

INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR
(Formerly Bengal Engineering and Science University, Shibpur)
HOWRAH-711103

Notice Inviting Tender

Advt.No. PIF/FO/ GH/ 2016-17/08/08

Dated 23.08.2016

Sealed quotations are invited from the *bona fide* manufacturers/their dealers/ distributors or suppliers for supply and installation of following item at IEST, Shibpur.

Date of Submission: last date of submission of complete quotation along with required documents on or before 30th August, 2016 up to 14-00 hrs.

Model No. and Brand must be clearly mentioned in the quotation, without which quotation will not be considered.

Bidder shall furnish an undertaking for providing Comprehensive warranty for any manufacturing defect for a period of minimum one year for the TV from the date of supply/installation on their letter head, failing which, their offer will not be considered.

The date of delivery for supply of **item** will be **10 days** from the date of issue of the purchase order.

Details of Items:

Full HD LED TV – 01 No.

Specification for TV:

Features:

IPS Panel : The IPS Panel to have clearer, more consistent, and sturdy screens.

Life-like Color : Color impression that is most identical to that of the original image. The colors should be truly closest to nature and most comfortable for the eyes.

TV should be equipped with all round protection with a Robust IPS Panel, Lightning Protection, Summer Heat Protection, Humidity Protection, Dust Protection & Works without Stabilizer.

Panels should be more resistant to high temperature and pressure as compare to conventional VA panels.

Works without stabilizer: TV Can safely operate in wide range power supply conditions (100~240V AC, 50~60Hz).

Lightening Protection: TV should be come equipped with 500V Cap, Fuse, Varistor, Thermistor and Isolator for protection against unexpected lightening surge.

Summer Heat & Humidity Protection: TV should be designed and tested thoroughly to safely operate in Normal Indian Tropical conditions

Dust Protection: Backcover vents should resists entry of dust inside the TV reducing the possibility of damage to the TV due to dust accumulation.

Smart Mobile Link Compatible

Metallic Design : cool and sleek metallic look, slimmer, have one frame design.

TV should have stylish design stand as shown below:



Brilliant LED backlighting display should deliver crystal-clear images, true blacks, and the most vivid, life-like colors on a slim screen.

Full HD TVs with resolution of 1920 X 1080 pixels. Pixels spread across screen provide real life like picture with utmost clarity.

Picture Mastering Index (PMI): 300

It should have Smart Energy Saving feature which helps users to be a little greener by limiting power consumption. The feature includes backlight control for adjusting brightness, a screen-off function that turns the picture off for playing audio-only, and the Standby Mode Zero function which allows the TV to effectively hibernate, using zero electricity.

Users can enjoy virtual surround sound directly from their TV set. The Virtual Surround feature produces a sound effect that mimicks a surround sound speaker system; as if speakers are surrounding the listener.

It should have one cable, one standard. Twin HDMI ports.

Model :

Device	LED
LED TV	Yes
Screen Size (cm)	49 : 123 cm
Full HD Resolution	Yes
Resolution	FHD 1920 x1080
IPS Panel	Yes
BackLight Module	Slim LED
PMI (Picture Mastering Index)	300
Analog TV Reception	Yes

Video:

Triple XD Engine	Yes
Active Noise Reduction	Yes
Dynamic Clear White	Yes
Dynamic Color Enhancer	Yes
Picture Mode	8 modes(Vivid, Standard, Eco, Cinema,Cricket, Game, Expert1, Expert2)
Picture Wizard III	Yes
Aspect Ratio	8 modes (16:9, Just scan, Original, Full Wide, 4:3, 14:9, Cinema Zoom 1, Zoom)
Real Cinema 24p	Yes

Audio:

Dolby Digital Decoder	Yes
Speaker System	2 Ch speaker system
Audio Output (rms)	20W
Surround Sound	Virtual Surround
Clear Voice II	Yes
Sound Mode	6 modes (Standard, News, Bollywood, Cinema, Cricket, Game)
BollyWood Mode	Yes
Sound Optimizer	3 modes (Off, Stand Type,Wall-mounted Type)
Optical Sound Sync	Yes

Smart Mobile Link(MHL) Yes(2.0)

USB:

Divx (SD/HD)	DivX HD
Picture	JPEG, JPS, MPO
Audio Codec	AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, RA, WMA
Subtitle for DivX (Language)	15 Language (English, French, Spanish, Portuguese, Italian, Vietnamese, Bulgarian, Russian, Maori, Ukrainian, Kazakh, Thai, Hebrew, Arab, Korean)

Special:

Motion Eco Sensor	Yes
Smart Energy Saving	Yes
Input Labeling	Yes
OSD Languages	Total 16 , Indian : 3 (Hindi, Bengali, Telugu) Subject to updation regularly
Built-in Games	Yes
Terminals Side	
HDMI	1
USB	1
Headphone out	1

Terminals Rear

RF In	1
Composite In (CVBS + Audio)	2 (1 Exclusive, 1 Composite/Component common)
Component In (Y,Pb,Pr + Audio)	1 (Composite/Component Common)
Digital Audio Out (Optical)	1
HDMI	1

Supplied Accessories

Conventional Remote Yes

Power

Power Supply (Voltage, Hz) 100~240Vac 50-60Hz

Power Consumption Standby Mode 0.3W

Dimensions Set

Set Weight (w/o stand) Kg 13.2

Set Weight (w/ stand) Kg 13.6

Set Weight (in Carton) Kg 17.2

Set WxHxD (w/o stand) mm 1105 x 652 x 56.5 min: (33.5)

Set WxHxD (w stand) mm 1105x694x247

Set WxHxD (in carton) mm 1191x747x146

The vendors are requested to submit their quotations in sealed envelopes in the letter box of Prof. Sudipta Mukhopadhyay, Prof-in-Charge of Furniture placed in the 1st floor of Department of Mining Engineering, Indian Institute of Engineering Science and Technology, Shibpur Howrah – 711 103 (Contact No: 9433965705) by 2:00 pm of 30.08 .2016. Tender No must be mentioned on the top of the envelope. This may kindly be noted that the rate to be quoted inclusive of all taxes and charges such as carrying cost etc. and should be valid for 6 months from the date of Quotation. The vendor must have PAN Number and VAT Registration Certificate.

The IIESTS authority will evaluate and compare the quotations (the gross amount i.e. inclusive of all taxes, other charges etc) determined to be substantially responsive i.e. which - (a) Meet the qualification criteria specified above, (b) Are properly signed, and (c) Conform to the terms and conditions, specifications without deviations.

Notwithstanding the above, the IIESTS authority reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

Sd/-

(Prof. Sudipta Mukhopadhyay)
Prof-in-Charge of Furniture,
IIEST, Shibpur