>Input voltage</b>	Support menu in kinds of languages	
(k)	<b>Power rate</b>	AC:100~240V 60/50HZ	
(l)	<b>Standby</b>	≤300W	
		≤0.5W	
(m)	<b>Environmental factors</b>	Working Temperature : -10°C~40°C	
		Working Humidity : 10%~80%	
		storage Temperature:-10°C~45°C	
		storage humidity:5%~90%	
(n)	<b>OPS/MIC RO PC</b>	4K OPS, Intel Core i5 or better, 7th Gen or better, 8GB RAM DDR4 or better, 256GB SSD or better, windows 10, Integrated Intel HD graphics, Integrated networking adaptor, Wi-Fi and Bluetooth, I/O Interfaces-HDMI OUT, DP OUT, Audio IN, Audio OUT, RJ45, Mic IN, USB Port	