

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

From  
The Chief Engineer,  
Telecom & IT  
APTRANSCO, Vidyut Soudha,  
Vijayawada – 520004.

To  
All Authorised Bidders of  
Laptops

Lr.NO. CE(TC&IT)/IT Wing/ACIDO(Infra)/DEE-1(Infra)/F. Laptop/D.No.276/26, dt: 09.03.2026

Sir,

Sub:- APTRANSCO- IT Wing – Procurement of 67Nos Laptops to APTRANSCO – Budget offers requested for arriving ECV – Reg.

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It is requested to arrange your lowest Budget offer price before 12-03-2026 for the following Laptops (Specifications enclosed) in your Letter head to the following mail address for arriving ECV and go for tenders. The quoted price should be valid for 45 days.

Mail ID : nagaraja.s@aptransco.gov.in

Sl.No	Description	Proposed Quantity	Unit Price including GST
1	i9 Laptops with 8GB Graphic Card, 64GB RAM and 1TB SSD (Specifications enclosed)	11Nos	
2	i7 Laptops with Normal Graphic Card, 32GB RAM and 1TB SSD (Specifications enclosed)	8Nos	
3	i7 Laptops with 4GB Graphic Card, 32GB RAM and 1TB SSD (Specifications enclosed)	3Nos	
4	i7 Laptops with 16GB RAM and 512GB SSD (Specifications enclosed)	45Nos	
Total		67Nos	

**i9 Laptops with 8GB Graphic Card, 64GB RAM and 1TB SSD**  
**Technical Specifications**

S.No.	Parameter	Description
<b>MAKE : HP/DELL</b>		
1	Processor	Intel Core TM Ultra 9 285H Processor or higher
2	Chipset	Chipset and Mother Board: Latest Intel Chipset
3	Chassis	Metallic hinges + Metallic Body
4	RAM Size	64 GB RAM or higher
5	RAM Type	DDR5-5600 MT/s non-ECC RAM
6	DIMM Slots	Minimum 2, both shall be field replaceable
7	RAM Expansion	RAM Expandability : up to 64GB or higher
8	Storage	1TB PCIe@ Gen4 NVMe TM TLC M.2 SSD
9	Display	16” DIAGONAL, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100% sRGB Display

10	Brightness	400nits or above
11	Resolution	1920 x 1200 or higher, IPS
12	Graphic Card	NVIDIA RTX TM Pro 2000 Blackwell Generation Laptop GPU (8 GB GDDR7 Dedicated)
13	Video	Video Card : Integrated
14	Audio	Integrated audio controller with 2 Integrated stereo speaker.
15	Scanner	Finger print Scanner
16	Key Board	Key Board with Touch Pad
17	Wifi	Wi-Fi 6E BT 5.3 or higher
18	Video/Audio Ports	Ports Video :1 HDMI 2.1 ( latest ), Audio: 1 head phone/microphone combo
19	Ports	2 Thunderbolt 4 with USB4 Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 2.1); 2 USB Type A 3.0; 1No RJ-45 ethernet port
20	Networking	10/100/1000 Ethernet,
21	Operating System	Preloaded Windows 11 Professional
22	Camera	5 MP IR camera or higher
23	Power Supply	150W or higher Slim Smart External AC Power Adapter
24	Battery	Long Life 83 Wh Li-ion polymer Battery or higher
25	Carrycase	Yes,
26	Warranty	3 Years OEM Warrenty for Laptop including battery.
27	M.S. Office	Laptop without M.S.office

**i7 Laptops with Normal Graphic Card, 32GB RAM and 1TB SSD**  
**Technical Specifications**

S.No.	Parameter	Description
<b>MAKE : HP/DELL</b>		
1	Processor	Intel Core TM Ultra 7 255H Processor or higher
2	Chipset	Chipset and Mother Board: Latest Intel Chipset
3	Chassis	Metallic hinges + Metallic Body
4	RAM Size	32 GB RAM or higher
5	RAM Type	DDR5-5600 MT/s non-ECC RAM
6	DIMM Slots	Minimum 2, both shall be field replaceable
7	RAM Expansion	RAM Expandability : up to 64GB or higher
8	Storage	1TB PCIe Gen4 NVMe M.2 SSD
9	Display	14" DIAGONAL, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB Display
10	Brightness	300nits or above
11	Resolution	1920 x 1200 or higher, IPS
12	Graphic Card	Normal
13	Video	Video Card : Integrated
14	Audio	Integrated audio controller with 2 Integrated stereo speaker.
16	Key Board	Key Board with Touch Pad
17	Wifi	Wi-Fi 7 BT 5.4 or higher
18	Video/Audio Ports	Ports Video :1 HDMI 2.1 ( latest ), Audio: 1 head phone/microphone combo

19	Ports	2 Thunderbolt 4 with USB Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 2.1);1No RJ-45 Ethernet port; 1 USB Type-A 3.0; 1 USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort 1.4)
20	Networking	10/100/1000 Ethernet,
21	Operating System	Preloaded Windows 11 Professional
22	Camera	5 MP IR camera or higher
23	Power Supply	140W or higher USB Type-C Slim Adapter
24	Battery	Long Life 77 Wh polymer Battery or higher
25	Carrycase	Yes,
26	Warranty	3 Years OEM Warrenty for Laptop including battery.
27	M.S. Office	Laptop without M.S.office

**i7 Laptops with 4GB Graphic Card, 32GB RAM and 1TB SSD**  
**Technical Specifications**

S.No.	Parameter	Description
<b>MAKE : HP/DELL</b>		
1	Processor	Intel Core TM Ultra 7 255H Processor or higher
2	Chipset	Chipset and Mother Board: Latest Intel Chipset
3	Chassis	Metallic hinges + Metallic Body
4	RAM Size	32 GB RAM or higher
5	RAM Type	DDR5-5600 MT/s non-ECC RAM
6	DIMM Slots	Minimum 2, both shall be field replaceable
7	RAM Expansion	RAM Expandability : up to 64GB or higher
8	Storage	1TB PCIe Gen4 NVMe M.2 SSD
9	Display	14" DIAGONAL, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB Display
10	Brightness	300nits or above
11	Resolution	1920 x 1200 or higher, IPS
12	Graphic Card	NVIDIA RTX TM 500 Ada Generation Laptop GPU (4 GB GDDR6 Dedicated)
13	Video	Video Card : Integrated
14	Audio	Integrated audio controller with 2 Integrated stereo speaker.
16	Key Board	Key Board with Touch Pad
17	Wifi	Wi-Fi 7 BT 5.4 or higher
18	Video/Audio Ports	Ports Video :1 HDMI 2.1 ( latest ), Audio: 1 head phone/microphone combo
19	Ports	2 Thunderbolt 4 with USB Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort 2.1);1No RJ-45 Ethernet port; 1 USB Type-A 3.0; 1 USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort 1.4)
20	Networking	10/100/1000 Ethernet,
21	Operating System	Preloaded Windows 11 Professional
22	Camera	5 MP IR camera or higher
23	Power Supply	140W or higher USB Type-C Slim Adapter

24	Battery	Long Life 77 Wh polymer Battery or higher
25	Carrycase	Yes,
26	Warranty	3 Years OEM Warrenty for Laptop including battery.
27	M.S. Office	Laptop without M.S.office

**i7 Laptops with 16GB RAM and 512GB SSD**

**Technical Specifications**

S.No.	Parameter	Description
1	Make	DELL/HP/
2	Processor	Intel® Core™i7 , 14 <sup>th</sup> Generation or higher
3	Chipset	Chipset and Mother Board: Latest Intel Chipset
4	Chassis	Metallic/PC/ABS Body
5	RAM Size	1 X 16GB RAM.
6	RAM Type	DDR5 or higher
7	DIMM Slots	Minimum 2, both shall be field replaceable
8	RAM Expansion	RAM Expandability : up to 32GB
9	Storage	SSD : 512 GB PCIe NVMe
10	Display	14" inches FHD
11	Brightness	200nits or above
12	Resolution	1920 x 1080 or higher, IPS
13	Video	Video Card : Integrated
14	Audio	Integrated audio controller with 2 Integrated stereo speaker.
15	Key Board	Key Board with Touch Pad
16	Ports	Ports Wifi 6E and Bluetooth 5.2 or higher
17	Ports	Ports Video :1 HDMI 2.0 ( latest ), Audio: 1 head phone/microphone combo
18	Ports	Ports Min 2 x USB 3.1 or higher Gen 1 Type A ( atleast one shall be powered port), Min 1 XUSB 3.1 or higher Gen 1 type C ( USB Power Delivery, Display Port )
19	Slots	Slots 2 M.2 for WLAN & Storage
20	Networking	10/100/1000 Ethernet card,
21	Operating System	Preloaded Windows 11 Pro
22	Camera	Web Cam : 720P HD 5mega pixel Camera with micro phone(Integrated)
23	Power Supply	230V, 50 Hz AC Supply, 65W with 88% average efficiency or better adopter.
24	Battery	Battery 3 Cell, 50whr Li-ion Long Life Battery with 1000 charge/discharge cycles or higher Whr. Should support battery fast charge Approximately 90% in 90minutes or 80% in 1hour.
25	Carrycase	Yes
26	Warranty	3 Years OEM Warrenty for Laptop including battery.
27	M.S. Office	Laptop without M.S.office

  
 CHIEF ENGINEER  
 Telecom & IT

09/03/2026 .