

Corrigendum in Tender No. HWT040219535

In Eligibility Criteria for the bidder, please find additional clause as below:

"The bidder should be system Integrator in the field of ICT/IT/ITES or an Edutech company in India and should be in existence since last 3 years as on last date of bid submission."

Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)

55" or higher LED TV		
Diagonal Screen Size : 55" or higher		
Panel Type : LED		
Resolution: 1920 x 1080 or higher		
Contrast Ratio : 1000:1 or higher		
Input & Output :, HDMI-2, , Audio in & out, 2 USB, RJ 45/RS 232, ,		
(PC input (D-sub)-1, RF in, Inbuilt TV Tuner card, VGADeleted)		
Power cable, HDMI Cable, Audio Video cable of required length (VGA cableDeleted)		
Audio: min 2 Nos. of in built speakers with min 10 Watt RMS each		
Remote Control with Batteries		
should be certified for BIS (BEEDeleted)		
Brightness: 300 nits or higher		
TV should run 16*7 without any problem.		
Note: Bidder will have to supply table top/wall mount Stand along with TV.		
KU Band Dish Antenna with DTH System		
KU Band Dish Antenna go CM OFF SET DISH ANTENNA Frequency Range: 10.7 to 12.7 GHz Antenna Gain @ 11.85 GHz: > 39 dBi Elevation angle Range: 10 deg. To 90 deg. Wind load Operation: 100 km/Hr. Materials to be used for Reflector and Accessories: Galvanized Steel with high quality outdoor grade powder coated to withstand 3 lifecycle. Mounting Hardware: Dacromated Steel's Fasteners Material to be used for penetrating mount: Mild steel with high quality outdoor grade powder coated to withstand 3 year lifecycle Indigenously manufactured: Required		
	Diagonal Screen Size: 55" or higher Panel Type: LED Resolution: 1920 x 1080 or higher Input & Output:, HDMI-2, , Audio in & out, 2 USB, RJ 45/RS 232, , (PC input (D-sub)-1, RF in, Inbuilt TV Tuner card, VGADeleted) Power cable, HDMI Cable, Audio Video cable of required length (VGA cableDeleted) Audio: min 2 Nos. of in built speakers with min 10 Watt RMS each Remote Control with Batteries should be certified for BIS (BEEDeleted) Brightness: 300 nits or higher TV should run 16*7 without any problem. Note: Bidder will have to supply table top/wall mount Stand along with TV. KU Band Dish Antenna 90 CM OFF SET DISH ANTENNA Frequency Range: 10.7 to 12.7 GHz Antenna Gain @ 11.85 GHz: > 39 dBi Elevation angle Range: 10 deg. To 90 deg. Wind load Operation: 100 km/Hr. Materials to be used for Reflector and Accessories: Galvanized Steel with high quality outdoor grade powder coated to withstand 3 lifecycle. Mounting Hardware: Dacromated Steel's Fasteners Material to be used for penetrating mount: Mild steel with high quality outdoor grade powder coated to withstand 3 year	Diagonal Screen Size : 55" or higher Panel Type : LED Resolution : 1920 x 1080 or higher Contrast Ratio : 1000:1 or higher Input & Output :, HDMI-2, , Audio in & out, 2 USB, RJ 45/RS 232, , (PC input (D-sub)-1, RF in, Inbuilt TV Tuner card, VGADeleted) Power cable, HDMI Cable, Audio Video cable of required length (VGA cableDeleted) Audio: min 2 Nos. of in built speakers with min 10 Watt RMS each Remote Control with Batteries should be certified for BIS (BEEDeleted) Brightness : 300 nits or higher TV should run 16*7 without any problem. Note : Bidder will have to supply table top/wall mount Stand along with TV. KU Band Dish Antenna with DTH System KU Band Dish Antenna 90 CM OFF SET DISH ANTENNA Frequency Range: 10.7 to 12.7 GHz Antenna Gain @ 11.85 GHz: > 39 dBi Elevation angle Range: 10 deg. To 90 deg. Wind load Operation: 100 km/Hr. Materials to be used for Reflector and Accessories: Galvanized Steel with high quality outdoor grade powder coated to withstand 3 lifecycle. Mounting Hardware: Dacromated Steel's Fasteners Material to be used for penetrating mount: Mild steel with high quality outdoor grade powder coated to withstand 3 lifecycle



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	Ku Band LNBF	
	Input Frequency Range: 10.7 to 12.75 GHz	
	Local Oscillator: 9.75 to 10.5 Ghz	
	Output Freq. Range: 950 MHz to 2150 MHz	
	Out Put: F- Female	
	Low Loss RF Cable	
	Cable Type : RG-6	
	Nominal Impedance : 75 Ohms	
	Attenuation (Per 100 yards) : 14.5 dB at 575 MHz	
	Cable Length : 20 meters	
	Connectors: F Type on both ends	
	Digital Set top Box with Remote Control	
	(Fully designed and developed in India with BIS certified)	
	RF input Range : 950-2150 MHz	
	System: DVB-S	
	Modulation: QPSK	
	Symbol Rate: 1-45 MSPS	
	CPU : ST/NEC/Cheertek/Ali/M STAR/MONTAGE	
	Power Supply Range : 90 V to 270 V	
	Power Supply : SMPS Adaptor AC-DC converter	
	(Internal Power-supply only)	
	(RF Modulator Out Put: VHF/ UHF Channel 3 or 4Deleted)	
	Dish antenna system should be tested by SAC/ISRO/EQDC/ Government test lab.	
	Industrial quality foundation with quad stand for the dish antenna to	
	be installed on terrace.	
	Attested Copy of Test Report of Dish antenna, STB, Wire should be	
	enclosed with Tender. (Testing for Wind load operation may be	
	optional however the OEM must give self certification)	
	Operational Wind Load => 80 km/hr.	
	Laptop	
3	Processor –	
	Intel® Core™ i5 Processor(3M Cache, 1.6o GHz) or higher OR	
	OK AMD Ryzen™ 3 2200U (5MB Cache, <mark>2.0GHz)</mark> or higher	
	, , , , , , , , , , , , , , , , , , , ,	
	Motherboard with Integrated Chipset with Processor or better	
	4 GB DDR4 @ 1866 MHz upgradeable to 16 GB Single Module Should be supplied)	
	1TB or higher SATA HDD with 5400 RPM	
	Screen: 14" or higher LED B/L Display with 1366*768 resolution	
	Intel®/ AMD Graphics Media Accelerator HD or better	
	Wired Communication: Integrated 10/100/1000 Mbps Gigabit	
	Ethernet.	
	Wireless Communication: Integrated Wireless LAN 802.11 b/g/n/ac &	
	Blue tooth Optical Private DVD + / DW (Internal/External)	
	Optical Drive: DVD +/- RW (Internal/External)	
	Internal Microphone, Internal Speakers	



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	Mandatory Ports: 3 USB (including 1 USB 3.0 port), 1 Head Phone					
	jack & Micro Phone jack/Headphone & Microphone Combo jack, 1 RJ-					
	45, Card Reader, 1 HDMI port					
	Optional Ports: 1 PC card slot- PCI Express, 1 S-video, 1 RJ-11					
	Pre-loaded license Microsoft Windows 10 Professional Operating					
	System or higher with Latest service pack.					
	Pre-loaded Antivirus with 3 years updates					
	Power management: Advanced Power Management feature.					
	Certifications: RoHS, latest Energy Star Compliant					
	3 or more Cell Lithium-Ion / Lithium-Ion Polymer battery with					
	minimum 4 Hours of battery back-up time					
	OEM carry case					
	32GB USB Pen Drive					
4	32GB USB Pen Drive					
Per Point Electrification						
5	Per Point Electrification (including Switches, Plugs, Sockets, Cables,					
	Wires)					
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All other Eligibility Criteria, terms & conditions, technical specifications are as per RFP document.